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Survey of Current Business

Table of Contents
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Special in this issue

15. Note on Rates of Return for Domestic Nonfinancial Corporations: Revised Estimates for 1960-98

18. Government Spending by Function: A New Presentation

24. Improved Estimates of Gross Product by Industry for 1947-98
The estimates of gross product by industry have been revised to incorporate the results of the recent comprehensive revision of the NIPA's, newly available source data, and several methodological changes. The most significant element of the revision is the development of an integrated set of estimates of gross output, intermediate inputs, and gross product originating (GPO) for all industries. This result enabled the extension of the double-deflation method for computing real GPO to all industries, thereby improving the reliability of the estimates and their consistency with the NIPA estimates. The revisions did not greatly affect the growth rates for real GPO: Real GPO growth for private industries was revised up 0.3 percentage point, the same as the upward revision to real GDP.

64. Comprehensive Revision of State Personal Income: Revised Estimates for 1969-98 and Preliminary Estimates for 1999
On May 17, 2000, BEA released revised estimates of State personal income for 1969-99 that incorporated the results of the most recent comprehensive revision of the NIPA's, newly available benchmark source data, and improved methods for preparing the State estimates. In general, the State estimates were revised up, reflecting several major improvements that were introduced into the national estimates. This release represents a speedup of nearly 6 months in the availability of State personal income estimates that are consistent with the recently revised NIPA estimates.

Regular features

1. Business Situation
Real GDP increased 5.4 percent in the first quarter of 2000 after in-creasing 7.3 percent in the fourth quarter of 1999; the price index for gross domestic purchases increased 3.2 percent after increasing 2.3 percent. Corporate profits increased $34.5 billion (3.8 percent at a quarterly rate) in the first quarter. The Federal Government current surplus increased $74.1 billion, to $186.3 billion, and the State and local government current surplus decreased $12.1 billion, to $56.7 billion.

53. Foreign Direct Investment in the United States: New Investment in 1999
Outlays by foreign investors to acquire or establish businesses in the United States increased to a record $282.9 billion in 1999 from $215.3 billion in 1998. The exceptionally high outlays in both years reflect a worldwide boom in merger and acquisition activity, the continuing strength of the U.S. economy, and the increasing number and size of large investments.

Reports and statistical presentations

130. Subject Guide for Volume 80, Numbers 1-6

D-1. BEA Current and Historical Data

Looking Ahead

Annual Revision of the U.S. International Transactions Accounts. An article that summarizes the revisions to the estimates of U.S. international transactions and that discusses the major sources of the revisions will be published in the July Survey. Most of the revisions will affect the estimates for 1995-99. Selected revised estimates will be available on June 20 as part of the release of the estimates of U.S. international transactions for the first quarter of 2000.

Comprehensive Revision of Local Area Personal Income. The results of a comprehensive revision of the estimates of local area personal income for 1969-98 were released on June 15 and will be published in the July Survey. The revised estimates will incorporate the results of the recent comprehensive revisions of the NIPA's and of State personal income, the improvements in the source data and the methods for the local area estimates, and newly available data from regular sources.

Travel and Tourism Satellite Accounts. An article that updates the U.S. travel and tourism satellite accounts to 1997 will be published in the July Survey. The updated accounts, which will be based on the 1996 annual input-output accounts, will show the growth in tourism expenditures and the output of tourism industries.

BUSINESS SITUATION

This article was prepared by Larry R. Moran, Daniel Larkins, Ralph W. Morris, Deborah Y. Sieff, and Mary L. Roy.

REAL gross domestic product (GDP) increased 5.4 percent in the first quarter of 2000, according to the "preliminary" estimates of the national income and product accounts (NIPA's), after increasing 7.3 percent in the fourth quarter of 1999 (table 1 and chart 1); the "advance" first-quarter estimate of real GDP, reported in the May "Business Situation," also had shown a 5.4-percent increase.[1] Among the major components, upward revisions to exports of goods and services and to nonresidential fixed investment were mostly offset by a downward revision to consumer spending and by an upward revision to imports of goods and services.

Real final sales of domestic product and real gross domestic purchases were revised little. The preliminary estimates of the increases in the price indexes for gross domestic purchases and for GDP were the same as the advance estimates.

1. Quarterly estimates in the NIPA's are expressed at seasonally adjusted annual rates. Quarter-to-quarter dollar changes are the differences between the published estimates. Quarter-to-quarter percent changes are annualized and are calculated from unrounded data unless otherwise specified.

Real estimates are calculated using a chain-type Fisher formula with annual weights for all years except 1999 and quarterly weights for all quarters; real estimates are expressed both as index numbers (1996=100) and as chained (1996) dollars. Price indexes (1996=100) are also calculated using a chain-type Fisher formula.

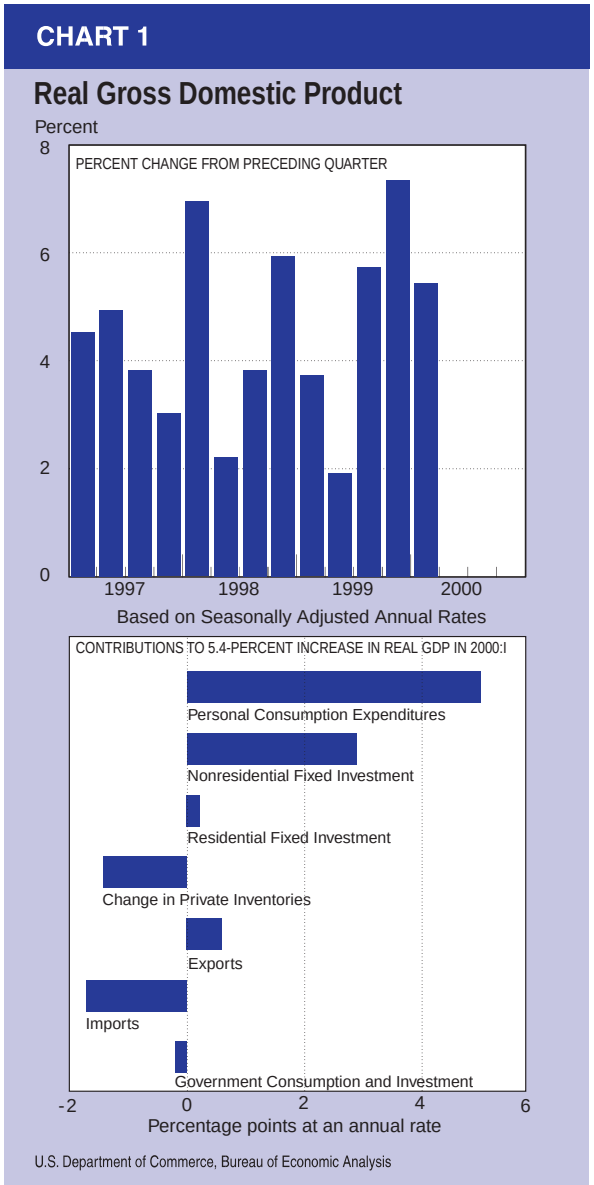
Table 1.—Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1999			2000
	2000	1999			2000				
	I	II	III	IV	I	II	III	IV	I
Gross domestic product	**9,156.7**	**40.7**	**121.5**	**157.4**	**119.5**	**1.9**	**5.7**	**7.3**	**5.4**
Less: Exports of goods and services	1,092.6	10.0	28.3	25.6	14.4	4.0	11.5	10.1	5.5
Plus: Imports of goods and services	1,465.5	44.5	47.6	29.3	43.2	14.4	14.9	8.7	12.7
***Equals*: Gross domestic purchases**	**9,504.0**	**70.7**	**138.3**	**160.8**	**145.4**	**3.2**	**6.2**	**7.2**	**6.4**
Less: Change in private inventories	30.5	–36.1	24.0	28.7	–36.2				
Nonfarm	36.7	–30.0	28.1	31.1	–35.6				
Farm	–6.8	–6.5	–4.7	–2.9	–.1				
***Equals*: Final sales to domestic purchasers**	**9,463.7**	**102.8**	**114.1**	**132.9**	**177.7**	**4.7**	**5.1**	**5.9**	**7.9**
Personal consumption expenditures	6,214.3	73.2	71.2	87.2	111.4	5.1	4.9	5.9	7.5
Durable goods	890.6	17.3	15.1	25.5	43.9	9.1	7.7	13.0	22.4
Nondurable goods	1,836.7	14.2	15.6	32.7	24.7	3.3	3.6	7.6	5.6
Services	3,501.8	42.5	41.1	31.3	47.1	5.2	5.0	3.7	5.6
Gross private domestic fixed investment	1,692.5	25.1	26.3	10.5	74.7	6.6	6.8	2.6	19.8
Nonresidential fixed investment	1,315.2	20.2	31.4	8.9	72.0	7.0	10.9	2.9	25.2
Structures	257.6	–3.4	–2.4	–.3	11.8	–5.3	–3.8	–.5	20.7
Equipment and software	1067.7	25.2	35.7	9.8	61.3	11.2	15.7	4.0	26.6
Residential investment	381.6	5.1	–3.7	1.7	4.8	5.5	–3.8	1.8	5.2
Government consumption expenditures and gross investment	1,564.8	4.9	17.0	34.3	–4.8	1.3	4.5	9.3	–1.2
Federal	535.8	2.9	5.4	18.8	–22.5	2.1	4.1	14.7	–15.1
National defense	340.2	–2.2	9.1	14.1	–22.2	–2.6	11.2	17.2	–22.3
Nondefense	195.4	5.0	–3.6	4.8	–.5	10.9	–7.1	10.3	–.9
State and local	1028.5	2.2	11.5	15.6	17.4	.9	4.8	6.4	7.0
Addendum: Final sales of domestic product	**9,116.3**	**72.5**	**97.5**	**129.6**	**151.7**	**3.4**	**4.5**	**6.0**	**6.9**

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates usually are not additive. Chained (1996) dollar levels and residuals, which measure the extent of nonadditivity in each table, are shown in NIPA tables 1.2, 1.4, and 1.6. Percent changes are calculated from unrounded data. Percent changes in major aggregates are shown in NIPA table S.1. (See "Selected NIPA Tables," which begin on page D-2 in this issue.)

CHART 1



(The sources of the revisions are discussed in the section "Revisions.")

The 5.4-percent increase in the first quarter was the third consecutive increase above 5.0 percent and was well above the 3.7-percent average annual growth rate for real GDP over the current expansion, which began in the second quarter of 1991.

The picture of the economy in the first quarter presented by the preliminary estimates was little changed from that presented by the advance estimates. The preliminary estimates showed the following:

- Real GDP growth decelerated in the first quarter but remained strong. The deceleration was primarily accounted for by downturns in private inventory investment and in government spending, by an acceleration in imports of goods and services, and by a deceleration in exports of goods and services. These changes were partly offset by accelerations in private nonresidential fixed investment and in consumer spending.
- Real final sales of domestic product accelerated, as private inventory investment turned down.[2] The growth in real final sales of domestic product was 1.5 percentage points higher than the growth in real GDP in the first quarter and was 1.3 percentage points lower than the growth in GDP in the fourth quarter.
- Real gross domestic purchases decelerated less than real GDP in the first quarter, reflecting an acceleration in imports of goods and services, which are subtracted in the calculation of GDP but not in the calculation of gross domestic purchases, and a deceleration in exports of goods and services, which are added in the calculation of GDP but not in the calculation of gross domestic purchases.[3]
- The largest contributors to the first-quarter increase in real GDP were consumer spending and business investment in equipment and software (table 2 and chart 1). The increase in GDP was moderated by an increase in imports and by decreases in private inventory investment and in Federal Government spending.

The price index for gross domestic purchases increased 3.2 percent in the first quarter after

2. Final sales of domestic product is calculated as GDP less change in private inventories.

3. Gross domestic purchases—a measure of purchases by U.S. residents regardless of where the purchased goods and services were produced—is calculated as the sum of personal consumption expenditures, gross private domestic investment, and government consumption expenditures and gross investment.

Table 2.—Contributions to Percent Change in Real Gross Domestic Product

[Seasonally adjusted at annual rates]

	1999			2000
	II	III	IV	I
Percent change at annual rate:				
Gross domestic product	1.9	5.7	7.3	5.4
Percentage points at annual rates:				
Personal consumption expenditures	3.36	3.33	4.07	5.02
Durable goods	.71	.62	1.03	1.70
Nondurable goods	.64	.73	1.51	1.12
Services	2.00	1.98	1.53	2.20
Gross private domestic investment	–.36	2.26	1.72	1.70
Fixed investment	1.10	1.16	.48	3.13
Nonresidential	.86	1.33	.39	2.90
Structures	–.16	–.11	–0.01	.56
Equipment and software	1.02	1.44	.40	2.35
Residential	.24	–.17	0.09	.23
Change in private inventories	–1.46	1.09	1.24	–1.43
Net exports of goods and services	–1.35	–.73	–.12	–1.12
Exports	.42	1.19	1.08	.60
Goods	.32	1.19	.83	.52
Services	.10	0	.24	.08
Imports	–1.77	–1.92	–1.20	–1.72
Goods	–1.59	–1.84	–1.12	–1.54
Services	–.19	–.08	–.08	–.18
Government consumption expenditures and gross investment	.23	.81	1.61	–.20
Federal	.13	.26	.87	–1.00
National defense	–.10	.42	.65	–.99
Nondefense	.23	–.16	.22	–.02
State and local	.10	.55	.75	.80

NOTE.—More detailed contributions to percent change in real gross domestic product are shown in NIPA table 8.2. Contributions to percent change in major components of real gross domestic product are shown in tables 8.3 through 8.6.

Table 3.—Percent Changes in Prices

[Annual rates; based on seasonally adjusted index numbers (1996=100)]

	1999			2000
	II	III	IV	I
Gross domestic product	**1.3**	**1.1**	**2.0**	**2.7**
Less: Exports of goods and services	.7	1.3	2.6	2.1
Plus: Imports of goods and services	5.2	6.2	4.9	5.9
***Equals*: Gross domestic purchases**	**1.9**	**1.7**	**2.3**	**3.2**
Less: Change in private inventories	.....	.....	.....	.....
***Equals*: Final sales to domestic purchasers**	**2.0**	**1.8**	**2.3**	**3.2**
Personal consumption expenditures	2.2	1.8	2.5	3.1
Food	1.2	2.1	2.3	2.4
Energy goods and services [1]	26.9	14.2	12.0	34.7
Other personal consumption expenditures	1.3	1.2	2.0	1.8
Private nonresidential fixed investment	–1.4	–1.3	0	.1
Structures	2.2	3.4	3.5	4.0
Equipment and software	–2.5	–2.7	–1.1	–1.0
Private residential investment	3.6	4.1	2.2	3.9
Government consumption expenditures and gross investment	2.9	3.3	3.4	5.8
Federal	.9	1.8	2.7	7.3
National defense	1.0	1.8	2.5	6.4
Nondefense	.7	1.8	3.1	9.0
State and local	4.0	4.2	3.8	5.0
Addendum: Gross domestic purchases less food and energy	**1.2**	**1.2**	**1.9**	**2.1**

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

NOTE.—Percent changes in major aggregates are shown in NIPA table 8.1. Index numbers are shown in tables 7.1, 7.2, and 7.4.

increasing 2.3 percent in the fourth (table 3). The step-up was primarily accounted for by an acceleration in the prices of personal consumption expenditures, mainly in the prices of energy, and by an acceleration in the prices of government consumption expenditures, mainly as a result of a Federal pay raise in the first quarter. Food prices increased at the same rate in both quarters. The price index for gross domestic purchases excluding food and energy prices, which are usually more volatile than many other prices, increased 2.1 percent after increasing 1.9 percent; if the effect of the Federal pay raise is also excluded, the measure increased 1.7 percent after increasing 1.9 percent.

GDP prices increased 2.7 percent in the first quarter after increasing 2.0 percent in the fourth. The smaller first-quarter increase in GDP prices than in gross domestic purchases prices reflected a smaller increase in export prices than in import prices.

Real disposable personal income (DPI) increased 2.2 percent in the first quarter after increasing 4.7 percent in the fourth. The personal saving rate—personal saving as a percentage of current-dollar DPI—continued its downtrend, decreasing to 0.6 percent from 1.8 percent in the fourth quarter; the first-quarter rate is the lowest since 1946, the first year for which quarterly estimates are available. The national saving rate—gross saving as a percentage of gross national

CHART 2

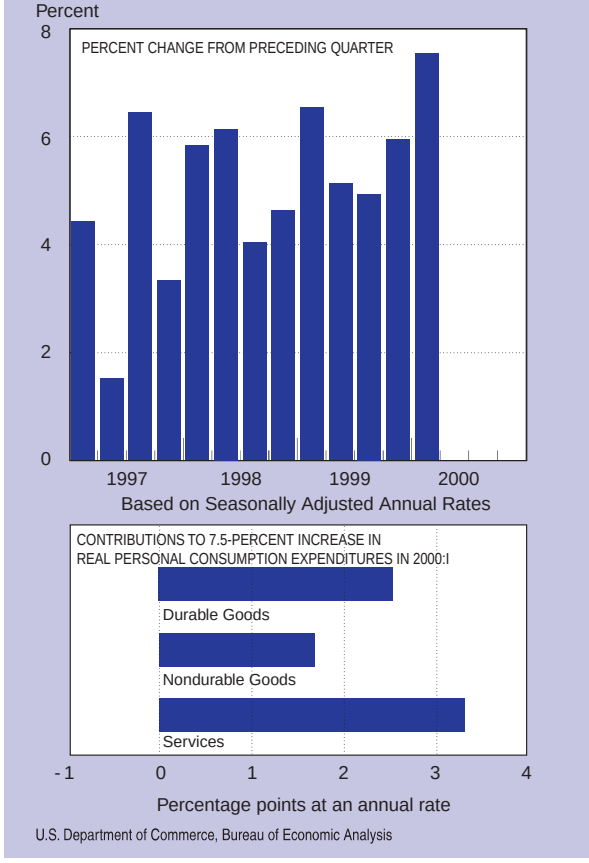


Table 4.—Real Personal Consumption Expenditures

[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1999			2000
	2000	1999			2000				
	I	II	III	IV	I	II	III	IV	I
Personal consumption expenditures	**6,214.3**	**73.2**	**71.2**	**87.2**	**111.4**	**5.1**	**4.9**	**5.9**	**7.5**
Durable goods	890.6	17.3	15.1	25.5	43.9	9.1	7.7	13.0	22.4
Motor vehicles and parts	346.2	6.8	2.4	6.1	20.5	9.2	3.0	7.9	27.7
Of which: New autos	113.3	5.6	–.8	7.0	4.9	25.5	–3.2	30.9	19.4
New light trucks	100.8	1.3	2.3	.2	11.7	6.0	11.0	1.2	63.6
Furniture and household equipment	375.1	8.8	10.5	13.4	15.7	11.3	13.0	16.5	18.6
Other	171.4	1.8	2.9	6.5	7.3	4.8	8.0	17.4	18.9
Nondurable goods	1,836.7	14.2	15.6	32.7	24.7	3.3	3.6	7.6	5.6
Food	878.1	5.1	5.4	23.1	5.0	2.4	2.6	11.3	2.3
Clothing and shoes	332.8	2.1	4.8	–3.5	14.7	2.7	6.2	–4.3	19.9
Gasoline, fuel oil, and other energy goods	142.1	1.0	.6	1.5	–3.9	2.8	1.8	4.3	–10.3
Other	484.3	6.0	4.9	10.6	10.2	5.4	4.3	9.5	8.9
Services	3,501.8	42.5	41.1	31.3	47.1	5.2	5.0	3.7	5.6
Housing	839.3	4.7	5.4	5.6	5.2	2.3	2.7	2.7	2.5
Household operation	366.5	4.8	5.6	–3.4	5.5	5.6	6.4	–3.7	6.2
Electricity and gas	132.9	1.1	3.2	–5.2	2.7	3.5	9.9	–14.4	8.5
Other household operation	233.3	3.6	2.5	1.6	2.8	6.7	4.4	2.9	4.9
Transportation	245.5	2.2	2.5	1.5	1.6	3.6	4.2	2.6	2.7
Medical care	896.7	6.4	8.9	8.2	7.6	3.0	4.2	3.8	3.5
Recreation	243.2	6.6	7.4	3.9	6.9	12.7	13.8	6.9	12.2
Other	909.7	17.8	11.5	14.8	20.3	8.7	5.4	7.0	9.5

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA tables 2.3 and 8.9B (motor vehicles). Percent changes in major aggregates are shown in NIPA table S.1.

product—decreased to 18.2 percent in the first quarter from 18.3 percent in the fourth.

Personal consumption expenditures

Real personal consumption expenditures (PCE) increased 7.5 percent in the first quarter after increasing 5.9 percent in the fourth (table 4 and chart 2). The first-quarter increase was the ninth consecutive increase above 3.8 percent, the average annual growth rate of PCE over the current expansion. The first-quarter step-up was accounted for by accelerations in expenditures for durable goods and for services; expenditures for nondurable goods increased less in the first quarter than in the fourth.

The step-up in PCE was consistent with movements in some of the factors considered in analyses of PCE (chart 3). The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center as a measure of consumer attitudes and expectations) increased to a record level in the first quarter, and the unemployment rate remained at 4.1 percent, its lowest level in 30 years. In contrast, real DPI increased 2.2 percent after increasing 4.7 percent.

Expenditures for durable goods jumped 22.4 percent in the first quarter after increasing 13.0 percent in the fourth. The step-up was largely accounted for by an acceleration in motor vehicles and parts, mostly in trucks and recreational vehicles. Furniture and household equipment and "other" durable goods increased a little more in the first quarter than in the fourth.[4]

Expenditures for services increased 5.6 percent after increasing 3.7 percent. The step-up was accounted for by an upturn in household operations—primarily in electricity and gas—and by accelerations in "other" services and in recreation.[5] Transportation increased about the same in each quarter, and medical care and housing each increased slightly less in the first quarter than in the fourth.

4. "Other" durable goods includes jewelry and watches, ophthalmic products and orthopedic equipment, books and maps, bicycles and motorcycles, guns, and sporting equipment, photographic equipment, boats, and pleasure aircraft.

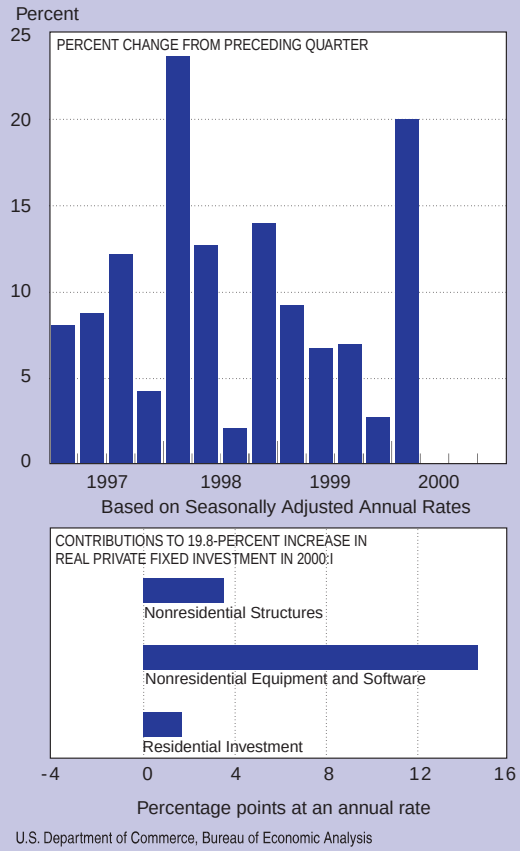
5. "Other" services includes personal care, personal business, net foreign travel, education and research, and religious and welfare activities.

CHART 3

1. Based on seasonally adjusted annual rates.
2. All civilian workers, seasonally adjusted. Data: U.S. Department of Labor, Bureau of Labor Statistics
3. Data: University of Michigan's Survey Research Center

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

CHART 4



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Expenditures for nondurable goods increased 5.6 percent after increasing 7.6 percent. The slowdown was more than accounted for by a deceleration in food and by a downturn in gasoline, fuel oil, and other energy goods. "Other" nondurable goods increased about the same in each quarter, and clothing and shoes turned up.[6]

Private fixed investment

Real private fixed investment jumped 19.8 percent in the first quarter after increasing 2.6 percent in the fourth (table 5 and chart 4). Both nonresidential fixed investment and residential investment accelerated.

Nonresidential fixed investment.—Real private nonresidential fixed investment jumped 25.2 percent in the first quarter after increasing 2.9 percent in the fourth. Equipment and software accelerated sharply, and structures turned up.

Over the past four quarters, nonresidential fixed investment increased 11.2 percent, somewhat more than the 8.8-percent average annual increase over the current expansion. Many of the factors that affect investment spending showed strength over the past four quarters: Real final sales of domestic product increased 5.2 percent; domestic corporate profits increased 9.3 percent; and the capacity utilization rate increased to 81.5 percent from 80.4 percent (chart 5). In contrast, long-term interest rates increased; for example, the yield on high-grade corporate bonds increased to 7.65 percent in the first quarter of 2000 from 6.33 percent in the first quarter of 1999.

Investment in equipment and software jumped 26.6 percent in the first quarter after increasing 4.0 percent in the fourth. The step-up was largely accounted for by an acceleration in information processing equipment and software and an upturn in transportation equipment, but an upturn in "other" equipment and a small acceleration in industrial equipment also contributed.[7] The acceleration in information processing equipment was widespread but was largest in communication equipment and in computers and peripheral equipment. The upturn in transportation equipment was also widespread.

Investment in nonresidential structures jumped 20.7 percent after edging down 0.5 percent. The upturn was largely accounted for by upturns in nonresidential buildings and in utilities.

Residential investment.—Real private residential investment increased 5.2 percent in the first quar-

6. "Other" nondurable goods includes tobacco, toilet articles, drug preparations and sundries, stationary and writing supplies, toys, film, flowers, cleaning preparations and paper products, semidurable house furnishings, and magazines and newspapers.

7. "Other" equipment includes construction and agricultural machinery, mining and oilfield machinery, electrical equipment not included in other categories, furniture and fixtures, and service-industry machinery.

Table 5.—Real Private Fixed Investment

[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1999			2000
	2000	1999			2000				
	I	II	III	IV	I	II	III	IV	I
Private fixed investment	**1,692.5**	**25.1**	**26.3**	**10.5**	**74.7**	**6.6**	**6.8**	**2.6**	**19.8**
Nonresidential	1,315.2	20.2	31.4	8.9	72.0	7.0	10.9	2.9	25.2
Structures	257.6	–3.4	–2.4	–.3	11.8	–5.3	–3.8	–.5	20.7
Nonresidential buildings, including farm	185.4	–5.4	–4.0	–.7	8.9	–11.1	–8.4	–1.6	21.8
Utilities	39.5	–.1	.5	–.5	1.5	–1.5	5.3	–5.1	17.2
Mining exploration, shafts, and wells	26.3	1.0	1.7	1.0	1.0	19.5	35.6	16.2	17.9
Other structures	6.5	1.1	–.8	–.1	.3	100.1	–38.2	–5.7	20.7
Equipment and software	1,067.7	25.2	35.7	9.8	61.3	11.2	15.7	4.0	26.6
Information processing equipment and software	582.9	30.6	25.0	15.7	41.2	28.6	21.6	12.4	34.0
Computers and peripheral equipment [1]	266.0	19.5	20.6	9.8	22.7	46.9	44.5	17.9	42.9
Software [2]	163.7	5.4	5.0	4.6	7.1	16.1	14.3	12.6	19.2
Other	195.2	10.6	6.3	3.9	16.6	29.9	15.7	9.2	42.9
Industrial equipment	160.0	1.6	3.4	4.3	5.7	4.3	9.8	11.9	15.6
Transportation equipment	208.0	.8	12.4	–7.6	11.6	1.6	28.7	–14.1	25.9
Of which: Motor vehicles	167.5	3.7	14.0	–6.9	4.4	10.3	41.0	–15.4	11.4
Other	135.6	–3.7	–3.2	–.2	5.7	–10.4	–9.2	–.5	18.5
Residential	381.6	5.1	–3.7	1.7	4.8	5.5	–3.8	1.8	5.2
Single-family structures	205.0	0	–4.1	4.8	8.5	–.1	–8.0	10.5	18.5
Multifamily structures	23.8	–.4	0	–.3	1.2	–6.5	–.8	–4.0	22.7
Other [3]	152.6	5.6	.5	–3.0	–5.1	15.4	1.2	–7.3	–12.3

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.
3. "Other" residential investment includes home improvements, new manufactured home sales, brokers' commissions on home sales, residential equipment, net purchases of used structures, and other residential structures (which consists primarily of dormitories and of fraternity and sorority houses).

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA tables 5.5 and 8.9B (motor vehicles). Percent changes in major aggregates are shown in NIPA table S.1.

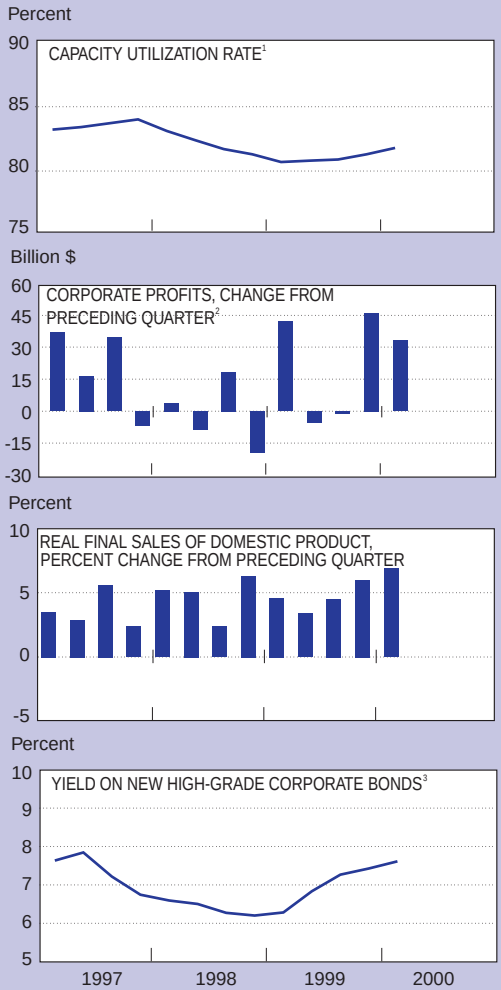
ter after increasing 1.8 percent in the fourth (table 5). The acceleration was largely accounted for by an acceleration in single-family structures, but an upturn in multifamily structures also contributed. "Other" residential investment decreased more than in the fourth quarter.[8]

Investment in single-family structures increased 18.5 percent after increasing 10.5 percent, and investment in multifamily structures increased 22.7 percent after decreasing 4.0 percent. "Other" residential investment decreased 12.3 percent after decreasing 7.3 percent; the larger first-quarter decrease was mainly attributable to brokers' commissions on home sales. These commissions decreased more in the first quarter than in the fourth, primarily reflecting a larger first-quarter decrease in sales of existing homes. The commitment rate on 30-year, fixed-rate mortgages increased to 8.3 percent from 7.8 percent; the rate has increased 1.5 percentage points since the recent low in the fourth quarter of 1998.

8. "Other" residential investment includes home improvements, new manufactured home sales, brokers' commissions on home sales, residential equipment, and other residential structures (which consists primarily of dormitories, fraternity and sorority houses).

CHART 5

Selected Factors Affecting Nonresidential Investment



1. All industries. Data: Federal Reserve Board
2. Domestic industries.
3. Data: U.S. Treasury Department

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

Inventory investment

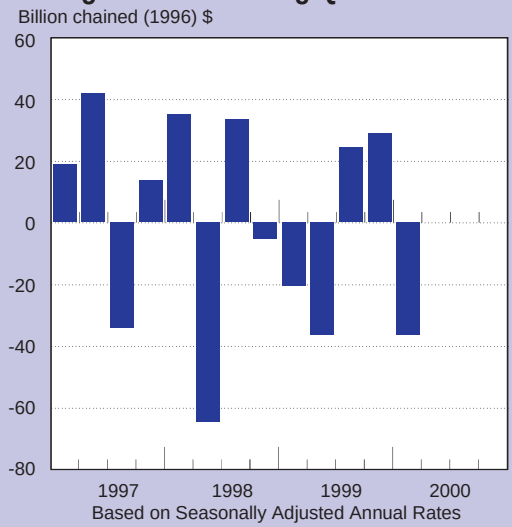
Real inventory investment—that is, the change in private inventories—decreased $36.2 billion in the first quarter, as inventory accumulation slowed to $30.5 billion from $66.7 billion; inventory investment had increased $28.7 billion in the fourth quarter (table 6 and chart 6).

The first-quarter decrease in inventory investment was more than accounted for by a $46.1 billion drop in investment at the retail level, as the stock of retail inventories decreased $1.7 billion after increasing $44.4 billion. Inventories of durable-goods retailers decreased $2.0 billion after increasing $29.1 billion; about two-thirds of the swing was accounted for by inventories of motor vehicle dealers. Inventories of nondurable-goods retailers increased $0.3 billion after increasing $15.6 billion.

In contrast, investment at the wholesale level increased, as the stock of wholesale inventories increased $21.4 billion after increasing $15.0 billion. Inventories of nonmerchant wholesalers

CHART 6

Real Private Inventory Investment: Change from Preceding Quarter



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

increased $4.7 billion after decreasing $1.2 billion; the upturn was largely accounted for by durable goods—mainly motor vehicles, professional and commercial equipment, and machinery equipment—but nondurable goods also turned up. Inventories of merchant wholesalers increased $16.7 billion after increasing $16.2 billion; an upturn in inventories of nondurable goods—primarily farm products—more than offset a slowdown in inventories of durable goods, mainly of professional and commercial equipment and of electrical goods.

Investment in manufacturing inventories also increased, as inventories increased $12.8 billion after increasing $8.2 billion. Inventories of durable-goods manufacturers increased $8.6 billion after increasing $3.0 billion. Inventories of transportation equipment increased after decreasing; the upturn was mainly in aircraft inventories. In contrast, inventories of electronic machinery slowed. Inventories of nondurable-goods manufacturers increased $4.2 billion after increasing $5.1 billion. Food inventories increased less than in the fourth quarter, and chemical inventories

Table 6.—Real Change in Private Inventories

[Billions of chained (1996) dollars; seasonally adjusted at annual rates]

	Level					Change from preceding quarter			
	1999				2000	1999			2000
	I	II	III	IV	I	II	III	IV	I
Change in private inventories	**50.1**	**14.0**	**38.0**	**66.7**	**30.5**	**–36.1**	**24.0**	**28.7**	**–36.2**
Farm	7.4	.9	–3.8	–6.7	–6.8	–6.5	–4.7	–2.9	–.1
Nonfarm	43.1	13.1	41.2	72.3	36.7	–30.0	28.1	31.1	–35.6
Manufacturing	0	–8.3	1.7	8.2	12.8	–8.3	10.0	6.5	4.6
Durable goods	1.8	–6.6	1.8	3.0	8.6	–8.4	8.4	1.2	5.6
Nondurable goods	–1.8	–1.7	0	5.1	4.2	.1	1.7	5.1	–.9
Wholesale trade	9.5	11.1	25.1	15.0	21.4	1.6	14.0	–10.1	6.4
Durable goods	11.8	11.0	11.1	17.3	16.4	–.8	.1	6.2	–.9
Nondurable goods	–2.4	.1	14.0	–2.2	5.1	2.5	13.9	–16.2	7.3
Retail trade	17.5	5.9	14.1	44.4	–1.7	–11.6	8.2	30.3	–46.1
Durable goods	9.5	4.0	11.8	29.1	–2.0	–5.5	7.8	17.3	–31.1
Of which: Motor vehicle dealers	3.1	0	9.3	15.3	–4.6	–3.1	9.3	6.0	–19.9
Nondurable goods	8.0	1.9	2.5	15.6	.3	–6.1	.6	13.1	–15.3
Other	15.7	4.1	.1	3.6	4.6	–11.6	–4.0	3.5	1.0
Durable goods	1.7	–2.0	–1.0	1.1	1.0	–3.7	1.0	2.1	–.1
Nondurable goods	14.0	6.3	1.1	2.4	3.6	–7.7	–5.2	1.3	1.2
Addenda:									
Motor vehicles	6.4	2.5	13.3	18.0	–2.2	–3.9	10.8	4.7	–20.2
Autos	1.7	–7.9	3.3	7.7	3.9	–9.6	11.2	4.4	–3.8
Trucks	4.5	9.2	9.4	9.9	–5.4	4.7	.2	.5	–15.3

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA tables 5.11 and 8.9B (motor vehicles).

Table 7.—Real Exports and Imports of Goods and Services

[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1999			2000
	2000	1999			2000				
	I	II	III	IV	I	II	III	IV	I
Exports of goods and services	**1,092.6**	**10.0**	**28.3**	**25.6**	**14.4**	**4.0**	**11.5**	**10.1**	**5.5**
Exports of goods [1]	796.8	7.7	29.2	20.4	13.1	4.3	16.9	11.1	6.8
Foods, feeds, and beverages	59.4	3.2	3.0	–.3	.6	25.9	23.3	–1.6	4.1
Industrial supplies and materials	162.2	3.0	2.6	9.4	.1	8.5	6.9	27.2	.3
Capital goods, except automotive	363.0	–1.2	23.7	4.6	6.3	–1.5	32.1	5.3	7.3
Automotive vehicles, engines, and parts	79.0	3.5	.8	.5	3.7	21.3	4.3	3.0	21.2
Consumer goods, except automotive	86.9	–.4	1.4	2.9	3.7	–2.3	7.4	15.3	19.0
Other	46.4	–.1	–1.5	2.8	–1.7	–.6	–12.2	26.4	–13.0
Exports of services [1]	297.2	2.2	.1	5.3	1.7	3.2	0	7.6	2.2
Imports of goods and services	**1,465.5**	**44.5**	**47.6**	**29.3**	**43.2**	**14.4**	**14.9**	**8.7**	**12.7**
Imports of goods [1]	1,256.0	40.5	46.4	27.9	39.2	15.5	17.3	9.7	13.5
Foods, feeds, and beverages	47.0	2.3	1.2	.4	–.6	22.9	10.7	2.9	–4.6
Industrial supplies and materials, except petroleum and products	167.2	3.4	4.5	5.7	2.5	9.3	12.1	15.1	6.3
Petroleum and products	82.2	4.7	–2.6	–6.1	5.6	25.5	–11.6	–26.3	32.9
Capital goods, except automotive	420.5	23.0	19.5	16.9	13.6	29.2	22.8	18.4	14.1
Automotive vehicles, engines, and parts	194.4	3.0	10.7	1.1	9.2	7.1	27.1	2.4	21.5
Consumer goods, except automotive	272.1	5.1	10.8	11.5	9.0	8.9	19.2	19.6	14.4
Other	74.1	1.5	2.1	.8	–1.0	8.4	12.7	4.2	–5.1
Imports of services [1]	211.4	4.3	1.8	1.7	4.2	8.9	3.6	3.4	8.3

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services.

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA table 4.4. Percent changes in major aggregates are shown in NIPA table S.1.

decreased slightly after increasing. In contrast, inventories of petroleum products and inventories of paper and allied products turned up.

"Other" nonfarm inventories increased $4.6 billion after increasing $3.6 billion.[9]

Farm inventories decreased $6.8 billion, about the same as in the fourth quarter. Crop inventories accounted for most of the decrease in both quarters.

In the first quarter, the ratio of real private nonfarm inventories to real final sales of domestic businesses decreased to 2.06 from 2.09; the inventory-sales ratio that includes only final sales of goods and structures decreased to 3.62 from 3.70 (see NIPA table 5.13).[10] Both series were at their lowest levels since 1966.

Exports and imports

Real exports of goods and services increased 5.5 percent in the first quarter after increasing 10.1 percent in the fourth; exports of both goods and services decelerated (table 7). Real imports of goods and services increased 12.7 percent after increasing 8.7 percent; imports of both goods and services accelerated.

9. "Other" nonfarm inventories includes inventories held by establishments in the following industries: Mining; construction; public utilities; transportation; communication; finance, insurance, and real estate; and services.

10. Use of the ratio that includes all final sales of domestic businesses in the denominator implies that the production of services results in a demand for inventories that is similar to that generated in the production of goods and structures. In contrast, use of the "goods and structures" ratio implies that the production of services does not generate demand for inventories. Both implications are extreme. Production of some services may require substantial inventories, while production of other services may not.

CHART 7

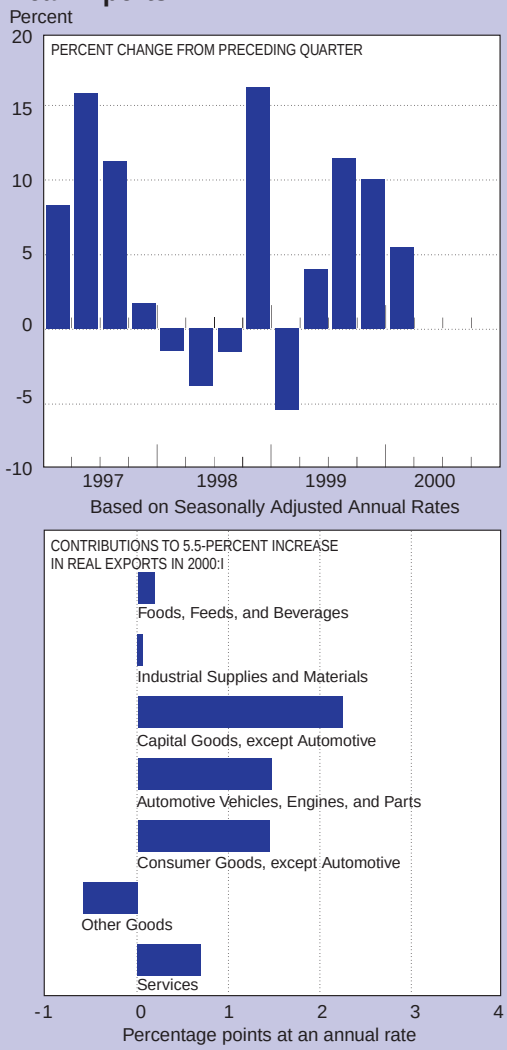
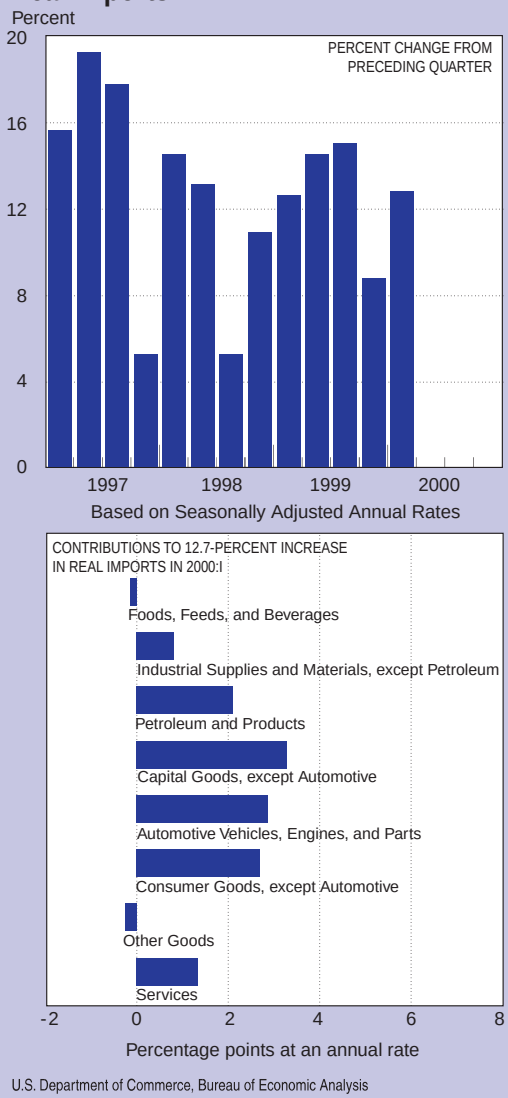


CHART 8



Exports of goods increased 6.8 percent after increasing 11.1 percent (chart 7). The deceleration was more than accounted for by a sharp slowdown in industrial supplies and materials and by a downturn in "other" goods. Automotive vehicles, engines, and parts and nonautomotive capital goods accelerated.

Exports of services increased 2.2 percent after increasing 7.6 percent. The slowdown was largely accounted for by a downturn in "other transportation" and by a deceleration in travel. In contrast, "other private services" accelerated.[11]

Imports of goods increased 13.5 percent after increasing 9.7 percent (chart 8). The step-up was more than accounted for by an upturn in petroleum and products and by an acceleration in automotive vehicles, engines, and parts. Nonpetroleum industrial supplies and materials, nonautomotive capital goods, and nonautomotive consumer goods each decelerated.

Imports of services increased 8.3 percent after increasing 3.4 percent. The step-up was largely accounted for by upturns in "other private services," direct defense expenditures, and "other transportation."[12] In contrast, passenger fares decelerated.

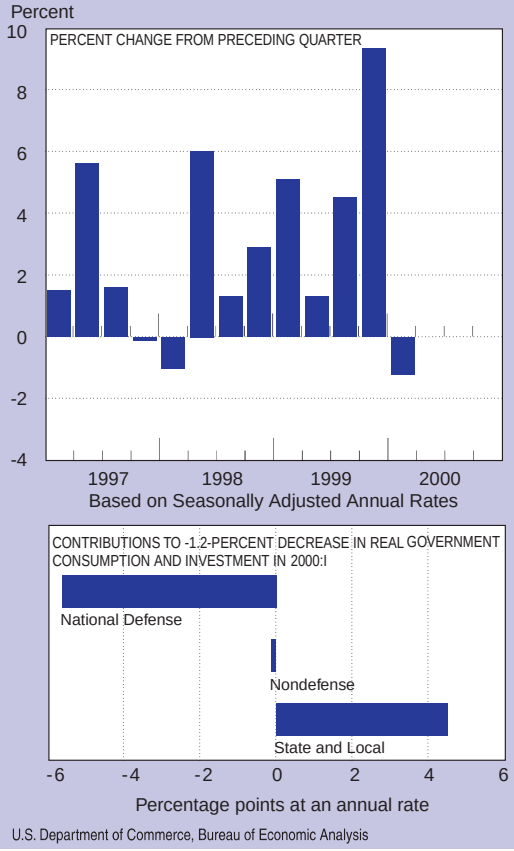
Government spending

Real government consumption expenditures and gross investment decreased 1.2 percent in the first quarter after increasing 9.3 percent in the fourth (table 8 and chart 9). A downturn in Federal Government spending more than offset a slight acceleration in State and local government spending.

Federal defense spending fell 22.3 percent after jumping 17.2 percent. Consumption spending turned down sharply, largely reflecting a downturn in services other than for compensation of employees and for consumption of fixed capital.

CHART 9

Real Government Consumption and Investment



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11. Exports of other private services includes education; financial; telecommunications; insurance; and business, professional, and technical.
12. Imports of other private services includes education; financial; telecommunications; insurance; and business, professional, and technical.

Table 8.—Real Government Consumption Expenditures and Gross Investment

[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter				1999			2000
	2000	1999			2000				
	I	II	III	IV	I	II	III	IV	I
Government consumption expenditures and gross investment [1]	**1,564.8**	**4.9**	**17.0**	**34.3**	**–4.8**	**1.3**	**4.5**	**9.3**	**–1.2**
Federal	535.8	2.9	5.4	18.8	–22.5	2.1	4.1	14.7	–15.1
National defense	340.2	–2.2	9.1	14.1	–22.2	–2.6	11.2	17.2	–22.3
Consumption expenditures	285.4	–4.6	9.1	10.9	–19.5	–6.2	13.4	15.6	–23.2
Gross investment	55.2	2.5	–.1	3.3	–2.6	20.7	–.8	27.0	–17.3
Nondefense	195.4	5.0	–3.6	4.8	–.5	10.9	–7.1	10.3	–.9
Consumption expenditures	153.8	1.3	–2.2	2.3	1.8	3.6	–5.8	6.3	5.0
Gross investment	41.9	3.8	–1.3	2.6	–2.6	45.6	–12.0	27.0	–21.1
State and local	1,028.5	2.2	11.5	15.6	17.4	.9	4.8	6.4	7.0
Consumption expenditures	817.4	6.9	7.6	6.9	6.7	3.5	3.9	3.4	3.4
Gross investment	211.6	–4.9	3.9	9.0	10.9	–9.7	8.6	20.2	23.4

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

NOTE.—See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals are shown in NIPA table 3.8. Percent changes in major aggregates are shown in NIPA table S.1.

Investment spending also turned down, largely reflecting a downturn in equipment and software; structures decreased slightly after no change.

Federal nondefense spending decreased 0.9 percent after increasing 10.3 percent. Investment spending turned down, largely reflecting a downturn in equipment and software, and consumption spending increased a little less than in the fourth quarter.

State and local government spending increased 7.0 percent after increasing 6.4 percent. The pickup was attributable to investment spending and reflected accelerations both in structures and in equipment and software; consumption spending increased about the same amount in both quarters.

Table 9.—Revisions to Change in Real Gross Domestic Product and Prices, First Quarter 2000

[Seasonally adjusted at annual rates]

	Percent change from preceding quarter		Preliminary estimate minus advance estimate	
	Advance estimate	Preliminary estimate	Percentage points	Billions of chained (1996) dollars
Gross domestic product	**5.4**	**5.4**	**0**	**0.1**
Less: Exports	–.2	5.5	5.7	14.9
Goods	–.3	6.8	7.1	13.7
Services	.1	2.2	2.1	1.6
Plus: Imports	9.5	12.7	3.2	10.7
Goods	10.1	13.5	3.4	9.6
Services	6.0	8.3	2.3	1.1
***Equals*: Gross domestic purchases**	**6.5**	**6.4**	**–.1**	**–4.0**
Less: Change in private inventories	.....	.....	.....	–.6
Farm	.....	.....	.....	1.0
Nonfarm	.....	.....	.....	–1.4
***Equals*: Final sales to domestic purchasers**	**8.0**	**7.9**	**–.1**	**–3.0**
Personal consumption expenditures	8.3	7.5	–.8	–10.9
Durable goods	26.6	22.4	–4.2	–7.5
Nondurable goods	6.9	5.6	–1.3	–5.7
Services	5.4	5.6	.2	1.2
Fixed investment	17.3	19.8	2.5	8.8
Nonresidential	21.2	25.2	4.0	10.6
Structures	13.4	20.7	7.3	4.0
Equipment and software	23.7	26.6	2.9	6.3
Residential	6.7	5.2	–1.5	–1.3
Government consumption expenditures and gross investment	–1.1	–1.2	–.1	–.4
Federal	–15.5	–15.1	.4	.6
National defense	–23.2	–22.3	.9	1.0
Nondefense	–.2	–.9	–.7	–.4
State and local	7.4	7.0	–.4	–.9
Addenda:				
Final sales of domestic product	6.9	6.9	0	1.1
Gross domestic purchases price index	3.2	3.2	0	.....
GDP price index	2.7	2.7	0	.....

NOTE.—The preliminary estimates for the first quarter of 2000 incorporate the following revised or additional major source data that were not available when the advance estimates were prepared.

Personal consumption expenditures: Retail sales for October 1999 though and March 2000 (revised, including the incorporation of data from the 1998 Annual Retail Trade Survey on a best-change basis—that is, reflecting the revised change in retail sales from the fourth quarter of 1999 to the first quarter of 2000), consumers' share of new-car purchases for March, average unit value for domestic new autos for March (revised), and consumers' share of new-truck purchases for March.

Nonresidential fixed investment: Construction put-in-place for January and February (revised) and March, manufacturers' shipments of machinery and equipment for February and March (revised), and exports and imports of machinery and equipment for February (revised) and March.

Residential fixed investment: Construction put-in-place for January and February (revised) and March.

Change in private inventories: Manufacturing inventories February (revised) and March, retail and wholesale trade inventories December through February (revised, including the incorporation on a best-change basis of data based on the results of the 1998 Annual Retail Trade Survey and 1998 Annual Trade Survey) and March, and unit inventory data for autos for March (revised).

Exports and imports of goods and services: Exports and imports of goods for February (revised) and March.

Government consumption expenditures and gross investment: Monthly Treasury Statement detailed data for March, Department of Defense detailed financial reports for the first quarter, and State and local government construction put-in-place for January and February (revised) and March.

Wages and salaries: Employment, average hourly earnings, and average weekly hours for February and March (revised).

GDP prices: Detailed merchandise export and import price indexes for January through March (revised), unit-value index for petroleum imports for February (revised) and March, and housing prices for the first quarter.

Revisions

The preliminary estimate of a 5.4-percent increase in real GDP in the first quarter is unchanged from the advance estimate (table 9); for 1978-99, the average revision, without regard to sign, from the advance estimate to the preliminary estimate was 0.5 percentage point.

Among the major components, upward revisions to exports of goods and services and to nonresidential fixed investment were mostly offset by a downward revision to PCE and an upward revision to imports of goods and services.

The upward revision to exports of goods and services was primarily to goods—mainly to nonautomotive capital goods and to industrial supplies and materials—and reflected the incorporation of newly available Census Bureau data for March and revised data for February.

The upward revision to nonresidential fixed investment was both to equipment and software and to structures. The upward revision to equipment and software was more than accounted for by transportation equipment, primarily aircraft, and reflected the incorporation of newly available Census Bureau data on aircraft shipments for March. The upward revision to structures was widespread by type of structure and reflected the incorporation of newly available Census Bureau data on value-put-in-place for March and revised data for January and February.

The downward revision to PCE was more than accounted for by durable and nondurable goods. The downward revision to durable goods was to furniture and household equipment and to "other" durable goods, and the downward revision to nondurable goods was mostly to clothing and shoes. These revisions reflected the incorporation of revised Census Bureau data on retail sales, primarily from the 1998 Annual Retail Trade Survey.

The upward revision to imports of goods and services was primarily to goods—mainly to nonautomotive consumer goods—and reflected the incorporation of newly available Census Bureau data for March and revised data for February.

The preliminary estimates of the increases in real and current-dollar disposable personal income were 2.2 percent and 5.5 percent, respectively; both estimates were 1.0 percentage point less than the advance estimates. Personal income was revised down slightly, and personal tax and nontax payments was revised up substantially (see

"Government Sector"). The preliminary estimate of the personal saving rate was 0.6 percent, 0.1 percentage point less than the advance estimate.

Corporate Profits

Profits from current production increased $34.5 billion (or 3.8 percent at a quarterly rate) in the first quarter, about the same as in the fourth quarter (table 10).[13] In the first quarter, profits were reduced $5.5 billion by tobacco company payments related to out-of-court settlements; in the fourth quarter, they had been reduced $11.2 billion by these payments.

The first-quarter increase in the profits was almost entirely accounted for by profits of domestic nonfinancial corporations, which increased $32.6 billion (5.2 percent). An increase in the unit profits of these corporations resulted from increased unit prices and unchanged unit costs; the real product of domestic nonfinancial corporations increased 7.3 percent (annual rate). Profits of domestic financial corporations increased $0.6 billion (0.3 percent). Profits from the rest of the world increased $1.4 billion (1.4 percent), as receipts of earnings from foreign affiliates of U.S. corporations increased more than payments by U.S. affiliates of foreign corporations.[14]

Cash flow from current production, a profits-related measure of internally generated funds available for investment, increased $29.9 billion after increasing $20.9 billion.[15] The ratio of cash flow to nonresidential fixed investment, an indicator of the share of the current level of investment that could be financed by internally generated funds, decreased from 79.8 percent to 77.8 percent (its lowest value since the third quarter of 1990). During 1991-99, the ratio fluctuated between 78.6 percent and 94.0 percent, and it averaged 85.1 percent.

Domestic industry profits and related measures.—Domestic industry profits increased $34.2 billion after increasing $44.9 billion.[16] Profits of domestic nonfinancial corporations increased $32.0 bil-

13. Profits from current production is estimated as the sum of profits before tax, the inventory valuation adjustment, and the capital consumption adjustment; it is shown in NIPA tables 1.9, 1.14, 1.16, and 6.16C (see "Selected NIPA Tables," which begins on page D-2 of this issue) as corporate profits with inventory valuation and capital consumption adjustments.
Percent changes in profits are shown at quarterly, not annual, rates.

14. Profits from the rest of the world is calculated as (1) receipts by U.S. residents of earnings from their foreign affiliates plus dividends received by U.S. residents from unaffiliated foreign corporations minus (2) payments by U.S. affiliates of earnings to their foreign parents plus dividends paid by U.S. corporations to unaffiliated foreign residents. These estimates include capital consumption adjustments (but not inventory valuation adjustments) and are derived from BEA's international transactions accounts.

15. Cash flow from current production is undistributed profits with inventory valuation and capital consumption adjustments plus the consumption of fixed capital.

16. Domestic industry profits are estimated as the sum of corporate profits before tax and the inventory valuation adjustment; they are shown in NIPA table 6.16C (on page D-16 of this issue). Estimates of the capital consumption adjustment do not exist at a detailed industry level; they are available only for total financial and total nonfinancial industries.

Table 10.—Corporate Profits

[Seasonally adjusted]

	Billions of dollars (annual rate)					Percent change (quarterly rate)			
	Level	Change from preceding quarter				1999			2000
	2000	1999			2000				
	I	II	III	IV	I	II	III	IV	I
Profits from current production	**953.9**	**–6.4**	**3.6**	**35.3**	**34.5**	**–0.7**	**0.4**	**4.0**	**3.8**
Domestic industries	855.0	–5.5	–1.1	45.9	33.1	–.7	–.1	5.9	4.0
Financial	202.1	–7.8	4.4	19.5	.6	–4.2	2.5	10.7	.3
Nonfinancial	652.9	2.3	–5.5	26.3	32.6	.4	–.9	4.4	5.2
Rest of the world	98.9	–1.0	4.8	–10.6	1.4	–.9	4.6	–9.8	1.4
Receipts (inflows)	185.2	7.1	5.4	4.5	11.2	4.5	3.3	2.7	6.4
Payments (outflows)	86.3	8.1	.6	15.1	9.8	15.2	1.0	24.6	12.8
IVA	–26.7	–26.9	–13.1	1.8	–1.8				
CCAdj	56.9	2.7	–1.2	1.0	–1.1				
Profits before tax	923.7	17.7	18.0	32.5	37.4	2.2	2.1	3.8	4.2
Profits tax liability	288.7	6.4	5.0	16.3	13.0	2.6	2.0	6.3	4.7
Profits after tax	635.0	11.3	12.9	16.3	24.4	2.0	2.2	2.7	4.0
Cash flow from current production	979.8	–6.7	12.3	20.9	29.9	–.7	1.3	2.2	3.2
Domestic industry profits:									
Corporate profits of domestic industries with IVA	798.1	–8.2	.1	44.9	34.2	–1.1	0	6.2	4.5
Financial	227.1	–7.0	5.6	21.0	2.2	–3.4	2.8	10.3	1.0
Nonfinancial	571.0	–1.3	–5.5	23.9	32.0	–.2	–1.1	4.6	5.9
	Dollars								
Unit price, costs, and profits of nonfinancial corporations:									
Unit price	1.018	0.003	0	0.002	0.004				
Unit labor cost	.657	.003	0	–.002	0				
Unit nonlabor cost	.236	0	.003	.001	0				
Unit profits from current production	.125	–.001	–.003	.003	.004				

NOTE.—Levels of these and other profits series are shown in NIPA tables 1.14, 1.16, 6.16C, and 7.15.

IVA inventory valuation adjustment
CCAdj Capital consumption adjustment

lion after increasing $23.9 billion. The step-up was accounted for by an upturn in manufacturing profits and a step-up in retail trade profits; in contrast, profits of the transportation and public utilities group, of wholesale trade, and of "other" nonfinancial corporations increased less than in the fourth quarter. Profits of domestic financial corporations increased $2.2 billion after increasing $21.0 billion; the large fourth-quarter increase reflected a rebound from the effects of Hurricane Floyd in the third quarter.

Profits before tax (PBT) increased $37.4 billion after increasing $32.5 billion. The difference between the first-quarter increase in PBT and the increase in profits from current production was due to small decreases in the inventory valuation adjustment and in the capital consumption adjustment.[17]

Table 11.—Government Sector Current Receipts and Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

	Level	Change from preceding quarter				
	2000	1999				2000
	I	I	II	III	IV	I
Current receipts	2938.2	36.4	37.8	46.1	72.1	65.6
Current expenditures	2695.2	4.0	28.4	19.1	73.9	3.5
Current surplus or deficit(–)	243.0	32.4	9.4	27.0	–1.8	62.1
Social insurance funds	83.7	5.7	3.7	3.3	2.2	1.8
Other	159.4	26.7	5.7	23.7	–4.0	60.4
Federal Government						
Current receipts	1976.8	33.2	26.6	30.0	39.2	54.5
Personal tax and nontax receipts	949.6	9.8	14.2	15.9	14.7	26.9
Corporate profits tax accruals	247.9	10.0	5.5	4.3	14.3	11.2
Indirect business tax and nontax accruals	107.7	–0.1	0.5	1.5	3.5	2.7
Contributions for social insurance	671.5	13.4	6.4	8.3	6.7	13.6
Current expenditures	1790.5	–4.6	6.1	14.3	60.9	–19.7
Consumption expenditures	483.4	7.0	–1.8	9.8	16.9	–8.5
National defense	310.5	1.2	–3.8	11.3	13.4	–15.0
Nondefense	172.9	5.9	2.0	–1.5	3.6	6.4
Transfer payments (net)	773.5	1.3	6.3	5.1	15.3	3.4
To persons	766.8	13.1	3.9	5.9	6.0	14.4
To the rest of the world	6.7	–11.9	2.4	–0.7	9.2	–11.0
Grants-in-aid to State and local governments	234.4	5.7	–4.2	14.9	5.0	–1.2
Net interest paid	263.9	–8.3	–1.2	–4.9	0.7	3.3
Subsidies less current surplus of government enterprises	35.3	–10.3	6.9	–10.5	22.8	–16.5
Subsidies	40.6	–8.4	6.9	–10.3	22.9	–16.4
Of which: Agricultural subsidies	18.6	–8.0	7.3	–10.1	22.5	–16.7
Less: Current surplus of government enterprises	5.3	1.8	0.1	0.2	0.1	0.1
Less: Wage accruals less disbursements	0	0	0	0	0	0
Current surplus or deficit (–)	186.3	37.9	20.5	15.7	–21.6	74.1
Social insurance funds	82.4	5.9	3.4	3.3	2.0	1.5
Other	103.9	32.0	17.1	12.4	–23.6	72.6
State and local governments						
Current receipts	1195.8	8.9	7.0	31.0	37.9	9.9
Personal tax and nontax receipts	263.1	2.0	0.4	5.1	8.7	2.0
Corporate profits tax accruals	40.9	2.3	1.0	0.6	2.1	1.8
Indirect business tax and nontax accruals	645.6	–1.1	9.7	10.0	21.8	7.0
Contributions for social insurance	11.9	0	0.2	0.3	0.3	0.4
Federal grants-in-aid	234.4	5.7	–4.2	14.9	5.0	–1.2
Current expenditures	1139.1	14.3	18.2	19.7	18.0	22.0
Consumption expenditures	902.2	10.2	16.0	18.1	15.9	19.8
Transfer payments to persons	250.3	3.4	1.7	1.7	2.5	2.5
Net interest paid	–0.4	0.8	0.3	0.1	0	0.2
Less: Dividends received by government	0.4	0	0	0	0	0.1
Subsidies less current surplus of government enterprises	–12.6	0	0	–0.1	–0.5	–0.4
Subsidies	0.5	0	0	0	0	0
Less: Current surplus of government enterprises	13.1	0	0	0.1	0.5	0.4
Less: Wage accruals less disbursements	0	0	0	0	0	0
Current surplus or deficit (–)	56.7	–5.5	–11.1	11.3	19.9	–12.1
Social insurance funds	1.3	–0.1	0.2	0	0.2	0.3
Other	55.5	–5.2	–11.4	11.3	19.6	–12.2

Government Sector

The combined current surplus of the Federal Government and of State and local governments—the NIPA measure of net saving by government—increased $62.1 billion, to $243.0 billion, in the first quarter after decreasing $1.8 billion in the fourth (table 11).[18] The upturn was attributable to a turnaround in the Federal Government current surplus. The State and local government current surplus turned down.[19]

Federal

The Federal Government current surplus increased $74.1 billion, to $186.3 billion, in the first quarter after decreasing $21.6 billion in the fourth. The turnaround was accounted for by a sharp downturn in current expenditures, but an acceleration in current receipts also contributed.

Current receipts.—Federal current receipts increased $54.5 billion in the first quarter after increasing $39.2 billion in the fourth. The acceleration was more than accounted for by step-ups in personal tax and nontax receipts and in contributions for social insurance. In contrast, corporate profits tax accruals and indirect business tax and nontax accruals decelerated.

Personal tax and nontax receipts increased $26.9 billion after increasing $14.7 billion.

17. As prices change, companies that value inventory withdrawals at original acquisition (historical) costs may realize inventory profits or losses. Inventory profits--a capital-gains-like element in profits--result from an increase in inventory prices, and inventory losses--a capital-loss-like element in profits--result from a decrease in inventory prices. In the NIPA's, inventory profits or losses are removed from business incomes by the inventory valuation adjustment (IVA); a negative IVA removes inventory profits, and a positive IVA removes inventory losses.

The capital consumption adjustment converts depreciation valued at historical cost and based on service lives and depreciation patterns specified in the tax code to depreciation valued at replacement cost and based on empirical evidence on the prices of used equipment and structures in resale markets. For more information on depreciation in the NIPA's, see Shelby W. Herman, "Fixed Assets and Consumer Durable Goods: Estimates for 1925-98," SURVEY of CURRENT BUSINESS 80 (April 2000): 17-30.

18. Net saving equals gross saving less consumption of fixed capital (CFC); the estimates of gross saving, CFC, and net saving are shown in NIPA table 5.1.

For NIPA estimates of government current receipts, current expenditures, and the current surplus or deficit for 1998 and 1999, see NIPA tables 3.1, 3.2, and 3.3 in this issue. These tables also present "net lending or borrowing," which is conceptually similar to "net financial investment" in the flow-of-funds accounts prepared by the Board of Governors of the Federal Reserve System. The two measures differ primarily because government net lending or borrowing is estimated from data for transactions, whereas net financial investment is estimated from data for financial assets. There are also small conceptual differences, such as the classification of the Federal Government's railroad retirement and veterans life insurance programs.

19. The NIPA estimates for the government sector are based on financial statements for the Federal Government and for State and local governments, but they differ from them in several respects. For the major differences, see NIPA tables 3.18B on page 67 and 3.19 on page 68 of the April 2000 SURVEY.

Receipts from income taxes increased $26.5 billion after increasing $14.5 billion; the acceleration was more than accounted for by increases in projected levels of "estimated income tax payments and final settlements, less refunds" for 2000. The projected levels for these taxes were revised up on the basis of actual collections data from the *Monthly Treasury Statement* through April and from the Daily Treasury Statement through May 17, and projections for the remainder of the calendar year that are based on historical collections patterns; in the advance estimate, the tax estimate was based on projections from the Federal budget.

Contributions for social insurance increased $13.6 billion after increasing $6.7 billion. The acceleration primarily reflected an increase in the social security taxable wage base that boosted contributions by employers, employees, and the self-employed to the old-age, survivors, disability, and health insurance trust funds.

Corporate profits tax accruals increased $11.2 billion after increasing $14.3 billion. The deceleration reflected a deceleration in domestic corporate profits before tax.

Indirect business tax and nontax accruals increased $2.7 billion after increasing $3.5 billion. The deceleration was more than accounted for by customs duties, which decreased $2.0 billion after increasing $1.0 billion, and by nontaxes, which were unchanged after increasing $1.3 billion. In contrast, excise taxes increased $4.6 billion after increasing $1.2 billion; within excise taxes, tobacco excise taxes increased $4.1 billion after increasing $0.5 billion.

Current expenditures.—Current expenditures decreased $19.7 billion in the first quarter after increasing $60.9 billion in the fourth. The downturn was accounted for by downturns in "subsidies less the current surplus of government enterprises," in consumption expenditures, and in grants-in-aid to State and local governments and by a deceleration in "transfer payments (net)." In contrast, "net interest paid" accelerated.

Subsidies less current surplus of government enterprises" decreased $16.5 billion after increasing $22.8 billion. The downturn was accounted for by agricultural subsidies, which decreased $16.7 billion after increasing $22.5 billion; special payments to farmers for drought-related losses were smaller in the first quarter than in the fourth (these payments are provided under the Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriation Act).

Consumption expenditures decreased $8.5 billion after increasing $16.9 billion. The downturn was more than accounted for by defense consumption expenditures, which decreased $15.0 billion after increasing $13.4 billion; within defense consumption expenditures, services decreased $16.2 billion after increasing $14.9 billion. The downturn in services was moderated by an upturn in compensation of employees, which increased $4.7 billion after decreasing $0.7 billion; compensation was boosted $5.2 billion by the January 2000 pay raise.

Nondefense consumption expenditures increased $6.4 billion after increasing $3.6 billion. The acceleration was primarily accounted for by services, which increased $5.7 billion after increasing $3.2 billion. Within services, compensation of employees increased $5.2 billion after increasing $1.3 billion; compensation was boosted $3.2 billion by the January 2000 pay raise and $1.2 billion by the addition of more than 84,000 temporary workers for the Bureau of the Census.

"Transfer payments (net)" increased $3.4 billion after increasing $15.3 billion. The deceleration was accounted for by transfer payments to the rest of the world, which decreased $11.0 billion after increasing $9.2 billion; these payments had been boosted in the fourth quarter by the annual payment of $2.4 billion ($9.6 billion at an annual rate) to Israel for economic support and by other payments. In contrast, transfer payments to persons increased $14.4 billion after increasing $6.0 billion. The step-up mainly reflected a 2.4-percent cost-of-living adjustment in January that boosted benefits $10.8 billion for social security (old-age, survivors, disability, and health insurance), veterans pensions, supplemental security income, and other programs.

Grants-in-aid to State and local governments decreased $1.2 billion after increasing $5.0 billion. The downturn was mostly attributable to downturns in grants for medicaid and for "welfare and social services."

Net interest paid increased $3.3 billion after increasing $0.7 billion. The step-up was accounted for by an acceleration in interest paid by the rest of the world and by decreases in interest paid to persons and business that were smaller in the first quarter than in the fourth.

State and local

The State and local government current surplus decreased $12.1 billion, to $56.7 billion, in the first quarter after increasing $19.9 billion in the fourth. The downturn was mostly accounted for

by a deceleration in current receipts, but an acceleration in current expenditures also contributed.

Current receipts.—State and local government current receipts increased $9.9 billion after increasing $37.9 billion. The deceleration was primarily accounted for by a deceleration in indirect business tax and nontax accruals. Personal tax and nontax receipts and corporate profits tax accruals also decelerated, and Federal grants-in-aid turned down.

Indirect business tax and nontax accruals increased $7.0 billion after increasing $21.8 billion. The deceleration was accounted for by nontax accruals, which decreased $4.6 billion after increasing $11.1 billion. In the fourth quarter, nontax accruals had been boosted $2.8 billion ($11.2 billion at an annual rate) by the out-of-court settlement payments to the States by tobacco companies.

Personal tax and nontax receipts increased $2.0 billion after increasing $8.7 billion. The deceleration was mostly accounted for by a deceleration in personal income taxes, which increased $1.3 billion after increasing $7.9 billion, reflecting the effects of changes in the tax laws and an increase in refunds.

Corporate profits tax accruals increased $1.8 billion after increasing $2.1 billion, reflecting the deceleration in domestic corporate profits before tax.

Current expenditures.—Current expenditures increased $22.0 billion after increasing $18.0 billion. The acceleration was accounted for by an acceleration in consumption expenditures.

Consumption expenditures increased $19.8 billion after increasing $15.9 billion. The acceleration was more than attributable to a step-up in expenditures for nondurable goods, which increased $8.0 billion after increasing $3.3 billion, mostly as a result of higher prices for petroleum products.

Note on Rates of Return for Domestic Nonfinancial Corporations: Revised Estimates for 1960–98

THE MOST RECENT COMPREHENSIVE revision of the national income and product accounts (NIPA's) has resulted in revisions to rates of return and related measures for domestic nonfinancial corporations.[1] This note presents the revised estimates. (Estimates for 1999 and revised estimates for 1997 and 1998 will be available after the upcoming annual revision of the NIPA's.)

1. See Shelby W. Herman, "Fixed Assets and Consumer Durable Goods," SURVEY OF CURRENT BUSINESS 80 (April 2000): 17–30; and Brent R. Moulton, "Improved Estimates of the National Income and Product Accounts for 1929–99: Results of the Comprehensive Revision," SURVEY 80 (April 2000): 11–16.

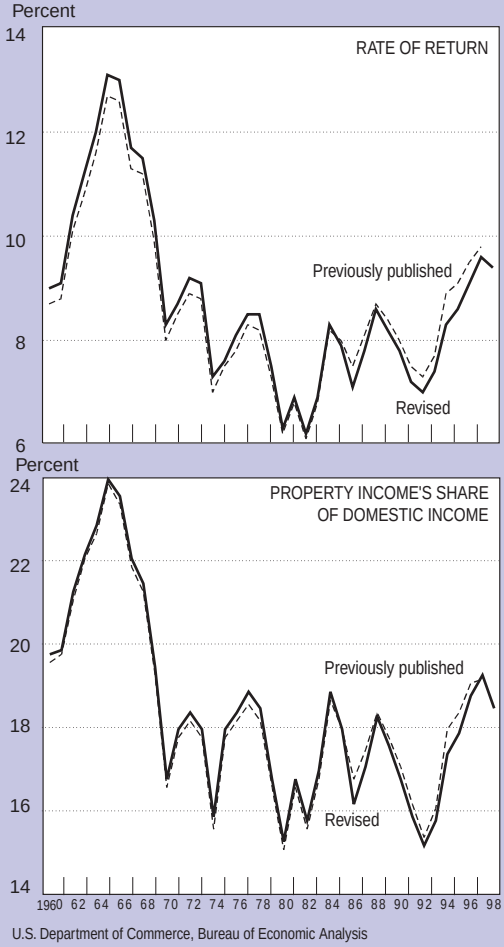
NOTE.—This note was prepared by Daniel Larkins.

According to the revised estimates, the rate of return to property was 9.6 percent in 1997 and 9.4 percent in 1998—the two highest rates in more than 25 years (table 1). Property's share of income was 19.3 percent in 1997 and 18.5 percent in 1998, both of which are well above the average level for the past three decades.

The revised and the previously published series are very similar over the entire period (chart 1). Both the revised rate of return and the previously published rate peaked in 1997 after rising 2.4 percentage points from a trough in 1992 (the first year of the current

CHART 1

Rate of Return and Property Income's Share of Domestic Income, Domestic Nonfinancial Corporations, 1960–98



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

Table 1.—Rate of Return and Income Share, Domestic Nonfinancial Corporations, 1960–98

[Percent]

Year	Rate of return			Share of domestic income		
	Domestic property income			Domestic property income		
	Total	Profits from current production	Net interest	Total	Profits from current production	Net interest
	(1)	(2)	(3)	(4)	(5)	(6)
1960	9.0	8.3	0.7	19.8	18.2	1.5
1961	9.1	8.3	.8	19.9	18.2	1.7
1962	10.4	9.5	.9	21.3	19.5	1.8
1963	11.2	10.3	.9	22.2	20.5	1.8
1964	12.0	11.0	1.0	22.9	21.1	1.8
1965	13.1	12.1	1.0	24.1	22.2	1.9
1966	13.0	11.9	1.1	23.6	21.5	2.1
1967	11.7	10.4	1.2	22.1	19.7	2.3
1968	11.5	10.2	1.3	21.5	19.0	2.5
1969	10.3	8.7	1.6	19.5	16.5	3.0
1970	8.3	6.4	1.9	16.8	13.1	3.8
1971	8.7	6.9	1.8	18.0	14.3	3.7
1972	9.2	7.4	1.8	18.4	14.9	3.5
1973	9.1	7.3	1.9	18.0	14.3	3.7
1974	7.3	5.3	2.0	15.9	11.6	4.3
1975	7.6	5.9	1.7	18.0	14.0	4.1
1976	8.1	6.6	1.5	18.4	15.0	3.4
1977	8.5	7.0	1.5	18.9	15.5	3.4
1978	8.5	6.9	1.6	18.5	15.0	3.5
1979	7.5	5.7	1.7	16.8	12.9	3.9
1980	6.3	4.4	1.9	15.3	10.6	4.7
1981	6.9	4.8	2.1	16.8	11.7	5.1
1982	6.2	4.0	2.2	15.8	10.1	5.7
1983	6.9	4.9	2.0	17.0	12.1	5.0
1984	8.3	6.1	2.2	18.9	13.9	5.0
1985	7.9	5.8	2.2	18.0	13.1	4.9
1986	7.1	4.8	2.3	16.2	11.0	5.1
1987	7.8	5.5	2.3	17.1	12.0	5.1
1988	8.6	6.0	2.6	18.3	12.8	5.5
1989	8.2	5.2	3.0	17.6	11.2	6.4
1990	7.8	4.9	2.9	16.8	10.5	6.3
1991	7.2	4.6	2.6	15.9	10.2	5.8
1992	7.0	5.0	2.0	15.2	10.8	4.4
1993	7.4	5.6	1.8	15.8	12.0	3.9
1994	8.3	6.6	1.8	17.4	13.7	3.7
1995	8.6	6.8	1.8	17.9	14.2	3.7
1996	9.1	7.5	1.6	18.8	15.5	3.3
1997	9.6	7.9	1.7	19.3	15.9	3.4
1998	9.4	7.7	1.7	18.5	15.2	3.3
Average:						
1960–69	11.1	10.1	1.0	21.7	19.6	2.0
1970–79	8.3	6.5	1.7	17.8	14.0	3.7
1980–89	7.4	5.1	2.3	17.1	11.9	5.2
1990–98	8.3	6.3	2.0	17.3	13.1	4.2

Source: Table 2.

NOTE.—Columns 1–3 are percentages of the net stock of produced assets (averages of end-of-year values for adjacent years) valued at current cost. Columns 4–6 are percentages of domestic income.

economic expansion). For 1960–97, the average revision without regard to sign is 0.3 percentage point.

The revised estimate of property's share of income and the previously published estimate also peaked in 1997 after rising from a 1992 trough; the revised estimate increased 4.1 percentage points over this period, and the previously published estimate increased 3.8 percentage points. For 1960–97, the average revision without regard to sign is 0.2 percentage point.

The rate of return is calculated as the ratio of "property income" to "produced assets." Property income is profits of domestic nonfinancial corporations with inventory valuation and capital consumption adjustments plus net interest (table 2).[2] "Produced assets" is the current-cost value for domestic nonfinancial corporations of the net stock of equipment and software and of structures and the replacement-cost value of inventories.[3]

Property's share of income is calculated as the ratio of domestic property income to domestic income; it is the portion of domestic income that is not labor income.

Table 2.—Property Income of Domestic Nonfinancial Corporations and Related Series, 1960–98

[Billions of dollars]

Year	Domestic property income			Domestic income	Produced assets [1]
	Total	Profits from current production	Net interest		
	(1)	(2)	(3)	(4)	(5)
1960	44.6	41.1	3.5	225.6	499.3
1961	46.1	42.1	4.0	231.3	511.2
1962	54.1	49.6	4.5	254.1	528.6
1963	60.3	55.5	4.8	271.2	546.5
1964	67.2	61.9	5.3	293.7	575.5
1965	78.3	72.2	6.1	324.6	615.6
1966	84.4	77.0	7.4	358.2	681.8
1967	82.7	73.9	8.8	374.9	736.5
1968	88.4	78.3	10.1	411.5	803.1
1969	86.7	73.5	13.2	445.2	885.0
1970	76.5	59.4	17.1	454.6	963.9
1971	87.9	69.8	18.1	489.1	1,047.7
1972	100.3	81.1	19.2	546.2	1,135.6
1973	110.7	88.2	22.5	615.2	1,289.4
1974	105.0	76.7	28.3	660.1	1,591.8
1975	127.2	98.5	28.7	705.8	1,743.2
1976	147.4	119.9	27.5	802.4	1,921.0
1977	172.0	141.3	30.7	912.0	2,133.9
1978	192.8	156.5	36.3	1,043.8	2,425.6
1979	195.1	150.1	45.0	1,161.3	2,807.1
1980	190.8	132.7	58.1	1,247.8	3,212.9
1981	236.2	164.4	71.8	1,406.1	3,600.2
1982	228.8	146.3	82.5	1,444.9	3,788.9
1983	263.0	186.4	76.6	1,542.9	3,884.3
1984	330.6	242.9	87.7	1,752.1	4,124.0
1985	334.2	243.7	90.4	1,856.4	4,301.2
1986	309.1	210.7	98.4	1,912.9	4,429.5
1987	353.3	248.3	105.1	2,069.7	4,645.5
1988	412.2	288.6	123.6	2,256.2	4,931.4
1989	416.1	264.2	151.8	2,362.7	5,190.7
1990	414.6	258.5	156.0	2,467.3	5,440.1
1991	395.7	252.8	143.0	2,482.6	5,515.5
1992	392.2	278.9	113.3	2,586.5	5,687.4
1993	431.2	325.3	105.9	2,721.9	5,961.7
1994	510.4	402.5	107.9	2,940.6	6,308.3
1995	558.3	442.5	115.8	3,111.0	6,652.2
1996	617.8	509.1	108.7	3,284.9	6,956.5
1997	682.7	563.1	119.6	3,542.8	7,298.0
1998	700.1	576.7	123.5	3,790.6	7,653.4

1. Produced assets consist of structures, equipment and software, and inventories; they are valued at current cost at end of year. The estimates for structures and equipment and software are available on the BEA Web site; go to <bea.doc.gov/bea/dn1.htm> and click on "Data files for the 15 tables in the above article." The estimates for domestic nonfinancial corporations are in files "7kcu.txt" and "9kcu.txt". Inventories are from legal-form and industry detail underlying NIPA table 5.12.

NOTE.—Property income is profits from current production plus net interest. Profits from current production is corporate profits with inventory valuation adjustment and capital consumption adjustment. Profits after tax is also shown with inventory valuation adjustment and capital consumption adjustment.

Q-type ratios

"Tobin's-Q," or simply "Q," is the ratio of the valuation of assets in financial markets to the current-cost value of produced assets.[4] A value of Q above 1 indicates that newly produced physical assets may be purchased more cheaply than (the ownership claims to) existing assets. Such a situation may induce businesses to purchase newly produced physical assets instead of acquiring existing assets; alternatively, it may induce financial investors to reduce the prices they will offer for financial assets. A value of Q below 1 indicates that existing physical assets may be acquired more cheaply

2. Corporate profits and net interest are based on tabulations of "company" data rather than of "establishment" data. As a result, property income for domestic nonfinancial corporations includes income earned by financial establishments of those corporations; similarly, it excludes income earned by nonfinancial units of financial corporations. The gross product by industry estimates that appear elsewhere in this issue incorporate adjustments that convert company data to an establishment basis. At the total nonfinancial corporate level, these adjustments are very small and have not been carried through to the estimates of property income used in this article.

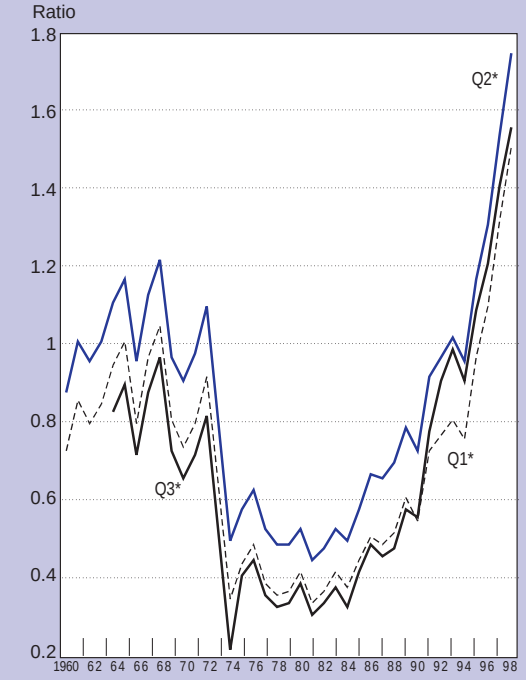
For a discussion of the industrial distribution of NIPA series, see Eugene P. Seskin and Robert P. Parker, "A Guide to the NIPA's," SURVEY 78 (March 1998): 42–43.

3. In other contexts, different definitions of these terms may be appropriate. For example, for the economy as a whole, some part of proprietors' income might be considered property income.

4. Q ratios may presuppose a "wealth" measure of produced assets, while the rate of return may presuppose a "productive" measure. For a discussion of these concepts, see Jack Triplett, "Depreciation in Production Analysis and in Income and Wealth Accounts: Resolution of an Old Debate," ECONOMIC INQUIRY 34 (January 1996): 93–115. If a geometric depreciation pattern is used (as it is for most of the items in BEA's estimate of produced assets), then the wealth measure and the productive measure are equal.

CHART 2

Q-T ype Ratios, Domestic Nonfinancial Corporations, 1960–98



*See text for definitions.

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than newly produced assets. Such a situation may induce businesses to purchase existing assets instead of newly produced physical assets; alternatively, it may induce financial investors to raise the prices they will offer for financial assets.

Q may be calculated in a variety of ways. However, ratios calculated from various definitions tend to display quite similar patterns over time, and in light of the difficulties involved in measuring both the numerators and the denominators, the patterns of movement may be more important than the levels of the ratios. Three variants of the measure for domestic nonfinancial corporations are shown in chart 2.

- Q1 is calculated as the market value of outstanding equity divided by the net stock of produced assets.
- Q2 differs from Q1 by adding the book value of outstanding corporate bonds to the numerator.
- Q3 differs from Q1 by adding an estimate of the market value of outstanding corporate bonds and net liquid assets to the numerator and by subtracting an estimate of the value of land from the numerator.[5]

All three Q-type ratios drop sharply in the early 1970's, stay relatively low until the early 1980's, and then increase sharply. Q2 and Q3 moved from below one to above one in 1995; Q1 did so in 1996. In 1998, all three ratios reached record levels.

5. The Bureau of Economic Analysis is grateful to James Tobin for providing an unpublished paper describing a procedure for approximating the market value of bonds outstanding. In brief, the *book value* of bonds *issued* in year *t* is estimated as the change in the book value of bonds *outstanding* in year *t* plus the book value of bonds *issued* 10 years earlier (which are assumed to have matured in year *t*). In year *t*, the *market value* of bonds *issued* in earlier years is estimated from the book value of bonds issued in those years by calculating the present value of principal and (semiannual) coupons not yet paid on those bonds (discounted by the interest rate on 10-year Baa bonds in year *t)*. Finally, the *market value* of bonds *outstanding* in year *t* is the sum of the market values of bonds *issued* in years *t*-9 through *t*. See, James Tobin and Dan Sommers, "Explanation of Revised Estimates of Tobin's 'q' Ratio, 1950–1997," (April 20, 1999), unpublished.

The financial data used in these calculations are from the Federal Reserve Board, *Flow of Funds Accounts of the United States*, Federal Reserve Statistical Release z.1 (Washington, DC: Board of Governors of the Federal Reserve System).

Government Spending by Function

A New Presentation

IN government budgets, expenditures are classified according to their purpose—that is, their function—so that comparisons of major activities over time can be made even as underlying programs and agencies change. These functional presentations reveal trends, enable comparisons with the expenditures by other governments, and summarize significant expenditures of government in terms of continuing, common purposes. The national income and product accounts (NIPA's) present government by function tables in an economic framework that is an alternative to the accounting used in government budgets.

As part of the comprehensive revision of the NIPA's, government spending is now presented by 9 functions and 25 subfunctions in a new format in NIPA tables 3.15, 3.16, and 3.17 at the end of this article.[1] These tables replace the previously published functional tables.[2] The estimates presented in the new tables incorporate the results of the most recent comprehensive revision of the NIPA's.

Changes in presentation

The reformatted tables incorporate four major changes in presentation. First, the presentation is changed by consolidating the previous 21 functions into 9 more useful functions. The function "education" was augmented by adding the subfunction "education" from the function "veterans benefits and services." Most of the new functions, such as health, were derived from combinations of the previous subfunctions. Law courts, a new subfunction in the function "public order and safety," was created from parts of the previous subfunctions that made up general public services.

Second, the 9 new functions were crafted so that they would be comparable with the 10 divisions of the international classifications of the functions of government (COFOG) (see the box "Comparison of Classifications of Government Functions" on page 20).[3] The Bureau of Economic Analysis (BEA) is among those agencies in the United States and in other countries that have supported, developed, and adopted many international economic guidelines in the 1993 *System of National Accounts*.

Third, NIPA tables 3.15, 3.16, and 3.17 have been changed so that they are organized first by type of expenditure and then by level of government. For example, the new table 3.15 shows consumption expenditures and gross investment for the three levels of government—total government, Federal Government, and State and local government—and all functions; the former table 3.15 showed current expenditures and gross investment, current expenditures, and gross investment for total government.[4] The new tables are simpler, with only a single column for each year, compared with multiple columns for each year for different types of expenditures in the previously published format.

1. See Brent R. Moulton and David F. Sullivan, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables," *Survey of Current Business* 79 (September 1999): 15–28. See also Brent R. Moulton, "Improved Estimates of National Income and Product Accounts for 1929–99: Results of the Comprehensive Revision," *Survey* 80 (April 2000): 11–16; and Brent R. Moulton, Robert P Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: Definitional and Classificational Changes," *Survey* 79 (August 1999): 7–20. For estimates of the effects of these changes, see Eugene P. Seskin, "Improved Estimates of the National Income and Product Accounts for 1959–98: Results of the Comprehensive Revision," *Survey* 79 (December 1999): 29–30.

2. In order to assist data users in the transition to the new formats, the estimates of government current expenditures and gross investment by function in the previously published formats of tables 3.15, 3.16, and 3.17 are available on request; write to Government Division (BE–57), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or E-mail webmaster@bea.doc.gov. The tables were last published in "Annual Revision: Newly Available Tables," *Survey* 78 (October 1998): 5–9.

Note—This report was prepared by Karl Galbraith.

3. A final version of COFOG was approved by the United Nations Statistical Commission in March 1999 and published in *Classification of Expenditures According to Purpose*, Statistical Papers, Series M, No. 84 (New York: United Nations). COFOG is one of four functional classifications in the *System of National Accounts, 1993* that were prepared under the auspices of the Inter-Secretariat Working Group on National Accounts, Commission of the European Communities, the Organisation for Economic Co-operation and Development, the International Monetary Fund, the United Nations, and the World Bank.

4. Consumption expenditures and gross investment consists of net purchases of goods, services, and structures from business and from the rest of the world by general government; payments by general government to households in the form of compensation of employees, the consumption of general government fixed capital, which represents the value of current services of fixed assets of general government; net purchases of fixed assets of general government; net purchases of fixed assets by government enterprises; inventory change of government enterprises; and a deduction for general government sales, primarily tuition payments for higher education and charges for medical care.

Current expenditures consists of current-account transactions of consumption expenditures, transfer payments, grants-in-aid to State and local governments, net interest paid, subsidies less current surplus of government enterprises, less wage accruals less disbursements.

Data Availability

The estimates beginning with 1952 for the new NIPA tables 3.15, 3.16, 3.17 are available from BEA's Web site at <www.bea.doc.gov>; click on "GDP and related data" and look under "Annual Only NIPA Tables." They are also available from STAT–USA's Web site at <www.stat–usa.gov>.

Fourth, government consumption expenditures and gross investment, a component of GDP, is now presented in table 3.15. Quarterly estimates for the three levels of government are shown in NIPA tables 1.1 and 3.7.

Shares of government spending by function

In 1998, the largest shares of total government consumption expenditures and gross investment spending were for education, at 28.6 percent, and for national defense, at 22.8 percent (chart 1). National defense accounts for 64.7 percent of Federal Government spending, and education accounts for 43.6 percent of State and local government spending.

The average annual rates of growth of total government spending have generally decelerated since the 1970's (table A). Federal Government spending decelerated in the 1980's, despite a pickup in national defense spending that turned down in the 1990's. State and local government spending grew faster on average than Federal Government spending in the 1990's.

In 1998, the largest shares of government current expenditures were income security (23.4 percent) and health (17.9 percent) (chart 2). Current expenditures for income security are large because they include transfer payments, such as those for social security. Current expenditures for health are large because they include Federal transfer payments for medicare and State-and-local transfer payments for medicaid.

In 1998, education (16.5 percent), general public service (16.1 percent), and national defense (11.9 percent) also accounted for sizable shares of current expenditures. Current expenditures for general public service includes net interest paid and sizable unallocable expenditures for State and local governments.

CHART 1

Government Consumption Expenditures and Gross Investment by Function

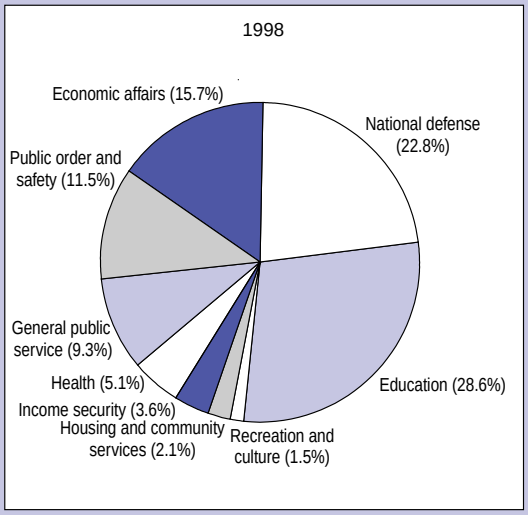

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CHART 2

Government Current Expenditures by Function

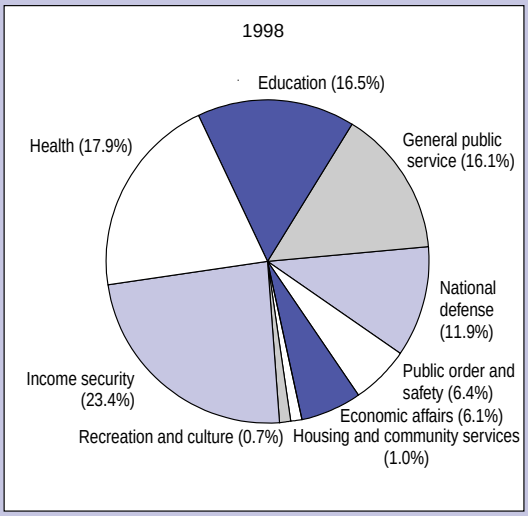

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Table A.—Average Annual Growth Rates in Government Expenditures by Function

[Percent]

	Consumption expenditures and gross investment				Current expenditures			
	1960–70	1970–80	1980–90	1990–98	1960–70	1970–80	1980–90	1990–98
Government	**7.6**	**9.2**	**7.6**	**3.3**	**9.1**	**11.0**	**8.2**	**4.5**
General public service	9.7	12.7	7.3	4.7	7.7	12.4	11.5	3.9
National defense	5.1	6.4	8.3	–.9	6.3	6.3	7.8	–.4
Public order and safety	9.4	12.5	10.4	7.0	9.5	12.4	10.2	7.1
Economic affairs	7.8	9.5	5.7	3.8	10.1	9.7	5.1	2.7
Housing and community services	7.1	10.6	5.4	2.7	13.6	20.2	6.9	4.4
Health	9.4	11.3	6.6	2.8	16.1	14.2	10.3	7.9
Recreation and culture	10.6	11.2	7.8	5.4	10.6	11.9	7.6	5.1
Education	11.1	9.8	7.7	5.2	12.0	10.6	7.4	5.1
Income security	14.3	14.7	7.3	6.7	9.4	13.7	6.5	5.1
Federal	**5.9**	**7.7**	**7.6**	**.7**	**8.8**	**11.2**	**7.9**	**4.2**
General public service	7.2	12.2	6.1	3.1	7.0	14.5	11.4	3.4
National defense	5.1	6.4	8.3	–.9	6.3	6.4	7.9	–.3
Public order and safety	9.5	15.4	11.2	8.9	11.4	15.1	10.0	9.5
Economic affairs	8.7	10.4	5.0	2.7	11.9	9.9	4.0	1.3
Housing and community services	16.9	–14.8	n.m.	n.m.	25.0	16.4	5.8	6.6
Health	10.5	13.7	7.6	5.9	21.0	15.2	10.6	8.6
Recreation and culture	10.3	11.8	2.9	6.9	14.3	14.7	1.1	4.8
Education	15.1	5.0	6.4	9.7	21.0	9.5	3.6	6.4
Income security	11.1	16.7	.7	6.3	9.3	14.2	6.2	5.4
State and local	**9.7**	**10.4**	**7.6**	**5.0**	**10.9**	**11.1**	**7.9**	**5.7**
General public service	10.9	12.8	7.7	5.2	9.5	9.8	8.5	5.8
Public order and safety	9.4	12.3	10.3	6.8	9.5	12.1	10.1	7.0
Economic affairs	7.4	8.9	6.0	4.3	8.7	11.6	4.7	4.3
Housing and community services	6.6	11.3	5.4	2.2	9.0	18.2	.8	5.2
Health	8.9	9.7	5.9	–.5	13.7	13.1	9.9	8.1
Recreation and culture	10.7	11.1	8.6	5.2	10.0	11.4	8.8	5.2
Education	11.0	9.9	7.7	5.1	11.8	10.5	7.6	5.0
Income security	15.6	14.0	9.2	6.7	10.9	10.1	7.7	3.8

n.m. not meaningful, one value negative

Comparison of Classifications of Government Functions

The classifications that are used in the new NIPA functions are designed to be comparable with the functions used in the international classifications of the functions of government (COFOG). However, the NIPA's have no function for environmental protection because not enough detail existed in the previous NIPA subfunctions. Some of the activities included in environmental protection, such as waste management and waste water management, are included in the NIPA housing and community services function.

The new NIPA functions are also related to those that are used by the Office of Management and Budget (OMB) to prepare the Federal budget and those that are used by the Bureau of the Census to prepare State and local government finance reports.

The OMB currently classifies budget data into 20 functions that are roughly assigned to the 9 NIPA functions for government. Of the 20 budget functions, 17 cover broad areas of national need. The remaining three functions—net interest, undistributed offsetting receipts, and allowances—are included to ensure full coverage of the Federal budget. The OMB functions give added visibility to major programs, such as medicare and social security, by making them functions that are distinct from the health and income security functions. The NIPA function for health includes medicare, and the NIPA function for income security includes social security. Over 70 OMB subfunctions allow finer relationships to be made to the 25 NIPA subfunctions.

The Census Bureau presents expenditures in *Government Finances* and in the *Census of Governments* in 12 function groups and 39 subgroups that are based on nearly 70 major functions of government. The NIPA estimates for the Federal Government and for State and local governments are based on data from both these sources.[1]

1. NIPA table 3.18B shows the relation of Federal Government current expenditures in the NIPA's to budget outlays, and NIPA table 3.19 shows the relation of State and local government current expenditures to total expenditures in *Government Finances*; these tables were published most recently on pages 67 and 68 of the April 2000 *Survey*. See also "Updated Summary NIPA Methodologies," *Survey* 78 (September 1998): 14-35; and *Government Transactions,* Methodology Paper No. 5 (1988), which can be found at <www.bea.doc.gov> under "Bureau-wide" and then under "Methodologies."

NIPA	COFOG	OMB	Census Bureau
General public service	General public services	General government plus International affairs plus Net interest plus Allowances	Government administration plus Interest on general debt plus General expenditures not elsewhere classified
National defense	Defence	National defense	National defense and international relations
Public order and safety	Public order and safety	Administration of justice	Public safety
Economic affairs	Economic affairs	Agriculture plus Energy plus Natural resouces and environment plus Transportation plus Commerce and housing credit plus General science, space and technology	Transportation plus Utility expenditure plus Liquor store expenditure
(1)	Environmental protection	(2)	(3)
Housing and community services	Housing and community amenities	Community and regional development	Environment and housing
Health	Health	Health plus Medicare plus Veterans benefits and services	(4)
Recreation and culture	Recreation, culture, and religion	(5)	(3)
Education	Education	Education, training, employment, and social services	Education services
Income security	Social protection	Income security plus Social security plus Undistributed offsetting receipts	Social services and income maintenance plus Insurance trust expenditure

1. Contained largely in the housing and community services function and economic affairs function.
2. Contained largely in the natural resources and environment function and community and regional development function.
3. Contained largely in the environment and housing function.
4. Contained largely in the social services and income maintenance function.
5. Contained largely in the natural resources and environment function.

Table 3.15.—Government Consumption Expenditures and Gross Investment by Function

[Billions of dollars]

	Line	1995	1996	1997	1998
Government	1	**1,372.0**	**1,421.9**	**1,481.0**	**1,529.7**
General public service	2	**125.2**	**125.3**	**136.0**	**141.6**
Executive and legislative	3	29.6	27.4	30.8	32.0
Tax collection and financial management	4	39.7	40.1	44.0	45.4
Other	5	55.9	57.8	61.3	64.2
National defense	6	**350.6**	**357.0**	**352.5**	**348.6**
Public order and safety	7	**142.1**	**152.8**	**163.8**	**175.3**
Police	8	53.6	58.9	64.2	69.5
Fire	9	18.6	19.4	20.5	21.8
Law courts	10	26.7	28.6	30.7	33.5
Prisons	11	43.1	45.9	48.3	50.5
Economic affairs	12	**213.1**	**220.7**	**234.6**	**239.4**
General economic and labor affairs	13	18.6	19.4	20.3	21.0
Agriculture	14	10.6	10.9	13.0	12.8
Energy	15	16.4	13.5	13.4	11.0
Natural resources	16	21.8	23.0	23.4	24.9
Transportation	17	126.1	132.5	142.0	147.3
Highways	18	98.2	103.3	111.6	115.9
Air	19	12.4	13.0	13.4	14.0
Water	20	7.5	7.8	7.9	8.4
Transit and railroad	21	8.0	8.4	9.0	9.1
Postal service	22	2.9	3.7	4.5	5.1
Space	23	16.4	17.6	17.8	16.8
Other	24	.3	.3	.3	.4
Housing and community services	25	**27.8**	**29.4**	**30.7**	**31.6**
Health	26	**72.6**	**74.9**	**76.4**	**78.6**
Recreation and culture	27	**18.5**	**19.3**	**21.3**	**22.3**
Education	28	**376.1**	**395.2**	**415.5**	**438.1**
Elementary and secondary	29	288.8	305.3	322.3	339.6
Higher	30	69.8	70.9	73.7	77.5
Libraries	31	5.4	5.8	6.3	6.7
Other	32	12.1	13.2	13.3	14.3
Income security	33	**45.9**	**47.4**	**50.2**	**54.3**
Disability	34	2.7	2.8	2.8	2.9
Retirement [1]	35	1.3	1.2	1.3	1.6
Welfare and social services	36	40.8	42.2	45.0	47.8
Unemployment	37	.1	.1	.1	.1
Other	38	.9	1.0	.9	1.9
Federal	39	**521.5**	**531.6**	**537.8**	**538.7**
General public service	40	**28.6**	**25.6**	**29.2**	**29.1**
Executive and legislative	41	16.1	13.1	15.6	15.9
Tax collection and financial management	42	12.5	12.4	13.6	13.2
Other [2]	43	0	0	0	0
National defense	44	**350.6**	**357.0**	**352.5**	**348.6**
Public order and safety	45	**15.2**	**17.0**	**18.2**	**19.5**
Police	46	6.9	8.2	9.3	10.4
Fire	47	.1	.1	.1	.1
Law courts	48	5.1	5.5	5.6	6.1
Prisons	49	3.1	3.3	3.2	2.9
Economic affairs	50	**72.5**	**74.6**	**77.8**	**77.0**
General economic and labor affairs	51	7.0	7.6	8.0	8.2
Agriculture	52	6.2	6.3	8.1	7.6
Energy	53	12.3	10.0	9.6	7.7
Natural resources	54	11.4	12.2	12.1	13.4
Transportation	55	16.3	17.2	17.6	18.2
Highways	56	.5	.4	.5	.4
Air	57	9.0	9.5	9.5	9.9
Water	58	6.5	6.6	6.8	7.3
Transit and railroad	59	.3	.6	.8	.6
Postal service	60	2.9	3.7	4.5	5.1
Space	61	16.4	17.6	17.8	16.8
Other	62	0	0	0	0
Housing and community services	63	**1.4**	**1.6**	**1.7**	**1.3**
Health	64	**40.9**	**42.4**	**44.0**	**46.4**
Recreation and culture	65	**2.4**	**2.3**	**2.9**	**2.8**
Education	66	**4.3**	**5.0**	**5.0**	**5.7**
Elementary and secondary	67	.6	.6	.5	.6
Higher	68	.9	.9	.9	1.0
Other	69	2.8	3.5	3.5	4.2
Income security	70	**5.9**	**6.0**	**6.6**	**8.3**
Disability	71	.5	.4	.5	.5
Retirement [1]	72	1.3	1.2	1.3	1.6
Welfare and social services	73	3.1	3.3	3.8	4.1
Unemployment	74	.1	.1	.1	.1
Other	75	.9	1.0	.9	1.9
State and local	76	**850.5**	**890.4**	**943.2**	**991.0**
General public service	77	**96.7**	**99.7**	**106.8**	**112.4**
Executive and legislative	78	13.5	14.3	15.2	16.1
Tax collection and financial management	79	27.2	27.7	30.3	32.1
Other [3]	80	55.9	57.8	61.3	64.2
Public order and safety	81	**126.9**	**135.7**	**145.6**	**155.8**
Police	82	46.8	50.8	54.9	59.1
Fire	83	18.5	19.3	20.4	21.7
Law courts	84	21.6	23.1	25.2	27.5
Prisons	85	40.0	42.6	45.1	47.5
Economic affairs	86	**140.6**	**146.2**	**156.8**	**162.4**
General economic and labor affairs	87	11.6	11.8	12.3	12.8
Agriculture	88	4.4	4.5	4.9	5.2
Energy	89	4.0	3.5	3.8	3.3
Natural resources	90	10.5	10.8	11.2	11.6
Transportation	91	109.8	115.2	124.4	129.1
Highways	92	97.7	102.8	111.1	115.4
Air	93	3.3	3.4	3.9	4.1
Water	94	1.0	1.2	1.2	1.1
Transit and railroad	95	7.7	7.8	8.2	8.4
Other	96	.3	.3	.3	.4
Housing and community services	97	**26.5**	**27.8**	**29.0**	**30.3**
Water	98	6.9	8.0	8.9	9.2
Sewerage	99	8.2	8.9	9.1	9.1
Sanitation	100	6.9	7.1	7.6	8.1
Other	101	4.4	3.7	3.4	3.8
Health	102	**31.7**	**32.5**	**32.4**	**32.2**
Recreation and culture	103	**16.2**	**17.0**	**18.3**	**19.5**
Education	104	**371.9**	**390.1**	**410.6**	**432.3**
Elementary and secondary	105	288.2	304.7	321.8	339.0
Higher	106	68.9	70.0	72.7	76.5
Libraries	107	5.4	5.8	6.3	6.7
Other	108	9.3	9.7	9.8	10.1
Income security	109	**40.0**	**41.3**	**43.6**	**46.1**
Disability	110	2.3	2.4	2.4	2.4
Welfare and social services	111	37.8	38.9	41.2	43.7
Other	112	0	0	0	0

1. Consists of consumption expenditures to administer social insurance funds including old age and survivors insurance (social security) and railroad retirement. Excludes government employee retirement plans.

2. Consists of consumption expenditures to administer Federal revenue sharing grants to State and local governments beginning with 1972 and ending with 1987.

3. Consists primarily of unallocable State and local government consumption expenditures and gross investment.

Table 3.16.—Government Current Expenditures by Function

[Billions of dollars]

	Line	1995	1996	1997	1998
Government [1]	1	**2,293.7**	**2,384.5**	**2,461.8**	**2,523.1**
General public service	2	**385.1**	**394.5**	**400.8**	**405.5**
Executive and legislative	3	39.0	42.1	41.6	42.9
Tax collection and financial management	4	33.9	32.8	35.9	36.6
Net interest paid [2]	5	267.8	274.1	275.4	276.1
Other [3]	6	44.4	45.5	47.8	49.9
National defense	7	**297.1**	**302.0**	**304.1**	**299.5**
Public order and safety	8	**132.0**	**141.9**	**152.0**	**162.2**
Police	9	50.7	55.5	60.3	65.0
Fire	10	17.4	18.1	19.1	20.2
Law courts	11	25.2	26.7	28.6	31.1
Prisons	12	38.7	41.7	44.0	45.8
Economic affairs	13	**137.3**	**142.5**	**145.1**	**152.7**
General economic and labor affairs	14	18.9	19.4	20.3	20.9
Agriculture	15	18.4	19.0	19.5	26.2
Energy	16	–.4	–1.8	–4.2	–6.4
Natural resources	17	17.6	17.9	17.9	18.9
Transportation	18	80.7	83.9	88.4	92.2
Highways	19	55.0	57.6	61.0	64.5
Air	20	4.5	4.7	5.0	5.0
Water	21	6.1	6.2	6.1	6.4
Transit and railroad	22	15.1	15.4	16.2	16.3
Postal service	23	1.8	4.1	4.1	3.4
Space	24	12.1	12.7	13.0	12.1
Other [4]	25	–11.8	–12.7	–13.9	–14.6
Housing and community services	26	**27.4**	**26.7**	**28.8**	**26.2**
Health	27	**401.8**	**426.9**	**445.9**	**452.1**
Recreation and culture	28	**14.6**	**14.9**	**16.1**	**16.8**
Education	29	**358.6**	**375.5**	**395.9**	**416.6**
Elementary and secondary	30	262.2	276.4	291.3	307.2
Higher	31	68.7	69.6	74.2	77.0
Libraries	32	4.7	5.1	5.5	5.9
Other	33	23.0	24.4	24.9	26.5
Income security	34	**539.8**	**559.6**	**573.2**	**591.6**
Disability	35	73.8	78.0	80.3	83.6
Retirement [5]	36	297.5	308.4	321.9	333.0
Welfare and social services	37	127.7	127.2	125.0	127.1
Unemployment	38	21.6	22.4	20.3	20.0
Other	39	19.2	23.5	25.7	27.9
Federal	40	**1,575.7**	**1,635.9**	**1,676.0**	**1,703.8**
General public service	41	**302.4**	**310.4**	**312.6**	**314.0**
Executive and legislative	42	27.6	30.9	29.8	30.2
Tax collection and financial management	43	7.4	5.9	6.4	5.4
Net interest paid	44	267.5	273.6	276.3	278.4
Other [6]	45	0	0	0	0
National defense	46	**299.8**	**304.8**	**307.0**	**302.7**
Public order and safety	47	**14.3**	**15.8**	**17.9**	**19.3**
Police	48	6.5	7.7	9.5	10.7
Fire	49	.1	.1	.1	.1
Law courts	50	5.1	5.4	5.6	6.1
Prisons	51	2.6	2.5	2.7	2.4
Economic affairs	52	**74.1**	**76.9**	**75.6**	**80.9**
General economic and labor affairs	53	11.1	11.4	12.0	12.0
Agriculture	54	15.7	16.0	15.8	22.3
Energy	55	7.2	6.3	4.3	2.3
Natural resources	56	10.9	11.1	10.3	12.6
Transportation	57	14.7	15.0	15.5	15.3
Highways	58	.4	.4	.4	.4
Air	59	6.2	6.5	6.9	7.1
Water	60	6.3	6.4	6.4	6.7
Transit and railroad	61	1.8	1.6	1.8	1.2
Postal service	62	1.8	4.1	4.1	3.4
Space	63	12.6	13.1	13.5	13.0
Other	64	0	0	0	0
Housing and community services	65	**29.5**	**30.0**	**30.5**	**29.9**
Health	66	**319.4**	**340.2**	**357.3**	**364.8**
Recreation and culture	67	**2.5**	**2.5**	**2.9**	**2.8**
Education	68	**32.2**	**34.1**	**36.3**	**37.5**
Elementary and secondary	69	11.8	13.1	12.8	13.7
Higher	70	12.1	11.8	14.0	13.7
Other	71	8.4	9.2	9.5	10.2
Income security	72	**501.5**	**521.2**	**535.9**	**551.9**
Disability	73	62.1	66.0	68.4	71.9
Retirement [5]	74	297.5	308.4	321.9	333.0
Welfare and social services	75	95.5	95.2	94.1	93.6
Unemployment	76	25.0	25.7	23.4	23.3
Other	77	21.4	25.9	28.1	30.1
State and local	78	**902.5**	**939.0**	**981.5**	**1,028.7**
General public service	79	**83.6**	**86.0**	**90.2**	**93.5**
Executive and legislative	80	12.4	13.1	13.9	14.7
Tax collection and financial management	81	26.5	26.9	29.5	31.2
Net interest paid [2]	82	.2	.6	–.9	–2.3
Other [7]	83	44.4	45.5	47.8	49.9
Public order and safety	84	**118.9**	**127.3**	**136.3**	**145.6**
Police	85	44.5	48.2	52.0	56.0
Fire	86	17.3	18.0	19.0	20.1
Law courts	87	20.6	21.8	23.7	25.9
Prisons	88	36.5	39.3	41.6	43.7
Economic affairs	89	**72.1**	**74.0**	**77.4**	**81.7**
General economic and labor affairs	90	12.0	12.1	12.6	13.2
Agriculture	91	4.1	4.2	4.5	4.9
Energy	92	–6.6	–7.1	–7.4	–7.7
Natural resources	93	8.3	8.5	8.6	9.0
Transportation	94	66.1	69.0	72.9	77.0
Highways	95	54.6	57.2	60.6	64.1
Air	96	–1.7	–1.8	–2.0	–2.1
Water	97	–.1	–.2	–.2	–.3
Transit and railroad	98	13.3	13.8	14.5	15.1
Other [4]	99	–11.8	–12.7	–13.9	–14.6
Housing and community services	100	**3.7**	**2.8**	**5.4**	**6.6**
Water	101	–3.6	–4.0	–4.2	–4.4
Sewerage	102	–.7	–1.0	–1.2	–1.3
Sanitation	103	5.3	5.5	5.9	6.4
Other	104	2.7	2.3	4.9	6.0
Health	105	**179.6**	**188.4**	**193.0**	**197.9**
Recreation and culture	106	**12.2**	**12.7**	**13.3**	**14.2**
Education	107	**341.6**	**358.1**	**375.8**	**396.1**
Elementary and secondary	108	261.2	275.4	290.4	306.2
Higher	109	58.1	59.4	61.5	64.6
Libraries	110	4.7	5.1	5.5	5.9
Other	111	17.6	18.2	18.4	19.4
Income security	112	**90.8**	**89.6**	**90.0**	**93.1**
Disability	113	13.0	13.3	13.3	13.1
Welfare and social services	114	77.8	76.3	76.8	79.9
Other	115	0	0	0	0

1. Equals Federal Government current expenditures less grants-in-aid to State and local governments plus State and local government current expenditures.

2. Includes dividends received by government shown separately in tables 3.1 and 3.3 for total government and for State and local government.

3. Equals unallocable State and local government expenditures, less "wage accruals less disbursements" shown in table 3.1; includes Federal revenue sharing grants to State and local governments beginning with 1972 and ending with 1987.

4. Consists of State and local government publicly owned liquor store systems, government-administered lotteries and parimutuels, and other commercial activities.

5. Consists of social insurance funds including old age and survivors insurance (social security) and railroad retirement. Excludes government employee retirement plans.

6. Consists primarily of Federal revenue sharing grants to State and local governments beginning with 1972 and ending with 1987, less "wage accruals less disbusements" shown in table 3.2.

7. Equals unallocable State and local government expenditures less "wage accruals less disbursements" shown in table 3.3.

Table 3.17.—Selected Government Expenditures by Function

[Billions of dollars]

	Line	1995	1996	1997	1998
Current expenditures [1]					
Consumption expenditures:					
Government	1	**1,133.9**	**1,171.8**	**1,222.9**	**1,261.0**
General public service	2	108.3	107.3	116.2	120.1
National defense	3	297.5	302.4	304.5	299.9
Public order and safety	4	131.9	141.8	151.9	162.1
Economic affairs	5	133.4	137.5	144.9	147.5
Housing and community services	6	6.5	7.0	7.6	7.6
Health	7	60.7	61.8	62.3	63.6
Recreation and culture	8	14.2	14.6	15.7	16.4
Education	9	336.9	353.6	371.2	391.4
Income security	10	44.5	45.8	48.5	52.3
Federal	11	**439.2**	**445.3**	**457.0**	**453.5**
General public service	12	25.7	22.8	26.0	25.4
National defense	13	297.5	302.4	304.5	299.9
Public order and safety	14	13.1	14.6	15.8	16.5
Economic affairs	15	53.8	54.6	57.7	55.5
Housing and community services	16	1.3	1.5	1.7	1.2
Health	17	36.5	37.3	38.4	40.0
Recreation and culture	18	2.0	1.9	2.4	2.3
Education	19	3.9	4.6	4.5	5.1
Income security	20	5.5	5.6	6.1	7.5
State and local	21	**694.7**	**726.5**	**765.9**	**807.5**
General public service	22	82.6	84.5	90.2	94.7
Public order and safety	23	118.8	127.2	136.2	145.5
Economic affairs	24	79.6	82.9	87.3	92.0
Housing and community services	25	5.3	5.5	5.9	6.4
Health	26	24.3	24.4	23.9	23.6
Recreation and culture	27	12.2	12.7	13.3	14.2
Education	28	332.9	349.0	366.7	386.3
Income security	29	39.0	40.2	42.4	44.8
Transfer payments (net):					
Government	30	**869.9**	**916.0**	**944.5**	**965.2**
General public service	31	9.0	13.0	9.3	9.6
Public order and safety	32	.1	.1	.1	.1
Economic affairs	33	1.8	1.6	1.6	2.0
Housing and community services	34	.5	.2	.2	.2
Health	35	341.1	365.1	383.6	388.5
Recreation and culture	36	.4	.4	.3	.4
Education	37	21.8	21.8	24.7	25.2
Income security	38	495.3	513.8	524.7	539.3
Federal	39	**652.1**	**691.6**	**716.6**	**730.4**
General public service	40	8.2	12.1	8.3	8.4
Public order and safety	41	0	0	0	0
Economic affairs	42	.7	.6	.6	.9
Housing and community services	43	.5	.2	.2	.2
Health	44	185.7	201.2	214.5	214.2
Recreation and culture	45	.4	.4	.3	.4
Education	46	13.0	12.8	15.5	15.3
Income security	47	443.5	464.4	477.1	491.0
State and local	48	**217.8**	**224.3**	**227.9**	**234.8**
General public service	49	.8	.9	1.0	1.1
Public order and safety	50	.1	.1	.1	.1
Economic affairs	51	1.1	.9	1.0	1.1
Health	52	155.3	164.0	169.1	174.3
Education	53	8.7	9.1	9.1	9.8
Income security	54	51.8	49.4	47.6	48.3
Grants-in-aid to State and local governments:					
Federal [2]	55	**184.5**	**190.4**	**195.7**	**209.3**
General public service	56	.9	1.9	2.0	2.0
National defense	57	2.7	2.8	2.9	3.2
Public order and safety	58	1.2	1.2	2.1	2.7
Economic affairs	59	8.9	8.5	7.9	9.8
General economic and labor affairs	60	4.2	4.1	4.3	4.3
Agriculture	61	1.5	1.3	.9	.9
Energy	62	1.1	1.0	1.1	1.0
Natural resources	63	1.6	1.7	1.1	2.7
Transportation	64	.1	0	0	0
Space	65	.5	.4	.6	.9
Housing and community services	66	5.7	6.1	7.2	10.4
Health	67	97.2	101.7	104.3	110.7
Recreation and culture	68	.1	.3	.2	.2
Education	69	15.3	16.7	16.2	17.0
Income security	70	52.4	51.3	52.7	53.4
Disability	71	1.2	1.3	1.4	1.4
Retirement	72	0	0	0	0
Welfare and social services	73	45.7	44.3	45.8	46.4
Unemployment	74	3.3	3.3	3.2	3.3
Other	75	2.3	2.3	2.4	2.3
Subsidies less current surplus of government enterprises:					
Government	76	**22.2**	**22.6**	**19.0**	**20.8**
General public service	77	0	0	–.1	–.3
National defense	78	–.3	–.3	–.3	–.3
Economic affairs	79	2.1	3.4	–1.5	3.2
General economic and labor affairs	80	0	0	0	0
Agriculture	81	8.6	9.1	7.8	14.5
Energy	82	–8.9	–8.7	–10.8	–11.2
Natural resources	83	.8	.6	.2	.2
Transportation	84	11.6	11.2	11.6	11.5
Postal service	85	2.0	3.9	3.6	2.8
Other [3]	86	–11.8	–12.7	–13.9	–14.7
Housing and community services	87	20.4	19.5	20.9	18.3
Federal	88	**32.4**	**35.1**	**30.4**	**32.1**
General public service	89	0	0	–.1	–.3
National defense	90	–.3	–.3	–.3	–.3
Economic affairs	91	10.8	13.2	9.4	14.6
General economic and labor affairs	92	0	0	0	0
Agriculture	93	8.6	9.1	7.8	14.5
Energy	94	–2.3	–1.7	–3.4	–3.5
Natural resources	95	.8	.6	.2	.2
Transportation	96	1.8	1.3	1.2	.7
Postal service	97	2.0	3.9	3.6	2.8
Housing and community services	98	21.9	22.2	21.4	18.1
State and local	99	**–10.2**	**–12.5**	**–11.4**	**–11.3**
Economic affairs	100	–8.6	–9.8	–10.9	–11.5
Energy	101	–6.6	–7.1	–7.4	–7.7
Transportation	102	9.8	9.9	10.4	10.9
Other [3]	103	–11.8	–12.7	–13.9	–14.7
Housing and community services	104	–1.6	–2.7	–.5	.2
Gross investment					
Government	105	**238.2**	**250.1**	**258.1**	**268.7**
General public service	106	18.0	19.2	21.1	23.0
National defense	107	53.1	54.6	48.0	48.7
Public order and safety	108	9.2	9.8	10.6	11.6
Economic affairs	109	79.7	83.2	89.6	91.9
Housing and community services	110	21.3	22.4	23.1	24.0
Health	111	11.9	13.1	14.1	15.0
Recreation and culture	112	4.3	4.8	5.6	5.9
Education	113	39.3	41.5	44.3	46.6
Income security	114	1.4	1.5	1.7	2.0
Federal	115	**82.3**	**86.3**	**80.8**	**85.2**
General public service	116	3.8	3.9	4.4	5.3
National defense	117	53.1	54.6	48.0	48.7
Public order and safety	118	1.0	1.2	1.2	1.3
Economic affairs	119	18.7	20.0	20.1	21.5
Housing and community services	120	.1	.1	0	.1
Health	121	4.4	5.1	5.6	6.4
Recreation and culture	122	.4	.5	.6	.5
Education	123	.3	.4	.4	.6
Income security	124	.4	.4	.5	.7
State and local	125	**155.8**	**163.8**	**177.3**	**183.5**
General public service	126	14.1	15.2	16.6	17.7
Public order and safety	127	8.1	8.5	9.4	10.3
Economic affairs	128	61.0	63.2	69.6	70.3
Housing and community services	129	21.2	22.4	23.1	23.9
Health	130	7.5	8.0	8.5	8.6
Recreation and culture	131	3.9	4.3	5.0	5.4
Education	132	38.9	41.1	43.9	46.0
Income security	133	1.0	1.1	1.2	1.3
Capital transfers paid					
Federal [4]	134	**27.6**	**28.1**	**29.0**	**28.8**
General public service [5]	135	.4	0	.2	0
Economic affairs	136	24.6	25.6	26.2	26.2
Transportation	137	24.6	25.6	26.2	26.2
Highways [6]	138	19.3	20.0	20.7	20.7
Air [6]	139	1.7	1.6	1.5	1.6
Water [7]	140	0	0	0	0
Transit and railroad [6]	141	3.6	3.9	4.0	3.9
Housing and community services [6]	142	2.5	2.6	2.6	2.6
Health [6]	143	0	0	0	0

1. Equals consumption expenditures, transfer payments, net interest paid, less dividends received by government, subsidies less current surplus of government enterprises, less "wage accruals less disbursements"; for Federal Government, also includes grants-in-aid to State and local governments. Government, Federal Government, and State and local government current expenditures are shown separately in tables 3.1, 3.2, and 3.3.

2. Federal grants-in-aid to State and local governments are included in Federal current expenditures; because the grants are transactions between levels of government, they are eliminated in the consolidation of the government sector.

3. Consists of publicly owned liquor store systems, government-administered lotteries and parimutuels, and other commercial activities.

4. No State and local government capital transfers have been identified.

5. Consists of forgiveness of debts owed by foreign governments to the U.S. Government.

6. Consists of Federal Government investment grants to State and local governments.

7. Consists of maritime construction subsidies paid to business by the Federal Government.

Improved Estimates of Gross Product by Industry for 1947–98

By Sherlene K.S. Lum, Brian C. Moyer, and Robert E. Yuskavage

IN THIS article, the Bureau of Economic Analysis (BEA) presents new estimates of gross product, or gross product originating (GPO), by industry for 1998 and revised estimates for 1947–97.[1] The estimates reflect the results of the recent comprehensive revision of the national income and product accounts (NIPA's), and they incorporate newly available source data and methodological changes for GPO by industry. (See the box "Gross Product Originating: Definition and Relationship to Gross Domestic Product.")

As part of this comprehensive revision of the GPO estimates, the double-deflation method for computing real GPO was extended to all industries, starting with the estimates for 1987.[2] The extension of the double-deflation method required the development of time series of gross output and intermediate inputs for all industries, also starting with 1987. The availability of these integrated estimates of gross output, intermediate inputs, and GPO opens new possibilities for economic and industrial analysis. (See the box "GPO Estimates as a Set of Accounts.")

Using the double-deflation method improves the real GPO estimates in two ways. First, the GPO estimates can now incorporate more complete information on industry output, inputs, and prices, so the preparation of the estimates requires fewer assumptions about the relationships among industry outputs and inputs. Second, the source data on prices used to prepare the estimates of real GPO are now more consistent with the source data on prices used to prepare the estimates of real gross domestic product (GDP). As a result, the growth rates of real GPO are now more consistent with those of real GDP, thus increasing the reliability of the computed measures of industry contributions to real GDP growth.

Improvements from the comprehensive NIPA revision that were incorporated into this GPO re-

1. For the previously published estimates, see Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995–97," *Survey of Current Business* 78 (November 1998): 20–40; and Sherlene K.S. Lum and Robert E. Yuskavage, "Gross Product by Industry, 1947–96," *Survey* 77 (November 1997): 20–34.

2. Double-deflation is the preferred method for computing industry real GPO because it requires fewer assumptions about the relationships among gross output and intermediate inputs. It is not the preferred method for the three industries—private households, Federal general government, and State and local general government—for which gross output and GPO are equivalent.

Gross Product Originating: Definition and Relationship to Gross Domestic Product

Gross product, or gross product originating (GPO), by industry is the contribution of each private industry and government to the Nation's output, or gross domestic product (GDP). An industry's GPO, or its "value added," is equal to its gross output (which consists of sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (which consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources).

For the national income and product accounts (NIPA's), GDP is measured as the sum of the expenditure components and is benchmarked to the input-output accounts. Gross domestic income (GDI) measures output as the sum of the costs incurred and the incomes earned in the production of GDP. In concept, GDP and GDI should be equal; in practice, they differ because their components are estimated using largely independent and less-than-perfect source data. The difference between GDP and GDI is the "statistical discrepancy," which is recorded in the NIPA's as an "income" component that reconciles GDI with GDP. BEA views GDP as the more reliable measure of output, because the source data underlying the estimates of expenditures are considered to be more accurate.[1]

Current-dollar GPO by industry is measured as the sum of distributions by industry of the components of GDI that are attributable to labor and property in the United States. Consequently, the sum of the current-dollar GPO estimates also differs from current-dollar GDP by the statistical discrepancy. In the GPO estimates, the statistical discrepancy is included in the GPO of private industries because of BEA's view that most of the measurement problems with the components of GDI affect the GPO of private industries rather than the GPO of general government or government enterprises.

1. See the box "The Statistical Discrepancy," *Survey of Current Business* 77 (August 1997): 19; and "Note on Alternative Measures of Gross Product by Industry," *Survey* 77 (November 1997): 84–8.

vision include the recognition of business purchases and government expenditures for software, including own-account production of software, as investment and the incorporation of improved NIPA estimates of the real value of banking services into the gross output and GPO estimates for depository institutions.[3] Other major improvements that were incorporated include more recent data on industry intermediate inputs from the 1992 benchmark input-output (I-O) accounts and the 1996 annual I-O accounts and improved industry distributions of indirect business taxes.

Two other improvements are related to the conversion of NIPA income components from a company basis to an establishment basis: The conversion of corporate net interest from a company basis to an establishment basis to parallel the treatment of other corporate property-type income and the incorporation of a newly available 1992 employment matrix for the estimation of corporate property-type income on an establishment basis.

The major results from this GPO revision include the following.

- The real GPO growth rate for private industries was revised up 0.3 percentage point for 1977–97, which is consistent with the 0.3-percent upward revision to the growth rate in real GDP.
- The industry shares of current-dollar GDP were largely unrevised, but the share for finance, insurance, and real estate (FIRE) was revised down 0.2 percentage point for 1987 and 0.5 percentage point for 1997.

3. See Eugene P. Seskin, "Improved Estimates of the National Income and Product Accounts for 1959–98: Results of the Comprehensive Revision," *Survey* 79 (December 1999): 15–39.

GPO Estimates as a Set of Accounts

A major element of this comprehensive revision of the gross product originating (GPO) by industry estimates is the development of an integrated set of estimates of gross output, intermediate inputs, and GPO for all industries, beginning with 1987. As a result, the GPO estimates are now a consistent set of industry production accounts that are more closely integrated with BEA's national income and product accounts and input-output accounts, thus opening new possibilities for analysis of structural change, industrial performance, and output per employee. In addition, the development of the new estimates of gross output enables the extension of the double-deflation method for computing real GPO to all industries, thus improving the reliability of the real GPO estimates and their consistency with estimates of real GDP.

Gross output, intermediate inputs, and GPO are now generally derived from a consistent framework based on an industry production account that depicts how an industry uses both intermediate inputs and value-added inputs (GPO) to produce its gross output. The industry production account is a key component in international guidelines for the development of integrated economic accounts.

Gross output and GPO are both important measures of industry output. Many economists prefer to use gross output in studies of industry production and output per employee because it reflects the use of both primary and secondary inputs.[1] Until recently, the lack of gross output measures for many services industries limited the analytical possibilities for the nonmanufacturing group. These gaps in available gross output measures were largely attributable to the lack of detailed source data for current-dollar gross output and for price indexes, but they were also partly due to conceptual problems in defining the output of some services industries—such as depository institutions, which includes banking, and business services, which includes computer services. As a result, some analysts used GPO as an output measure because of GPO's comprehensive coverage and widespread availability from the national economic accounts of most countries.

The availability of an integrated set of industry production accounts that includes estimates of gross output, intermediate inputs, and GPO opens new possibilities for analysis of structural change, industry performance, and output per employee. For example, analysts can examine the substitution of purchased services for labor input (outsourcing), the changes in cost-price markup patterns over time and across industries, and the changes in output per employee for nonmanufacturing industries and manufacturing industries. Several of the nonmanufacturing industries for which estimates of gross output and intermediate inputs are available for the first time—including depository institutions and business services—have invested significantly in information technology in recent years, and these new estimates may help in assessing the impact of these investments on output.

Some of the problems that have limited the availability of gross output estimates and the use of the double-deflation method remain. For example, problems persist in defining the gross output of many services industries, and limitations remain in the methodology that uses cost indexes as proxies for output-price indexes. Nevertheless, the real GPO by industry estimates have been significantly improved, because fewer assumptions are required about the relationship between gross output and intermediate inputs. More importantly, a framework has been established for incorporating the new producer price indexes (PPI's) for services industries that began in 1995 and any additional PPI's from the Bureau of Labor Statistics. These improvements in source data will continue to improve the quality of the gross output and real GPO estimates and will further enhance their analytical value and their consistency with the estimates of GDP.

1. For example, see Bureau of Labor Statistics (BLS), "Industry Productivity Measures" in *BLS Handbook of Methods*, BLS Bulletin 2490 (Washington, DC: U.S. Government Printing Office, 1997).

- The revisions did not affect the long-term trend of falling shares of current-dollar GDP for private goods-producing industries and rising shares for private services-producing industries.
- FIRE and services together contributed 1.1 percentage points to the 3.0-percent growth in real GDP in 1987–98.
- FIRE and services together contributed 1.4 percentage points to the 2.6-percent growth in GDP prices in 1987–98.

This article is presented in four parts. The first part discusses the relative performance of industries in terms of real growth rates, contributions to real GDP growth, shares of current-dollar GDP, and the composition of current-dollar GPO. The second part discusses the estimates of GPO prices and unit costs. The third part describes the changes in methodology and presentation, and the fourth part describes the methodology used to prepare the GPO estimates. The detailed GPO estimates for 1987–98 are presented in tables 1–14 at the end of the article. (See the box "Data Availability" on page 34.)

Industry Growth, Contributions, Shares, and Composition

The relative performance of particular industries or industry groups can be assessed by examining their real GPO growth rates, their contributions to real GDP growth, their shares of GDP, and the composition of their current-dollar GPO. Comparison of the growth rate of an industry's real GPO with that of real GDP indicates whether an industry is growing above or below the pace of U.S. economic growth. An industry's contribution to real GDP growth indicates the extent to which the industry is affecting the growth of real GDP. Changes in an industry's share of current-dollar GDP indicate whether the industry's use of the economy's resources is increasing or decreasing. Changes in the composition of an industry's current-dollar GPO indicate whether the labor and capital shares for the industry are changing.

Real GPO growth rates

Over the period 1977–98, the gross product for all industry groups increased. The increases ranged from 5.5 percent for wholesale trade to 1.2 percent for government; real GDP increased at an average annual rate of 3.1 percent (table A, chart 1). Within the transportation and public utilities industry group, the communications industry grew 5.7 percent. In 1977–87, the growth rates ranged from 4.9 percent for wholesale trade to 1.1 percent for construction. In 1987–98, wholesale trade again grew the fastest at 5.9 percent.

The revisions to the growth rates of real GPO for 1977–97 were small. The growth rate for private industries was revised up 0.3 percentage

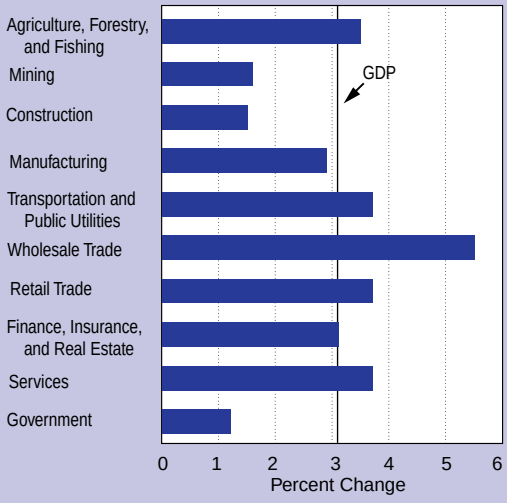
Table A.—Real Gross Domestic Product by Industry Group: Average Annual Rates of Change, Selected Periods

[Percent]

	1977–98	1977–87	1987–98	1987–92	1992–98
Gross domestic product	**3.1**	**3.1**	**3.0**	**2.4**	**3.6**
Private industries	**3.3**	**3.1**	**3.4**	**2.4**	**4.2**
Agriculture, forestry, and fishing	3.5	4.7	2.4	3.4	1.5
Mining	1.6	.8	2.3	–.6	4.7
Construction	1.5	1.1	1.9	–.5	4.0
Manufacturing	2.9	2.9	3.0	.7	4.9
Durable goods	3.8	2.9	4.8	1.0	8.1
Nondurable goods	1.7	3.0	.6	.3	.8
Transportation and public utilities	3.7	3.2	4.2	3.8	4.6
Transportation	3.8	3.1	4.4	3.6	5.1
Communications	5.7	5.2	6.2	5.0	7.2
Electric, gas, and sanitary services	1.8	1.5	2.1	3.1	1.2
Wholesale trade	5.5	4.9	5.9	4.7	6.9
Retail trade	3.7	3.4	4.1	2.2	5.7
Finance, insurance, and real estate	3.1	3.2	2.9	2.1	3.6
Services	3.7	4.0	3.4	3.3	3.5
Government	**1.2**	**1.4**	**1.0**	**1.6**	**.5**

CHART 1

Real Gross Product by Industry Group: Average Annual Change for 1977–98



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

point, the same as the 0.3-percentage point upward revision to real GDP growth (table B). By industry group, the real GPO growth rate for transportation and public utilities was revised up the most (0.6 percentage point), and that for agriculture, forestry, and fishing was revised down the most (0.2 percentage point).

In 1992–98, real GDP increased at an average annual rate of 3.6 percent; private industries increased 4.2 percent, and government increased 0.5 percent. Among the industry groups, manufacturing increased 4.9 percent, as durable-goods manufacturing increased 8.1 percent and nondurable-goods manufacturing increased 0.8 percent. Excluding manufacturing, the largest increases were in transportation and public utilities (7.2 percent in communications and 5.1 percent in transportation), and the smallest increase was in agriculture, forestry, and fishing (1.5 percent).

At the industry level of detail, the changes in real GPO varied widely in 1992–98. Real GPO increased at an average annual rate of 5 percent or more in 18 industries. The increases were especially large in electronic and other electric equipment (20.3 percent) and industrial machinery and equipment (13.1 percent) in durable-goods manufacturing, partly reflecting the rapid growth in high-tech products, and in nondepository institutions (20.0 percent) and security and commodity brokers (17.9 percent) in FIRE.[4] Real GPO decreased in nine industries. The largest decreases were in instruments and related products (4.1 percent) and "other transportation equipment" (1.7 percent) in durable-goods manufacturing.

Beginning with this GPO revision, estimates of gross output and intermediate inputs by industry for 1987–98 are available for all industries and industry groups (table C). These expanded estimates present a more comprehensive picture of an industry's output. The growth rate of real gross output for an industry can be decomposed into the real growth rates of its primary factors of production (value-added inputs—labor and capital) and its secondary factors of production (intermediate inputs—including energy, raw materials, semifinished goods, and services—that are purchased from domestic industries and from foreign sources). For example, in 1987–98, real gross output for services grew at an average annual rate of 4.7 percent as a result of a 3.4-percent growth in real value-added from labor and capital inputs (real GPO) and a 6.8-percent growth in real intermediate inputs.[5] This decomposition demonstrates that most of the growth in real gross output for services resulted from the growth in real intermediate inputs rather than from the growth in real value-added inputs.

Contributions to real GDP growth

The contribution of an industry to real GDP growth indicates the extent to which the industry's growth affects the growth of real GDP. This contribution depends on both the industry's growth rate

4. Chain-type quantity indexes of GPO are shown in table 5, and estimates of real (chained-dollar) GPO are shown in table 6. For information about the computation of the real GPO estimates, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries" in Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959–94," *Survey* 76 (August 1996): 142.

5. The contributions to growth of these components are a function of their relative size and of changes in their relative size over time as a result of factors such as increased outsourcing.

Table B.—Revisions to Average Annual Rates of Change of Real Gross Domestic Product by Industry Group, Selected Periods

[Percent]

	1977–97			1977–87			1987–97			1987–92			1992–97		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross domestic product	**2.7**	**3.0**	**0.3**	**2.8**	**3.1**	**0.3**	**2.6**	**2.9**	**0.3**	**2.0**	**2.4**	**0.4**	**3.1**	**3.4**	**0.3**
Private Industries	**2.9**	**3.2**	**.3**	**2.9**	**3.1**	**.2**	**2.9**	**3.2**	**.3**	**2.3**	**2.4**	**.1**	**3.6**	**4.0**	**.4**
Agriculture, forestry, and fishing	3.8	3.6	–.2	4.4	4.7	.3	3.2	2.6	–.6	3.7	3.4	–.3	2.6	1.8	–.8
Mining	1.4	1.4	0	.5	.8	.3	2.4	1.9	–.5	1.3	–.6	–1.9	3.6	4.5	.9
Construction	1.3	1.4	.1	1.1	1.1	0	1.4	1.7	.3	–.8	–.5	.3	3.6	3.9	.3
Manufacturing	2.7	2.9	.2	2.7	2.9	.2	2.8	2.8	0	.4	.7	.3	5.2	5.0	–.2
Durable goods	3.3	3.5	.2	2.7	2.8	.1	4.0	4.2	.2	.3	1.0	.7	7.9	7.6	–.3
Nondurable goods	2.0	2.0	0	2.8	3.0	.2	1.2	1.0	–.2	.5	.3	–.2	1.9	1.7	–.2
Transportation and public utilities	3.1	3.7	.6	2.7	3.2	.5	3.6	4.3	.7	3.1	3.8	.7	4.0	4.7	.7
Transportation	2.8	3.9	1.1	2.3	3.1	.8	3.3	4.7	1.4	1.9	3.6	1.7	4.6	5.8	1.2
Communications	4.6	5.7	1.1	5.2	5.2	0	4.0	6.1	2.1	3.9	5.0	1.1	4.0	7.2	3.2
Electric, gas, and sanitary services	2.3	1.8	–.5	1.2	1.5	.3	3.3	2.1	–1.2	3.2	3.1	–.1	3.4	1.0	–2.4
Wholesale trade	5.0	5.1	.1	4.8	4.9	.1	5.1	5.2	.1	4.7	4.7	0	5.5	5.8	.3
Retail trade	3.4	3.5	.1	3.4	3.4	0	3.4	3.7	.3	1.3	2.2	.9	5.6	5.3	–.3
Finance, insurance, and real estate	2.8	2.9	.1	3.2	3.2	0	2.4	2.6	.2	2.5	2.1	–.4	2.3	3.1	.8
Services	3.4	3.6	.2	3.9	4.0	.1	3.0	3.3	.3	2.9	3.3	.4	3.1	3.3	.2
Government	**1.0**	**1.2**	**.2**	**1.2**	**1.4**	**.2**	**.9**	**1.0**	**.1**	**1.5**	**1.6**	**.1**	**.2**	**.4**	**.2**

and its relative size.[6] In 1977–98, services and FIRE were the two largest contributors, accounting for 0.6 percentage point and 0.5 percentage point, respectively, of the 3.1-percent growth in real GDP (table D).

In 1987–98, services accounted for 0.6 percentage point and FIRE for 0.5 percentage point of the 3.0-percent growth in real GDP. In 1992–98, durable-goods manufacturing and services were the largest contributors; each accounted for 0.7 percentage point of the 3.6-percent growth in real GDP.

Shares of current-dollar GDP

An industry's share of current-dollar GDP is a good indicator of its relative size in the economy. (It is a better measure than an industry's share of real GDP, because shares of real GDP depend on the choice of the reference year.) Shares of current-dollar GDP can also be used to examine long-term trends in relative size, because these shares do not become distorted for years that are far from the reference year.

In 1992–98, the share of GDP accounted for by private services-producing industries increased from 61.2 percent to 64.7 percent, while the share accounted for by private goods-producing indus-

6. See the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note" in Lum and Moyer, "Gross Product by Industry," 24–25.

Table C.—Average Annual Rates of Change in Chain-Type Quantity Indexes by Industry Group, Selected Periods

[Percent]

	1987–98	1987–92	1992–98
Gross domestic product	**3.0**	**2.4**	**3.6**
Private industries:			
Gross output	3.7	2.3	4.8
Intermediate inputs	3.9	2.4	5.2
Gross product [1]	3.4	2.4	4.2
Agriculture, forestry, and fishing:			
Gross output	2.5	2.6	2.3
Intermediate inputs	2.5	1.9	3.0
Gross product	2.4	3.4	1.5
Mining:			
Gross output	1.0	.8	1.1
Intermediate inputs	–.9	2.7	–3.8
Gross product	2.3	–.6	4.7
Construction:			
Gross output	1.2	–1.5	3.5
Intermediate inputs	.4	–2.6	3.0
Gross product	1.9	–.5	4.0
Manufacturing:			
Gross output	3.4	1.4	5.1
Intermediate inputs	3.6	1.8	5.2
Gross product	3.0	.7	4.9
Durable goods:			
Gross output	4.9	1.4	7.8
Intermediate inputs	4.9	1.7	7.7
Gross product	4.8	1.0	8.1
Nondurable goods:			
Gross output	1.7	1.3	2.0
Intermediate inputs	2.2	1.8	2.6
Gross product	.6	.3	.8
Transportation and public utilities:			
Gross output	4.2	3.7	4.6
Intermediate inputs	4.2	3.6	4.6
Gross product	4.2	3.8	4.6
Wholesale trade:			
Gross output	4.9	3.5	6.1
Intermediate inputs	2.7	1.0	4.2
Gross product	5.9	4.7	6.9
Retail trade:			
Gross output	3.5	1.9	4.8
Intermediate inputs	2.3	1.5	3.0
Gross product	4.1	2.2	5.7
Finance, insurance, and real estate:			
Gross output	3.6	2.2	4.8
Intermediate inputs	4.9	2.5	7.0
Gross product	2.9	2.1	3.6
Services:			
Gross output	4.7	4.5	4.8
Intermediate inputs	6.8	6.7	7.0
Gross product	3.4	3.3	3.5
Government:			
Gross output	1.1	1.6	.7
Intermediate inputs	3.1	1.8	4.2
Gross product	1.0	1.6	.5
Addenda:			
Private goods-producing industries [2]:			
Gross output	3.0	1.1	4.6
Intermediate inputs	3.1	1.4	4.6
Gross product	2.8	.7	4.5
Private services-producing industries [3]:			
Gross output	4.1	3.2	4.9
Intermediate inputs	4.8	3.7	5.8
Gross product	3.7	3.0	4.4

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross product.
2. Consists of agriculture, forestry and fishing; mining; construction; and manufacturing.
3. Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

Table D.—Contributions to Percent Change in Real Gross Domestic Product by Industry Group, Selected Periods

[Average annual rate]

	1977–98	1977–87	1987–98	1987–92	1992–98
Percent change:					
Gross domestic product	**3.1**	**3.1**	**3.0**	**2.4**	**3.6**
Percentage points:					
Private industries	**2.8**	**2.7**	**2.9**	**2.1**	**3.5**
Agriculture, forestry, and fishing	.1	.1	0	.1	0
Mining	0	0	0	0	0
Construction	.1	.1	.1	0	.1
Manufacturing	.6	.6	.5	.1	.8
Durable goods	.4	.4	.5	.1	.7
Nondurable goods	.1	.3	0	0	.1
Transportation and public utilities	.3	.3	.4	.3	.4
Transportation	.1	.1	.1	.1	.2
Communications	.2	.1	.2	.1	.2
Electric, gas, and sanitary services	.1	0	.1	.1	0
Wholesale trade	.4	.3	.4	.3	.5
Retail trade	.3	.3	.4	.2	.5
Finance, insurance, and real estate	.5	.5	.5	.4	.6
Services	.6	.6	.6	.6	.7
Statistical discrepancy[1]	–.1	–.1	0	.1	–.1
Government	**.2**	**.2**	**.1**	**.2**	**.1**
Not allocated by industry[2]	**0**	**.2**	**0**	**0**	**0**

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.
2. Equals gross domestic product less the statistical discrepancy and the sum of gross product originating of the detailed industries.

NOTE.—For information on the calculation of the contributions to percent change, see footnote 6 in text.

tries decreased from 24.0 percent to 23.3 percent and the share accounted for by government decreased from 14.2 percent to 12.6 percent (table E).[7] In the private services-producing industries, all industry groups increased their shares of GDP. The largest increases were in services, from 19.3 percent to 21.0 percent, and in FIRE, from 18.1 percent to 19.1 percent. The decrease in the share of private goods-producing industries was the net effect of a decrease in the share for manufacturing from 17.1 percent to 16.4 percent and of small decreases in the shares for mining and agriculture, forestry, and fishing that were partly offset by an increase in the share for construction from 3.7 percent to 4.3 percent. State and local government enterprises maintained its share, but the shares of all the other components of government declined.

In 1947–98, the share of private services-producing industries increased from 44.8 percent to 64.7 percent, while the share of private goods-producing industries fell from 41.9 percent to 23.3 percent (chart 2). The shares of all the private goods-producing industry groups except construction decreased. Among the private services-producing industry groups, services and FIRE more than accounted for the increase in share of GDP.

About two-thirds of the shift in GDP shares from private goods-producing industries to private services-producing industries over the 1947–98 period occurred in 1977–98. In 1947–77, the share of private services-producing industries increased only 6.9 percentage points, from 44.8 percent to 51.7 percent, and the share of private goods-producing industries decreased 9.1 percentage points, from 41.9 percent to 32.8 percent. In 1977–98, the share of private services-producing industries increased more rapidly than in 1947–77—up 13.0 percentage points from 51.7 percent to 64.7 percent; this increase was mainly accounted for by services and FIRE. The share of private goods-producing industries decreased 9.5 percentage points from 32.8 percent to 23.3 percent.

The revisions to GPO had little effect on the industry-group shares of GDP. The largest downward revisions were to manufacturing, 0.2 percentage point for 1987 and 0.4 percentage point for 1997, and to FIRE, 0.2 percentage point for 1987 and 0.5 percentage point for 1997. These downward revisions were offset by upward revisions to the statistical discrepancy, 0.4 percentage point (from a negative value to a positive value) for 1987 and 0.6 percentage point (from a more negative to a less negative value) for 1997, and to transportation and public utilities, 0.3 percentage point for 1997.

The revisions to the shares of GDP reflect the revisions to current-dollar GDP, which in turn, largely reflect the NIPA revisions to the components of gross domestic income (GDI) and to the

7. Private goods-producing industries consist of agriculture, forestry, and fishing; mining; construction; and manufacturing. Private services-producing industries consist of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

CHART 2

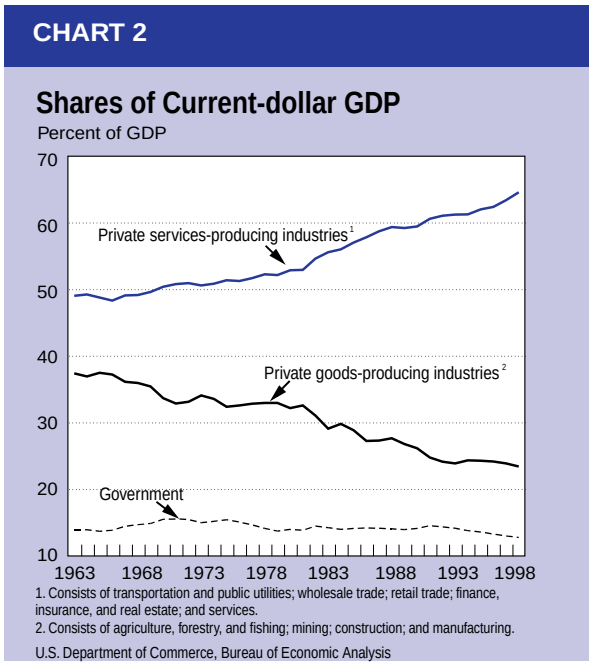


Table E.—Gross Product by Industry Group in Current Dollars As a Percentage of Gross Domestic Product, Selected Years

[Percent]

	1947	1959	1972	1977	1982	1987	1992	1998
Gross domestic product	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Private industries	**87.5**	**87.1**	**84.7**	**85.6**	**85.7**	**86.1**	**85.8**	**87.4**
Agriculture, forestry, and fishing	8.5	4.0	3.0	2.7	2.4	1.9	1.8	1.4
Mining	2.8	2.5	1.6	2.7	4.6	1.9	1.4	1.2
Construction	3.7	4.6	5.0	4.7	4.0	4.6	3.7	4.3
Manufacturing	26.9	27.7	23.4	22.8	20.0	18.7	17.1	16.4
Durable goods	13.6	16.1	14.0	13.7	11.6	10.9	9.4	9.6
Nondurable goods	13.3	11.6	9.5	9.1	8.3	7.8	7.7	6.7
Transportation and public utilities	8.6	8.9	8.8	8.8	9.1	9.0	8.5	8.7
Transportation	5.8	4.5	3.9	3.8	3.4	3.3	3.1	3.2
Communications	1.3	2.0	2.4	2.5	2.7	2.6	2.6	3.0
Electric, gas, and sanitary services	1.6	2.5	2.5	2.6	3.0	3.0	2.9	2.5
Wholesale trade	6.7	7.0	7.0	7.0	6.9	6.5	6.6	7.0
Retail trade	11.6	9.8	9.6	9.4	8.8	9.2	8.7	8.9
Finance, insurance, and real estate	9.7	12.9	13.9	13.9	15.4	17.5	18.1	19.1
Services	8.3	9.5	11.7	12.6	14.6	16.7	19.3	21.0
Statistical discrepancy [1]	.8	.2	.7	1.1	.1	.1	.7	–.5
Government	**12.5**	**12.9**	**15.3**	**14.4**	**14.3**	**13.9**	**14.2**	**12.6**
Addenda:								
Private goods-producing industries [2]	41.9	38.8	33.0	32.8	31.0	27.2	24.0	23.3
Private services-producing industries [3]	44.8	48.2	51.0	51.7	54.7	58.8	61.2	64.7

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.
2. Consists of agriculture, forestry, and fishing; mining; construction; and manufacturing.
3. Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

industry distributions of these components. GDP was revised up for all years: The revisions were generally small before 1987, but starting with 1987, the revisions to current-dollar GDP increased substantially—from $50.2 billion (1.1 percent) for 1987 to $74.5 billion (1.2 percent) for 1992 and to $189.9 billion (2.3 percent) for 1997 (table F).

For all years, a major contributor to the upward revision to current-dollar GDP was the NIPA definitional change that recognized software as investment. The new treatment of software mainly affected the share of business services, which was revised up 0.3 percentage point for 1997, from 4.5 percent to 4.8 percent.

Composition of GPO

The changes over time in an industry's share of labor and capital reflect differences in the growth rates of the components of current-dollar GPO.[8] For the total economy, the share of GDP that was accounted for by labor decreased from 58.1 percent in 1987 to 57.7 percent in 1992 and to 57.3 percent in 1998, while the share of capital dropped from 34.0 percent to 33.5 percent and then rose to 35.5 percent (table 4). The share of indirect business tax and nontax liability increased from 7.8 percent to 8.1 percent and then dropped to 7.7 percent.[9]

Although the shares of labor and capital for the total economy did not change greatly in 1987–98, the shifts were substantial for manufacturing. The labor share of GPO for manufacturing decreased from 68.6 percent in 1987 to 63.9 percent in 1998, despite a decrease of less than 1.0 percent in full-time equivalent employment, while the capital share increased from 27.9 percent to 32.4 percent.[10] The decrease in labor share and the increase in capital share can be largely attributed to durable-goods manufacturing, which accounts for nearly three-fifths of manufacturing; the labor share decreased 6.2 percentage points, and the capital share increased 5.9 percentage points. Most of this shift occurred in 1992–98.

The shifts in the labor and capital shares in mining, in agriculture, forestry, and fishing, and in wholesale trade were also large. The biggest shift was in agriculture, forestry, and fishing, where the labor share increased from 27.4 percent to 37.0

8. The labor share of production is approximated using compensation of employees—which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of production is approximated using property-type income—which consists of corporate profits and proprietors' income with inventory valuation adjustment, rental income of persons, net interest, private capital consumption allowances (CCA's), business transfer payments, the current surplus of government enterprises less subsidies and government consumption of fixed capital. Proprietors' income is included in property-type income; however, an unknown portion of proprietors' income represents a labor share of production. Indirect business tax and nontax liability (primarily sales, property, and excise taxes) is not included in property-type income, because it is the part of the pretax return to capital that accrues to government rather than to business. Private CCA's are used to calculate GPO because detailed industry estimates of private consumption of fixed capital are not available. The GPO by industry estimates are not affected by this difference in the valuation of depreciation because the estimates of private CCA's are deducted in computing corporate profits before tax and proprietors' income and are derived from the same source data.

9. The shares do not add to 100.0, because of the statistical discrepancy, which was 0.1 percent in 1987, 0.7 percent in 1992, and -0.5 percent in 1998.

10. For some analytical purposes, such as multifactor productivity analysis, the labor and capital shares of gross output are more appropriate than the labor and capital shares of GPO. For most industries, particularly for manufacturing, the labor and capital shares of GPO are larger than the labor and capital shares of gross output, because gross output also includes intermediate inputs. For example, labor's share of manufacturing gross output was 22.9 percent in 1998, whereas labor's share of manufacturing GPO was 63.9 percent.

Table F.—Revisions to Gross Domestic Product by Industry Group in Current Dollars, Selected Years

[Billions of dollars]

	1959			1967			1977			1987			1992			1997		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross domestic product	**507.2**	**507.4**	**0.2**	**833.6**	**834.1**	**0.5**	**2,026.9**	**2,031.4**	**4.5**	**4,692.3**	**4,742.5**	**50.2**	**6,244.4**	**6,318.9**	**74.5**	**8,110.9**	**8,300.8**	**189.9**
Private Industries	**442.4**	**442.1**	**–.3**	**715.7**	**715.5**	**–.2**	**1,733.3**	**1,738.3**	**5.0**	**4,039.1**	**4,081.4**	**42.3**	**5,370.8**	**5,424.5**	**53.7**	**7,083.3**	**7,241.4**	**158.1**
Agriculture, forestry, and fishing	20.3	20.3	0	24.9	24.9	0	54.1	54.3	.2	88.5	88.9	.4	112.4	111.7	–.7	131.7	129.7	–2.0
Mining	12.5	12.6	.1	15.2	15.3	.1	54.1	54.0	–.1	88.3	92.2	3.9	92.2	87.6	–4.6	120.5	121.0	.5
Construction	23.7	23.6	–.1	39.5	39.4	–.1	93.8	94.8	1.0	217.0	219.3	2.3	229.7	234.4	4.7	328.8	343.1	14.3
Manufacturing	140.3	140.3	0	220.8	221.3	.5	462.6	462.8	.2	889.2	888.6	–.6	1,063.6	1,082.0	18.4	1,378.9	1,377.2	–1.7
Durable goods	81.7	81.7	0	134.1	134.4	.3	277.6	278.1	.5	513.3	516.8	3.5	573.4	594.0	20.6	784.0	798.7	14.7
Nondurable goods	58.6	58.6	0	86.7	86.9	.2	185.0	184.7	–.3	375.9	371.8	–4.1	490.3	488.0	–2.3	594.9	578.5	–16.4
Transportation and public utilities	44.9	45.3	.4	70.4	70.9	.5	179.1	179.4	.3	420.5	426.2	5.7	528.7	538.5	9.8	676.3	713.2	36.9
Transportation	22.7	22.7	0	32.7	32.8	.1	76.2	76.2	0	157.9	158.8	.9	192.8	193.4	.6	255.5	262.8	7.3
Communications	10.1	10.1	0	18.3	18.3	0	50.0	50.0	0	124.9	125.5	.6	161.1	163.9	2.8	211.6	243.1	31.5
Electric, gas, and sanitary services	12.2	12.5	.3	19.4	19.8	.4	52.9	53.2	.3	137.7	141.9	4.2	174.7	181.2	6.5	209.2	207.2	–2.0
Wholesale trade	36.0	35.7	–.3	57.7	57.5	–.2	142.2	142.2	0	300.8	308.9	8.1	406.4	414.6	8.2	562.8	572.3	9.5
Retail trade	49.1	49.5	.4	78.2	78.7	.5	190.2	190.9	.7	435.8	434.5	–1.3	544.3	551.7	7.4	712.9	734.1	21.2
Finance, insurance, and real estate	68.6	65.5	–3.1	117.0	111.6	–5.4	283.4	282.2	–1.2	829.7	829.7	0	1,147.9	1,140.9	–7.0	1,570.3	1,561.6	–8.7
Services	48.4	48.4	0	90.8	91.0	.2	255.5	256.2	.7	784.6	789.9	5.3	1,200.8	1,219.4	18.6	1,656.8	1,692.5	35.7
Statistical discrepancy [1]	–1.6	.8	2.4	1.3	4.8	3.5	18.2	21.6	3.4	–15.4	3.3	18.7	44.8	43.7	–1.1	–55.8	–3.2	52.6
Government	**64.8**	**65.3**	**.5**	**117.9**	**118.6**	**.7**	**293.5**	**293.1**	**–.4**	**653.2**	**661.0**	**7.8**	**873.6**	**894.4**	**20.8**	**1,027.6**	**1,059.4**	**31.8**

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

percent, and the capital share decreased from 67.3 percent to 57.3 percent. In mining, the labor share decreased from 36.9 percent to 34.3 percent, and the capital share increased from 50.0 percent to 54.5 percent. In wholesale trade, the labor share decreased from 57.7 percent to 54.6 percent, and the capital share increased from 19.4 percent to 24.7 percent.

GPO Prices and Unit Costs

This section presents the estimates of GPO prices and unit costs by industry. First, it presents the GPO price indexes, including a discussion of contributions to GDP price change and a discussion of the relationship among GPO, gross output, and intermediate inputs price indexes. Second, it defines and presents the estimates of unit costs by industry and discusses their relationship to the GPO prices.

GPO prices

The GPO price index for an industry represents the price of its primary factors of production. For all industries and industry groups, the GPO price indexes are computed using a Fisher chain-type price-index-number formula. Because the GPO price indexes are computed using a Fisher formula, an industry's price index can be used in combination with its quantity index to separate changes in current-dollar GPO into price changes and quantity changes. For example, the 1987–98 average annual growth of 4.4 percent in current-dollar manufacturing GPO can be viewed as the product of a 1.4-percent growth in the manufacturing GPO price index (table G) and a 3.0-percent growth in the manufacturing GPO quantity index (table C)—that is, 1.044=1.014×1.030.

In 1987–98, the average annual change in the price of GPO for private services-producing industries (2.8 percent) was greater than, and the change in the price of GPO for private goods-producing industries (1.5 percent) was less than, the change in the GDP price index (2.6 percent). The slower growth in the index for private goods-producing industries partly reflected the rapidly declining prices of high-tech goods—including computers, digital telephone-switching equipment, and semiconductors.

In 1992–98, the GPO price index for private industries increased 1.7 percent, slightly less than the 1.9-percent increase in the GDP price index. The slower growth in the prices for private industries is partly attributable to a decline in manufacturing prices, as a decrease in durable-goods prices more than offset an increase in nondurable-goods prices. In addition, the price indexes for three other private industry groups that are involved in the distribution of goods to consumers either increased less than the GDP price index or decreased: Transportation and public utilities (1.3

Table G.—Average Annual Rates of Change in Chain-Type Price Indexes by Industry Group, Selected Periods

[Percent]

	1987–98	1987–92	1992–98
Gross domestic product	**2.6**	**3.4**	**1.9**
Private industries:			
Gross output	2.1	2.9	1.5
Intermediate inputs	1.8	2.5	1.2
Gross product [1]	2.4	3.3	1.7
Agriculture, forestry, and fishing:			
Gross output	1.5	2.1	.9
Intermediate inputs	2.1	3.0	1.4
Gross product	.8	1.2	.4
Mining:			
Gross output	–.1	.5	–.5
Intermediate inputs	1.3	1.7	.9
Gross product	–1.0	–.4	–1.5
Construction:			
Gross output	2.8	2.4	3.2
Intermediate inputs	2.6	3.0	2.2
Gross product	3.0	1.8	3.9
Manufacturing:			
Gross output	1.1	2.4	.1
Intermediate inputs	1.0	1.9	.2
Gross product	1.4	3.3	–.1
Durable goods:			
Gross output	.3	1.8	–.9
Intermediate inputs	.6	1.8	–.3
Gross product	–.2	1.8	–1.9
Nondurable goods:			
Gross output	2.1	3.1	1.2
Intermediate inputs	1.3	2.1	.7
Gross product	3.7	5.3	2.4
Transportation and public utilities:			
Gross output	1.2	1.4	1.1
Intermediate inputs	1.4	2.1	.8
Gross product	1.1	.9	1.3
Wholesale trade:			
Gross output	.9	1.7	.2
Intermediate inputs	1.6	2.6	.9
Gross product	.5	1.3	–.1
Retail trade:			
Gross output	1.7	2.7	.9
Intermediate inputs	2.4	2.7	2.1
Gross product	1.3	2.7	.2
Finance, insurance, and real estate:			
Gross output	3.5	4.1	3.0
Intermediate inputs	3.4	3.5	3.4
Gross product	3.6	4.4	2.9
Services:			
Gross output	3.6	4.6	2.7
Intermediate inputs	2.1	2.9	1.5
Gross product	4.4	5.6	3.5
Government:			
Gross output	3.6	4.4	2.9
Intermediate inputs	1.9	2.3	1.6
Gross product	3.7	4.6	3.0
Addenda:			
Private goods-producing industries [2]:			
Gross output	1.3	2.3	.5
Intermediate inputs	1.2	2.1	.4
Gross product	1.5	2.6	.5
Private services-producing industries [3]:			
Gross output	2.6	3.4	2.1
Intermediate inputs	2.3	2.9	1.9
Gross product	2.8	3.6	2.1

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross product.
2. Consists of agriculture, forestry and fishing; mining; construction; and manufacturing.
3. Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

percent), wholesale trade (-0.1 percent), and retail trade (0.2 percent). FIRE (2.9 percent) and services (3.5 percent) were among the industry groups for which the GPO price index increased more than the GDP price index.

Contributions to change.—GPO prices can be used to assess an industry's contribution to the change in GDP prices. This contribution depends on the industry's size relative to GDP and on the growth rate of its GPO price index.[11] In 1987–98, the largest contributors to the change in the GDP price index (2.6 percent) were services (0.8 percentage point) and FIRE (0.6 percentage point), both of which were large and rapidly growing industry groups (table H). Manufacturing contributed 0.3 percentage point, all of which was accounted for by nondurable-goods manufacturing.

Gross output prices and intermediate inputs prices.—Because price indexes for gross output and intermediate inputs are now available for all industries and industry groups for 1987–98, the relationships among percent changes in the chain-type price indexes for GPO, gross output, and intermediate inputs can be analyzed in a similar manner as the relationships for the chain-type quantity indexes. For example, in 1987–98, the gross output price index for wholesale trade grew at an average annual rate of 0.9 percent as a result of a 0.5-percent growth rate in the price index for capital and labor inputs (GPO) and a 1.6-percent growth rate in the price index for intermediate inputs.[12]

Unit costs

The GPO chain-type price index for an industry represents the price of its primary factors of production. Therefore, an industry's GPO price index can be used in combination with its current-dollar GPO components to assess each component's contribution to total industry labor and capital costs.[13]

The GPO measures of unit costs are computed by dividing current-dollar GPO and its components by real (chained-dollar) GPO.[14] The resulting quotients are the GPO chain-type price index and the part of the price index that is associated with each component.[15] GPO unit-cost measures by private industry group are presented in table 14.[16] If the percent change in the unit cost for a component is greater than the percent change in the GPO price index, the relative importance of that component in the industry cost structure has increased.

The cost per unit of GPO for private industries increased 2.4 percent in 1987–98. Unit labor costs (compensation of employees per unit of GPO) increased 2.3 percent (table I). Unit costs for indirect business tax and nontax liability increased 2.1 percent, and unit costs for property-type income increased 2.7 percent. The larger increase in the unit costs for property-type income indicates that capital costs became a larger part of GPO unit costs during the period—that is, the return to capital per unit of gross product increased.

In 1987–98, unit labor costs declined in mining, durable-goods manufacturing, and wholesale

11. For a description of the calculation of these contributions, see the reference in footnote 6. For price calculations, the procedure described in the reference was modified to replace the chain-type quantity index with the chain-type price index.

12. The contributions to growth of these components are a function of their relative size and of changes in their relative size over time as a result of factors such as increased outsourcing.

13. See the section "Composition of GPO."

14. Current-dollar cost per unit of real GPO equals the GPO price index divided by 100.

15. GPO unit-cost measures are not derived from separate price indexes for labor and capital; instead, these measures are derived by proportionally distributing an industry's GPO price index to the components of its current-dollar GPO.

16. These unit-cost measures differ from the unit-labor-cost and unit-nonlabor-cost series published by the Bureau of Labor Statistics (BLS). See Department of Labor, Bureau of Labor Statistics, *BLS Handbook of Methods*, Bulletin 2490 (Washington, DC: U.S. Government Printing Office, April 1997).

Table H.–Contributions to Percent Change in the Chain-Type Price Index for Real Gross Domestic Product by Industry Group, Selected Periods

[Average annual rate]

	1987–98	1987–92	1992–98
Percent change:			
Gross domestic product	**2.6**	**3.4**	**1.9**
Percentage points:			
Private industries	**2.1**	**2.9**	**1.6**
Agriculture, forestry, and fishing	0	0	0
Mining	0	0	0
Construction	.1	.1	.1
Manufacturing	.3	.6	0
Durable goods	0	.2	–.1
Nondurable goods	.3	.4	.2
Transportation and public utilities	.1	.1	.1
Transportation	0	0	0
Communications	0	0	0
Electric, gas, and sanitary services	.1	.1	.1
Wholesale trade	0	.1	0
Retail trade	.1	.2	.1
Finance, insurance, and real estate	.6	.8	.6
Services	.8	1.0	.7
Statistical discrepancy [1]	0	0	0
Government	**.5**	**.6**	**.4**
Not allocated by industry[2]	**0**	**–.1**	**–.1**

1. Equals gross domestic product measured as the sum of expenditures less gross domestic income.

2. Equals gross domestic product less the statistical discrepancy and the sum of gross product originating of the detailed industries.

NOTE.–For information on the calculation of the contributions to percent change, see footnote 11 in text.

trade, and they increased in all the other private industry groups. In agriculture, forestry, and fishing, in FIRE, and in services, the increases in unit labor costs were larger than the increases in total unit costs.

In 1992–98, the larger declines or smaller increases in unit labor costs relative to total unit costs were in industry groups engaged in the production and distribution of goods to consumers. In transportation and public utilities, unit labor costs increased 0.5 percent, less than the 1.3-percent increase in total unit costs. In wholesale trade, unit labor costs declined 1.0 percent, while total unit costs declined only 0.1 percent. In retail trade, unit labor costs declined 0.6 percent, while total unit costs increased 0.2 percent.

Table I.–Average Annual Rates of Change in Current-Dollar Cost per Unit of Real Gross Product Originating by Private Industry Group, Selected Periods

[Percent]

	1987–98	1987–92	1992–98
Total	**2.4**	**3.3**	**1.7**
Compensation of employees	2.3	3.3	1.5
Indirect business tax and nontax liability	2.1	4.3	.4
Property-type income	2.7	3.1	2.2
Agriculture, forestry and fishing	.8	1.2	.4
Compensation of employees	4.7	3.7	5.6
Indirect business tax and nontax liability	1.2	.5	1.8
Property-type income	–1.1	.3	–2.2
Mining	–1.0	–.4	–1.5
Compensation of employees	–.4	2.3	–2.7
Indirect business tax and nontax liability	–.9	2.9	–3.9
Property-type income	–1.4	–2.9	0
Construction	3.0	1.8	3.9
Compensation of employees	3.0	2.3	3.6
Indirect business tax and nontax liability	4.7	6.1	3.6
Property-type income	2.8	.6	4.7
Manufacturing	1.4	3.3	–.1
Compensation of employees	.7	2.8	–1.0
Indirect business tax and nontax liability	2.2	6.5	–1.1
Property-type income	2.8	4.0	1.8
Durable goods	–.2	1.8	–1.9
Compensation of employees	–1.0	1.8	–3.3
Indirect business tax and nontax liability	.6	5.2	–3.1
Property-type income	1.8	1.5	2.1
Nondurable goods	3.7	5.3	2.4
Compensation of employees	3.2	4.4	2.2
Indirect business tax and nontax liability	4.6	7.4	2.4
Property-type income	4.3	6.4	2.6
Transportation and public utilities	1.1	.9	1.3
Compensation of employees	.6	.7	.5
Indirect business tax and nontax liability	1.4	3.1	–.1
Property-type income	1.6	.7	2.3
Wholesale trade	.5	1.3	–.1
Compensation of employees	–.1	1.0	–1.0
Indirect business tax and nontax liability	0	2.3	–1.8
Property-type income	2.7	1.2	3.9
Retail trade	1.3	2.7	.2
Compensation of employees	.8	2.6	–.6
Indirect business tax and nontax liability	1.8	3.3	.6
Property-type income	2.3	2.4	2.3
Finance, insurance and real estate	3.6	4.4	2.9
Compensation of employees	3.8	3.9	3.8
Indirect business tax and nontax liability	2.1	4.7	0
Property-type income	3.7	4.5	3.1
Services	4.4	5.6	3.5
Compensation of employees	4.8	5.8	3.9
Indirect business tax and nontax liability	5.2	6.1	4.5
Property-type income	3.5	4.9	2.3

NOTE.–Current-dollar cost per unit of real gross product orginating equals the GPO price index divided by 100.

Changes in Methodology and Presentation

This section presents changes in methodology and presentation. First, it discusses changes to methodology resulting from changes in NIPA sources, GPO methodology, and GPO source data. Second, it discusses changes in the presentation of the GPO estimates.

NIPA sources

Most of the definitional and statistical changes that were incorporated in the recent comprehensive revision of the NIPA's had little or no effect on the GPO estimates. Two notable exceptions were the recognition of business purchases and government expenditures for software as investment and the redefinition of the value of imputed services of regulated investment companies.[17]

Beginning with estimates for 1959, the NIPA's now recognize business and government expenditures, including own-account production of software, as fixed investment. This change, which resulted in an upward revision to GDP, primarily affected property-type income. In the GPO estimates, the reclassification of software also resulted in a decrease in intermediate inputs, and the recognition of own-account software resulted in an increase in gross output. The industries that were most affected by the new treatment of software were wholesale trade, retail trade, FIRE (depository institutions, nondepository institutions, and insurance carriers), and services (business services, including computer and data processing services).

In addition, beginning with the NIPA estimates for 1959, imputed services of regulated investment companies (mutual funds) were redefined to equal operating expenses rather than net property income received. This redefinition affected both GDP and the net interest component of GDI, increasing both in some years and decreasing both in some years. This revision affected the GPO property-type income of several industries, primarily the regulated investment companies component of holding and other investment companies.

The GPO revision also incorporated statistical changes that were made in the comprehensive NIPA revision.[18] Two changes—the incorporation

17. Brent R. Moulton, Robert P. Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: Definitional and Classificational Changes," *Survey* 79 (August 1999): 7–20.

18. Brent R. Moulton and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: Statistical Changes," *Survey* 79 (October 1999): 6–17.

of improved estimates of the real value of unpriced banking services and the incorporation of geometric-mean-type consumer price indexes—affected real GPO through the prices of both gross output and intermediate inputs. The NIPA price index for banking services was used to develop the gross output estimates for depository institutions and the intermediate inputs price indexes for banking services. The geometric-mean-type consumer price indexes were used in the computation of the estimates of real gross output for many of the private services-producing industries, particularly for retail trade.

The GPO components that were most affected by the comprehensive NIPA revision were property-type income and the statistical discrepancy, which is included in the aggregate for private industries. Revisions to compensation of employees and to indirect business taxes and nontax liability were generally small for all industry groups. For 1987, the revisions to the current-dollar GPO estimates were largely to transportation and public utilities, wholesale trade, and the statistical discrepancy (table F). For 1992, they were largely to manufacturing and to services, and in 1997, they were largely to transportation and public utilities, to services, and to the statistical discrepancy.

GPO methodology

Extension of the double-deflation method.—In the previously published GPO estimates, the double-deflation method was used to compute real GPO by industry for 51 of the 63 industries for which it is the preferred method.[19] In the double-deflation method, estimates of gross output and intermediate inputs are used in the calculation of real GPO. Generally, double deflation is the conceptually preferred method because it requires fewer assumptions about the relationships among gross output and intermediate inputs.

In this GPO revision, the double-deflation method has been extended to the remaining 12 industries, starting with the estimates for 1987.[20] The methodology used to compute the gross output estimates is generally the same as that used for the previously published estimates. In 1987–98, real gross output for the 12 industries increased at an average annual rate of 5.3 percent, compared with the 3.4-percent increase for "all industries" (table 10), and real GPO for the 12 industries increased 4.4 percent.

New gross output estimates.—The extension of the double-deflation method required the development of new gross output estimates for 12 industries. Several aspects of the methodology deserve special attention.

- For depository institutions, the improved price index for imputed service charges that was incorporated into the comprehensive NIPA revision was used as the price index for the unpriced services component of gross output.
- For nondepository institutions, the operating lease receipts of establishments primarily engaged in motor vehicle finance leasing are included in gross output for this industry for consistency with the estimates of current-dollar GPO.
- For other real estate, the rental value of buildings and equipment owned by nonprofit institutions serving persons and gross royalties received are included in gross output for this industry for consistency with the estimates of current-dollar GPO.
- For holding and other investment offices, current-dollar gross output is measured as the sum of current-dollar GPO and current-dollar intermediate inputs.[21] The price index for gross output incorporates wages

Data Availability

The summary estimates of gross product by industry that are presented in this article and more detailed estimates for 1947–98 are available on BEA's Web site; go to <www.bea.doc.gov> and click on "Industry and Wealth data." These estimates are also available online to subscribers to STAT-USA's Economic Bulletin Board and Internet services (call 202–482–1986, or go to <www.stat-usa.gov>).

In addition, the estimates will be available on the following diskettes for $20.00 each in late June.

Gross Product by Industry, 1947–98—product number NDN–0256

Gross Output by Detailed Industry, 1977–98—product number NDN–0257

Manufacturing Industry Shipments, 1977–98—product ID number NDN–0258

Manufacturing Product Shipments, 1977–96—product ID number NDN–0259

To order, call the BEA Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666)

19. See footnote 2.

20. The 12 industries are water transportation, transportation services, depository institutions, nondepository institutions, other real estate, holding and other investment offices, business services, social services, membership organizations, other (professional) services, Federal Government enterprises, and State and local government enterprises.

and salaries per employee, the chain-type price index for capital consumption allowances, and the chain-type price index for intermediate inputs.

- For business services, the composite price index for computer programming, data processing, and related services incorporates the new BEA price indexes for prepackaged and custom software that were also included in the new treatment of software in the NIPA's.

Improved gross output estimates.—Several types of improvements were made to the previously published gross output estimates, generally beginning in 1987. For agricultural services, forestry, and fishing, for trucking and warehousing, and for telephone and telegraph, the use of additional component detail improved the gross output estimates. For electric, gas, and sanitary services, an improved indicator series and a price index from the Department of Energy were introduced to reflect changes in the structure of the gas utility industry. For security and commodity brokers, the improved NIPA adjustment for excluding interest from gains on trading accounts was introduced, and for insurance carriers, corrections were made to the previous method for computing the current-dollar indicator series for the property and casualty insurance component.

Treatment of corporate net interest.—For the estimates of current-dollar GPO, NIPA income components often need to be converted from a company basis to an establishment basis. As part of this GPO revision, the estimates of corporate net interest, starting with 1987, were converted from a company basis to an establishment basis; previously, corporate profits before tax and corporate capital consumption allowances were converted from a company basis to an establishment basis, but the estimates of corporate net interest were not.[22]

In general, this change did not significantly affect the current-dollar GPO for most industries. The industries that were affected the most were nondepository institutions, security and commodity brokers, insurance carriers, and holding and investment offices. Although the revisions to net interest were relatively large for these industries, the adjustments from a company basis to an establishment basis are consistent in sign and magnitude with the adjustments for corporate profits before tax in which interest received is recorded as a receipt.

Improved industry distributions of indirect business tax and nontax liability.—Starting with 1977, the industry distributions of selected components of indirect business tax and nontax liability were updated.[23] Industry distributions of State and local general sales and gross receipts taxes were updated to incorporate data from an expanded sample of States and the District of Columbia. The industry and State distributions of other selected State and local taxes were updated with Census of Governments data for States, supplemented as needed with other State data. Selected taxes and payments include severance taxes, alcohol excise taxes, occupation and business license fees, other selective taxes, documentary and stock transfer taxes, public utility excise taxes, and motor vehicle license fees. Benchmark distributions were developed for 1977, 1982, 1987, 1992, and 1997.

21. For this industry, the year-to-year changes in GPO largely reflect changes in the property-type income. In many years, these changes have been very large, making the estimation of real GPO extremely difficult. As a result, for the GPO estimates, an indirect method is used to estimate gross output in which current-dollar intermediate inputs are estimated by extrapolating the intermediate inputs for this industry from the 1992 benchmark I-O accounts by BEA wages and salaries for this industry. A preliminary study of the sources of these large changes indicates classification problems in the underlying source data.

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22. As a result of this change in methodology, separate estimates of corporate net interest and of noncorporate net interest are now available as detailed components of GPO.

23. Statistical revisions to control totals for selected components of indirect business taxes for State and local government that were introduced in the comprehensive revision of the NIPA's slightly affected the industry distribution of these taxes.

GPO source data

The GPO estimates also incorporated new source data. The 1992 benchmark I-O accounts provided updated benchmarks for deriving the gross output estimates. Industry compositions of intermediate inputs were incorporated from the 1992 benchmark I-O accounts and the 1996 annual I-O accounts. The 1992 Census Bureau employment matrix provided an updated relationship among companies and establishments that was used to convert profits before tax, corporate net interest, and corporate capital consumption allowances from a company basis to an establishment basis.

The extension of the double-deflation method required the use of additional source data. For example, for depository and nondepository institutions, data from the Federal regulatory agencies, federally sponsored credit agencies, and BLS were used to develop gross output estimates. For business services, social services, membership organizations, and other professional services, extensive use was made of data from the Census Bureau's services annual survey. The gross output estimates of Federal Government enterprises and State and local government enterprises incorporated data from the U.S. Postal Service and the Census Bureau.

In addition, estimates from the comprehensive NIPA revision, new and revised estimates from Census Bureau annual surveys, and newly available producer price indexes from BLS were incorporated into the GPO estimates. Data from the Census Bureau on manufacturers' shipments, inventories, and orders were used to prepare the estimates of industry shipments for 1997–98.

Changes in presentation

Two major changes in presentation were made for this GPO revision. First, the reference year for chain-type measures was updated from 1992 to 1996; this change did not directly affect the percent changes in the price or quantity indexes or in chained dollars, because these changes are measured with chain-type indexes. Second, the presentation of the estimates of gross output and intermediate inputs was changed to reflect the extension of the double-deflation method to all industries.

Methodology

This section discusses the methodology, including the source data and estimating procedures, that is used to prepare the estimates of current-dollar and real GPO. Previously published tables that summarize the methodology have been updated to incorporate the major changes introduced in this GPO revision.

Current-dollar GPO estimates

The current-dollar GPO estimates are prepared as the sum of the distributions by industry of the components of GDI (see the box "Gross Product Originating: Definition and Relationship to Gross Domestic Product").[24] This section describes the methodology for distributing the current-dollar estimates of these components.

For most components of GDI, the estimates are based on source data that provide industry distributions on either a company basis or an establishment basis. Only the estimates with distributions based on establishment data can be used directly to calculate industry GPO. The industry distributions of the components that are estimated from Internal Revenue Service (IRS) tabulations of business tax returns, which are on a company basis, must generally be converted to an establishment basis; this conversion is particularly necessary for companies whose establishments are classified in several industries. For the components for which the source data do not provide industry distributions, BEA has developed establishment-based industry distributions from related sources (table J).

To convert company-based data to an establishment basis, Census Bureau matrixes of the employment of establishments of corporations are used. These matrixes present employment of establishments cross-classified by the company-industry classifications assigned by the IRS in preparing tabulations of corporate tax returns and by the establishment-industry classifications assigned by the Census Bureau in the economic censuses. These matrixes are used to adjust the data on corporate profits before tax, corporate net interest, and corporate capital consumption allowances from a company basis to an establishment basis. For integrated petroleum companies, the results of applying these matrixes are supplemented by tabulations of net income and depreciation of energy companies on an establishment basis from the Department of Energy financial reporting system. These matrixes are also adjusted to reflect

24. Private capital consumption allowances (CCA's) are used to calculate GPO because detailed industry estimates of private consumption of fixed capital are not available. The GPO by industry estimates are not affected by this difference in the valuation of depreciation because the estimates of private CCA's are deducted in computing corporate profits before tax and proprietors' income and are derived from the same source data.

publicly available information about large mergers, acquisitions, or changes in company diversification that have occurred since 1992, the year covered by the latest matrix.

Real GPO estimates

For this GPO revision, the 1987–98 GPO chain-type quantity indexes for all industries and industry groups except private households and general government are calculated using the double-deflation method.[25] The GPO chain-type quantity indexes for 1977–87 are calculated using one of three alternative methods—double deflation, extrapolation, or direct deflation—depending on the availability and reliability of source data.[26] In the double-deflation method, separate estimates of gross output and intermediate inputs are combined in a Fisher chain-type quantity-index-number formula to generate chain-type quantity indexes of GPO.[27] The double-deflation method is the preferred method for computing GPO chain-type quantity indexes because it requires fewer assumptions about the relationships among gross output and intermediate inputs. The real, or chained (1996) dollar, GPO estimates for each industry and industry group are derived as the product of the GPO chain-type quantity index (divided by 100) and the corresponding 1996 current-dollar GPO value.

Table K provides a summary description of the principal source data used to prepare the detailed estimates of current-dollar gross output and

25. See footnote 2.

26. For a description of these alternative methods, see Yuskavage, "Improved Estimates," 143–149.

27. See footnote 4.

Table J.—Major Sources for Current-Dollar Gross Product Originating by Industry

Component	Major source data	Industrial distribution	
		Distribution available in source data	Data or assumption used if distribution by establishment is not available in source data
Compensation of employees:			
Wages and salaries	BLS tabulations of wages and salaries of employees covered by State unemployment insurance and Office of Personnel Management data on wages and salaries of Federal Government employees.	Establishment.	
Employer contributions for social insurance	Federal budget data	None	Social Security Administration and BLS tabulations.
Other labor income	Department of Labor tabulations of pension plans, HCFA and BLS data on health insurance, trade association data for other types.	None, except pensions	BLS employer cost for employee compensation.
Proprietors' income with inventory valuation adjustment:			
Farm	Department of Agriculture farm statistics	Establishment.	
Nonfarm:			
Proprietors' income	IRS tabulations of business tax returns	Company	Assumed to be equivalent to an establishment distribution.
Inventory valuation adjustment	BLS prices and IRS inventory data	Establishment.	
Rental income of persons	Census Bureau American Housing Survey, BLS Consumer Expenditures Survey, and IRS tabulations of business and individual tax returns.	Establishment.	
Corporate profits with inventory valuation adjustment:			
Corporate profits before tax	IRS tabulations of business tax returns	Company	Census Bureau company-establishment employment matrix and Department of Energy establishment data for energy companies.
Inventory valuation adjustment	BLS prices and IRS inventory data	Establishment.	
Net interest:			
Corporate	IRS tabulations of business tax returns	Company	Same as corporate profits before tax starting in 1987; previously none.
Noncorporate	IRS tabulations of business tax returns	Company	Assumed to be equivalent to an establishment distribution.
Business transfer payments	IRS tabulations of business tax returns	Company	Industry-specific payments are assigned to those industries; other are based on IRS company industry distribution.
Indirect business tax and nontax liability	Federal budget data and Census Bureau data on State and local governments.	None	Industry-specific payments are assigned to those industries; property taxes are based on BEA capital stock distribution.
Subsidies less current surplus of government enterprises.	Federal budget data and Census Bureau data on State and local governments.	Establishment.	
Capital consumption allowances:			
Corporate	IRS tabulations of business tax returns	Company	Same as corporate profits before tax.
Noncorporate	IRS tabulations of business tax returns	Company	Assumed to be equivalent to an establishment distribution.
Government consumption of fixed capital	BEA capital stock estimates	Type of agency.	

BEA Bureau of Economic Analysis
BLS Bureau of Labor Statistics
HCFA Health Care Financing Administration
IRS Internal Revenue Service

gross-output prices for 1987–98. For 1977–87, this table is applicable only for those industries for which the double-deflation method was used to compute the GPO chain-type quantity indexes.

Except for farms and nonfarm-housing services, current-dollar intermediate inputs are derived by subtracting current-dollar GPO from current-dollar gross output.[28] Detailed current-dollar estimates of intermediate inputs are derived in four steps: (1) The input compositions for 1977, 1982, 1987, 1992, and 1996 are derived from BEA's benchmark and annual I-O accounts; (2) the input compositions for 1978–81, 1983–86, 1988–91, and 1993–95 are estimated by interpolating the detailed compositions from 1977, 1982, 1987, 1992, and 1996; (3) the imported and domestically produced shares of each detailed input for 1977–96 are estimated; and (4) the input compositions for 1997–98 are estimated, primarily based on the 1996 composition.

Detailed prices are prepared separately for domestically produced intermediate inputs and for imported intermediate inputs. Prices for domestically produced intermediate inputs are largely based on the detailed prices associated with the gross output estimates, as shown in table K. For example, the same quality-adjusted semiconductor price index is used for selected semiconductor products in the deflation of both gross output and domestically produced intermediate inputs. The prices of imported intermediate inputs are developed from a variety of sources, primarily from BLS import price series, and are the same as those used for the NIPA estimates of imports.

Tables 1 through 14 follow.

28. For farms and nonfarm housing services, complete and consistent gross output and intermediate inputs series are available from the NIPA's.

Table K.—Principal Source Data for Estimating Gross Output

Industry [1]	Current dollars	Quantity index
	Extrapolator or interpolator of benchmark values [2]	Detailed price indexes used to calculate quantity index
Agriculture, forestry, and fishing:		
Farms	Cash receipts from marketings and inventory change from USDA.	Prices received by farmers from USDA.
Agricultural services	For veterinary services, PCE; for landscape and horticultural services and all other agricultural services, wages and salaries from BLS. For prior years, receipts from IRS tabulations of business tax returns.	Composite price index of wages and salaries per employee from BLS, PCE, farm prices, and PPI's.
Forestry	Shipments of logging camps and contractors from Census Bureau quinquennial census and annual survey.	PPI's.
Fishing	Value of fish landed from NOAA	IPD for fish landed from NOAA.
Mining:		
Metal mining	Physical quantity produced times average price: For uranium, physical quantity and average price from DOE; for all others, quantities and prices from USGS.	IPD for metallic minerals from DOE and USGS.
Coal mining	Physical quantity produced times average price, both from DOE	IPD for coal from DOE.
Oil and gas extraction	Physical quantity produced times average price, both from DOE, except natural gas liquids (PPI).	IPD for crude petroleum and natural gas from DOE, except for natural gas liquids (PPI).
Oil and gas field services	Petroleum and natural gas well drilling and exploration; footage drilled and cost per foot from trade source.	IPD for footage drilled from trade source.
Nonmetallic minerals, except fuels	Physical quantity produced times average price, both from USGS	IPD for nonmetallic minerals from USGS.
Construction:		
For the Department of Defense	Expenditures from DOD	For most military construction, BEA indexes based on DOD prices; for other construction, cost indexes from trade sources and government agencies.
For State and local highways	Expenditures from Census Bureau annual survey of government spending.	For new construction, cost indexes from government agencies; for maintenance and repair, BEA composite index of input prices.
For private electric and gas utilities	Expenditures from Federal regulatory agencies and trade sources.	Cost indexes from trade sources and government agencies.
For farms, excluding residential	Expenditures from USDA	Cost index from trade source and price deflator for new single-family houses under construction from Census Bureau.
For other nonresidential:		
New construction	Value put in place from Census Bureau construction survey	Cost indexes from trade sources and government agencies and price indexes from new single-family houses under construction from Census Bureau.
Maintenance and repair	Value put in place from Census Bureau construction survey	BEA composite index of input prices.
For other residential:		
New construction	Value put in place from Census Bureau construction survey	Price index for new single-family houses under construction from Census Bureau.
Maintenance and repair	Value put in place from Census Bureau construction survey	BEA composite index of input prices.

Table K.—Principal Source Data for Estimating Gross Output—Continued

Industry [1]	Current dollars	Quantity index
	Extrapolator or interpolator of benchmark values [2]	Detailed price indexes used to calculate quantity index
Manufacturing	Shipments and inventory change from Census Bureau annual survey.	PPI's, quality-adjusted price indexes for computers, semiconductors, and digital telephone switching equipment. BEA price indexes based on DOD prices paid for military equipment.
Transportation:		
Railroad transportation:		
Railroad freight transportation	Total operating revenue for class I railroads from trade source	PPI for railroads, line-haul operating starting in 1992. For prior years, IPD for freight ton-miles from trade source.
Railroad passenger transportation	Total operating revenue for AMTRAK	PPI for railroads, line-haul operating starting in 1992. For prior years, IPD for passenger-miles from trade source.
Local and interurban passenger transit:		
Taxicabs	PCE	PCE price index for taxi fares based on CPI.
Intercity buses	Operating revenues from trade source	IPD for passenger revenue miles from trade source.
School buses	Wages and salaries from BLS	Wages and salaries per employee from BLS.
Other local transit	Operating revenues of private local transit systems from trade source.	IPD based on revenues and passenger trips from trade source.
Trucking and warehousing:		
Trucking, and terminal facilities	Receipts from Census Bureau annual survey starting in 1984. For prior years, operating revenues for Class I motor carriers of property from ICC.	PPI for motor freight transportation and warehousing starting in 1993. For prior years, IPD for freight ton-miles from trade source.
Courier services, except by air	Receipts from Census Bureau annual survey starting in 1984. For prior years, operating revenues for Class I motor carriers of property from ICC.	PPI for courier services, except by air starting in 1993. For prior years, IPD for freight ton-miles from trade source.
Public warehousing and storage	Receipts from Census Bureau annual survey starting in 1984. For prior years, operating revenues for Class I motor carriers of property from ICC.	PPI for public warehousing and storage starting in 1993. For prior years, IPD for freight ton-miles from trade source.
Water transportation:		
Marine cargo handling	Wages and salaries from BLS	PPI for marine cargo handling starting in 1993. For prior years, wages and salaries per employee from BLS.
Marinas	PCE for commercial participant amusements	PCE price index for commercial participant amusements.
Other water transportation	Freight and passenger revenue data from trade source	PPI for water transportation starting in 1993. For prior years, BEA price index for freight payments to foreign ocean carriers.
Transportation by air:		
Air passenger transportation	Total passenger-related revenues from DOT	IPD for total passenger-related revenues and passenger-miles from DOT.
Air freight, mail and express	Total freight, mail and express revenues from DOT	IPD for total freight-, mail-, and express-related revenues and ton-miles from DOT.
Other air transportation	Wages and salaries from BLS	Wages and salaries per employee from BLS.
Pipelines, except natural gas	Operating revenues from trade source	IPD for ton-miles from trade source.
Transportation services:		
Passenger transportation arrangement	Receipts from Census Bureau annual survey	PPI for travel agencies starting in 1990. For prior years, wages and salaries per employee from BLS.
Freight transportation arrangement	Wages and salaries from BLS	PPI for freight transportation arrangement starting in 1995. For prior years, wages and salaries per employee from BLS.
Other transportation services	Wages and salaries from BLS	Wages and salaries per employee from BLS.
Communications:		
Radio and television broadcasting	Receipts from Census Bureau annual survey starting in 1989. For prior years, advertising expenditures from trade source and PCE for cable television.	For advertising, cost indexes from trade source. For cable television, PPI starting in 1993. For prior years, PCE price index for cable television based on CPI.
Telephone and telegraph	Receipts from Census Bureau annual survey starting in 1989. For prior years, revenues from FCC.	For cellular telephone services starting in 1987, PCE price index; for other telephone services, PPI's.
Electric, gas, and sanitary services:		
Electric utilities	For private utilities, revenues from DOE/EIA. For rural cooperatives, revenues from USDA.	PPI for electricity, starting in 1991. For prior years, IPD for kilowatt hours from trade source.
Gas utilities	Quantity delivered times average price by class of service from DOE/EIA starting in 1987. For prior years, revenues of gas pipeline and utilities from trade source.	Composite price index for gas utilities by class of service from DOE/EIA, starting in 1987. For prior years, IPD for BTU's from trade source.
Sanitary services	Receipts from IRS tabulations of business tax returns	CPI for water and sewerage maintenance.
Wholesale trade:		
Merchant wholesalers	Ratio of gross margin to sales (margin rate) times sales: For 1977–82, margin rate from quinquennial census and sales from Census Bureau annual survey; for 1983 forward, both from annual survey.	Sales price index by kind of business computed from PPI's.
Manufacturers' sales branches and sales offices	For equipment rental, interpolation of quinquennial census receipts; for 1993 forward, judgmental trend. For other receipts, manufacturing shipments from Census Bureau annual survey.	For equipment rental, BEA capital stock price index. For other receipts, shipments deflated by PPI's.
Agents and brokers	Merchant wholesalers margin rate times sales: For 1977–82, margin rate from quinquennial census and sales from Census Bureau annual survey; for 1983 forward, both from annual survey.	Merchant wholesalers' price index.
Retail trade:		
Eating and drinking places	Sales from quinquennial census and Census Bureau annual survey.	CPI's.
Other	Ratio of gross margin to sales (margin rate) times sales: For 1977–82, margin rate from quinquennial census and sales from Census Bureau annual survey; for 1983 forward, both from annual survey.	Sales price index by kind-of-business computed from CPI's.
Finance, insurance, and real estate:		
Depository institutions	NIPA imputed service charges for depository institutions, and noninterest income of commercial banks and savings institutions.	NIPA price index for imputed interest paid by depository institutions and PCE price index for bank service charges.
Nondepository institutions	Fees and other income without interest and trading gains of federally sponsored credit institutions, owned and managed receivables of domestic finance companies, and PCE for motor vehicle leasing.	Wages and salaries per employee from BLS and PCE price index for motor vehicle leasing.

Table K.—Principal Source Data for Estimating Gross Output—Continued

Industry [1]	Current dollars	Quantity index
	Extrapolator or interpolator of benchmark values [2]	Detailed price indexes used to calculate quantity index
Security and commodity brokers	Securities commissions, revenue from sale of investment company securities, profits on underwriting/selling/gains on trading accounts and other revenues excluding interest, and revenues earned by exchanges; receipt items from SEC and interest from SEC and BEA.	For securities commissions, IPD from number of public securities orders from SEC and trade sources; for mutual funds, IPD for securities commissions; for underwriting, IPD from new securities registrations from SEC and trade sources; for other revenue, composite of PCE price indexes for other brokerage services starting in 1987. For prior years, IPD for GDP.
Insurance carriers	Net premiums for health, auto, accident, property, and workers' compensation insurance from trade sources; PCE for expense of handling life insurance.	CPI for auto and property insurance and PCE price indexes for all other types of insurance.
Insurance agents, brokers, and service	Receipts from IRS tabulations of business tax returns	Insurance carrier deflators weighted by commissions from trade source.
Real estate:		
Nonfarm housing services	PCE for owner- and tenant-occupied nonfarm dwellings	PCE price index.
Other real estate	NIPA farm rental, NIPA rental value of buildings owned by nonprofits, NIPA royalties received, IRS corporate business receipts, and Census annual survey data.	NIPA rental IPD's, rental rate index from trade source, CPI for household maintenance and repair, and PPI for property management starting in 1996.
Holding and other investment offices	Proxy gross output series computed as sum of GPO and intermediate inputs. Intermediate inputs extrapolated from I-O accounts by BEA wages and salaries.	Composite cost-based price index.
Services:		
Hotels and other lodging places	For tenant group room and board, PCE. For all other, receipts from Census Bureau quinquennial census and annual survey.	For hotels and motels starting in 1993, PPI. For prior years, room-rate index from trade source. For sporting and recreational camps, PCE price index; for rooming and boarding houses, composite of PCE price indexes.
Personal services	For shoe repair, PCE. For all other, receipts from Census Bureau quinquennial census and annual survey.	PCE price index based on CPI's.
Business services	Receipts from Census Bureau quinquennial census and annual survey.	For advertising, PPI's starting in 1995. For prior years, cost indexes from trade sources. For miscellaneous equipment rental and leasing, PPI's and BEA net capital stock price index for other equipment. For prepackaged software, BEA price index; for computer equipment rental, BEA capital stock price index; for custom programming, BEA custom software price index; for other computing services, wages and salaries per employee from BLS; for all other business services, PPI's, PCE price indexes, and wages and salaries per employee from BLS.
Automotive repair, services, and parking	Receipts from Census Bureau quinquennial census and annual survey.	For automotive rental and leasing without drivers, composite index of PCE price index and PPI's starting in 1992. For prior years, PCE price index for rental, leasing, and other services. For all other automotive repair and services, PCE price index based on CPI's.
Miscellaneous repair services	Receipts from Census Bureau quinquennial census and annual survey.	PCE price index based on CPI's.
Motion pictures	Receipts from Census Bureau quinquennial census and annual survey.	PCE price index based on CPI's.
Amusement and recreation services	Receipts from Census Bureau quinquennial census and annual survey.	PCE price index based on CPI's.
Health services:		
Hospitals	Receipts from trade sources	PPI starting in 1993. For prior years, HCFA index of input prices and CPI for hospital room.
Other health services	Receipts from Census Bureau quinquennial census and annual survey.	CPI's and HCFA index of input prices. PPI for physicians services beginning in 1994.
Legal services	Receipts from Census Bureau quinquennial census and annual survey.	PPI for legal services, starting in 1997. For prior years, CPI for legal services.
Educational services	PCE for private education	PCE price index.
Social services	Receipts and expenses from Census Bureau quinquennial census and annual survey.	Wages and salaries per employee from BLS and PCE price indexes.
Membership organizations	Expenses from Census Bureau quinquennial census and annual survey; PCE; and wage and salary data from BLS.	Wages and salaries per employee from BLS and PCE price indexes.
Other services	PCE for museums and libraries and other services; for all others, receipts from Census Bureau quinquennial census and annual survey.	PPI's for engineering, architectural, and surveying services, and for accounting, auditing, and bookkeeping services starting in 1997. PPI for advertising agencies used for management and public relations services starting in 1995. For prior years, wages and salaries per employee from BLS for each component. PCE price indexes for museums, art galleries, zoological gardens, research organizations (commercial and non-commercial), and services not elsewhere classified.
Government enterprises:		
Federal Government enterprises	For the U.S. Postal Service, receipts; for electric utilities, DOE; for other enterprises, wages and salaries from BEA.	For U.S. Postal Service and for Federal electric utilities, PPI; for other enterprises, BEA composite price index.
State and local government enterprises	For electric utilities, DOE; for other enterprises, revenue by type from BEA.	For electric utilities, PPI; for transit, composite price index based on PCE price indexes for private transit; for other enterprises, BEA composite price index.

1. Source data and estimating methods apply to both the 1972 SIC and 1987 SIC definition of the industries shown in the table. Industry titles are 1987 SIC titles.

2. Benchmark values are derived from the 1977, 1982, 1987, and 1992 input-output (I-O) accounts. Gross output estimates are prepared only for industries for which the double-deflation method is used for estimating real GPO.

BEA Bureau of Economic Analysis
BLS Bureau of Labor Statistics
CPI Consumer Price Index (BLS)
DOC U.S. Department of Commerce
DOD U.S. Department of Defense
DOE U.S. Department of Energy
DOT U.S. Department of Transportation
EIA Energy Information Administration
FCC Federal Communications Commission
HCFA Health Care Financing Administration
ICC Interstate Commerce Commission
IPD Implicit price deflator
IRS Internal Revenue Service
NIPA National Income and Product Accounts
NOAA National Oceanic and Atmospheric Administration
PCE Personal consumption expenditures (BEA)
PPI Producer Price Index (BLS)
SEC Securities and Exchange Commission
USDA U.S. Department of Agriculture
USGS U.S. Geological Survey (formerly Bureau of Mines)

Table 1.—Gross Domestic Product by Industry in Current Dollars, 1987–98

[Billions of dollars]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**4,742.5**	**5,108.3**	**5,489.1**	**5,803.2**	**5,986.2**	**6,318.9**	**6,642.3**	**7,054.3**	**7,400.5**	**7,813.2**	**8,300.8**	**8,759.9**
2	**Private industries**	**4,081.4**	**4,401.8**	**4,735.5**	**4,996.7**	**5,129.1**	**5,424.5**	**5,717.5**	**6,096.7**	**6,411.1**	**6,792.8**	**7,241.4**	**7,659.8**
3	**Agriculture, forestry, and fishing**	**88.9**	**89.1**	**102.0**	**108.3**	**102.9**	**111.7**	**108.3**	**118.5**	**109.8**	**130.4**	**129.7**	**125.2**
4	Farms	65.1	63.8	76.2	79.6	73.2	80.5	73.6	83.6	73.2	92.2	88.0	80.2
5	Agricultural services, forestry, and fishing	23.8	25.3	25.8	28.7	29.7	31.2	34.8	34.9	36.7	38.3	41.6	45.0
6	**Mining**	**92.2**	**99.2**	**97.1**	**111.9**	**96.7**	**87.6**	**88.4**	**90.2**	**95.7**	**113.0**	**121.0**	**105.9**
7	Metal mining	3.7	5.0	5.2	5.2	5.6	5.6	4.9	5.6	6.5	5.8	5.8	5.0
8	Coal mining	13.0	12.6	12.0	11.8	11.4	12.0	10.5	11.3	10.7	11.2	11.1	11.6
9	Oil and gas extraction	67.4	73.6	72.1	87.1	72.2	62.3	65.7	64.5	69.3	86.1	92.8	77.0
10	Nonmetallic minerals, except fuels	8.1	8.0	7.8	7.8	7.5	7.7	7.3	8.9	9.1	9.9	11.4	12.3
11	**Construction**	**219.3**	**237.2**	**245.8**	**248.7**	**232.7**	**234.4**	**248.9**	**275.3**	**290.3**	**316.4**	**343.1**	**373.2**
12	**Manufacturing**	**888.6**	**979.9**	**1,017.7**	**1,040.6**	**1,043.5**	**1,082.0**	**1,131.4**	**1,223.2**	**1,289.1**	**1,316.0**	**1,377.2**	**1,432.8**
13	Durable goods	516.8	566.3	582.7	586.6	575.5	594.0	632.8	694.1	729.8	748.4	798.7	842.6
14	Lumber and wood products	32.1	33.0	33.8	32.2	30.3	32.3	35.7	39.8	42.3	39.9	41.9	43.9
15	Furniture and fixtures	14.6	15.1	15.8	15.6	15.2	16.6	18.1	18.9	19.5	20.7	22.8	25.2
16	Stone, clay, and glass products	23.3	23.8	25.2	25.3	23.8	26.3	26.4	30.4	32.4	33.2	38.0	42.1
17	Primary metal industries	34.5	43.1	45.3	43.2	39.9	39.6	43.0	47.6	53.0	50.8	51.8	54.8
18	Fabricated metal products	62.6	67.4	68.5	69.4	67.3	69.5	73.4	83.2	87.2	93.1	99.6	104.7
19	Industrial machinery and equipment	95.2	110.3	116.9	118.2	109.0	113.8	113.7	121.0	132.8	136.3	143.8	153.3
20	Electronic and other electric equipment	87.6	96.6	105.0	105.7	110.8	107.7	121.0	139.3	146.9	153.2	166.0	168.3
21	Motor vehicles and equipment	58.2	60.6	52.7	47.3	45.5	58.8	78.0	95.2	98.2	92.2	99.5	105.0
22	Other transportation equipment	55.5	53.8	56.9	60.5	62.4	58.1	54.2	49.6	47.7	51.4	55.6	59.7
23	Instruments and related products	37.3	44.6	43.6	49.3	51.5	51.9	48.4	46.8	47.2	53.7	54.1	59.0
24	Miscellaneous manufacturing industries	15.8	18.0	19.2	19.8	19.8	19.6	20.9	22.3	22.7	23.8	25.6	26.6
25	Nondurable goods	371.8	413.6	434.9	454.0	468.0	488.0	498.6	529.1	559.2	567.6	578.5	590.1
26	Food and kindred products	79.1	84.6	88.9	96.4	103.7	105.9	107.6	110.2	121.1	118.7	119.3	122.0
27	Tobacco products	10.4	11.1	11.3	11.9	12.7	13.8	12.3	13.2	15.1	14.8	16.1	17.9
28	Textile mill products	20.1	20.6	21.0	22.0	22.4	25.7	25.7	25.6	24.8	25.3	25.7	25.6
29	Apparel and other textile products	23.0	24.2	25.4	25.4	26.1	27.4	27.7	28.5	27.3	27.0	26.1	25.4
30	Paper and allied products	37.8	43.8	45.5	45.0	44.6	45.6	46.9	50.1	58.9	55.9	53.6	54.9
31	Printing and publishing	62.1	66.5	71.4	73.1	75.0	78.9	78.5	83.5	80.8	88.2	90.2	96.3
32	Chemicals and allied products	83.8	95.5	103.3	109.9	113.9	119.1	122.7	138.7	150.8	153.6	158.8	158.7
33	Petroleum and coal products	22.1	32.3	29.8	31.7	28.8	28.2	31.0	29.3	29.0	30.2	31.5	30.1
34	Rubber and miscellaneous plastics products	29.6	30.6	33.7	33.9	35.8	38.4	41.6	44.9	46.1	49.7	52.7	54.9
35	Leather and leather products	3.9	4.4	4.6	4.7	4.9	4.9	4.7	5.0	5.3	4.2	4.5	4.4
36	**Transportation and public utilities**	**426.2**	**449.0**	**468.7**	**490.9**	**518.3**	**538.5**	**573.3**	**611.4**	**642.6**	**666.3**	**713.2**	**759.1**
37	Transportation	158.8	169.2	172.2	177.4	186.1	193.4	206.0	223.2	233.4	243.4	262.8	283.9
38	Railroad transportation	21.9	23.1	19.9	19.8	22.0	21.6	22.0	23.3	23.6	23.4	23.2	24.2
39	Local and interurban passenger transit	8.6	8.9	9.3	9.1	10.2	10.9	11.3	11.6	12.4	13.4	14.8	16.0
40	Trucking and warehousing	64.1	64.5	67.4	69.4	70.9	74.5	79.2	86.4	89.0	92.1	99.5	106.5
41	Water transportation	8.4	9.1	9.6	10.0	11.1	10.7	10.7	11.5	11.6	12.2	13.3	13.9
42	Transportation by air	34.3	42.7	43.9	45.3	47.0	50.3	56.4	62.5	67.7	70.8	79.2	87.8
43	Pipelines, except natural gas	7.1	5.7	5.5	5.5	5.5	5.5	5.6	5.5	5.5	5.7	5.9	6.5
44	Transportation services	14.4	15.4	16.7	18.2	19.5	19.9	20.8	22.6	23.5	25.7	26.9	29.0
45	Communications	125.5	132.8	137.4	148.1	155.7	163.9	178.6	190.7	202.3	214.7	243.1	258.7
46	Telephone and telegraph	108.0	111.6	112.9	119.4	124.0	128.7	139.0	148.0	151.6	163.9	189.5	201.7
47	Radio and television	17.5	21.1	24.6	28.7	31.7	35.2	39.6	42.8	50.7	50.7	53.7	57.0
48	Electric, gas, and sanitary services	141.9	147.0	159.0	165.4	176.5	181.2	188.7	197.4	206.9	208.3	207.2	216.6
49	**Wholesale trade**	**308.9**	**346.6**	**364.7**	**376.1**	**395.6**	**414.6**	**432.5**	**479.2**	**500.6**	**529.6**	**572.3**	**613.8**
50	**Retail trade**	**434.5**	**461.5**	**492.7**	**507.8**	**523.7**	**551.7**	**578.0**	**620.6**	**646.8**	**687.1**	**734.1**	**781.9**
51	**Finance, insurance, and real estate**	**829.7**	**893.7**	**954.5**	**1,010.3**	**1,072.2**	**1,140.9**	**1,205.3**	**1,254.8**	**1,347.2**	**1,436.8**	**1,561.6**	**1,674.2**
52	Depository institutions	143.9	147.6	157.2	171.3	193.9	205.3	200.9	200.7	227.4	241.0	271.2	289.6
53	Nondepository institutions	17.9	20.1	23.7	23.3	23.2	27.2	32.5	29.4	34.1	39.2	51.6	78.5
54	Security and commodity brokers	41.3	42.2	45.3	42.3	40.5	54.5	67.6	77.8	77.7	108.0	117.3	117.1
55	Insurance carriers	43.6	56.9	60.5	64.6	83.3	82.1	99.8	104.3	120.2	123.4	141.4	143.1
56	Insurance agents, brokers, and service	30.4	33.8	34.4	37.7	38.0	39.4	41.8	45.3	47.2	48.9	51.3	53.7
57	Real estate	531.4	586.2	630.7	665.7	689.1	725.2	751.6	791.4	832.6	871.6	919.2	967.9
58	Nonfarm housing services	391.9	424.3	456.7	488.3	515.5	543.4	558.1	593.9	628.9	654.6	680.2	711.9
59	Other real estate	139.5	162.0	174.0	177.3	173.6	181.8	193.5	197.5	203.7	217.0	239.0	256.1
60	Holding and other investment offices	21.2	6.9	2.7	5.5	4.2	7.1	11.0	5.8	8.0	4.6	9.7	24.2
61	**Services**	**789.9**	**887.9**	**976.0**	**1,071.5**	**1,123.8**	**1,219.4**	**1,287.7**	**1,365.0**	**1,462.4**	**1,564.2**	**1,692.5**	**1,841.3**
62	Hotels and other lodging places	37.1	40.6	44.0	46.3	48.3	50.4	53.0	56.6	61.7	66.3	70.6	76.3
63	Personal services	31.0	35.9	36.8	38.0	38.8	40.9	44.2	45.5	46.7	47.5	50.1	53.0
64	Business services	145.0	166.9	183.7	203.9	205.3	229.4	247.6	273.2	302.0	342.3	395.5	454.1
65	Auto repair, services, and parking	40.8	45.3	46.5	50.3	51.3	52.1	54.7	60.0	65.1	68.5	72.0	77.6
66	Miscellaneous repair services	13.5	15.4	16.6	17.7	17.0	17.6	19.2	19.3	20.7	21.8	22.3	24.6
67	Motion pictures	13.7	14.3	17.9	17.7	17.9	18.2	20.8	20.0	22.4	24.6	25.2	27.2
68	Amusement and recreation services	26.2	28.8	32.0	36.5	39.4	45.2	45.4	49.2	53.5	58.3	64.8	70.5
69	Health services	230.6	253.6	280.7	314.4	345.3	377.8	394.5	413.9	433.1	459.1	476.2	495.5
70	Legal services	61.8	70.9	76.0	82.7	85.6	92.7	93.0	94.6	101.1	98.0	108.5	116.5
71	Educational services	31.3	34.2	37.1	39.6	43.7	46.5	49.3	52.6	55.7	58.0	61.1	66.4
72	Social services	21.0	23.4	26.7	30.1	33.6	37.3	41.0	44.2	47.4	49.7	53.2	57.8
73	Membership organizations	26.9	30.3	33.2	35.8	38.4	39.9	43.4	46.2	46.7	49.2	51.2	53.7
74	Other services	103.3	119.8	135.8	149.2	150.0	161.1	170.6	178.6	194.4	208.9	229.6	254.1
75	Private households	7.7	8.3	8.9	9.4	9.1	10.1	10.7	11.1	11.9	12.0	12.1	14.0
76	**Statistical discrepancy** [1]	**3.3**	**–42.2**	**16.3**	**30.6**	**19.6**	**43.7**	**63.8**	**58.5**	**26.5**	**32.8**	**–3.2**	**–47.6**
77	**Government**	**661.0**	**706.5**	**753.6**	**806.6**	**857.1**	**894.4**	**924.8**	**957.6**	**989.5**	**1,020.4**	**1,059.4**	**1,100.1**
78	**Federal**	**258.9**	**273.3**	**287.1**	**300.2**	**322.4**	**333.9**	**336.2**	**339.6**	**342.3**	**346.9**	**355.0**	**360.9**
79	General government	224.5	235.9	247.6	259.7	275.8	282.8	287.0	287.4	286.8	292.0	293.7	296.9
80	Government enterprises	34.5	37.4	39.5	40.4	46.5	51.1	49.2	52.2	55.5	54.9	61.3	64.0
81	**State and local**	**402.1**	**433.2**	**466.5**	**506.4**	**534.7**	**560.5**	**588.6**	**618.0**	**647.2**	**673.5**	**704.4**	**739.3**
82	General government	368.7	396.2	426.0	463.6	490.4	514.5	540.3	567.0	593.3	616.7	644.0	675.4
83	Government enterprises	33.5	37.0	40.5	42.8	44.3	46.0	48.2	50.9	53.9	56.9	60.3	63.8

1. Equals GDP measured as the sum of expenditures less gross domestic income.

Table 2.—Gross Product by Industry in Current Dollars as a Percentage of Gross Domestic Product, 1987–98

[Percent]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
2	**Private industries**	**86.1**	**86.2**	**86.3**	**86.1**	**85.7**	**85.8**	**86.1**	**86.4**	**86.6**	**86.9**	**87.2**	**87.4**
3	**Agriculture, forestry, and fishing**	**1.9**	**1.7**	**1.9**	**1.9**	**1.7**	**1.8**	**1.6**	**1.7**	**1.5**	**1.7**	**1.6**	**1.4**
4	Farms	1.4	1.2	1.4	1.4	1.2	1.3	1.1	1.2	1.0	1.2	1.1	0.9
5	Agricultural services, forestry, and fishing	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6	**Mining**	**1.9**	**1.9**	**1.8**	**1.9**	**1.6**	**1.4**	**1.3**	**1.3**	**1.3**	**1.4**	**1.5**	**1.2**
7	Metal mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	Coal mining	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
9	Oil and gas extraction	1.4	1.4	1.3	1.5	1.2	1.0	1.0	0.9	0.9	1.1	1.1	0.9
10	Nonmetallic minerals, except fuels	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	**Construction**	**4.6**	**4.6**	**4.5**	**4.3**	**3.9**	**3.7**	**3.7**	**3.9**	**3.9**	**4.0**	**4.1**	**4.3**
12	**Manufacturing**	**18.7**	**19.2**	**18.5**	**17.9**	**17.4**	**17.1**	**17.0**	**17.3**	**17.4**	**16.8**	**16.6**	**16.4**
13	Durable goods	10.9	11.1	10.6	10.1	9.6	9.4	9.5	9.8	9.9	9.6	9.6	9.6
14	Lumber and wood products	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5
15	Furniture and fixtures	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16	Stone, clay, and glass products	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
17	Primary metal industries	0.7	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.6
18	Fabricated metal products	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
19	Industrial machinery and equipment	2.0	2.2	2.1	2.0	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.7
20	Electronic and other electric equipment	1.8	1.9	1.9	1.8	1.9	1.7	1.8	2.0	2.0	2.0	2.0	1.9
21	Motor vehicles and equipment	1.2	1.2	1.0	0.8	0.8	0.9	1.2	1.3	1.3	1.2	1.2	1.2
22	Other transportation equipment	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.7	0.7	0.7
23	Instruments and related products	0.8	0.9	0.8	0.8	0.9	0.8	0.7	0.7	0.6	0.7	0.7	0.7
24	Miscellaneous manufacturing industries	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	Nondurable goods	7.8	8.1	7.9	7.8	7.8	7.7	7.5	7.5	7.6	7.3	7.0	6.7
26	Food and kindred products	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.4	1.4
27	Tobacco products	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	Textile mill products	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
29	Apparel and other textile products	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
30	Paper and allied products	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7	0.6	0.6
31	Printing and publishing	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1
32	Chemicals and allied products	1.8	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.0	2.0	1.9	1.8
33	Petroleum and coal products	0.5	0.6	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.3
34	Rubber and miscellaneous plastics products	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
35	Leather and leather products	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
36	**Transportation and public utilities**	**9.0**	**8.8**	**8.5**	**8.5**	**8.7**	**8.5**	**8.6**	**8.7**	**8.7**	**8.5**	**8.6**	**8.7**
37	Transportation	3.3	3.3	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.1	3.2	3.2
38	Railroad transportation	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
39	Local and interurban passenger transit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40	Trucking and warehousing	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
41	Water transportation	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
42	Transportation by air	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0	1.0
43	Pipelines, except natural gas	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
44	Transportation services	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
45	Communications	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.9	3.0
46	Telephone and telegraph	2.3	2.2	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.1	2.3	2.3
47	Radio and television	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.7
48	Electric, gas, and sanitary services	3.0	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.7	2.5	2.5
49	**Wholesale trade**	**6.5**	**6.8**	**6.6**	**6.5**	**6.6**	**6.6**	**6.5**	**6.8**	**6.8**	**6.8**	**6.9**	**7.0**
50	**Retail trade**	**9.2**	**9.0**	**9.0**	**8.7**	**8.7**	**8.7**	**8.7**	**8.8**	**8.7**	**8.8**	**8.8**	**8.9**
51	**Finance, insurance, and real estate**	**17.5**	**17.5**	**17.4**	**17.4**	**17.9**	**18.1**	**18.1**	**17.8**	**18.2**	**18.4**	**18.8**	**19.1**
52	Depository institutions	3.0	2.9	2.9	3.0	3.2	3.2	3.0	2.8	3.1	3.1	3.3	3.3
53	Nondepository institutions	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.6	0.9
54	Security and commodity brokers	0.9	0.8	0.8	0.7	0.7	0.9	1.0	1.1	1.1	1.4	1.4	1.3
55	Insurance carriers	0.9	1.1	1.1	1.1	1.4	1.3	1.5	1.5	1.6	1.6	1.7	1.6
56	Insurance agents, brokers, and service	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
57	Real estate	11.2	11.5	11.5	11.5	11.5	11.5	11.3	11.2	11.3	11.2	11.1	11.0
58	Nonfarm housing services	8.3	8.3	8.3	8.4	8.6	8.6	8.4	8.4	8.5	8.4	8.2	8.1
59	Other real estate	2.9	3.2	3.2	3.1	2.9	2.9	2.9	2.8	2.8	2.8	2.9	2.9
60	Holding and other investment offices	0.4	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.3
61	**Services**	**16.7**	**17.4**	**17.8**	**18.5**	**18.8**	**19.3**	**19.4**	**19.3**	**19.8**	**20.0**	**20.4**	**21.0**
62	Hotels and other lodging places	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
63	Personal services	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6
64	Business services	3.1	3.3	3.3	3.5	3.4	3.6	3.7	3.9	4.1	4.4	4.8	5.2
65	Auto repair, services, and parking	0.9	0.9	0.8	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.9
66	Miscellaneous repair services	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67	Motion pictures	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
68	Amusement and recreation services	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
69	Health services	4.9	5.0	5.1	5.4	5.8	6.0	5.9	5.9	5.9	5.9	5.7	5.7
70	Legal services	1.3	1.4	1.4	1.4	1.4	1.5	1.4	1.3	1.4	1.3	1.3	1.3
71	Educational services	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8
72	Social services	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
73	Membership organizations	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6
74	Other services	2.2	2.3	2.5	2.6	2.5	2.5	2.6	2.5	2.6	2.7	2.8	2.9
75	Private households	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
76	**Statistical discrepancy** [1]	**0.1**	**–0.8**	**0.3**	**0.5**	**0.3**	**0.7**	**1.0**	**0.8**	**0.4**	**0.4**	**0.0**	**–0.5**
77	**Government**	**13.9**	**13.8**	**13.7**	**13.9**	**14.3**	**14.2**	**13.9**	**13.6**	**13.4**	**13.1**	**12.8**	**12.6**
78	**Federal**	**5.5**	**5.3**	**5.2**	**5.2**	**5.4**	**5.3**	**5.1**	**4.8**	**4.6**	**4.4**	**4.3**	**4.1**
79	General government	4.7	4.6	4.5	4.5	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.4
80	Government enterprises	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
81	**State and local**	**8.5**	**8.5**	**8.5**	**8.7**	**8.9**	**8.9**	**8.9**	**8.8**	**8.7**	**8.6**	**8.5**	**8.4**
82	General government	7.8	7.8	7.8	8.0	8.2	8.1	8.1	8.0	8.0	7.9	7.8	7.7
83	Government enterprises	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

1. Equals GDP measured as the sum of expenditures less gross domestic income.

Table 3.—Components of Gross Product in Current Dollars by Industry Group, 1987–98

[Billions of dollars]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**4,742.5**	**5,108.3**	**5,489.1**	**5,803.2**	**5,986.2**	**6,318.9**	**6,642.3**	**7,054.3**	**7,400.5**	**7,813.2**	**8,300.8**	**8,759.9**
2	Compensation of employees	2,756.9	2,974.7	3,152.3	3,353.3	3,457.7	3,648.1	3,818.1	4,020.6	4,207.0	4,400.1	4,680.7	5,016.4
3	Indirect business tax and nontax liability	369.3	392.6	420.7	447.3	482.3	510.6	540.1	575.3	594.6	620.0	645.8	677.0
4	Property-type income	1,612.9	1,783.2	1,899.7	1,972.0	2,026.6	2,116.6	2,220.4	2,400.0	2,572.5	2,760.2	2,977.5	3,114.1
5	Statistical discrepancy [1]	3.3	–42.2	16.3	30.6	19.6	43.7	63.8	58.5	26.5	32.8	–3.2	–47.6
6	**Private industries**	**4,081.4**	**4,401.8**	**4,735.5**	**4,996.7**	**5,129.1**	**5,424.5**	**5,717.5**	**6,096.7**	**6,411.1**	**6,792.8**	**7,241.4**	**7,659.8**
7	Compensation of employees	2,198.2	2,378.1	2,517.9	2,670.8	2,735.9	2,895.1	3,040.6	3,217.6	3,382.8	3,550.5	3,803.2	4,106.6
8	Indirect business tax and nontax liability	369.3	392.6	420.7	447.3	482.3	510.6	540.1	575.3	594.6	620.0	645.8	677.0
9	Property-type income	1,510.6	1,673.3	1,780.6	1,848.0	1,891.2	1,975.1	2,073.1	2,245.3	2,407.2	2,589.4	2,795.6	2,923.8
10	Statistical discrepancy [1]	3.3	–42.2	16.3	30.6	19.6	43.7	63.8	58.5	26.5	32.8	–3.2	–47.6
11	Agriculture, forestry and fishing	88.9	89.1	102.0	108.3	102.9	111.7	108.3	118.5	109.8	130.4	129.7	125.2
12	Compensation of employees	21.5	24.3	26.3	29.9	30.3	30.6	32.8	34.8	37.0	39.8	42.7	46.4
13	Indirect business tax and nontax liability	4.8	4.9	5.2	5.6	5.6	5.8	5.8	6.2	6.6	6.7	7.0	7.1
14	Property-type income	62.6	59.9	70.6	72.8	67.0	75.2	69.8	77.5	66.3	83.9	80.0	71.7
15	Mining	92.2	99.2	97.1	111.9	96.7	87.6	88.4	90.2	95.7	113.0	121.0	105.9
16	Compensation of employees	29.6	30.5	30.0	32.2	32.9	32.3	32.1	32.5	32.5	33.4	35.5	36.3
17	Indirect business tax and nontax liability	10.3	10.5	10.6	11.7	11.7	11.5	11.4	11.4	11.3	12.2	12.1	11.9
18	Property-type income	52.3	58.2	56.4	68.0	52.1	43.8	44.9	46.4	51.8	67.5	73.5	57.7
19	Construction	219.3	237.2	245.8	248.7	232.7	234.4	248.9	275.3	290.3	316.4	343.1	373.2
20	Compensation of employees	145.6	157.8	164.8	170.5	160.3	159.2	165.9	182.6	193.1	208.2	227.2	249.0
21	Indirect business tax and nontax liability	4.2	4.6	4.9	5.1	5.1	5.4	5.9	6.5	6.8	7.3	7.9	8.5
22	Property-type income	69.5	74.8	76.1	73.1	67.3	69.8	77.2	86.2	90.3	100.9	108.0	115.8
23	Manufacturing	888.6	979.9	1,017.7	1,040.6	1,043.5	1,082.0	1,131.4	1,223.2	1,289.1	1,316.0	1,377.2	1,432.8
24	Compensation of employees	609.8	650.5	673.6	690.3	696.1	725.9	754.5	793.5	813.3	822.4	867.6	914.9
25	Indirect business tax and nontax liability	30.5	32.4	34.0	36.2	40.9	43.3	44.7	45.9	47.5	49.4	50.1	54.0
26	Property-type income	248.3	297.0	310.1	314.1	306.5	312.9	332.2	383.8	428.3	444.2	459.4	463.9
27	Durable goods	516.8	566.3	582.7	586.6	575.5	594.0	632.8	694.1	729.8	748.4	798.7	842.6
28	Compensation of employees	383.8	410.7	423.3	428.3	425.9	441.2	460.5	488.6	504.0	508.0	540.1	573.9
29	Indirect business tax and nontax liability	11.2	12.2	12.8	13.6	14.3	15.1	15.9	16.7	17.5	18.7	19.3	20.0
30	Property-type income	121.8	143.4	146.7	144.7	135.3	137.6	156.4	188.7	208.4	221.7	239.3	248.8
31	Nondurable goods	371.8	413.6	434.9	454.0	468.0	488.0	498.6	529.1	559.2	567.6	578.5	590.1
32	Compensation of employees	226.0	239.8	250.4	262.0	270.2	284.6	294.0	304.9	309.4	314.4	327.5	341.0
33	Indirect business tax and nontax liability	19.4	20.3	21.1	22.6	26.6	28.1	28.8	29.1	30.0	30.7	30.9	34.0
34	Property-type income	126.5	153.6	163.4	169.4	171.2	175.3	175.8	195.1	219.8	222.5	220.1	215.1
35	Transportation and public utilities	426.2	449.0	468.7	490.9	518.3	538.5	573.3	611.4	642.6	666.3	713.2	759.1
36	Compensation of employees	192.1	200.3	208.5	221.5	229.4	239.8	250.2	267.3	275.1	285.0	301.6	322.4
37	Indirect business tax and nontax liability	40.3	43.0	46.0	49.4	53.5	56.6	59.6	62.7	65.3	65.5	68.7	73.7
38	Property-type income	193.8	205.7	214.1	220.1	235.3	242.1	263.5	281.4	302.2	315.8	342.9	363.1
39	Wholesale trade	308.9	346.6	364.7	376.1	395.6	414.6	432.5	479.2	500.6	529.6	572.3	613.8
40	Compensation of employees	181.2	198.9	213.2	222.7	227.3	239.2	245.0	260.7	276.0	288.8	310.2	335.4
41	Indirect business tax and nontax liability	67.3	74.8	78.8	81.7	90.4	94.9	100.8	113.7	116.1	118.9	122.6	126.9
42	Property-type income	60.4	72.9	72.8	71.8	78.0	80.6	86.7	104.8	108.5	121.9	139.5	151.5
43	Retail trade	434.5	461.5	492.7	507.8	523.7	551.7	578.0	620.6	646.8	687.1	734.1	781.9
44	Compensation of employees	262.6	281.2	295.4	308.5	315.5	332.5	343.1	363.4	382.0	398.3	420.2	446.6
45	Indirect business tax and nontax liability	75.0	78.3	84.1	88.6	91.7	98.0	104.4	112.9	120.3	127.2	133.9	141.5
46	Property-type income	96.9	102.1	113.2	110.7	116.5	121.2	130.5	144.3	144.5	161.6	180.1	193.8
47	Finance, insurance and real estate	829.7	893.7	954.5	1,010.3	1,072.2	1,140.9	1,205.3	1,254.8	1,347.2	1,436.8	1,561.6	1,674.2
48	Compensation of employees	204.6	221.5	229.3	243.6	253.5	275.4	300.5	311.4	322.8	351.8	381.8	425.9
49	Indirect business tax and nontax liability	115.7	120.4	131.2	140.5	152.5	161.5	169.9	175.1	176.6	185.3	193.2	199.9
50	Property-type income	509.3	551.8	594.0	626.3	666.2	704.0	734.9	768.3	847.8	899.7	986.6	1,048.4
51	Services	789.9	887.9	976.0	1,071.5	1,123.8	1,219.4	1,287.7	1,365.0	1,462.4	1,564.2	1,692.5	1,841.3
52	Compensation of employees	551.2	613.1	676.7	751.7	790.7	860.2	916.6	971.4	1,050.9	1,122.9	1,216.5	1,329.8
53	Indirect business tax and nontax liability	21.2	23.8	26.1	28.7	30.8	33.5	37.5	41.0	44.1	47.5	50.4	53.5
54	Property-type income	217.5	251.0	273.2	291.1	302.3	325.7	333.5	352.6	367.5	393.9	425.6	458.0
55	**Government**	**661.0**	**706.5**	**753.6**	**806.6**	**857.1**	**894.4**	**924.8**	**957.6**	**989.5**	**1,020.4**	**1,059.4**	**1,100.1**
56	Compensation of employees	558.8	596.5	634.5	682.6	721.8	753.0	777.5	803.0	824.2	849.6	877.5	909.9
57	Indirect business tax and nontax liability	0	0	0	0	0	0	0	0	0	0	0	0
58	Property-type income	102.3	109.9	119.1	124.0	135.3	141.4	147.3	154.6	165.3	170.8	181.9	190.3

1. Equals GDP measured as the sum of expenditures less gross domestic income.

Table 4.—Components of Gross Product in Current Dollars as a Percentage of Gross Domestic Product by Industry Group, 1987–98

[Percent]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
2	Compensation of employees	58.1	58.2	57.4	57.8	57.8	57.7	57.5	57.0	56.8	56.3	56.4	57.3
3	Indirect business tax and nontax liability	7.8	7.7	7.7	7.7	8.1	8.1	8.1	8.2	8.0	7.9	7.8	7.7
4	Property-type income	34.0	34.9	34.6	34.0	33.9	33.5	33.4	34.0	34.8	35.3	35.9	35.5
5	Statistical discrepancy [1]	0.1	–0.8	0.3	0.5	0.3	0.7	1.0	0.8	0.4	0.4	0	–0.5
6	**Private industries**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
7	Compensation of employees	53.9	54.0	53.2	53.5	53.3	53.4	53.2	52.8	52.8	52.3	52.5	53.6
8	Indirect business tax and nontax liability	9.0	8.9	8.9	9.0	9.4	9.4	9.4	9.4	9.3	9.1	8.9	8.8
9	Property-type income	37.0	38.0	37.6	37.0	36.9	36.4	36.3	36.8	37.5	38.1	38.6	38.2
10	Statistical discrepancy [1]	0.1	–1.0	0.3	0.6	0.4	0.8	1.1	1.0	0.4	0.5	0	–0.6
11	Agriculture, forestry and fishing	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12	Compensation of employees	24.2	27.3	25.8	27.6	29.4	27.4	30.2	29.3	33.7	30.5	33.0	37.0
13	Indirect business tax and nontax liability	5.4	5.5	5.0	5.1	5.5	5.2	5.4	5.2	6.0	5.1	5.4	5.7
14	Property-type income	70.4	67.2	69.2	67.2	65.1	67.3	64.4	65.4	60.3	64.4	61.7	57.3
15	Mining	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16	Compensation of employees	32.2	30.8	31.0	28.7	34.0	36.9	36.3	36.0	34.0	29.5	29.3	34.3
17	Indirect business tax and nontax liability	11.1	10.6	10.9	10.5	12.1	13.1	12.9	12.6	11.9	10.8	10.0	11.3
18	Property-type income	56.7	58.7	58.1	60.8	53.9	50.0	50.8	51.4	54.2	59.7	60.7	54.5
19	Construction	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	Compensation of employees	66.4	66.5	67.1	68.6	68.9	67.9	66.6	66.3	66.5	65.8	66.2	66.7
21	Indirect business tax and nontax liability	1.9	1.9	2.0	2.0	2.2	2.3	2.4	2.4	2.4	2.3	2.3	2.3
22	Property-type income	31.7	31.5	31.0	29.4	28.9	29.8	31.0	31.3	31.1	31.9	31.5	31.0
23	Manufacturing	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	Compensation of employees	68.6	66.4	66.2	66.3	66.7	67.1	66.7	64.9	63.1	62.5	63.0	63.9
25	Indirect business tax and nontax liability	3.4	3.3	3.3	3.5	3.9	4.0	4.0	3.7	3.7	3.8	3.6	3.8
26	Property-type income	27.9	30.3	30.5	30.2	29.4	28.9	29.4	31.4	33.2	33.8	33.4	32.4
27	Durable goods	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
28	Compensation of employees	74.3	72.5	72.6	73.0	74.0	74.3	72.8	70.4	69.1	67.9	67.6	68.1
29	Indirect business tax and nontax liability	2.2	2.1	2.2	2.3	2.5	2.5	2.5	2.4	2.4	2.5	2.4	2.4
30	Property-type income	23.6	25.3	25.2	24.7	23.5	23.2	24.7	27.2	28.6	29.6	30.0	29.5
31	Nondurable goods	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32	Compensation of employees	60.8	58.0	57.6	57.7	57.7	58.3	59.0	57.6	55.3	55.4	56.6	57.8
33	Indirect business tax and nontax liability	5.2	4.9	4.9	5.0	5.7	5.8	5.8	5.5	5.4	5.4	5.3	5.8
34	Property-type income	34.0	37.1	37.6	37.3	36.6	35.9	35.3	36.9	39.3	39.2	38.1	36.5
35	Transportation and public utilities	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36	Compensation of employees	45.1	44.6	44.5	45.1	44.3	44.5	43.6	43.7	42.8	42.8	42.3	42.5
37	Indirect business tax and nontax liability	9.5	9.6	9.8	10.1	10.3	10.5	10.4	10.3	10.2	9.8	9.6	9.7
38	Property-type income	45.5	45.8	45.7	44.8	45.4	45.0	46.0	46.0	47.0	47.4	48.1	47.8
39	Wholesale trade	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
40	Compensation of employees	58.7	57.4	58.4	59.2	57.4	57.7	56.6	54.4	55.1	54.5	54.2	54.6
41	Indirect business tax and nontax liability	21.8	21.6	21.6	21.7	22.8	22.9	23.3	23.7	23.2	22.4	21.4	20.7
42	Property-type income	19.6	21.0	20.0	19.1	19.7	19.4	20.0	21.9	21.7	23.0	24.4	24.7
43	Retail trade	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
44	Compensation of employees	60.4	60.9	60.0	60.8	60.2	60.3	59.4	58.6	59.1	58.0	57.2	57.1
45	Indirect business tax and nontax liability	17.3	17.0	17.1	17.4	17.5	17.8	18.1	18.2	18.6	18.5	18.2	18.1
46	Property-type income	22.3	22.1	23.0	21.8	22.2	22.0	22.6	23.3	22.3	23.5	24.5	24.8
47	Finance, insurance and real estate	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48	Compensation of employees	24.7	24.8	24.0	24.1	23.6	24.1	24.9	24.8	24.0	24.5	24.4	25.4
49	Indirect business tax and nontax liability	14.0	13.5	13.7	13.9	14.2	14.2	14.1	14.0	13.1	12.9	12.4	11.9
50	Property-type income	61.4	61.7	62.2	62.0	62.1	61.7	61.0	61.2	62.9	62.6	63.2	62.6
51	Services	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
52	Compensation of employees	69.8	69.0	69.3	70.1	70.4	70.5	71.2	71.2	71.9	71.8	71.9	72.2
53	Indirect business tax and nontax liability	2.7	2.7	2.7	2.7	2.7	2.7	2.9	3.0	3.0	3.0	3.0	2.9
54	Property-type income	27.5	28.3	28.0	27.2	26.9	26.7	25.9	25.8	25.1	25.2	25.1	24.9
55	**Government**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
56	Compensation of employees	84.5	84.4	84.2	84.6	84.2	84.2	84.1	83.9	83.3	83.3	82.8	82.7
57	Indirect business tax and nontax liability	0	0	0	0	0	0	0	0	0	0	0	0
58	Property-type income	15.5	15.6	15.8	15.4	15.8	15.8	15.9	16.1	16.7	16.7	17.2	17.3

1. Equals GDP measured as the sum of expenditures less gross domestic income.

Table 5.—Chain-Type Quantity Indexes for Gross Domestic Product by Industry, 1987–98

[1996=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**78.24**	**81.51**	**84.37**	**85.85**	**85.45**	**88.06**	**90.39**	**94.04**	**96.55**	**100.00**	**104.25**	**108.74**
2	**Private industries**	**76.73**	**80.17**	**83.15**	**84.46**	**84.03**	**86.57**	**88.97**	**92.96**	**95.82**	**100.00**	**105.20**	**110.57**
3	**Agriculture, forestry, and fishing**	**84.57**	**77.59**	**85.38**	**90.85**	**92.99**	**100.19**	**93.96**	**104.08**	**94.40**	**100.00**	**109.68**	**109.58**
4	Farms	85.45	76.20	86.20	91.28	92.86	103.76	93.04	108.75	92.69	100.00	112.04	109.23
5	Agricultural services, forestry, and fishing	83.04	82.19	83.85	90.45	94.11	92.49	96.28	94.60	98.29	100.00	104.60	109.60
6	**Mining**	**87.17**	**101.32**	**90.98**	**93.63**	**89.46**	**84.66**	**89.43**	**95.64**	**99.94**	**100.00**	**105.63**	**111.80**
7	Metal mining	55.88	64.03	65.00	75.03	95.79	101.81	100.30	96.86	94.68	100.00	109.82	123.10
8	Coal mining	60.49	64.54	65.03	67.47	68.27	75.34	75.41	86.26	90.19	100.00	103.91	113.85
9	Oil and gas extraction	94.60	114.36	99.12	101.59	94.49	85.34	92.43	97.30	102.94	100.00	105.03	109.69
10	Nonmetallic minerals, except fuels	90.90	86.81	83.21	81.78	77.26	79.91	77.63	92.05	91.74	100.00	110.40	121.07
11	**Construction**	**87.97**	**92.96**	**93.64**	**91.87**	**84.94**	**85.88**	**88.23**	**93.92**	**94.69**	**100.00**	**104.07**	**108.37**
12	**Manufacturing**	**79.50**	**85.12**	**84.46**	**83.76**	**81.02**	**82.45**	**85.33**	**91.63**	**97.62**	**100.00**	**105.27**	**110.08**
13	Durable goods	72.29	79.14	78.78	78.18	74.74	76.02	80.21	87.71	95.51	100.00	109.58	121.12
14	Lumber and wood products	126.60	124.47	118.66	112.95	103.35	99.02	92.45	97.35	104.17	100.00	100.95	105.66
15	Furniture and fixtures	92.94	92.52	92.92	87.47	82.27	89.24	97.20	97.37	100.16	100.00	107.37	114.74
16	Stone, clay, and glass products	80.24	83.57	88.44	88.72	80.92	89.22	87.74	96.41	98.96	100.00	112.60	119.81
17	Primary metal industries	83.49	88.76	85.94	85.88	84.28	85.90	95.41	99.29	97.59	100.00	101.61	109.13
18	Fabricated metal products	83.07	88.30	84.72	81.73	75.98	77.56	81.38	92.78	97.45	100.00	105.31	106.56
19	Industrial machinery and equipment	53.88	64.63	67.91	68.59	63.06	67.81	71.03	78.33	91.53	100.00	116.77	141.98
20	Electronic and other electric equipment	35.22	39.69	43.33	44.81	47.49	47.88	55.48	67.41	84.04	100.00	119.05	144.99
21	Motor vehicles and equipment	92.85	99.31	83.64	74.48	63.84	74.47	92.30	107.48	111.85	100.00	108.58	113.60
22	Other transportation equipment	148.27	145.60	146.68	147.07	142.79	124.88	113.33	101.53	96.11	100.00	106.65	112.44
23	Instruments and related products	112.81	135.66	124.03	128.26	125.42	119.09	106.49	100.09	97.80	100.00	93.08	92.39
24	Miscellaneous manufacturing industries	82.94	94.10	96.93	96.11	90.91	86.64	89.93	95.27	98.18	100.00	105.72	106.64
25	Nondurable goods	90.20	93.64	92.51	91.65	90.00	91.62	92.56	97.11	100.48	100.00	99.69	96.27
26	Food and kindred products	87.78	95.75	91.24	92.30	94.11	93.88	96.55	94.89	112.32	100.00	96.45	95.61
27	Tobacco products	152.12	142.01	117.19	97.72	77.59	64.57	62.55	93.22	105.72	100.00	97.61	78.27
28	Textile mill products	87.14	85.97	87.07	90.01	90.05	100.97	102.35	106.16	102.50	100.00	99.11	96.15
29	Apparel and other textile products	97.67	102.47	103.92	101.23	100.08	102.91	102.27	105.46	103.93	100.00	96.40	91.72
30	Paper and allied products	91.87	95.65	92.85	93.87	96.01	98.70	108.56	109.76	93.41	100.00	104.33	99.08
31	Printing and publishing	117.41	120.99	121.82	116.56	110.90	109.43	102.53	104.99	101.04	100.00	97.01	98.12
32	Chemicals and allied products	79.08	79.60	80.19	85.36	84.05	86.39	85.95	94.67	96.34	100.00	103.15	97.32
33	Petroleum and coal products	96.21	102.06	94.19	75.95	66.43	69.74	71.42	72.85	88.95	100.00	85.50	79.54
34	Rubber and miscellaneous plastics products	59.70	63.10	69.35	68.38	70.60	76.39	82.91	90.32	94.62	100.00	108.24	107.99
35	Leather and leather products	122.01	124.40	127.00	124.28	124.83	124.25	116.16	121.99	126.26	100.00	106.58	99.88
36	**Transportation and public utilities**	**69.10**	**71.89**	**75.10**	**78.78**	**81.50**	**83.40**	**86.49**	**90.97**	**95.23**	**100.00**	**105.07**	**108.95**
37	Transportation	66.72	68.76	70.91	74.21	76.38	79.54	82.66	89.82	92.47	100.00	105.52	107.48
38	Railroad transportation	76.67	81.73	73.83	77.34	89.02	88.60	89.39	94.37	96.85	100.00	98.19	96.75
39	Local and interurban passenger transit	96.58	90.17	98.32	95.03	92.90	92.60	94.41	95.48	98.28	100.00	109.96	113.90
40	Trucking and warehousing	70.98	71.32	73.13	74.00	77.80	82.24	85.85	92.58	94.07	100.00	105.88	104.91
41	Water transportation	67.30	67.34	75.74	83.54	86.42	84.89	86.43	92.96	92.57	100.00	109.97	109.61
42	Transportation by air	47.82	54.29	58.30	66.28	63.53	69.47	73.29	84.15	88.88	100.00	106.66	110.31
43	Pipelines, except natural gas	132.47	113.32	114.51	100.71	108.53	103.78	105.64	96.71	87.87	100.00	111.66	121.32
44	Transportation services	70.29	69.98	73.39	75.88	76.72	76.28	79.42	85.91	90.91	100.00	101.98	111.55
45	Communications	61.78	65.61	68.08	72.28	75.50	78.86	84.81	88.90	94.27	100.00	111.86	119.53
46	Telephone and telegraph	62.76	66.07	67.20	71.42	73.67	76.56	82.85	86.75	90.03	100.00	116.38	127.53
47	Radio and television	54.66	61.03	69.92	73.93	81.24	86.47	90.95	95.70	108.75	100.00	97.88	95.65
48	Electric, gas, and sanitary services	79.63	82.23	87.65	91.23	94.07	92.77	92.83	94.45	99.50	100.00	97.57	99.88
49	**Wholesale trade**	**66.76**	**71.63**	**75.39**	**74.60**	**78.67**	**84.02**	**85.43**	**90.94**	**91.21**	**100.00**	**111.27**	**125.38**
50	**Retail trade**	**74.53**	**79.26**	**81.87**	**81.43**	**80.71**	**82.92**	**84.68**	**89.83**	**93.35**	**100.00**	**107.59**	**115.81**
51	**Finance, insurance, and real estate**	**81.37**	**84.15**	**85.91**	**87.04**	**88.43**	**90.30**	**92.49**	**93.79**	**96.95**	**100.00**	**105.13**	**111.83**
52	Depository institutions	91.54	90.29	95.79	101.23	102.27	97.39	97.05	94.55	100.57	100.00	100.29	107.01
53	Nondepository institutions	57.18	61.02	70.19	67.16	64.12	74.79	87.80	76.13	85.15	100.00	141.64	223.35
54	Security and commodity brokers	38.39	39.48	41.81	38.89	37.01	47.08	58.39	70.25	70.78	100.00	114.94	126.19
55	Insurance carriers	88.99	101.98	92.95	90.92	110.91	99.77	106.59	103.51	105.29	100.00	106.20	105.08
56	Insurance agents, brokers, and service	135.71	137.40	125.94	125.61	126.42	115.70	104.22	105.53	102.18	100.00	99.95	100.79
57	Real estate	78.66	84.15	86.58	87.58	88.13	91.71	92.42	94.96	97.84	100.00	103.59	106.98
58	Nonfarm housing services	81.41	84.19	87.02	88.62	90.92	93.01	93.12	96.45	99.00	100.00	101.14	102.51
59	Other real estate	71.15	83.47	84.83	84.26	80.23	87.85	90.23	90.53	94.38	100.00	111.13	121.00
60	Holding and other investment offices	1244.66	345.48	132.19	220.50	166.99	224.78	338.24	182.43	213.02	100.00	161.69	353.38
61	**Services**	**75.50**	**80.24**	**83.99**	**87.07**	**86.46**	**88.95**	**90.65**	**93.21**	**96.56**	**100.00**	**104.49**	**109.20**
62	Hotels and other lodging places	78.62	80.24	82.29	83.30	81.35	83.08	84.73	88.04	94.66	100.00	99.87	96.16
63	Personal services	92.54	102.84	99.78	97.63	94.82	96.89	101.01	100.54	101.16	100.00	101.70	105.08
64	Business services	54.66	60.96	66.02	70.48	68.86	74.40	78.81	86.16	91.70	100.00	111.91	123.11
65	Auto repair, services, and parking	83.41	89.02	87.25	90.42	87.83	85.54	86.37	91.82	96.26	100.00	101.33	105.08
66	Miscellaneous repair services	97.81	109.24	115.96	116.44	105.94	99.36	98.98	97.90	102.66	100.00	96.80	99.34
67	Motion pictures	77.59	78.23	92.03	85.99	82.44	82.70	94.51	87.96	95.93	100.00	100.24	106.11
68	Amusement and recreation services	63.57	66.73	71.27	77.15	79.12	88.52	86.26	90.20	95.29	100.00	107.93	113.45
69	Health services	85.45	86.92	88.93	92.18	94.29	96.40	95.28	95.46	96.77	100.00	100.93	101.73
70	Legal services	99.80	109.61	110.68	111.02	108.10	110.54	105.74	103.73	107.31	100.00	105.96	109.30
71	Educational services	82.14	84.23	86.19	86.75	90.61	92.02	94.84	97.69	100.73	100.00	100.95	104.86
72	Social services	63.23	66.25	71.78	76.52	80.22	84.25	90.46	95.05	99.16	100.00	102.70	105.49
73	Membership organizations	74.15	78.39	82.90	88.31	91.90	92.10	98.10	103.23	99.57	100.00	98.85	98.75
74	Other services	73.23	79.93	87.94	91.56	87.36	86.83	90.45	91.97	95.69	100.00	106.08	114.08
75	Private households	84.87	88.61	92.57	94.90	87.41	93.96	97.09	98.45	101.87	100.00	97.87	110.60
76	**Government**	**91.93**	**94.18**	**96.47**	**98.80**	**99.19**	**99.50**	**99.29**	**99.57**	**99.68**	**100.00**	**101.50**	**102.61**
77	**Federal**	**106.52**	**107.36**	**108.78**	**110.91**	**111.01**	**110.24**	**107.65**	**105.77**	**102.14**	**100.00**	**100.65**	**100.84**
78	General government	108.90	110.20	111.50	113.49	114.14	111.72	109.47	106.11	102.42	100.00	98.55	97.89
79	Government enterprises	94.37	92.64	94.73	97.63	94.87	102.34	98.02	103.98	100.68	100.00	111.96	116.79
80	**State and local**	**84.51**	**87.49**	**90.23**	**92.67**	**93.21**	**94.06**	**95.05**	**96.41**	**98.42**	**100.00**	**101.93**	**103.52**
81	General government	83.44	86.29	88.94	91.58	92.63	93.96	95.20	96.66	98.54	100.00	101.87	103.61
82	Government enterprises	97.36	101.91	105.75	105.72	99.87	95.25	93.34	93.71	97.06	100.00	102.62	102.53

Table 6.—Real Gross Domestic Product by Industry, 1987–98

[Billions of chained (1996) dollars]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**6,113.3**	**6,368.4**	**6,591.8**	**6,707.9**	**6,676.4**	**6,880.0**	**7,062.6**	**7,347.7**	**7,543.8**	**7,813.2**	**8,144.8**	**8,495.7**
2	**Private industries**	**5,212.0**	**5,445.6**	**5,648.2**	**5,736.8**	**5,707.8**	**5,880.3**	**6,043.2**	**6,314.4**	**6,508.7**	**6,792.8**	**7,146.1**	**7,510.5**
3	**Agriculture, forestry, and fishing**	**110.3**	**101.2**	**111.4**	**118.5**	**121.3**	**130.7**	**122.6**	**135.8**	**123.1**	**130.4**	**143.1**	**142.9**
4	Farms	78.8	70.2	79.5	84.2	85.6	95.7	85.8	100.3	85.5	92.2	103.3	100.7
5	Agricultural services, forestry, and fishing	31.8	31.4	32.1	34.6	36.0	35.4	36.8	36.2	37.6	38.3	40.0	41.9
6	**Mining**	**98.5**	**114.5**	**102.8**	**105.8**	**101.1**	**95.7**	**101.1**	**108.1**	**113.0**	**113.0**	**119.4**	**126.4**
7	Metal mining	3.3	3.7	3.8	4.4	5.6	5.9	5.9	5.7	5.5	5.8	6.4	7.2
8	Coal mining	6.8	7.2	7.3	7.5	7.6	8.4	8.4	9.6	10.1	11.2	11.6	12.7
9	Oil and gas extraction	81.5	98.5	85.3	87.5	81.4	73.5	79.6	83.8	88.6	86.1	90.4	94.5
10	Nonmetallic minerals, except fuels	9.0	8.6	8.2	8.1	7.7	7.9	7.7	9.1	9.1	9.9	10.9	12.0
11	**Construction**	**278.4**	**294.1**	**296.3**	**290.7**	**268.8**	**271.7**	**279.2**	**297.2**	**299.6**	**316.4**	**329.3**	**342.9**
12	**Manufacturing**	**1,046.3**	**1,120.2**	**1,111.6**	**1,102.3**	**1,066.3**	**1,085.0**	**1,122.9**	**1,206.0**	**1,284.7**	**1,316.0**	**1,385.5**	**1,448.7**
13	Durable goods	541.0	592.3	589.7	585.1	559.4	568.9	600.3	656.5	714.9	748.4	820.2	906.5
14	Lumber and wood products	50.5	49.7	47.4	45.1	41.3	39.5	36.9	38.9	41.6	39.9	40.3	42.2
15	Furniture and fixtures	19.3	19.2	19.2	18.1	17.0	18.5	20.1	20.2	20.7	20.7	22.2	23.8
16	Stone, clay, and glass products	26.6	27.7	29.3	29.4	26.8	29.6	29.1	32.0	32.8	33.2	37.3	39.7
17	Primary metal industries	42.4	45.1	43.7	43.7	42.8	43.7	48.5	50.5	49.6	50.8	51.7	55.5
18	Fabricated metal products	77.4	82.2	78.9	76.1	70.8	72.2	75.8	86.4	90.8	93.1	98.1	99.3
19	Industrial machinery and equipment	73.4	88.1	92.6	93.5	85.9	92.4	96.8	106.8	124.7	136.3	159.1	193.5
20	Electronic and other electric equipment	54.0	60.8	66.4	68.6	72.7	73.3	85.0	103.3	128.7	153.2	182.4	222.1
21	Motor vehicles and equipment	85.6	91.6	77.2	68.7	58.9	68.7	85.1	99.1	103.2	92.2	100.2	104.8
22	Other transportation equipment	76.3	74.9	75.5	75.7	73.5	64.2	58.3	52.2	49.4	51.4	54.9	57.8
23	Instruments and related products	60.6	72.9	66.7	68.9	67.4	64.0	57.2	53.8	52.6	53.7	50.0	49.7
24	Miscellaneous manufacturing industries	19.7	22.4	23.0	22.8	21.6	20.6	21.4	22.6	23.3	23.8	25.1	25.3
25	Nondurable goods	512.0	531.5	525.1	520.2	510.8	520.0	525.4	551.2	570.3	567.6	565.9	546.4
26	Food and kindred products	104.2	113.6	108.3	109.5	111.7	111.4	114.6	112.6	133.3	118.7	114.5	113.5
27	Tobacco products	22.5	21.0	17.4	14.5	11.5	9.6	9.3	13.8	15.7	14.8	14.5	11.6
28	Textile mill products	22.1	21.8	22.1	22.8	22.8	25.6	25.9	26.9	26.0	25.3	25.1	24.4
29	Apparel and other textile products	26.3	27.6	28.0	27.3	27.0	27.7	27.6	28.4	28.0	27.0	26.0	24.7
30	Paper and allied products	51.3	53.5	51.9	52.5	53.7	55.2	60.7	61.3	52.2	55.9	58.3	55.4
31	Printing and publishing	103.6	106.8	107.5	102.9	97.9	96.6	90.5	92.6	89.2	88.2	85.6	86.6
32	Chemicals and allied products	121.5	122.3	123.2	131.1	129.1	132.7	132.1	145.5	148.0	153.6	158.5	149.5
33	Petroleum and coal products	29.1	30.8	28.4	22.9	20.1	21.1	21.6	22.0	26.9	30.2	25.8	24.0
34	Rubber and miscellaneous plastics products	29.6	31.3	34.4	34.0	35.1	37.9	41.2	44.9	47.0	49.7	53.8	53.6
35	Leather and leather products	5.1	5.2	5.3	5.2	5.2	5.2	4.9	5.1	5.3	4.2	4.5	4.2
36	**Transportation and public utilities**	**460.4**	**479.0**	**500.4**	**525.0**	**543.1**	**555.7**	**576.3**	**606.1**	**634.5**	**666.3**	**700.1**	**726.0**
37	Transportation	162.4	167.4	172.6	180.6	185.9	193.6	201.2	218.6	225.1	243.4	256.8	261.6
38	Railroad transportation	18.0	19.2	17.3	18.1	20.9	20.8	21.0	22.1	22.7	23.4	23.0	22.7
39	Local and interurban passenger transit	13.0	12.1	13.2	12.8	12.5	12.4	12.7	12.8	13.2	13.4	14.8	15.3
40	Trucking and warehousing	65.4	65.7	67.3	68.1	71.6	75.7	79.1	85.3	86.6	92.1	97.5	96.6
41	Water transportation	8.2	8.2	9.2	10.2	10.5	10.3	10.5	11.3	11.3	12.2	13.4	13.4
42	Transportation by air	33.9	38.4	41.3	46.9	45.0	49.2	51.9	59.6	62.9	70.8	75.5	78.1
43	Pipelines, except natural gas	7.6	6.5	6.5	5.7	6.2	5.9	6.0	5.5	5.0	5.7	6.4	6.9
44	Transportation services	18.1	18.0	18.9	19.5	19.8	19.6	20.4	22.1	23.4	25.7	26.3	28.7
45	Communications	132.6	140.8	146.1	155.2	162.1	169.3	182.1	190.8	202.4	214.7	240.1	256.6
46	Telephone and telegraph	102.9	108.3	110.2	117.1	120.8	125.5	135.8	142.2	147.6	163.9	190.8	209.1
47	Radio and television	27.7	31.0	35.5	37.5	41.2	43.9	46.2	48.6	55.2	50.7	49.7	48.5
48	Electric, gas, and sanitary services	165.8	171.3	182.5	190.0	195.9	193.2	193.3	196.7	207.2	208.3	203.2	208.0
49	**Wholesale trade**	**353.5**	**379.4**	**399.3**	**395.1**	**416.6**	**444.9**	**452.4**	**481.6**	**483.0**	**529.6**	**589.3**	**664.0**
50	**Retail trade**	**512.1**	**544.6**	**562.5**	**559.5**	**554.6**	**569.7**	**581.8**	**617.2**	**641.4**	**687.1**	**739.2**	**795.7**
51	**Finance, insurance, and real estate**	**1,169.1**	**1,209.1**	**1,234.3**	**1,250.6**	**1,270.6**	**1,297.4**	**1,328.9**	**1,347.6**	**1,393.0**	**1,436.8**	**1,510.5**	**1,606.7**
52	Depository institutions	220.6	217.6	230.9	244.0	246.5	234.7	233.9	227.9	242.4	241.0	241.7	257.9
53	Nondepository institutions	22.4	23.9	27.5	26.3	25.2	29.3	34.4	29.9	33.4	39.2	55.6	87.6
54	Security and commodity brokers	41.5	42.6	45.2	42.0	40.0	50.9	63.1	75.9	76.5	108.0	124.2	136.3
55	Insurance carriers	109.8	125.8	114.7	112.2	136.8	123.1	131.5	127.7	129.9	123.4	131.0	129.6
56	Insurance agents, brokers, and service	66.3	67.1	61.6	61.4	61.8	56.5	50.9	51.6	49.9	48.9	48.8	49.3
57	Real estate	685.6	733.5	754.6	763.4	768.2	799.3	805.5	827.7	852.8	871.6	902.9	932.4
58	Nonfarm housing services	532.9	551.1	569.6	580.1	595.1	608.8	609.5	631.4	648.0	654.6	662.0	671.0
59	Other real estate	154.4	181.2	184.1	182.9	174.1	190.7	195.8	196.5	204.9	217.0	241.2	262.6
60	Holding and other investment offices	57.7	16.0	6.1	10.2	7.7	10.4	15.7	8.5	9.9	4.6	7.5	16.4
61	**Services**	**1,181.0**	**1,255.1**	**1,313.8**	**1,361.9**	**1,352.4**	**1,391.4**	**1,418.0**	**1,458.1**	**1,510.4**	**1,564.2**	**1,634.4**	**1,708.1**
62	Hotels and other lodging places	52.1	53.2	54.5	55.2	53.9	55.0	56.1	58.3	62.7	66.3	66.2	63.7
63	Personal services	44.0	48.8	47.4	46.4	45.0	46.0	48.0	47.8	48.1	47.5	48.3	49.9
64	Business services	187.1	208.7	226.0	241.3	235.7	254.7	269.8	295.0	313.9	342.3	383.1	421.5
65	Auto repair, services, and parking	57.1	61.0	59.7	61.9	60.1	58.6	59.1	62.9	65.9	68.5	69.4	72.0
66	Miscellaneous repair services	21.4	23.9	25.3	25.4	23.1	21.7	21.6	21.4	22.4	21.8	21.1	21.7
67	Motion pictures	19.1	19.3	22.7	21.2	20.3	20.4	23.3	21.7	23.6	24.6	24.7	26.1
68	Amusement and recreation services	37.1	38.9	41.5	45.0	46.1	51.6	50.3	52.6	55.6	58.3	62.9	66.1
69	Health services	392.3	399.0	408.3	423.2	432.9	442.5	437.4	438.2	444.3	459.1	463.4	467.0
70	Legal services	97.8	107.4	108.4	108.8	105.9	108.3	103.6	101.6	105.1	98.0	103.8	107.1
71	Educational services	47.7	48.9	50.0	50.3	52.6	53.4	55.0	56.7	58.5	58.0	58.6	60.9
72	Social services	31.4	32.9	35.7	38.0	39.9	41.9	45.0	47.2	49.3	49.7	51.0	52.4
73	Membership organizations	36.5	38.5	40.8	43.4	45.2	45.3	48.2	50.8	49.0	49.2	48.6	48.5
74	Other services	153.0	167.0	183.7	191.3	182.5	181.4	189.0	192.1	199.9	208.9	221.6	238.3
75	Private households	10.2	10.6	11.1	11.4	10.5	11.3	11.7	11.8	12.2	12.0	11.8	13.3
76	**Statistical discrepancy** [1]	**4.2**	**–51.8**	**19.3**	**34.9**	**21.7**	**47.3**	**67.5**	**60.7**	**27.0**	**32.8**	**–3.1**	**–46.3**
77	**Government**	**938.0**	**961.0**	**984.3**	**1,008.2**	**1,012.1**	**1,015.3**	**1,013.1**	**1,016.0**	**1,017.1**	**1,020.4**	**1,035.7**	**1,047.0**
78	**Federal**	**369.5**	**372.4**	**377.3**	**384.7**	**385.1**	**382.4**	**373.4**	**366.9**	**354.3**	**346.9**	**349.1**	**349.8**
79	General government	318.0	321.8	325.6	331.4	333.3	326.2	319.7	309.9	299.1	292.0	287.8	285.8
80	Government enterprises	51.8	50.8	52.0	53.6	52.1	56.2	53.8	57.1	55.3	54.9	61.4	64.1
81	**State and local**	**569.2**	**589.3**	**607.7**	**624.1**	**627.7**	**633.5**	**640.1**	**649.4**	**662.9**	**673.5**	**686.5**	**697.2**
82	General government	514.5	532.1	548.5	564.7	571.2	579.4	587.1	596.1	607.7	616.7	628.2	638.9
83	Government enterprises	55.4	57.9	60.1	60.1	56.8	54.2	53.1	53.3	55.2	56.9	58.3	58.3
84	**Not allocated by industry** [2]	**–139.6**	**–111.0**	**–91.0**	**–89.5**	**–100.5**	**–59.3**	**–28.3**	**–2.2**	**9.7**	**0**	**–43.0**	**–84.4**

1. Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
2. Equals GDP less the statistical discrepancy and the sum of GPO of the detailed industries.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table 7.—Chain-Type Price Indexes for Gross Domestic Product by Industry, 1987–98

[1996=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**Gross domestic product**	**77.58**	**80.21**	**83.27**	**86.51**	**89.66**	**91.84**	**94.05**	**96.01**	**98.10**	**100.00**	**101.91**	**103.11**
2	**Private industries**	**78.31**	**80.83**	**83.84**	**87.10**	**89.86**	**92.25**	**94.61**	**96.55**	**98.50**	**100.00**	**101.33**	**101.99**
3	**Agriculture, forestry, and fishing**	**80.59**	**88.01**	**91.61**	**91.35**	**84.85**	**85.44**	**88.40**	**87.28**	**89.20**	**100.00**	**90.63**	**87.60**
4	Farms	82.60	90.82	95.93	94.56	85.51	84.12	85.76	83.36	85.65	100.00	85.24	79.60
5	Agricultural services, forestry, and fishing	75.01	80.39	80.44	82.88	82.58	88.14	94.43	96.52	97.50	100.00	103.99	107.45
6	**Mining**	**93.54**	**86.60**	**94.38**	**105.70**	**95.63**	**91.58**	**87.43**	**83.46**	**84.67**	**100.00**	**101.37**	**83.81**
7	Metal mining	113.35	134.96	136.90	117.98	100.44	94.39	82.86	98.09	118.20	100.00	89.81	69.85
8	Coal mining	192.36	174.70	164.85	156.42	149.96	142.62	124.81	117.03	106.45	100.00	95.46	91.13
9	Oil and gas extraction	82.71	74.70	84.43	99.54	88.70	84.77	82.58	76.96	78.14	100.00	102.63	81.51
10	Nonmetallic minerals, except fuels	89.75	92.59	94.91	96.70	97.60	97.45	94.66	97.67	100.32	100.00	103.93	102.60
11	**Construction**	**78.77**	**80.64**	**82.97**	**85.56**	**86.59**	**86.27**	**89.16**	**92.65**	**96.90**	**100.00**	**104.18**	**108.84**
12	**Manufacturing**	**84.93**	**87.48**	**91.55**	**94.40**	**97.86**	**99.72**	**100.76**	**101.43**	**100.34**	**100.00**	**99.40**	**98.90**
13	Durable goods	95.51	95.61	98.83	100.25	102.89	104.40	105.42	105.73	102.10	100.00	97.38	92.95
14	Lumber and wood products	63.51	66.36	71.27	71.36	73.53	81.67	96.76	102.42	101.75	100.00	104.04	104.12
15	Furniture and fixtures	75.79	78.60	82.29	86.03	89.23	89.66	89.71	93.63	94.18	100.00	102.58	106.12
16	Stone, clay, and glass products	87.62	85.84	85.91	86.15	88.85	88.76	90.90	95.03	98.66	100.00	101.65	105.99
17	Primary metal industries	81.30	95.54	103.66	98.97	93.12	90.58	88.73	94.24	106.80	100.00	100.24	98.70
18	Fabricated metal products	80.94	81.93	86.80	91.15	95.05	96.23	96.83	96.31	96.03	100.00	101.59	105.50
19	Industrial machinery and equipment	129.60	125.23	126.26	126.45	126.84	123.12	117.46	113.36	106.48	100.00	90.37	79.22
20	Electronic and other electric equipment	162.44	158.93	158.17	154.03	152.26	146.82	142.35	134.89	114.09	100.00	91.05	75.79
21	Motor vehicles and equipment	67.92	66.19	68.27	68.90	77.27	85.62	91.60	96.01	95.21	100.00	99.37	100.18
22	Other transportation equipment	72.81	71.89	75.36	79.92	84.97	90.37	92.96	95.04	96.45	100.00	101.34	103.26
23	Instruments and related products	61.57	61.15	65.34	71.48	76.40	81.01	84.57	87.07	89.73	100.00	108.04	118.86
24	Miscellaneous manufacturing industries	80.03	80.35	83.46	86.85	91.60	95.09	97.75	98.34	97.18	100.00	101.76	104.81
25	Nondurable goods	72.62	77.82	82.83	87.28	91.62	93.84	94.90	96.00	98.05	100.00	102.23	108.01
26	Food and kindred products	75.93	74.48	82.14	88.01	92.85	95.05	93.89	97.89	90.88	100.00	104.24	107.55
27	Tobacco products	45.92	52.88	64.78	82.35	110.81	144.64	132.42	95.87	96.30	100.00	111.12	153.87
28	Textile mill products	91.21	94.66	95.14	96.27	98.22	100.28	99.14	95.17	95.55	100.00	102.35	105.11
29	Apparel and other textile products	87.47	87.56	90.58	93.07	96.58	98.84	100.30	100.41	97.29	100.00	100.31	102.91
30	Paper and allied products	73.53	81.84	87.68	85.83	83.20	82.67	77.36	81.68	112.90	100.00	91.87	99.21
31	Printing and publishing	59.92	62.31	66.47	71.03	76.64	81.73	86.75	90.09	90.63	100.00	105.36	111.17
32	Chemicals and allied products	68.97	78.06	83.80	83.83	88.23	89.73	92.89	95.37	101.89	100.00	100.20	106.11
33	Petroleum and coal products	75.90	104.84	104.92	138.18	143.61	134.13	143.57	133.34	107.88	100.00	121.98	125.13
34	Rubber and miscellaneous plastics products	99.77	97.76	97.81	99.86	102.23	101.26	101.12	100.14	98.19	100.00	98.07	102.41
35	Leather and leather products	77.17	84.41	87.49	90.97	93.29	94.71	96.41	97.53	99.92	100.00	101.91	105.06
36	**Transportation and public utilities**	**92.56**	**93.72**	**93.66**	**93.51**	**95.44**	**96.90**	**99.47**	**100.87**	**101.27**	**100.00**	**101.86**	**104.57**
37	Transportation	97.80	101.11	99.78	98.22	100.12	99.91	102.38	102.10	103.69	100.00	102.33	108.53
38	Railroad transportation	121.84	120.33	114.74	109.30	105.22	103.83	104.79	105.33	103.90	100.00	100.90	106.83
39	Local and interurban passenger transit	66.56	73.20	70.39	71.19	81.90	88.00	89.51	90.40	94.33	100.00	100.26	104.78
40	Trucking and warehousing	98.11	98.19	100.02	101.88	98.95	98.43	100.14	101.29	102.78	100.00	102.00	110.27
41	Water transportation	102.44	110.35	104.05	98.70	105.06	103.03	102.04	101.16	103.11	100.00	99.16	104.23
42	Transportation by air	101.23	111.11	106.35	96.62	104.48	102.31	108.73	104.82	107.53	100.00	104.90	112.35
43	Pipelines, except natural gas	94.24	88.24	84.73	96.50	88.82	92.46	92.22	99.31	109.41	100.00	93.00	93.93
44	Transportation services	79.37	85.23	88.29	92.91	98.70	101.40	101.64	102.10	100.53	100.00	102.42	100.88
45	Communications	94.64	94.27	94.05	95.42	96.06	96.81	98.08	99.94	99.98	100.00	101.25	100.80
46	Telephone and telegraph	104.99	103.07	102.46	101.94	102.67	102.56	102.31	104.04	102.71	100.00	99.31	96.46
47	Radio and television	63.02	68.23	69.28	76.53	76.93	80.18	85.83	88.09	91.95	100.00	108.06	117.42
48	Electric, gas, and sanitary services	85.54	85.83	87.10	87.08	90.09	93.77	97.62	100.38	99.84	100.00	101.97	104.11
49	**Wholesale trade**	**87.37**	**91.36**	**91.35**	**95.21**	**94.96**	**93.18**	**95.60**	**99.50**	**103.64**	**100.00**	**97.13**	**92.45**
50	**Retail trade**	**84.85**	**84.75**	**87.59**	**90.75**	**94.44**	**96.84**	**99.34**	**100.54**	**100.84**	**100.00**	**99.31**	**98.26**
51	**Finance, insurance, and real estate**	**70.97**	**73.92**	**77.33**	**80.79**	**84.38**	**87.94**	**90.70**	**93.12**	**96.72**	**100.00**	**103.38**	**104.20**
52	Depository institutions	65.22	67.82	68.08	70.22	78.66	87.49	85.91	88.07	93.81	100.00	112.19	112.31
53	Nondepository institutions	79.75	84.18	86.25	88.52	92.33	92.78	94.43	98.47	102.17	100.00	92.79	89.65
54	Security and commodity brokers	99.48	98.85	100.18	100.66	101.19	107.20	107.16	102.57	101.66	100.00	94.46	85.86
55	Insurance carriers	39.75	45.22	52.76	57.58	60.86	66.71	75.90	81.68	92.50	100.00	107.88	110.39
56	Insurance agents, brokers, and service	45.84	50.28	55.92	61.36	61.49	69.70	82.12	87.89	94.57	100.00	104.94	108.93
57	Real estate	77.51	79.92	83.58	87.20	89.71	90.73	93.31	95.62	97.63	100.00	101.81	103.81
58	Nonfarm housing services	73.54	76.99	80.19	84.18	86.61	89.26	91.57	94.07	97.06	100.00	102.74	106.09
59	Other real estate	90.35	89.41	94.48	96.96	99.72	95.34	98.78	100.51	99.42	100.00	99.10	97.50
60	Holding and other investment offices	36.79	43.39	44.60	53.51	54.49	67.99	70.33	69.15	81.22	100.00	129.54	147.99
61	**Services**	**66.89**	**70.75**	**74.29**	**78.68**	**83.09**	**87.64**	**90.81**	**93.62**	**96.82**	**100.00**	**103.55**	**107.80**
62	Hotels and other lodging places	71.30	76.38	80.70	83.98	89.58	91.60	94.50	96.98	98.46	100.00	106.72	119.69
63	Personal services	70.58	73.59	77.58	81.96	86.16	88.96	92.19	95.36	97.25	100.00	103.72	106.17
64	Business services	77.50	79.99	81.27	84.53	87.09	90.08	91.78	92.62	96.18	100.00	103.24	107.75
65	Auto repair, services, and parking	71.39	74.34	77.89	81.24	85.37	88.93	92.47	95.45	98.83	100.00	103.76	107.86
66	Miscellaneous repair services	62.98	64.59	65.55	69.41	73.47	81.19	88.71	90.29	92.17	100.00	105.39	113.24
67	Motion pictures	71.54	74.32	79.08	83.62	88.11	89.34	89.46	92.27	94.62	100.00	102.19	103.92
68	Amusement and recreation services	70.75	74.05	77.00	81.08	85.40	87.64	90.35	93.65	96.36	100.00	103.04	106.62
69	Health services	58.78	63.56	68.75	74.29	79.77	85.37	90.20	94.46	97.49	100.00	102.77	106.10
70	Legal services	63.19	66.00	70.08	76.00	80.84	85.60	89.82	93.14	96.19	100.00	104.53	108.81
71	Educational services	65.65	69.99	74.17	78.59	83.10	87.05	89.51	92.71	95.23	100.00	104.23	109.04
72	Social services	66.72	71.00	74.95	79.09	84.20	89.12	91.11	93.51	96.15	100.00	104.23	110.33
73	Membership organizations	73.83	78.74	81.51	82.47	85.01	88.12	90.07	90.93	95.40	100.00	105.39	110.71
74	Other services	67.54	71.77	73.92	78.01	82.19	88.82	90.31	92.95	97.25	100.00	103.60	106.61
75	Private households	75.64	78.13	80.27	82.30	86.96	89.78	92.10	93.84	97.18	100.00	102.55	105.45
76	**Government**	**70.48**	**73.52**	**76.56**	**80.00**	**84.68**	**88.09**	**91.28**	**94.26**	**97.28**	**100.00**	**102.29**	**105.07**
77	**Federal**	**70.07**	**73.39**	**76.08**	**78.03**	**83.72**	**87.32**	**90.04**	**92.57**	**96.61**	**100.00**	**101.68**	**103.18**
78	General government	70.59	73.30	76.03	78.38	82.76	86.68	89.78	92.76	95.89	100.00	102.07	103.88
79	Government enterprises	66.54	73.64	76.03	75.49	89.39	91.05	91.51	91.50	100.44	100.00	99.76	99.81
80	**State and local**	**70.65**	**73.52**	**76.77**	**81.13**	**85.19**	**88.47**	**91.94**	**95.16**	**97.64**	**100.00**	**102.60**	**106.03**
81	General government	71.65	74.45	77.68	82.09	85.86	88.80	92.04	95.13	97.64	100.00	102.53	105.72
82	Government enterprises	60.48	63.91	67.38	71.24	78.02	84.91	90.88	95.56	97.64	100.00	103.38	109.51

Table 8.—Gross Output by Industry, 1987–98

[Billions of dollars]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**All industries**	**8,205.3**	**8,905.1**	**9,491.5**	**10,017.9**	**10,178.5**	**10,679.7**	**11,296.4**	**12,020.2**	**12,815.5**	**13,570.4**	**14,457.1**	**15,212.8**
2	**Private industries**	**7,497.7**	**8,149.7**	**8,685.8**	**9,154.9**	**9,263.8**	**9,728.2**	**10,305.8**	**10,992.5**	**11,752.2**	**12,470.5**	**13,319.8**	**14,032.3**
3	**Agriculture, forestry, and fishing**	**182.6**	**193.0**	**213.7**	**224.8**	**220.7**	**231.0**	**233.4**	**253.2**	**250.3**	**278.4**	**286.8**	**279.9**
4	Farms	152.0	158.5	177.2	185.3	180.4	187.9	187.4	203.3	197.9	222.6	226.2	214.2
5	Agricultural services, forestry, and fishing	30.7	34.5	36.5	39.5	40.3	43.1	45.9	49.9	52.4	55.8	60.6	65.6
6	**Mining**	**149.9**	**147.9**	**157.0**	**177.4**	**165.2**	**159.6**	**159.7**	**156.3**	**156.1**	**186.6**	**195.8**	**165.9**
7	Metal mining	7.1	9.7	11.5	11.6	11.2	11.4	10.7	12.1	13.3	12.6	12.7	11.0
8	Coal mining	27.2	27.3	28.2	30.0	29.1	28.8	25.8	27.7	26.7	27.1	27.3	27.3
9	Oil and gas extraction	102.4	96.9	103.0	121.1	111.5	105.3	109.1	100.9	99.7	129.8	137.7	109.2
10	Nonmetallic minerals, except fuels	13.3	14.0	14.3	14.7	13.5	14.1	14.1	15.5	16.4	17.0	18.2	18.5
11	**Construction**	**413.2**	**428.2**	**439.4**	**450.5**	**413.2**	**431.7**	**455.8**	**491.7**	**514.1**	**554.5**	**597.4**	**640.7**
12	**Manufacturing**	**2,451.3**	**2,667.3**	**2,812.5**	**2,873.6**	**2,830.7**	**2,956.3**	**3,082.9**	**3,301.7**	**3,547.5**	**3,661.1**	**3,877.8**	**3,999.0**
13	Durable goods	1,286.5	1,409.6	1,466.4	1,466.3	1,421.0	1,508.2	1,604.1	1,761.9	1,899.5	1,973.7	2,127.7	2,245.4
14	Lumber and wood products	70.6	73.0	74.7	74.7	70.1	81.3	94.0	102.8	104.6	105.6	110.6	110.9
15	Furniture and fixtures	37.1	38.7	40.7	40.9	39.0	42.7	45.8	49.2	52.4	54.5	60.0	65.0
16	Stone, clay, and glass products	60.6	62.0	62.6	62.7	58.6	60.9	63.9	69.4	74.4	80.6	88.0	94.0
17	Primary metal industries	120.6	149.9	155.9	148.1	135.6	138.1	143.1	160.7	180.0	178.7	188.1	181.1
18	Fabricated metal products	145.0	157.3	161.4	162.1	156.6	163.4	171.2	187.1	200.7	210.0	222.2	235.9
19	Industrial machinery and equipment	211.5	238.2	251.9	252.0	241.2	251.7	271.5	305.9	347.9	371.2	399.4	431.0
20	Electronic and other electric equipment	168.0	182.3	190.6	191.2	192.9	210.7	229.1	262.4	296.8	313.8	344.3	366.9
21	Motor vehicles and equipment	204.6	221.3	230.7	215.0	205.9	235.5	265.2	312.3	324.9	326.1	343.1	357.6
22	Other transportation equipment	128.9	136.1	140.8	153.9	151.4	151.9	143.8	132.8	127.7	136.2	156.4	179.6
23	Instruments and related products	106.4	114.4	119.7	126.5	130.6	132.3	134.0	135.1	143.7	147.9	159.7	165.8
24	Miscellaneous manufacturing industries	33.2	36.5	37.4	39.2	39.0	39.6	42.6	44.2	46.6	49.1	55.8	57.7
25	Nondurable goods	1,164.8	1,257.7	1,346.0	1,407.3	1,409.7	1,448.1	1,478.8	1,539.8	1,648.0	1,687.4	1,750.1	1,753.6
26	Food and kindred products	317.7	341.6	369.0	380.2	388.4	398.3	412.4	420.8	437.4	450.7	460.3	478.0
27	Tobacco products	24.9	27.8	29.7	33.5	36.3	40.0	33.7	35.3	38.3	39.6	43.6	46.9
28	Textile mill products	62.5	64.4	66.8	65.0	65.0	70.5	74.1	77.7	79.4	79.6	83.7	80.2
29	Apparel and other textile products	63.4	65.0	64.0	65.5	67.0	70.4	72.4	75.6	75.9	75.0	77.0	77.9
30	Paper and allied products	108.1	122.0	131.3	131.6	129.5	131.9	132.2	142.0	172.8	159.3	160.6	163.9
31	Printing and publishing	139.1	147.8	155.0	162.4	162.9	168.5	174.1	178.7	189.9	197.3	206.9	217.1
32	Chemicals and allied products	225.1	256.1	277.6	286.3	291.5	299.6	307.2	325.8	352.8	358.6	380.4	382.0
33	Petroleum and coal products	129.3	129.1	143.1	169.3	156.4	147.3	142.5	141.2	149.0	170.6	174.5	144.0
34	Rubber and miscellaneous plastics products	85.8	94.8	100.4	104.4	104.5	112.0	120.7	133.2	143.6	147.8	154.0	155.4
35	Leather and leather products	8.8	9.4	9.3	9.0	8.3	9.5	9.6	9.4	9.0	9.0	9.2	8.2
36	**Transportation and public utilities**	**720.2**	**774.0**	**818.0**	**856.7**	**884.9**	**929.0**	**980.2**	**1,033.2**	**1,087.6**	**1,162.9**	**1,231.1**	**1,296.8**
37	Transportation	286.6	317.3	335.9	361.1	363.0	381.1	400.3	428.0	453.8	477.9	508.6	541.2
38	Railroad transportation	31.2	33.0	33.7	34.3	34.3	35.3	35.9	38.3	40.1	40.7	41.6	42.3
39	Local and interurban passenger transit	15.5	16.6	17.7	19.0	19.8	20.3	20.9	21.7	22.9	24.2	25.2	25.8
40	Trucking and warehousing	114.7	128.7	139.2	153.1	154.2	166.7	175.8	192.3	200.6	213.8	227.6	245.9
41	Water transportation	24.2	26.5	27.1	28.3	29.2	29.3	30.4	31.2	34.1	36.4	37.1	38.5
42	Transportation by air	75.6	84.5	88.0	91.0	91.8	93.8	100.1	104.1	112.2	117.3	128.1	136.2
43	Pipelines, except natural gas	8.1	7.7	7.2	9.6	7.4	7.7	7.5	7.9	8.3	7.8	7.7	7.4
44	Transportation services	17.4	20.2	22.9	25.8	26.3	28.1	29.7	32.6	35.7	37.7	41.4	45.0
45	Communications	199.9	209.5	217.4	226.7	236.5	250.3	266.3	287.4	314.6	348.7	377.5	420.0
46	Telephone and telegraph	157.8	162.9	168.2	174.2	182.8	192.4	205.7	223.5	243.9	270.0	292.0	324.9
47	Radio and television	42.1	46.6	49.2	52.6	53.7	57.9	60.6	63.9	70.7	78.8	85.4	95.0
48	Electric, gas, and sanitary services	233.7	247.2	264.7	268.9	285.5	297.6	313.6	317.8	319.2	336.2	345.0	335.6
49	**Wholesale trade**	**458.7**	**506.4**	**533.0**	**564.8**	**570.2**	**593.6**	**639.8**	**701.1**	**768.4**	**789.8**	**826.6**	**854.3**
50	**Retail trade**	**674.2**	**712.6**	**755.4**	**793.0**	**807.2**	**846.6**	**906.9**	**974.8**	**1,021.7**	**1,070.9**	**1,120.1**	**1,180.3**
51	**Finance, insurance, and real estate**	**1,229.9**	**1,335.7**	**1,427.5**	**1,536.2**	**1,618.7**	**1,679.3**	**1,829.7**	**1,927.3**	**2,075.5**	**2,247.1**	**2,472.4**	**2,660.1**
52	Depository institutions	203.3	212.2	222.0	232.5	253.4	272.7	286.9	295.4	320.8	342.7	383.6	414.1
53	Nondepository institutions	36.0	40.8	43.7	47.4	48.1	47.8	57.9	71.2	87.5	108.4	131.1	141.5
54	Security and commodity brokers	61.9	57.7	66.8	62.9	77.3	86.1	104.9	111.3	138.5	169.3	206.4	253.9
55	Insurance carriers	131.4	155.8	165.3	180.7	201.0	178.4	230.4	231.1	254.6	261.5	299.5	288.7
56	Insurance agents, brokers, and service	48.3	50.0	53.0	60.1	59.2	59.7	63.1	69.3	72.9	74.0	79.5	87.8
57	Real estate	718.4	801.1	862.2	934.0	962.0	1,012.9	1,059.3	1,126.8	1,176.0	1,268.2	1,342.6	1,427.4
58	Nonfarm housing services	459.5	494.3	528.1	566.4	596.2	619.7	644.7	681.0	717.7	747.8	783.0	827.6
59	Other real estate	258.9	306.7	334.0	367.6	365.8	393.3	414.6	445.8	458.2	520.4	559.6	599.8
60	Holding and other investment offices	30.6	18.1	14.6	18.5	17.8	21.8	27.2	22.1	25.3	23.1	29.8	46.8
61	**Services**	**1,217.6**	**1,384.5**	**1,529.3**	**1,678.0**	**1,752.9**	**1,901.1**	**2,017.4**	**2,153.3**	**2,331.2**	**2,519.3**	**2,711.7**	**2,955.5**
62	Hotels and other lodging places	62.9	69.1	72.7	76.6	78.0	84.9	88.8	95.1	100.5	106.5	112.6	120.4
63	Personal services	47.8	54.5	59.8	62.4	62.0	68.7	72.5	76.6	81.7	84.6	89.6	96.0
64	Business services	195.2	232.0	262.9	294.9	303.7	328.3	358.0	397.2	449.1	510.6	577.0	673.8
65	Auto repair, services, and parking	68.7	77.4	83.1	86.1	83.4	91.3	98.2	107.2	115.8	124.3	130.1	134.6
66	Miscellaneous repair services	26.5	29.5	31.7	34.5	33.8	36.6	37.7	41.0	45.1	46.4	49.8	54.4
67	Motion pictures	28.9	32.4	36.2	39.2	41.2	43.0	46.9	50.4	53.9	56.8	59.2	62.5
68	Amusement and recreation services	42.9	49.2	54.2	62.2	65.4	74.1	82.2	89.2	100.3	110.7	120.3	126.8
69	Health services	337.5	379.8	418.4	468.0	513.3	563.7	594.1	622.0	656.7	688.0	720.5	755.6
70	Legal services	76.5	86.9	95.1	104.5	107.5	116.8	120.7	123.4	125.0	134.1	143.3	152.8
71	Educational services	54.8	60.5	66.4	71.9	76.6	81.4	85.8	91.2	97.1	103.8	109.4	115.1
72	Social services	43.7	51.8	57.6	64.4	66.8	70.4	76.9	83.3	92.1	98.7	108.7	119.3
73	Membership organizations	53.1	57.7	61.4	66.2	69.8	74.8	78.5	84.3	88.7	96.2	97.7	104.0
74	Other services	171.4	195.3	221.1	237.8	242.2	256.9	266.4	281.3	313.3	346.6	381.5	426.2
75	Private households	7.7	8.3	8.9	9.4	9.1	10.1	10.7	11.1	11.9	12.0	12.1	14.0
76	**Government**	**707.6**	**755.4**	**805.7**	**863.0**	**914.7**	**951.5**	**990.6**	**1,027.6**	**1,063.3**	**1,099.9**	**1,137.4**	**1,180.5**
77	**Federal**	**269.4**	**284.7**	**299.4**	**314.8**	**335.0**	**344.1**	**349.5**	**352.5**	**356.2**	**363.4**	**367.3**	**372.6**
78	General government	224.5	235.9	247.6	259.7	275.8	282.8	287.0	287.4	286.8	292.0	293.7	296.9
79	Government enterprises	44.9	48.8	51.9	55.0	59.2	61.3	62.5	65.1	69.5	71.4	73.5	75.6
80	**State and local**	**438.2**	**470.7**	**506.2**	**548.2**	**579.7**	**607.4**	**641.1**	**675.1**	**707.0**	**736.5**	**770.1**	**807.9**
81	General government	368.7	396.2	426.0	463.6	490.4	514.5	540.3	567.0	593.3	616.7	644.0	675.4
82	Government enterprises	69.5	74.6	80.2	84.6	89.2	92.9	100.7	108.1	113.7	119.9	126.1	132.5

Table 9.—Intermediate Inputs by Industry, 1987–98

[Billions of dollars]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**All industries**	**3,466.2**	**3,754.6**	**4,018.7**	**4,245.2**	**4,211.9**	**4,404.5**	**4,717.8**	**5,024.4**	**5,441.5**	**5,790.1**	**6,153.2**	**6,405.3**
2	**Private industries**	**3,419.6**	**3,705.6**	**3,966.7**	**4,188.8**	**4,154.3**	**4,347.3**	**4,652.0**	**4,954.3**	**5,367.7**	**5,710.5**	**6,075.2**	**6,325.0**
3	**Agriculture, forestry, and fishing**	**93.7**	**104.0**	**111.7**	**116.5**	**117.8**	**119.4**	**125.0**	**134.7**	**140.4**	**147.9**	**157.1**	**154.7**
4	Farms	86.9	94.7	101.0	105.7	107.2	107.4	113.9	119.8	124.7	130.4	138.1	134.1
5	Agricultural services, forestry, and fishing	6.8	9.3	10.7	10.9	10.6	12.0	11.2	15.0	15.8	17.5	19.0	20.6
6	**Mining**	**57.7**	**48.7**	**59.9**	**65.5**	**68.5**	**72.0**	**71.3**	**66.1**	**60.4**	**73.6**	**74.8**	**60.0**
7	Metal mining	3.4	4.7	6.3	6.5	5.5	5.8	5.8	6.6	6.8	6.8	6.9	5.9
8	Coal mining	14.2	14.7	16.3	18.2	17.6	16.8	15.3	16.4	16.0	16.0	16.2	15.7
9	Oil and gas extraction	35.0	23.3	30.9	34.0	39.3	43.0	43.4	36.5	30.4	43.7	44.8	32.2
10	Nonmetallic minerals, except fuels	5.2	6.1	6.5	6.9	6.0	6.3	6.9	6.6	7.2	7.1	6.8	6.2
11	**Construction**	**194.0**	**191.0**	**193.6**	**201.8**	**180.5**	**197.3**	**206.8**	**216.4**	**223.8**	**238.0**	**254.4**	**267.4**
12	**Manufacturing**	**1,562.7**	**1,687.4**	**1,794.8**	**1,833.0**	**1,787.2**	**1,874.3**	**1,951.5**	**2,078.4**	**2,258.4**	**2,345.0**	**2,500.6**	**2,566.2**
13	Durable goods	769.8	843.3	883.7	879.8	845.4	914.3	971.3	1,067.8	1,169.7	1,225.2	1,329.0	1,402.8
14	Lumber and wood products	38.5	40.0	40.9	42.6	39.7	49.0	58.3	63.0	62.3	65.6	68.7	67.0
15	Furniture and fixtures	22.5	23.6	24.8	25.3	23.8	26.2	27.7	30.3	32.9	33.8	37.1	39.7
16	Stone, clay, and glass products	37.3	38.2	37.4	37.3	34.8	34.7	37.4	39.0	42.0	47.4	50.1	51.9
17	Primary metal industries	86.1	106.8	110.6	104.9	95.7	98.5	100.1	113.1	127.0	127.9	136.3	126.3
18	Fabricated metal products	82.4	89.9	92.9	92.7	89.3	93.9	97.8	103.9	113.5	116.8	122.6	131.2
19	Industrial machinery and equipment	116.4	127.9	135.0	133.8	132.1	138.0	157.8	184.8	215.1	234.9	255.6	277.7
20	Electronic and other electric equipment	80.4	85.6	85.6	85.5	82.2	103.0	108.1	123.1	149.9	160.6	178.2	198.6
21	Motor vehicles and equipment	146.4	160.6	178.0	167.6	160.4	176.7	187.2	217.1	226.7	233.9	243.6	252.6
22	Other transportation equipment	73.4	82.2	84.0	93.5	89.0	93.9	89.6	83.1	80.0	84.8	100.8	119.9
23	Instruments and related products	69.0	69.8	76.1	77.2	79.1	80.4	85.6	88.3	96.5	94.2	105.7	106.8
24	Miscellaneous manufacturing industries	17.4	18.5	18.2	19.3	19.3	20.0	21.7	22.0	23.9	25.3	30.3	31.2
25	Nondurable goods	792.9	844.1	911.1	953.2	941.7	960.1	980.2	1,010.7	1,088.7	1,119.8	1,171.6	1,163.5
26	Food and kindred products	238.6	257.0	280.0	283.8	284.7	292.4	304.8	310.6	316.3	332.0	341.0	356.0
27	Tobacco products	14.5	16.7	18.4	21.5	23.5	26.1	21.4	22.1	23.2	24.8	27.5	29.1
28	Textile mill products	42.3	43.7	45.8	43.0	42.6	44.8	48.4	52.1	54.6	54.2	58.0	54.6
29	Apparel and other textile products	40.4	40.8	38.6	40.1	41.0	43.0	44.7	47.1	48.7	48.1	50.9	52.4
30	Paper and allied products	70.3	78.2	85.8	86.6	84.8	86.3	85.2	91.8	113.8	103.4	107.0	109.0
31	Printing and publishing	77.1	81.3	83.5	89.4	87.9	89.6	95.7	95.3	109.1	109.0	116.7	120.9
32	Chemicals and allied products	141.3	160.6	174.3	176.4	177.6	180.5	184.5	187.1	202.0	204.9	221.6	223.3
33	Petroleum and coal products	107.2	96.8	113.3	137.6	127.5	119.1	111.5	111.9	120.0	140.4	143.0	113.9
34	Rubber and miscellaneous plastics products	56.3	64.1	66.7	70.5	68.7	73.6	79.1	88.3	97.4	98.2	101.3	100.5
35	Leather and leather products	4.9	5.0	4.7	4.3	3.4	4.5	4.9	4.4	3.7	4.8	4.6	3.8
36	**Transportation and public utilities**	**294.1**	**325.0**	**349.4**	**365.8**	**366.6**	**390.5**	**406.9**	**421.8**	**445.0**	**496.5**	**517.9**	**537.6**
37	Transportation	127.8	148.0	163.6	183.7	176.9	187.7	194.3	204.8	220.4	234.5	245.8	257.3
38	Railroad transportation	9.3	10.0	13.8	14.5	12.3	13.7	14.0	15.0	16.5	17.3	18.3	18.1
39	Local and interurban passenger transit	6.9	7.7	8.4	10.0	9.6	9.3	9.6	10.1	10.4	10.8	10.4	9.8
40	Trucking and warehousing	50.5	64.3	71.9	83.6	83.3	92.1	96.6	105.9	111.6	121.7	128.2	139.4
41	Water transportation	15.8	17.4	17.5	18.3	18.2	18.7	19.6	19.7	22.4	24.2	23.8	24.6
42	Transportation by air	41.3	41.8	44.1	45.7	44.8	43.5	43.7	41.7	44.5	46.5	48.8	48.5
43	Pipelines, except natural gas	1.0	2.0	1.7	4.1	1.9	2.2	1.9	2.4	2.8	2.1	1.8	0.9
44	Transportation services	3.0	4.8	6.2	7.6	6.8	8.1	8.9	10.0	12.2	12.0	14.5	16.0
45	Communications	74.4	76.7	80.0	78.6	80.8	86.4	87.7	96.7	112.3	134.1	134.3	161.3
46	Telephone and telegraph	49.8	51.3	55.4	54.8	58.8	63.7	66.7	75.5	92.3	106.1	102.6	123.3
47	Radio and television	24.6	25.5	24.6	23.8	22.0	22.8	21.0	21.2	20.0	28.0	31.8	38.0
48	Electric, gas, and sanitary services	91.9	100.3	105.8	103.5	109.0	116.4	124.9	120.3	112.3	128.0	137.8	119.1
49	**Wholesale trade**	**149.8**	**159.9**	**168.2**	**188.6**	**174.6**	**179.0**	**207.3**	**221.9**	**267.7**	**260.2**	**254.2**	**240.5**
50	**Retail trade**	**239.7**	**251.0**	**262.7**	**285.2**	**283.4**	**294.8**	**328.9**	**354.3**	**374.9**	**383.8**	**385.9**	**398.5**
51	**Finance, insurance, and real estate**	**400.2**	**442.0**	**473.0**	**525.9**	**546.6**	**538.4**	**624.4**	**672.4**	**728.2**	**810.4**	**910.9**	**985.9**
52	Depository institutions	59.4	64.6	64.8	61.2	59.5	67.3	86.0	94.7	93.4	101.7	112.4	124.4
53	Nondepository institutions	18.2	20.6	19.9	24.1	24.8	20.6	25.3	41.8	53.4	69.2	79.5	63.0
54	Security and commodity brokers	20.6	15.6	21.5	20.6	36.8	31.6	37.3	33.4	60.7	61.2	89.1	136.8
55	Insurance carriers	87.8	98.9	104.8	116.1	117.8	96.2	130.6	126.8	134.5	138.1	158.1	145.6
56	Insurance agents, brokers, and service	17.9	16.2	18.6	22.5	21.2	20.3	21.3	23.9	25.6	25.1	28.3	34.1
57	Real estate	187.0	214.8	231.5	268.3	272.8	287.7	307.7	335.4	343.4	396.6	423.4	459.5
58	Nonfarm housing services	67.7	70.1	71.4	78.1	80.7	76.2	86.6	87.1	88.8	93.3	102.8	115.7
59	Other real estate	119.4	144.8	160.1	190.2	192.1	211.5	221.1	248.3	254.6	303.3	320.5	343.7
60	Holding and other investment offices	9.3	11.2	11.9	13.0	13.6	14.7	16.2	16.2	17.2	18.4	20.1	22.6
61	**Services**	**427.7**	**496.6**	**553.3**	**606.4**	**629.2**	**681.7**	**729.8**	**788.3**	**868.8**	**955.0**	**1,019.3**	**1,114.2**
62	Hotels and other lodging places	25.8	28.5	28.7	30.2	29.8	34.5	35.7	38.5	38.8	40.2	42.0	44.1
63	Personal services	16.8	18.6	23.0	24.4	23.2	27.8	28.2	31.0	35.0	37.1	39.5	43.0
64	Business services	50.2	65.1	79.2	90.9	98.4	98.9	110.4	124.0	147.1	168.2	181.5	219.7
65	Auto repair, services, and parking	27.9	32.1	36.5	35.8	32.0	39.2	43.5	47.2	50.7	55.9	58.1	57.0
66	Miscellaneous repair services	13.0	14.1	15.1	16.8	16.8	19.0	18.5	21.7	24.4	24.6	27.5	29.8
67	Motion pictures	15.2	18.1	18.3	21.5	23.3	24.8	26.0	30.4	31.5	32.1	34.0	35.3
68	Amusement and recreation services	16.7	20.4	22.2	25.7	26.0	28.9	36.7	40.0	46.8	52.4	55.4	56.3
69	Health services	106.9	126.2	137.7	153.6	168.0	185.9	199.6	208.0	223.6	228.9	244.3	260.1
70	Legal services	14.7	16.0	19.2	21.8	21.9	24.1	27.7	28.8	23.8	36.2	34.8	36.3
71	Educational services	23.5	26.3	29.3	32.3	32.9	34.9	36.6	38.6	41.4	45.8	48.3	48.7
72	Social services	22.7	28.4	30.9	34.3	33.2	33.1	36.0	39.1	44.7	49.0	55.5	61.4
73	Membership organizations	26.2	27.4	28.1	30.4	31.4	34.9	35.1	38.2	42.0	47.0	46.5	50.3
74	Other services	68.1	75.5	85.3	88.6	92.3	95.8	95.8	102.7	118.8	137.6	151.9	172.1
75	Private households	0	0	0	0	0	0	0	0	0	0	0	0
76	**Government**	**46.6**	**48.9**	**52.1**	**56.4**	**57.6**	**57.1**	**65.8**	**70.0**	**73.8**	**79.5**	**78.0**	**80.3**
77	**Federal**	**10.5**	**11.4**	**12.4**	**14.6**	**12.6**	**10.2**	**13.3**	**12.8**	**14.0**	**16.5**	**12.2**	**11.7**
78	General government	0	0	0	0	0	0	0	0	0	0	0	0
79	Government enterprises	10.5	11.4	12.4	14.6	12.6	10.2	13.3	12.8	14.0	16.5	12.2	11.7
80	**State and local**	**36.1**	**37.5**	**39.7**	**41.8**	**44.9**	**46.9**	**52.5**	**57.2**	**59.8**	**63.0**	**65.8**	**68.7**
81	General government	0	0	0	0	0	0	0	0	0	0	0	0
82	Government enterprises	36.1	37.5	39.7	41.8	44.9	46.9	52.5	57.2	59.8	63.0	65.8	68.7

Table 10.—Chain-Type Quantity Indexes for Gross Output by Industry, 1987–98

[1996=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**All Industries**	**76.61**	**80.26**	**82.35**	**83.89**	**83.34**	**85.75**	**88.62**	**92.46**	**95.98**	**100.00**	**105.32**	**111.21**
2	**Private industries**	**75.42**	**79.18**	**81.25**	**82.72**	**82.09**	**84.69**	**87.76**	**91.88**	**95.67**	**100.00**	**105.70**	**111.99**
3	**Agriculture, forestry, and fishing**	**82.85**	**80.80**	**85.42**	**89.18**	**90.37**	**94.43**	**92.54**	**100.30**	**97.69**	**100.00**	**106.45**	**108.31**
4	Farms	85.09	81.71	86.62	90.20	91.29	95.98	93.59	102.01	97.90	100.00	106.62	106.89
5	Agricultural services, forestry, and fishing	73.76	77.47	80.83	85.44	87.09	88.54	88.61	93.90	96.91	100.00	105.82	113.33
6	**Mining**	**91.84**	**95.36**	**94.07**	**96.69**	**96.72**	**95.58**	**95.99**	**97.76**	**97.11**	**100.00**	**103.26**	**102.27**
7	Metal mining	59.07	71.71	82.74	88.54	92.49	98.16	96.80	99.88	98.16	100.00	105.93	105.40
8	Coal mining	81.13	85.03	88.89	94.51	92.89	93.88	88.96	97.62	96.89	100.00	102.33	105.42
9	Oil and gas extraction	99.40	101.77	97.11	98.94	100.13	97.00	98.91	98.00	96.98	100.00	103.10	100.41
10	Nonmetallic minerals, except fuels	91.10	93.60	92.57	92.11	83.92	87.27	88.61	94.91	97.48	100.00	104.06	108.38
11	**Construction**	**95.44**	**95.65**	**95.12**	**94.70**	**85.63**	**88.71**	**90.61**	**94.49**	**94.99**	**100.00**	**104.45**	**109.05**
12	**Manufacturing**	**78.85**	**82.47**	**83.41**	**83.05**	**81.35**	**84.43**	**87.20**	**92.27**	**96.71**	**100.00**	**106.92**	**113.80**
13	Durable goods	71.21	75.54	76.23	75.51	72.52	76.45	80.45	87.26	93.94	100.00	109.73	120.31
14	Lumber and wood products	99.51	98.26	94.99	93.60	86.31	91.68	91.59	96.29	98.35	100.00	101.25	103.17
15	Furniture and fixtures	87.30	87.01	88.13	86.16	80.52	87.12	91.43	95.05	98.41	100.00	108.41	116.29
16	Stone, clay, and glass products	89.84	91.00	90.05	88.84	81.77	84.64	86.78	90.94	93.74	100.00	107.74	113.23
17	Primary metal industries	82.20	89.58	88.76	86.67	83.01	85.87	90.21	95.32	96.68	100.00	104.51	104.97
18	Fabricated metal products	84.84	87.80	86.07	84.41	80.49	83.73	87.06	93.57	96.67	100.00	104.61	110.05
19	Industrial machinery and equipment	50.90	57.10	59.43	59.29	56.79	60.51	66.80	76.31	88.92	100.00	114.16	133.27
20	Electronic and other electric equipment	41.03	43.94	45.62	46.59	47.47	53.14	58.74	69.18	85.72	100.00	117.55	141.09
21	Motor vehicles and equipment	75.50	80.28	81.42	74.71	69.29	77.18	84.83	97.50	100.33	100.00	106.08	111.70
22	Other transportation equipment	121.48	126.03	125.65	132.16	125.10	121.21	112.30	101.54	95.37	100.00	113.67	129.82
23	Instruments and related products	85.32	89.50	90.29	92.74	93.68	93.25	93.08	92.89	97.72	100.00	107.42	111.15
24	Miscellaneous manufacturing industries	83.96	89.11	88.18	89.65	87.20	86.66	91.50	93.42	96.30	100.00	112.58	115.61
25	Nondurable goods	88.53	91.14	92.43	92.55	92.49	94.47	95.63	98.46	100.04	100.00	103.67	106.31
26	Food and kindred products	87.34	90.01	92.62	92.47	94.30	96.37	98.17	99.03	101.86	100.00	101.80	108.27
27	Tobacco products	97.42	99.74	95.90	97.10	92.92	93.19	80.36	93.71	98.72	100.00	105.42	100.14
28	Textile mill products	90.67	89.64	91.02	86.71	86.00	92.56	97.45	101.92	100.95	100.00	105.44	101.36
29	Apparel and other textile products	98.84	98.30	94.39	94.18	94.14	97.21	98.97	103.04	102.78	100.00	101.80	102.06
30	Paper and allied products	88.38	91.37	92.81	92.93	93.22	95.55	97.04	100.95	101.73	100.00	104.79	104.83
31	Printing and publishing	100.74	101.89	101.48	102.11	98.58	99.05	99.20	99.22	99.74	100.00	102.94	105.23
32	Chemicals and allied products	85.47	89.57	91.92	93.47	92.60	94.26	94.47	97.35	98.67	100.00	105.22	106.23
33	Petroleum and coal products	93.73	97.12	96.43	94.51	96.44	94.05	94.23	96.45	98.39	100.00	104.26	111.64
34	Rubber and miscellaneous plastics products	67.35	70.90	73.78	76.15	75.57	81.24	86.74	94.43	96.82	100.00	104.44	105.90
35	Leather and leather products	123.70	121.27	116.64	109.10	99.57	112.71	111.90	106.95	98.78	100.00	100.15	90.05
36	**Transportation and public utilities**	**70.10**	**74.54**	**77.43**	**79.28**	**80.99**	**84.15**	**86.83**	**90.64**	**94.80**	**100.00**	**104.25**	**110.11**
37	Transportation	67.53	73.04	75.89	79.38	79.12	83.06	85.64	91.21	94.95	100.00	104.87	110.16
38	Railroad transportation	74.42	79.01	81.58	83.33	85.04	88.12	88.90	93.97	98.44	100.00	101.42	102.00
39	Local and interurban passenger transit	88.38	88.56	94.12	96.64	94.43	93.23	94.94	97.09	99.28	100.00	104.41	107.54
40	Trucking and warehousing	60.64	67.90	70.84	74.54	76.33	82.58	85.76	92.49	94.63	100.00	105.22	111.77
41	Water transportation	75.87	80.42	81.46	83.66	83.86	83.95	86.26	88.15	94.14	100.00	101.05	103.64
42	Transportation by air	70.56	74.93	77.38	79.96	77.78	80.62	82.97	88.41	93.31	100.00	105.97	111.00
43	Pipelines, except natural gas	113.63	114.05	108.57	131.70	106.17	106.53	103.78	102.47	99.86	100.00	104.19	99.80
44	Transportation services	58.68	64.03	70.18	75.43	73.11	76.07	79.91	86.84	95.26	100.00	107.19	117.05
45	Communications	62.77	65.46	67.25	68.97	71.06	74.60	78.27	82.95	90.36	100.00	107.19	119.91
46	Telephone and telegraph	58.43	60.89	62.69	64.97	67.56	71.03	75.73	80.96	88.77	100.00	108.65	123.78
47	Radio and television	80.10	83.71	85.37	84.53	84.42	88.25	87.69	90.23	96.06	100.00	102.32	107.56
48	Electric, gas, and sanitary services	81.65	86.43	90.57	90.07	94.36	95.91	97.67	98.00	99.27	100.00	100.34	99.93
49	**Wholesale trade**	**67.62**	**71.67**	**74.61**	**76.13**	**76.52**	**80.47**	**84.81**	**89.96**	**95.17**	**100.00**	**106.64**	**114.55**
50	**Retail trade**	**75.96**	**79.52**	**81.32**	**82.39**	**81.15**	**83.55**	**87.41**	**92.49**	**95.66**	**100.00**	**104.32**	**110.42**
51	**Finance, insurance, and real estate**	**76.09**	**79.39**	**81.20**	**83.86**	**84.99**	**84.97**	**89.58**	**91.88**	**95.32**	**100.00**	**106.17**	**112.43**
52	Depository institutions	87.60	88.10	91.10	92.52	91.87	90.62	95.86	96.12	98.72	100.00	102.41	109.68
53	Nondepository institutions	43.65	47.29	49.33	52.14	50.91	49.68	58.69	69.53	82.05	100.00	121.41	130.37
54	Security and commodity brokers	39.30	36.44	41.31	38.55	46.84	50.00	60.35	65.49	81.36	100.00	125.48	161.36
55	Insurance carriers	97.06	105.75	101.46	103.60	111.40	91.69	106.82	101.43	102.82	100.00	108.65	102.25
56	Insurance agents, brokers, and service	118.64	114.20	111.32	117.56	114.04	105.35	99.35	103.46	102.70	100.00	103.41	111.11
57	Real estate	73.09	79.02	81.56	84.97	84.91	88.29	89.87	93.39	95.12	100.00	102.84	106.64
58	Nonfarm housing services	82.91	85.40	87.63	89.78	91.65	92.75	94.04	96.72	98.88	100.00	101.77	104.31
59	Other real estate	59.77	70.13	73.05	78.12	75.47	81.96	83.95	88.63	89.73	100.00	104.38	109.99
60	Holding and other investment offices	219.35	117.83	91.95	109.09	102.85	114.97	137.19	109.69	116.69	100.00	118.15	171.67
61	**Services**	**67.59**	**73.19**	**77.34**	**80.86**	**80.81**	**84.31**	**86.92**	**90.40**	**94.86**	**100.00**	**104.84**	**111.44**
62	Hotels and other lodging places	79.89	83.05	83.33	84.64	82.18	87.63	89.07	93.05	96.31	100.00	100.58	99.35
63	Personal services	76.91	84.45	88.28	87.87	83.87	90.61	92.71	95.14	99.18	100.00	102.71	108.08
64	Business services	46.46	53.55	59.62	64.73	65.04	68.81	74.03	81.59	89.78	100.00	111.01	127.13
65	Auto repair, services, and parking	73.70	80.15	82.24	81.65	76.29	81.28	84.80	90.25	94.56	100.00	102.10	103.67
66	Miscellaneous repair services	75.78	82.13	86.56	91.15	86.62	89.36	87.36	93.59	101.17	100.00	104.52	111.67
67	Motion pictures	70.01	75.52	79.53	81.79	82.08	84.69	91.48	95.48	99.00	100.00	101.93	105.77
68	Amusement and recreation services	52.94	58.31	61.61	67.55	67.97	75.35	81.51	85.82	93.58	100.00	105.82	108.98
69	Health services	76.11	80.25	82.79	86.96	90.01	93.89	94.70	95.46	97.55	100.00	102.37	104.98
70	Legal services	86.37	94.14	97.45	99.67	96.83	100.28	99.38	98.27	96.42	100.00	102.65	105.82
71	Educational services	74.51	78.01	81.43	84.12	85.95	88.36	90.85	93.67	96.85	100.00	102.09	104.17
72	Social services	61.19	69.00	73.27	78.44	77.89	79.22	84.70	89.55	96.10	100.00	107.13	114.22
73	Membership organizations	72.81	75.22	77.06	81.35	83.28	86.93	89.22	94.37	95.25	100.00	98.28	101.71
74	Other services	69.24	74.83	82.09	84.24	82.08	82.23	83.96	86.51	92.62	100.00	106.84	116.77
75	Private households	84.87	88.61	92.57	94.90	87.41	93.96	97.09	98.45	101.87	100.00	97.87	110.60
76	**Government**	**90.48**	**92.75**	**95.02**	**97.40**	**97.85**	**98.01**	**98.57**	**99.15**	**99.46**	**100.00**	**101.14**	**102.50**
77	**Federal**	**105.11**	**106.18**	**107.75**	**110.32**	**109.73**	**108.17**	**106.65**	**104.67**	**101.43**	**100.00**	**99.41**	**99.48**
78	General government	108.90	110.20	111.50	113.49	114.14	111.72	109.47	106.11	102.42	100.00	98.55	97.89
79	Government enterprises	89.94	90.10	92.70	97.62	92.18	93.91	95.28	98.87	97.43	100.00	102.98	106.11
80	**State and local**	**83.37**	**86.23**	**88.84**	**91.13**	**92.09**	**93.08**	**94.65**	**96.46**	**98.50**	**100.00**	**101.98**	**103.98**
81	General government	83.44	86.29	88.94	91.58	92.63	93.96	95.20	96.66	98.54	100.00	101.87	103.61
82	Government enterprises	83.07	85.94	88.38	88.83	89.26	88.51	91.77	95.42	98.25	100.00	102.57	105.91

Table 11.—Chain-Type Price Indexes for Gross Output by Industry, 1987–98

[1996=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**All industries**	**78.93**	**81.76**	**84.94**	**88.00**	**90.00**	**91.78**	**93.93**	**95.80**	**98.40**	**100.00**	**101.15**	**100.81**
2	**Private industries**	**79.72**	**82.53**	**85.73**	**88.75**	**90.49**	**92.12**	**94.17**	**95.94**	**98.51**	**100.00**	**101.05**	**100.48**
3	**Agriculture, forestry, and fishing**	**79.18**	**85.81**	**89.89**	**90.55**	**87.73**	**87.90**	**90.59**	**90.68**	**92.03**	**100.00**	**96.78**	**92.82**
4	Farms	80.23	87.14	91.92	92.27	88.78	87.95	89.97	89.55	90.79	100.00	95.31	90.04
5	Agricultural services, forestry, and fishing	74.49	79.90	80.95	82.93	82.99	87.36	92.92	95.22	96.96	100.00	102.66	103.79
6	**Mining**	**87.47**	**83.12**	**89.45**	**98.32**	**91.53**	**89.49**	**89.17**	**85.71**	**86.13**	**100.00**	**101.63**	**86.94**
7	Metal mining	94.95	107.39	110.08	104.30	95.81	92.50	87.52	96.53	107.59	100.00	94.82	82.61
8	Coal mining	123.32	118.37	117.03	116.83	115.27	112.97	106.83	104.62	101.63	100.00	98.36	95.23
9	Oil and gas extraction	79.37	73.32	81.66	94.24	85.74	83.63	84.96	79.34	79.16	100.00	102.85	83.74
10	Nonmetallic minerals, except fuels	85.45	88.00	90.93	93.85	94.48	94.63	93.79	96.14	98.58	100.00	102.69	100.43
11	**Construction**	**78.09**	**80.74**	**83.32**	**85.81**	**87.03**	**87.78**	**90.72**	**93.86**	**97.61**	**100.00**	**103.16**	**105.96**
12	**Manufacturing**	**84.92**	**88.35**	**92.10**	**94.51**	**95.05**	**95.64**	**96.57**	**97.74**	**100.19**	**100.00**	**99.06**	**95.98**
13	Durable goods	91.54	94.54	97.47	98.40	99.28	99.96	101.03	102.31	102.45	100.00	98.25	94.56
14	Lumber and wood products	67.21	70.39	74.46	75.63	76.90	83.97	97.27	101.14	100.75	100.00	103.48	101.81
15	Furniture and fixtures	77.99	81.55	84.65	87.16	88.91	89.98	91.79	94.95	97.66	100.00	101.45	102.47
16	Stone, clay, and glass products	83.68	84.59	86.27	87.52	88.95	89.33	91.32	94.65	98.52	100.00	101.37	102.99
17	Primary metal industries	82.12	93.64	98.32	95.63	91.45	90.00	88.78	94.35	104.18	100.00	100.73	96.54
18	Fabricated metal products	81.40	85.30	89.31	91.47	92.66	92.96	93.62	95.23	98.85	100.00	101.16	102.06
19	Industrial machinery and equipment	111.98	112.42	114.19	114.52	114.40	112.10	109.50	107.98	105.41	100.00	94.26	87.13
20	Electronic and other electric equipment	130.51	132.16	133.15	130.80	129.50	126.37	124.25	120.86	110.32	100.00	93.32	82.86
21	Motor vehicles and equipment	83.10	84.52	86.88	88.24	91.12	93.56	95.88	98.24	99.30	100.00	99.20	98.18
22	Other transportation equipment	77.91	79.26	82.28	85.50	88.87	92.03	94.03	95.98	98.27	100.00	101.04	101.57
23	Instruments and related products	84.27	86.43	89.60	92.19	94.23	95.88	97.29	98.33	99.39	100.00	100.53	100.81
24	Miscellaneous manufacturing industries	80.43	83.33	86.44	88.99	91.17	93.10	94.82	96.39	98.48	100.00	100.97	101.69
25	Nondurable goods	77.97	81.78	86.30	90.11	90.33	90.84	91.64	92.68	97.63	100.00	100.05	97.76
26	Food and kindred products	80.73	84.22	88.40	91.23	91.40	91.71	93.21	94.30	95.29	100.00	100.34	97.97
27	Tobacco products	64.43	70.30	78.16	87.01	98.48	108.28	105.74	95.14	97.95	100.00	104.37	118.28
28	Textile mill products	86.62	90.25	92.22	94.19	94.98	95.70	95.54	95.81	98.82	100.00	99.73	99.43
29	Apparel and other textile products	85.47	88.06	90.29	92.72	94.87	96.55	97.43	97.79	98.45	100.00	100.80	101.64
30	Paper and allied products	76.78	83.81	88.81	88.94	87.22	86.70	85.50	88.29	106.63	100.00	96.24	98.18
31	Printing and publishing	70.01	73.54	77.42	80.63	83.75	86.24	88.99	91.31	96.51	100.00	101.87	104.61
32	Chemicals and allied products	73.46	79.73	84.21	85.43	87.79	88.65	90.68	93.35	99.71	100.00	100.82	100.28
33	Petroleum and coal products	80.83	77.91	87.02	105.01	95.04	91.83	88.63	85.82	88.76	100.00	98.10	75.60
34	Rubber and miscellaneous plastics products	86.21	90.42	92.06	92.75	93.60	93.28	94.17	95.43	100.31	100.00	99.77	99.29
35	Leather and leather products	79.42	85.78	88.75	92.23	92.45	93.27	95.09	97.68	101.23	100.00	101.92	101.02
36	**Transportation and public utilities**	**88.36**	**89.30**	**90.86**	**92.93**	**93.96**	**94.94**	**97.08**	**98.03**	**98.66**	**100.00**	**101.55**	**101.28**
37	Transportation	88.80	90.89	92.61	95.19	96.00	96.00	97.80	98.20	100.00	100.00	101.49	102.80
38	Railroad transportation	102.85	102.73	101.40	101.08	98.93	98.30	99.26	100.13	100.07	100.00	100.66	101.91
39	Local and interurban passenger transit	72.44	77.35	77.75	81.38	86.77	89.83	90.96	92.10	95.06	100.00	99.71	99.00
40	Trucking and warehousing	88.46	88.69	91.94	96.07	94.50	94.41	95.90	97.25	99.18	100.00	101.20	102.92
41	Water transportation	87.83	90.51	91.56	93.09	95.77	95.97	96.74	97.29	99.48	100.00	100.82	102.18
42	Transportation by air	91.32	96.19	96.98	97.05	100.65	99.23	102.86	100.45	102.50	100.00	103.04	104.64
43	Pipelines, except natural gas	90.96	86.57	84.67	93.24	89.05	92.04	92.35	98.04	105.59	100.00	94.84	95.35
44	Transportation services	78.41	83.49	86.47	90.54	95.30	97.80	98.53	99.49	99.47	100.00	102.32	101.88
45	Communications	91.32	91.78	92.72	94.26	95.43	96.21	97.55	99.34	99.83	100.00	100.98	100.43
46	Telephone and telegraph	100.05	99.10	99.38	99.29	100.22	100.32	100.58	102.24	101.75	100.00	99.55	97.23
47	Radio and television	66.70	70.66	73.22	78.94	80.74	83.38	87.79	89.97	93.47	100.00	106.03	112.17
48	Electric, gas, and sanitary services	85.14	85.08	86.94	88.80	89.98	92.29	95.51	96.45	95.64	100.00	102.27	99.89
49	**Wholesale trade**	**85.88**	**89.46**	**90.45**	**93.92**	**94.35**	**93.39**	**95.52**	**98.68**	**102.23**	**100.00**	**98.14**	**94.43**
50	**Retail trade**	**82.89**	**83.68**	**86.74**	**89.88**	**92.88**	**94.62**	**96.89**	**98.43**	**99.73**	**100.00**	**100.26**	**99.83**
51	**Finance, insurance, and real estate**	**71.94**	**74.87**	**78.24**	**81.52**	**84.76**	**87.95**	**90.90**	**93.35**	**96.90**	**100.00**	**103.64**	**105.29**
52	Depository institutions	67.72	70.28	71.12	73.34	80.50	87.80	87.34	89.70	94.82	100.00	109.32	110.17
53	Nondepository institutions	76.15	79.55	81.65	83.89	87.06	88.69	90.92	94.42	98.36	100.00	99.54	100.11
54	Security and commodity brokers	93.08	93.63	95.52	96.37	97.46	101.72	102.72	100.41	100.56	100.00	97.20	92.95
55	Insurance carriers	51.78	56.34	62.29	66.71	69.01	74.39	82.49	87.15	94.70	100.00	105.40	107.96
56	Insurance agents, brokers, and service	54.99	59.17	64.32	69.13	70.10	76.55	85.85	90.48	95.87	100.00	103.93	106.74
57	Real estate	77.50	79.93	83.35	86.67	89.33	90.46	92.94	95.14	97.49	100.00	102.94	105.55
58	Nonfarm housing services	74.12	77.41	80.59	84.36	86.99	89.34	91.68	94.16	97.06	100.00	102.88	106.10
59	Other real estate	83.24	84.05	87.87	90.42	93.13	92.21	94.90	96.66	98.14	100.00	103.03	104.79
60	Holding and other investment offices	60.36	66.64	68.79	73.53	75.16	82.11	85.85	87.19	93.78	100.00	109.21	118.13
61	**Services**	**71.51**	**75.08**	**78.49**	**82.37**	**86.11**	**89.51**	**92.13**	**94.55**	**97.55**	**100.00**	**102.67**	**105.27**
62	Hotels and other lodging places	73.96	78.15	81.90	84.98	89.19	91.03	93.59	95.94	98.03	100.00	105.15	113.80
63	Personal services	73.48	76.31	80.01	83.88	87.44	89.66	92.39	95.15	97.43	100.00	103.12	104.99
64	Business services	82.31	84.85	86.38	89.23	91.47	93.45	94.72	95.35	97.97	100.00	101.81	103.81
65	Auto repair, services, and parking	74.93	77.68	81.23	84.75	87.88	90.30	93.09	95.56	98.50	100.00	102.46	104.42
66	Miscellaneous repair services	75.26	77.47	78.84	81.51	84.19	88.36	92.90	94.37	96.13	100.00	102.58	104.97
67	Motion pictures	72.66	75.54	80.18	84.51	88.48	89.45	90.29	92.97	95.86	100.00	102.41	104.06
68	Amusement and recreation services	73.14	76.24	79.39	83.14	86.88	88.78	91.04	93.89	96.77	100.00	102.64	105.08
69	Health services	64.46	68.78	73.45	78.22	82.88	87.26	91.19	94.70	97.85	100.00	102.30	104.62
70	Legal services	66.02	68.80	72.79	78.17	82.76	86.84	90.58	93.63	96.63	100.00	104.05	107.69
71	Educational services	70.88	74.70	78.50	82.33	85.84	88.70	91.00	93.77	96.54	100.00	103.21	106.42
72	Social services	72.39	76.05	79.68	83.20	86.89	90.05	92.03	94.24	97.11	100.00	102.82	105.81
73	Membership organizations	75.79	79.80	82.79	84.63	87.13	89.49	91.54	92.89	96.87	100.00	103.39	106.32
74	Other services	71.45	75.33	77.71	81.47	85.16	90.16	91.56	93.84	97.59	100.00	103.03	105.31
75	Private households	75.64	78.13	80.27	82.30	86.96	89.78	92.10	93.84	97.18	100.00	102.55	105.45
76	**Government**	**71.10**	**74.05**	**77.09**	**80.55**	**84.98**	**88.26**	**91.36**	**94.23**	**97.19**	**100.00**	**102.25**	**104.70**
77	**Federal**	**70.53**	**73.78**	**76.48**	**78.51**	**84.01**	**87.53**	**90.18**	**92.67**	**96.65**	**100.00**	**101.66**	**103.06**
78	General government	70.59	73.30	76.03	78.38	82.76	86.68	89.78	92.76	95.89	100.00	102.07	103.88
79	Government enterprises	69.99	75.93	78.40	78.96	89.93	91.44	91.92	92.16	99.84	100.00	100.02	99.84
80	**State and local**	**71.36**	**74.13**	**77.37**	**81.68**	**85.47**	**88.61**	**91.96**	**95.03**	**97.46**	**100.00**	**102.53**	**105.49**
81	General government	71.65	74.45	77.68	82.09	85.86	88.80	92.04	95.13	97.64	100.00	102.53	105.72
82	Government enterprises	69.84	72.39	75.73	79.49	83.40	87.60	91.58	94.52	96.55	100.00	102.54	104.36

Table 12.—Chain-Type Quantity Indexes for Intermediate Inputs by Industry, 1987–98

[1996=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**All industries**	**73.48**	**76.62**	**78.83**	**80.75**	**79.70**	**82.73**	**87.03**	**91.16**	**95.43**	**100.00**	**105.49**	**112.06**
2	**Private industries**	**73.50**	**76.65**	**78.86**	**80.77**	**79.68**	**82.78**	**87.00**	**91.12**	**95.42**	**100.00**	**105.62**	**112.22**
3	**Agriculture, forestry, and fishing**	**81.47**	**83.97**	**85.67**	**87.89**	**88.27**	**89.71**	**91.46**	**97.28**	**100.52**	**100.00**	**103.80**	**107.19**
4	Farms	85.16	86.24	87.27	89.74	90.49	91.09	94.15	97.94	101.42	100.00	103.18	105.25
5	Agricultural services, forestry, and fishing	52.90	66.71	73.74	74.04	71.36	79.50	71.12	92.41	93.87	100.00	108.52	121.92
6	**Mining**	**97.59**	**82.77**	**96.82**	**99.29**	**106.65**	**111.57**	**105.36**	**100.70**	**92.85**	**100.00**	**99.63**	**88.30**
7	Metal mining	60.67	78.42	102.18	102.93	90.04	95.43	94.19	102.70	101.42	100.00	102.74	92.71
8	Coal mining	99.02	102.14	109.96	118.90	114.69	109.18	99.58	106.19	101.75	100.00	101.25	99.86
9	Oil and gas extraction	105.30	71.98	89.05	89.41	108.62	117.97	110.09	98.81	85.55	100.00	99.31	82.93
10	Nonmetallic minerals, except fuels	90.20	102.92	105.86	106.88	93.26	97.64	104.24	98.89	105.61	100.00	95.10	90.22
11	**Construction**	**105.34**	**99.15**	**97.04**	**98.39**	**86.50**	**92.35**	**93.69**	**95.22**	**95.39**	**100.00**	**104.97**	**109.98**
12	**Manufacturing**	**78.49**	**81.00**	**82.84**	**82.67**	**81.55**	**85.62**	**88.31**	**92.65**	**96.20**	**100.00**	**107.85**	**115.93**
13	Durable goods	70.53	73.27	74.60	73.80	71.10	76.77	80.65	87.00	92.99	100.00	109.81	119.81
14	Lumber and wood products	83.98	83.23	81.39	82.43	76.45	87.36	91.08	95.66	94.77	100.00	101.43	101.62
15	Furniture and fixtures	84.00	83.79	85.31	85.41	79.50	85.87	88.01	93.67	97.37	100.00	109.06	117.25
16	Stone, clay, and glass products	96.64	96.22	91.17	88.93	82.36	81.46	86.11	87.12	90.09	100.00	104.34	108.59
17	Primary metal industries	81.71	89.92	89.93	86.99	82.49	85.84	88.13	93.72	96.31	100.00	105.66	103.28
18	Fabricated metal products	86.36	87.61	87.27	86.63	84.19	88.81	91.73	94.20	96.07	100.00	104.04	112.94
19	Industrial machinery and equipment	49.26	52.25	53.94	53.23	52.81	55.83	64.19	75.14	87.40	100.00	112.67	128.48
20	Electronic and other electric equipment	48.67	49.29	48.23	48.49	46.97	59.53	62.54	71.12	87.41	100.00	116.13	137.43
21	Motor vehicles and equipment	70.71	75.01	80.95	74.92	71.04	78.02	81.99	93.71	95.98	100.00	105.09	110.95
22	Other transportation equipment	106.47	114.82	113.68	123.42	114.83	119.03	111.68	101.55	94.92	100.00	117.94	140.44
23	Instruments and related products	72.55	70.26	75.22	76.93	79.35	81.42	86.85	89.55	97.76	100.00	115.91	122.52
24	Miscellaneous manufacturing industries	84.62	84.39	80.20	83.68	83.73	86.78	93.15	91.70	94.57	100.00	119.06	124.12
25	Nondurable goods	87.83	90.06	92.49	93.08	93.81	95.98	97.25	99.16	99.81	100.00	105.71	111.65
26	Food and kindred products	87.23	88.27	93.10	92.54	94.38	97.30	98.78	100.55	98.28	100.00	103.75	113.00
27	Tobacco products	75.01	81.81	86.66	98.07	103.75	114.77	92.87	94.03	94.59	100.00	110.31	115.73
28	Textile mill products	92.51	91.54	93.07	85.22	84.16	88.55	95.20	99.99	100.25	100.00	108.44	103.81
29	Apparel and other textile products	99.41	95.84	88.94	90.12	90.72	93.93	97.09	101.68	102.13	100.00	104.82	107.86
30	Paper and allied products	86.68	89.26	92.93	92.58	91.92	94.08	91.56	96.74	106.39	100.00	105.02	107.83
31	Printing and publishing	88.70	88.35	87.20	91.51	89.42	91.27	96.73	94.85	98.76	100.00	107.88	111.19
32	Chemicals and allied products	90.58	97.22	100.87	99.76	99.21	100.35	101.07	99.39	100.44	100.00	106.76	113.07
33	Petroleum and coal products	92.95	95.63	97.04	99.73	105.27	100.92	100.53	103.00	100.56	100.00	108.74	119.89
34	Rubber and miscellaneous plastics products	71.52	75.15	76.12	80.36	78.18	83.76	88.68	96.50	97.91	100.00	102.55	104.88
35	Leather and leather products	124.16	117.75	107.08	95.53	77.38	102.82	108.54	94.08	75.24	100.00	94.56	81.35
36	**Transportation and public utilities**	**71.37**	**78.27**	**80.68**	**79.97**	**80.30**	**85.22**	**87.31**	**90.17**	**94.19**	**100.00**	**103.14**	**111.75**
37	Transportation	67.80	77.67	81.37	85.09	82.12	86.92	88.90	92.65	97.61	100.00	104.18	113.10
38	Railroad transportation	68.09	71.59	94.29	93.01	78.71	87.23	88.00	93.23	100.69	100.00	105.81	109.21
39	Local and interurban passenger transit	80.28	87.52	90.37	98.59	96.25	94.03	95.61	99.06	100.52	100.00	97.47	99.47
40	Trucking and warehousing	51.29	64.91	68.85	74.99	75.12	82.84	85.67	92.39	95.05	100.00	104.71	117.26
41	Water transportation	80.99	88.46	84.77	83.73	82.42	83.44	86.17	85.57	94.95	100.00	96.63	100.69
42	Transportation by air	110.22	110.09	109.31	102.92	101.62	99.30	99.14	95.24	100.41	100.00	104.90	112.21
43	Pipelines, except natural gas	56.60	116.00	92.02	217.41	99.80	113.90	98.72	118.25	133.68	100.00	84.97	45.24
44	Transportation services	32.02	49.90	62.27	73.82	64.06	75.17	80.67	88.60	104.76	100.00	118.42	128.90
45	Communications	64.75	65.45	66.10	63.68	63.92	67.79	67.74	73.40	84.11	100.00	99.68	120.56
46	Telephone and telegraph	51.60	52.61	55.58	54.62	57.78	62.22	64.35	71.73	86.80	100.00	96.77	117.94
47	Radio and television	120.06	119.25	109.41	100.81	88.80	90.33	81.47	80.26	73.70	100.00	110.57	130.48
48	Electric, gas, and sanitary services	85.33	93.75	95.80	88.77	95.39	101.71	106.40	104.42	98.84	100.00	104.84	99.75
49	**Wholesale trade**	**69.50**	**71.76**	**72.94**	**79.35**	**72.03**	**73.12**	**83.39**	**87.78**	**103.33**	**100.00**	**97.38**	**93.33**
50	**Retail trade**	**78.49**	**79.84**	**80.15**	**84.00**	**81.79**	**84.55**	**92.42**	**97.34**	**99.86**	**100.00**	**98.55**	**100.98**
51	**Finance, insurance, and real estate**	**66.86**	**71.04**	**72.92**	**78.22**	**78.88**	**75.56**	**84.42**	**88.49**	**92.43**	**100.00**	**108.00**	**113.51**
52	Depository institutions	77.03	81.10	78.93	72.27	68.13	75.07	93.12	99.54	94.39	100.00	107.64	116.32
53	Nondepository institutions	35.63	39.18	36.78	43.26	43.15	34.56	41.17	65.59	80.23	100.00	110.62	84.30
54	Security and commodity brokers	41.47	30.28	40.35	37.89	66.39	55.66	64.04	56.26	100.24	100.00	143.44	218.16
55	Insurance carriers	102.08	108.26	106.98	111.93	111.19	85.42	106.78	99.60	100.66	100.00	110.88	99.57
56	Insurance agents, brokers, and service	91.51	80.12	88.07	102.87	93.62	88.00	90.73	99.72	103.71	100.00	110.22	131.82
57	Real estate	60.78	67.65	70.43	79.21	77.79	80.74	84.26	89.96	89.12	100.00	101.23	105.88
58	Nonfarm housing services	93.10	93.64	91.85	97.70	96.61	90.98	100.46	98.58	98.08	100.00	106.21	116.88
59	Other real estate	50.79	59.62	63.81	73.49	71.96	77.57	79.27	87.31	86.37	100.00	99.72	102.57
60	Holding and other investment offices	68.36	78.84	80.99	86.31	88.03	91.56	95.64	93.12	95.35	100.00	105.74	114.13
61	**Services**	**55.68**	**62.39**	**67.02**	**71.13**	**71.89**	**76.91**	**80.94**	**85.87**	**92.11**	**100.00**	**105.43**	**115.24**
62	Hotels and other lodging places	82.05	87.58	85.07	86.85	83.56	95.21	96.32	101.42	99.05	100.00	101.77	104.97
63	Personal services	57.67	61.91	73.76	75.45	70.03	82.54	82.10	88.24	96.65	100.00	104.02	111.96
64	Business services	31.88	40.22	47.87	54.01	57.67	58.26	64.94	72.86	86.00	100.00	109.14	136.00
65	Auto repair, services, and parking	62.25	69.56	75.89	71.15	62.71	76.14	82.87	88.33	92.47	100.00	103.07	101.82
66	Miscellaneous repair services	59.32	62.26	65.12	72.14	71.69	81.08	77.82	90.02	99.90	100.00	111.54	123.11
67	Motion pictures	64.29	73.42	70.12	78.62	81.80	86.21	89.18	101.16	101.33	100.00	103.22	105.52
68	Amusement and recreation services	41.47	49.07	51.05	57.01	55.77	60.98	76.27	80.98	91.69	100.00	103.46	103.95
69	Health services	60.08	68.28	71.61	77.30	81.97	89.08	93.56	95.48	99.10	100.00	105.26	111.62
70	Legal services	52.19	55.07	63.25	69.71	67.15	73.07	82.22	83.50	67.21	100.00	93.62	96.29
71	Educational services	65.67	70.66	75.64	80.73	80.20	83.79	85.88	88.67	92.02	100.00	103.55	103.20
72	Social services	59.33	71.31	74.45	79.99	75.48	74.20	78.94	84.05	93.04	100.00	111.69	123.35
73	Membership organizations	71.42	71.98	71.10	74.27	74.57	81.66	80.19	85.36	90.82	100.00	97.67	105.03
74	Other services	63.14	67.21	73.39	73.52	74.19	75.30	74.27	78.31	87.98	100.00	108.00	120.92
75	Private households	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	**Government**	**72.33**	**74.76**	**76.72**	**79.59**	**80.82**	**79.13**	**89.43**	**93.80**	**96.64**	**100.00**	**96.49**	**101.19**
77	**Federal**	**76.20**	**81.58**	**85.62**	**96.14**	**82.89**	**66.06**	**85.85**	**81.81**	**86.49**	**100.00**	**73.36**	**70.91**
78	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79	Government enterprises	76.20	81.58	85.62	96.14	82.89	66.06	85.85	81.81	86.49	100.00	73.36	70.91
80	**State and local**	**71.21**	**72.84**	**74.24**	**75.03**	**80.20**	**82.63**	**90.37**	**96.98**	**99.34**	**100.00**	**102.53**	**109.10**
81	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	Government enterprises	71.21	72.84	74.24	75.03	80.20	82.63	90.37	96.98	99.34	100.00	102.53	109.10

Table 13.—Chain-Type Price Indexes for Intermediate Inputs by Industry, 1987–98

[1996=100]

Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	**All industries**	**81.47**	**84.63**	**88.05**	**90.80**	**91.28**	**91.95**	**93.63**	**95.19**	**98.48**	**100.00**	**100.74**	**98.72**
2	**Private industries**	**81.48**	**84.66**	**88.09**	**90.82**	**91.30**	**91.97**	**93.64**	**95.21**	**98.51**	**100.00**	**100.73**	**98.70**
3	**Agriculture, forestry, and fishing**	**77.76**	**83.69**	**88.14**	**89.63**	**90.21**	**89.96**	**92.40**	**93.61**	**94.44**	**100.00**	**102.33**	**97.53**
4	Farms	78.24	84.21	88.75	90.32	90.84	90.44	92.75	93.77	94.27	100.00	102.67	97.70
5	Agricultural services, forestry, and fishing	73.59	79.11	82.78	83.58	84.65	85.82	89.43	92.29	95.76	100.00	99.84	96.24
6	**Mining**	**80.42**	**80.03**	**84.16**	**89.70**	**87.29**	**87.70**	**92.05**	**89.26**	**88.46**	**100.00**	**102.05**	**92.37**
7	Metal mining	82.12	87.83	90.91	92.95	91.13	90.36	91.42	95.06	98.77	100.00	99.29	94.92
8	Coal mining	89.53	90.24	92.59	95.74	96.23	96.26	96.09	96.95	98.46	100.00	100.42	98.18
9	Oil and gas extraction	76.12	74.04	79.38	86.96	82.74	83.42	90.11	84.40	81.31	100.00	103.27	88.76
10	Nonmetallic minerals, except fuels	80.52	82.74	86.36	90.48	90.81	91.30	92.59	94.17	96.36	100.00	100.82	96.91
11	**Construction**	**77.36**	**80.93**	**83.83**	**86.18**	**87.64**	**89.75**	**92.75**	**95.47**	**98.56**	**100.00**	**101.80**	**102.16**
12	Manufacturing	84.90	88.83	92.39	94.55	93.45	93.35	94.23	95.66	100.11	100.00	98.87	94.40
13	Durable goods	89.08	93.94	96.67	97.29	97.04	97.20	98.30	100.17	102.66	100.00	98.78	95.56
14	Lumber and wood products	69.84	73.28	76.56	78.65	79.17	85.42	97.56	100.33	100.11	100.00	103.15	100.38
15	Furniture and fixtures	79.34	83.40	86.10	87.81	88.65	90.13	93.08	95.74	99.81	100.00	100.76	100.28
16	Stone, clay, and glass products	81.32	83.82	86.54	88.48	89.03	89.74	91.62	94.35	98.41	100.00	101.17	100.70
17	Primary metal industries	82.42	92.88	96.23	94.31	90.78	89.78	88.81	94.41	103.13	100.00	100.91	95.66
18	Fabricated metal products	81.64	87.80	91.12	91.61	90.83	90.51	91.21	94.39	101.10	100.00	100.82	99.38
19	Industrial machinery and equipment	100.59	104.26	106.58	107.01	106.53	105.20	104.65	104.74	104.78	100.00	96.59	92.03
20	Electronic and other electric equipment	102.83	108.15	110.54	109.77	108.90	107.75	107.57	107.78	106.76	100.00	95.52	89.95
21	Motor vehicles and equipment	88.56	91.57	94.03	95.67	96.53	96.82	97.65	99.08	100.99	100.00	99.13	97.37
22	Other transportation equipment	81.30	84.47	87.13	89.33	91.44	93.05	94.67	96.55	99.37	100.00	100.87	100.70
23	Instruments and related products	101.01	105.54	107.44	106.55	105.82	104.84	104.61	104.67	104.82	100.00	96.81	92.50
24	Miscellaneous manufacturing industries	81.08	86.48	89.60	91.20	90.72	91.13	91.99	94.47	99.72	100.00	100.27	99.10
25	Nondurable goods	80.62	83.70	87.97	91.46	89.64	89.33	90.00	91.02	97.41	100.00	98.98	93.06
26	Food and kindred products	82.40	87.69	90.60	92.37	90.88	90.53	92.95	93.05	96.94	100.00	99.00	94.90
27	Tobacco products	78.03	82.08	85.82	88.60	91.39	91.83	92.89	94.68	98.99	100.00	100.59	101.32
28	Textile mill products	84.43	88.12	90.75	93.10	93.31	93.34	93.69	96.07	100.37	100.00	98.56	96.95
29	Apparel and other textile products	84.44	88.47	90.21	92.61	93.91	95.23	95.77	96.26	99.11	100.00	101.06	101.03
30	Paper and allied products	78.49	84.75	89.29	90.49	89.27	88.77	90.03	91.83	103.49	100.00	98.59	97.77
31	Printing and publishing	79.68	84.39	87.86	89.57	90.12	90.03	90.70	92.11	101.31	100.00	99.20	99.72
32	Chemicals and allied products	76.14	80.62	84.33	86.27	87.34	87.79	89.09	91.87	98.12	100.00	101.28	96.37
33	Petroleum and coal products	82.15	72.07	83.17	98.29	86.30	84.05	79.01	77.37	85.00	100.00	93.66	67.68
34	Rubber and miscellaneous plastics products	80.13	86.94	89.28	89.36	89.53	89.51	90.89	93.22	101.37	100.00	100.65	97.64
35	Leather and leather products	81.99	87.62	90.49	93.99	91.54	91.61	93.56	97.63	102.63	100.00	101.93	96.89
36	**Transportation and public utilities**	**82.99**	**83.64**	**87.22**	**92.12**	**91.95**	**92.29**	**93.87**	**94.21**	**95.15**	**100.00**	**101.13**	**96.89**
37	Transportation	80.36	81.29	85.76	92.06	91.86	92.06	93.21	94.27	96.29	100.00	100.61	97.00
38	Railroad transportation	78.77	80.78	84.85	90.12	90.44	90.91	91.89	93.20	94.98	100.00	100.35	95.91
39	Local and interurban passenger transit	79.36	81.80	86.42	93.62	92.68	92.06	92.72	94.17	95.95	100.00	98.98	90.93
40	Trucking and warehousing	80.99	81.36	85.79	91.67	91.15	91.39	92.70	94.22	96.47	100.00	100.58	97.69
41	Water transportation	80.85	81.41	85.48	90.25	91.03	92.39	94.06	95.35	97.68	100.00	101.70	101.00
42	Transportation by air	80.62	81.74	86.85	95.47	94.90	94.24	94.77	94.21	95.36	100.00	100.18	92.94
43	Pipelines, except natural gas	80.62	82.21	85.03	88.14	89.75	91.02	92.78	95.02	97.55	100.00	100.40	98.72
44	Transportation services	77.99	80.45	83.29	86.10	88.45	90.52	92.31	94.32	97.35	100.00	102.12	103.73
45	Communications	85.71	87.45	90.28	92.11	94.26	95.10	96.58	98.22	99.56	100.00	100.51	99.79
46	Telephone and telegraph	91.02	91.91	93.90	94.61	95.97	96.49	97.73	99.24	100.25	100.00	99.92	98.57
47	Radio and television	73.15	76.21	80.43	84.43	88.32	89.96	92.09	94.11	96.73	100.00	102.58	104.03
48	Electric, gas, and sanitary services	84.14	83.58	86.27	91.08	89.27	89.46	91.77	90.05	88.81	100.00	102.73	93.29
49	**Wholesale trade**	**82.82**	**85.60**	**88.62**	**91.34**	**93.15**	**94.05**	**95.52**	**97.15**	**99.57**	**100.00**	**100.33**	**99.02**
50	**Retail trade**	**79.59**	**81.93**	**85.40**	**88.49**	**90.30**	**90.87**	**92.74**	**94.84**	**97.82**	**100.00**	**102.04**	**102.82**
51	**Finance, insurance, and real estate**	**73.87**	**76.78**	**80.04**	**82.97**	**85.51**	**87.93**	**91.27**	**93.77**	**97.22**	**100.00**	**104.08**	**107.18**
52	Depository institutions	75.86	78.35	80.82	83.31	85.96	88.22	90.81	93.64	97.31	100.00	102.75	105.21
53	Nondepository institutions	73.64	76.14	78.29	80.53	83.17	85.98	88.96	92.04	96.13	100.00	103.83	107.95
54	Security and commodity brokers	81.33	84.12	87.17	88.69	90.53	92.62	95.21	97.10	98.98	100.00	101.51	102.43
55	Insurance carriers	62.25	66.15	70.90	75.12	76.68	81.57	88.57	92.21	96.71	100.00	103.24	105.84
56	Insurance agents, brokers, and service	77.73	80.67	83.90	86.93	89.97	91.66	93.39	95.55	98.37	100.00	102.05	102.98
57	Real estate	77.59	80.08	82.87	85.42	88.45	89.86	92.08	94.02	97.16	100.00	105.45	109.42
58	Nonfarm housing services	77.95	80.25	83.38	85.70	89.60	89.84	92.42	94.78	97.07	100.00	103.81	106.19
59	Other real estate	77.47	80.06	82.70	85.34	88.02	89.88	91.97	93.76	97.19	100.00	105.97	110.48
60	Holding and other investment offices	74.07	76.85	79.43	81.95	83.91	87.07	91.59	94.47	98.00	100.00	102.91	107.20
61	**Services**	**80.44**	**83.35**	**86.45**	**89.27**	**91.64**	**92.82**	**94.41**	**96.12**	**98.77**	**100.00**	**101.23**	**101.24**
62	Hotels and other lodging places	78.10	80.92	83.80	86.55	88.55	90.10	92.18	94.34	97.34	100.00	102.59	104.52
63	Personal services	78.46	80.86	83.98	86.99	89.43	90.72	92.69	94.83	97.66	100.00	102.36	103.53
64	Business services	93.59	96.17	98.42	100.06	101.47	100.90	101.08	101.20	101.68	100.00	98.85	96.02
65	Auto repair, services, and parking	80.20	82.62	86.17	89.94	91.40	92.09	93.90	95.71	98.09	100.00	100.89	100.20
66	Miscellaneous repair services	89.31	92.29	94.20	94.94	95.62	95.51	96.70	98.04	99.68	100.00	100.28	98.63
67	Motion pictures	73.58	76.56	81.09	85.21	88.76	89.54	90.93	93.53	96.79	100.00	102.58	104.17
68	Amusement and recreation services	76.63	79.36	82.83	86.07	88.89	90.24	91.86	94.14	97.23	100.00	102.19	103.28
69	Health services	77.74	80.72	83.99	86.81	89.51	91.14	93.18	95.17	98.58	100.00	101.39	101.81
70	Legal services	77.90	80.39	83.75	86.63	90.10	91.23	93.17	95.29	98.08	100.00	102.66	104.33
71	Educational services	78.30	81.28	84.48	87.48	89.58	90.92	93.00	95.16	98.28	100.00	101.92	103.12
72	Social services	78.27	81.33	84.66	87.60	89.83	91.04	93.00	94.99	98.11	100.00	101.45	101.66
73	Membership organizations	77.90	80.92	84.16	87.09	89.52	90.96	93.11	95.09	98.48	100.00	101.28	101.80
74	Other services	78.38	81.63	84.43	87.55	90.35	92.47	93.69	95.32	98.14	100.00	102.18	103.39
75	Private households	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
76	**Government**	**80.94**	**82.33**	**85.36**	**89.11**	**89.59**	**90.78**	**92.54**	**93.88**	**96.00**	**100.00**	**101.65**	**99.82**
77	**Federal**	**83.31**	**84.64**	**87.43**	**91.84**	**92.37**	**93.27**	**93.86**	**95.04**	**97.72**	**100.00**	**101.05**	**99.65**
78	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79	Government enterprises	83.31	84.64	87.43	91.84	92.37	93.27	93.86	95.04	97.72	100.00	101.05	99.65
80	**State and local**	**80.39**	**81.79**	**84.91**	**88.45**	**88.92**	**90.18**	**92.21**	**93.59**	**95.58**	**100.00**	**101.79**	**99.88**
81	General government	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	Government enterprises	80.39	81.79	84.91	88.45	88.92	90.18	92.21	93.59	95.58	100.00	101.79	99.88

Table 14.—Current-Dollar Cost Per Unit of Real Gross Product Originating by Private Industry Group, 1987–98

[Dollars]

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total	**0.783**	**0.808**	**0.838**	**0.871**	**0.899**	**0.922**	**0.946**	**0.966**	**0.985**	**1.000**	**1.013**	**1.020**
Compensation of employees	0.422	0.433	0.447	0.468	0.481	0.496	0.509	0.515	0.522	0.525	0.532	0.543
Indirect business tax and nontax liability	0.071	0.071	0.075	0.078	0.085	0.088	0.090	0.092	0.092	0.092	0.090	0.090
Property-type income	0.290	0.304	0.316	0.324	0.333	0.339	0.347	0.359	0.371	0.383	0.391	0.387
Agriculture, forestry and fishing	0.806	0.880	0.916	0.913	0.848	0.854	0.884	0.873	0.892	1.000	0.906	0.876
Compensation of employees	0.195	0.240	0.236	0.252	0.250	0.234	0.267	0.256	0.300	0.305	0.299	0.324
Indirect business tax and nontax liability	0.044	0.048	0.046	0.047	0.047	0.045	0.047	0.046	0.053	0.051	0.049	0.050
Property-type income	0.567	0.592	0.634	0.614	0.552	0.575	0.569	0.571	0.538	0.644	0.559	0.502
Mining	0.935	0.866	0.944	1.057	0.956	0.916	0.874	0.835	0.847	1.000	1.014	0.838
Compensation of employees	0.301	0.267	0.292	0.304	0.325	0.338	0.317	0.300	0.288	0.295	0.297	0.287
Indirect business tax and nontax liability	0.104	0.091	0.103	0.110	0.116	0.120	0.113	0.105	0.100	0.108	0.101	0.094
Property-type income	0.530	0.508	0.549	0.643	0.515	0.458	0.444	0.429	0.459	0.597	0.616	0.457
Construction	0.788	0.806	0.830	0.856	0.866	0.863	0.892	0.926	0.969	1.000	1.042	1.088
Compensation of employees	0.523	0.537	0.556	0.587	0.596	0.586	0.594	0.614	0.645	0.658	0.690	0.726
Indirect business tax and nontax liability	0.015	0.016	0.016	0.017	0.019	0.020	0.021	0.022	0.023	0.023	0.024	0.025
Property-type income	0.250	0.254	0.257	0.252	0.251	0.257	0.276	0.290	0.301	0.319	0.328	0.338
Manufacturing	0.849	0.875	0.916	0.944	0.979	0.997	1.008	1.014	1.003	1.000	0.994	0.989
Compensation of employees	0.583	0.581	0.606	0.626	0.653	0.669	0.672	0.658	0.633	0.625	0.626	0.632
Indirect business tax and nontax liability	0.029	0.029	0.031	0.033	0.038	0.040	0.040	0.038	0.037	0.038	0.036	0.037
Property-type income	0.237	0.265	0.279	0.285	0.287	0.288	0.296	0.318	0.333	0.338	0.332	0.320
Durable goods	0.955	0.956	0.988	1.002	1.029	1.044	1.054	1.057	1.021	1.000	0.974	0.929
Compensation of employees	0.709	0.693	0.718	0.732	0.761	0.776	0.767	0.744	0.705	0.679	0.659	0.633
Indirect business tax and nontax liability	0.021	0.021	0.022	0.023	0.026	0.027	0.026	0.026	0.024	0.025	0.024	0.022
Property-type income	0.225	0.242	0.249	0.247	0.242	0.242	0.260	0.287	0.292	0.296	0.292	0.274
Nondurable goods	0.726	0.778	0.828	0.873	0.916	0.938	0.949	0.960	0.980	1.000	1.022	1.080
Compensation of employees	0.441	0.451	0.477	0.504	0.529	0.547	0.560	0.553	0.542	0.554	0.579	0.624
Indirect business tax and nontax liability	0.038	0.038	0.040	0.043	0.052	0.054	0.055	0.053	0.053	0.054	0.055	0.062
Property-type income	0.247	0.289	0.311	0.326	0.335	0.337	0.335	0.354	0.385	0.392	0.389	0.394
Transportation and public utilities	0.926	0.937	0.937	0.935	0.954	0.969	0.995	1.009	1.013	1.000	1.019	1.046
Compensation of employees	0.417	0.418	0.417	0.422	0.422	0.431	0.434	0.441	0.434	0.428	0.431	0.444
Indirect business tax and nontax liability	0.088	0.090	0.092	0.094	0.099	0.102	0.103	0.103	0.103	0.098	0.098	0.101
Property-type income	0.421	0.429	0.428	0.419	0.433	0.436	0.457	0.464	0.476	0.474	0.490	0.500
Wholesale trade	0.874	0.914	0.914	0.952	0.950	0.932	0.956	0.995	1.036	1.000	0.971	0.924
Compensation of employees	0.513	0.524	0.534	0.564	0.545	0.537	0.541	0.541	0.571	0.545	0.526	0.505
Indirect business tax and nontax liability	0.190	0.197	0.197	0.207	0.217	0.213	0.223	0.236	0.240	0.224	0.208	0.191
Property-type income	0.171	0.192	0.182	0.182	0.187	0.181	0.192	0.218	0.225	0.230	0.237	0.228
Retail trade	0.848	0.847	0.876	0.908	0.944	0.968	0.993	1.005	1.008	1.000	0.993	0.983
Compensation of employees	0.513	0.516	0.525	0.551	0.569	0.584	0.590	0.589	0.596	0.580	0.568	0.561
Indirect business tax and nontax liability	0.146	0.144	0.149	0.158	0.165	0.172	0.179	0.183	0.188	0.185	0.181	0.178
Property-type income	0.189	0.187	0.201	0.198	0.210	0.213	0.224	0.234	0.225	0.235	0.244	0.244
Finance, insurance and real estate	0.710	0.739	0.773	0.808	0.844	0.879	0.907	0.931	0.967	1.000	1.034	1.042
Compensation of employees	0.175	0.183	0.186	0.195	0.199	0.212	0.226	0.231	0.232	0.245	0.253	0.265
Indirect business tax and nontax liability	0.099	0.100	0.106	0.112	0.120	0.124	0.128	0.130	0.127	0.129	0.128	0.124
Property-type income	0.436	0.456	0.481	0.501	0.524	0.543	0.553	0.570	0.609	0.626	0.653	0.652
Services	0.669	0.707	0.743	0.787	0.831	0.876	0.908	0.936	0.968	1.000	1.035	1.078
Compensation of employees	0.467	0.488	0.515	0.552	0.585	0.618	0.646	0.666	0.696	0.718	0.744	0.779
Indirect business tax and nontax liability	0.018	0.019	0.020	0.021	0.023	0.024	0.026	0.028	0.029	0.030	0.031	0.031
Property-type income	0.184	0.200	0.208	0.214	0.224	0.234	0.235	0.242	0.243	0.252	0.260	0.268

NOTE.—Current-dollar cost per unit of real gross product originating equals the GPO price index divided by 100.

Foreign Direct Investment in the United States

New Investment in 1999

By Ned G. Howenstine and Rosaria Troia

The data presented in this article were drawn from BEA's survey of new foreign direct investment in the United States. The survey was conducted under the supervision of Dorrett E. Williams, with contributions by Constance T. Deve, Erik A. Kasari, Edward J. Kozerka, Ronald L. McNeil, and Inez M. Malson. Karen E. Poffel programmed the tables.

OUTLAYS by foreign direct investors to acquire or establish businesses in the United States increased 31 percent to a record $282.9 billion in 1999 after tripling to $215.3 billion in 1998 (table 1 and chart 1).[1] Large investments in telecommunications, communications equipment manufacturing, and insurance tilted the industry composition of the foreign investments in 1999 toward some of the more rapidly growing and more technologically advanced segments of the U.S. economy. The increases in both 1998 and 1999 partly reflected sharp increases in investments by British investors, whose outlays in both years (as in most recent years) were larger than those of any other country. Outlays in both 1999 and 1998 were much higher than those in earlier years, when they never exceeded $80.0 billion. The exceptionally high outlays in the last 2 years reflect a worldwide boom in merger and acquisition activity, the continuing strength of the U.S. economy, and the increasing number and size of large investments.[2] In both years, investments of $2 billion or more accounted for about 70 percent of total outlays (table 2). In contrast, in the previous 6 years, large investments had never accounted for more than 30 percent of total outlays.

Several of the largest investments in 1999 were the acquisitions of companies in communications-related industries, where deregulation and rapid technological change have spurred growth and provided incentives for business combinations. In 1999, foreign firms acquired several ma-

1. The 1999 estimates are preliminary. The 1998 estimate of total outlays has been revised up 7 percent from the preliminary estimate that was published in Mahnaz Fahim-Nader, "Foreign Direct Investment in the United States: New Investment in 1998," SURVEY OF CURRENT BUSINESS 79 (June 1999): 16–23. For information on the coverage of the estimates, see the "Technical Note."

2. Estimates of total worldwide and U.S. merger and acquisition activity were reported by Thompson Financial Securities Data in a news release on January 5, 2000.
In addition to new investment in the United States, the effects of the worldwide boom in merger and acquisition activity was evident in strong growth in U.S. direct investment abroad in both 1998 and 1999; see Christopher L. Bach, "U.S. International Transactions, Fourth Quarter and Year 1999," SURVEY 80 (April 2000): 146–192.

Table 1.—Investment Outlays by Type of Investment and Investor, 1992–99

[Millions of dollars]

	1992	1993	1994	1995	1996	1997	1998 r	1999 p
Total outlays	**15,333**	**26,229**	**45,626**	**57,195**	**79,929**	**69,708**	**215,256**	**282,946**
By type of investment:								
U.S. businesses acquired	10,616	21,761	38,753	47,179	68,733	60,733	182,357	276,489
U.S. businesses established	4,718	4,468	6,873	10,016	11,196	8,974	32,899	6,457
By type of investor:								
Foreign direct investors	4,058	6,720	13,628	11,927	32,230	13,899	120,828	128,569
U.S. affiliates	11,275	19,509	31,999	45,268	47,699	55,809	94,428	154,377

p Preliminary.
r Revised.

Table 2.—Distribution of Investment Outlays by Size, 1992–99

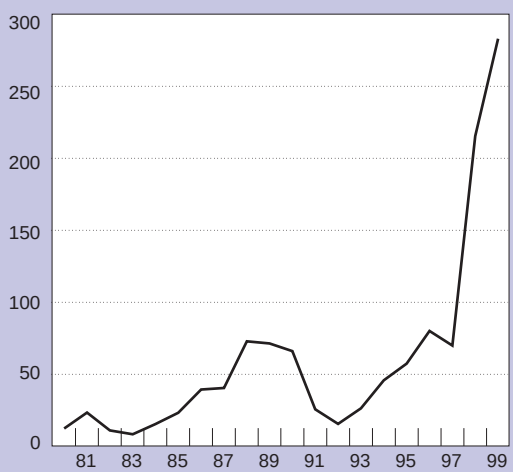
[Percent]

	1992	1993	1994	1995	1996	1997	1998 r	1999 p
Total outlays	**100**	**100**	**100**	**100**	**100**	**100**	**100**	**100**
$5 billion or more	0	0	0	(D)	0	0	55	53
$2 billion – $4.9 billion	0	(D)	27	18	29	12	11	16
$100 million – $1.9 billion	42	51	51	48	55	67	27	26
Less than $100 million	58	(D)	22	(D)	16	21	7	5

D Suppressed to avoid disclosure of data of individual companies.
p Preliminary.
r Revised.

CHART 1

Outlays for New Investment in the United States by Foreign Direct Investors, 1980–99



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

jor U.S. companies that were involved in a range of activities, including telecommunications services, Internet-based information services, and manufacturing of fiber optic, Internet, and other communications equipment.

Foreign investors also acquired a number of large U.S. insurance companies, reflecting the recent pattern of mergers and consolidations among large finance and insurance companies. The largest acquisitions were of life insurance companies.

In 1999, as in 1998, several of the largest acquisitions involved exchanges of stock. In these exchanges, the shareholders in the acquired U.S. companies received stock in the foreign parent companies as partial or total payment for the acquisitions.

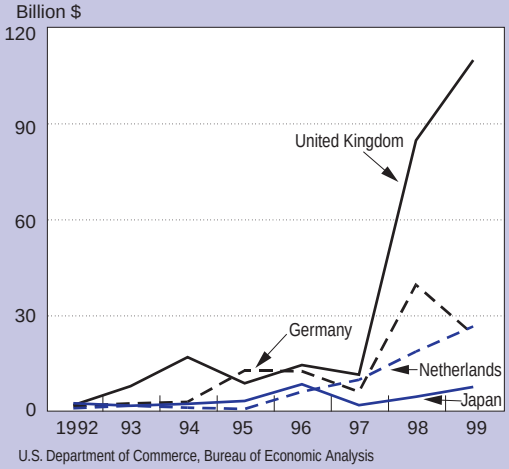
Overall, outlays to acquire existing U.S. companies rather than to establish new U.S. companies accounted for $276.5 billion, or 98 percent of total outlays in 1999, well above the 82-percent average for the preceding 5 years (table 1). Over half of the outlays were made by existing U.S. affiliates ($154.3 billion) rather than by foreign direct investors themselves ($128.6 billion); however, some of the outlays by existing affiliates were financed with funds provided to them by their foreign parents (outlays by source of funding is discussed later in the article).

By industry, outlays increased sharply in information, particularly in telecommunications, in finance (except depository institutions) and insurance, and in depository institutions (table 3A). Outlays decreased sharply in manufacturing, primarily because total outlays for 1998 included exceptionally large investments in petroleum and coal products manufacturing and in motor vehicle manufacturing. Within manufacturing, outlays in 1999 were substantial in computers and electronic products, particularly in semiconductors and other electronic components and in communications equipment.

The 1998 and 1999 estimates by industry reflect two changes in industry classification. First, the estimates are based on classifications derived from the new North American Industry Classification System (NAICS); the estimates for the preceding years are based on classifications derived from the Standard Industrial Classification (SIC) system. Second, petroleum is no longer treated as a separate major industry; instead, the various petroleum-related activities are distributed among the major NAICS industry groups to which they belong. (For more information, see the box "New Industry Classifications" on page 57.)

CHART 2

Outlays for New Investment in the United States by Foreign Direct Investors from Selected Countries, 1992–99



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

Key Terms

Foreign direct investment in the United States is ownership or control, directly or indirectly, by one foreign person of 10 percent or more of the voting securities of an incorporated U.S. business enterprise or an equivalent interest in an unincorporated U.S. business enterprise. A *U.S. affiliate* is a U.S. business in which there is foreign direct investment.

A "*person*" is any individual, corporation, branch, partnership, associated group, association, estate, trust, or other organization, and any government (including any corporation, institution, or other entity or instrumentality of a government). A "*foreign person*" is a person who resides outside the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and all U.S. territories and possessions.

The *ultimate beneficial owner (UBO)* is that person, proceeding up a U.S. affiliate's ownership chain, beginning with and including the foreign parent, that is not owned more than 50 percent by another person. The foreign parent is the first foreign person in the affiliate's ownership chain. Unlike the foreign parent, the UBO of an affiliate may be located in the United States. The UBO of each U.S. affiliate is identified to ascertain the person that ultimately owns or controls the U.S. affiliate and that therefore ultimately derives the benefits from ownership or control.

To help assess the impact of these changes, estimates for 1998 are presented on both the new basis (table 3A) and the old basis (table 3B). The share of total outlays accounted for by manufacturing in 1998 is much larger in table 3A than in table 3B because petroleum and coal products manufacturing is classified in manufacturing in table 3A but in the special industry group "petroleum" in table 3B. Because investment in petroleum and coal product manufacturing was insignificant in 1999, the change in the treatment of petroleum-related activities has virtually no effect on the total for manufacturing for that year.

By country of ultimate beneficial owner (UBO), investors in Europe—mainly the United Kingdom and France—accounted for most of the increase in outlays in 1999; European investors accounted for more that 70 percent of total outlays in both 1998 and 1999 (table 4). Outlays by British investors were much higher than those of any other country in both years and by themselves accounted for nearly 40 percent of total outlays (chart 2). Outlays by investors in "Latin America and Other Western Hemisphere"—mainly Bermuda—and in "Asia and Pacific"—mainly Japan—also increased in 1999, but these areas accounted for only 12 percent and 4 percent, respectively, of total outlays.[3] Outlays by Japanese investors increased to $8.0 billion in 1999 from $4.8 billion in 1998, but they remained well below the 1990 peak of $19.9 billion.

Outlays financed by funds supplied by new or existing foreign parents rather than by existing U.S. affiliates increased to $226.9 billion in 1999 from $159.4 billion in 1998. These outlays are part of overall capital inflows for foreign direct investment in the United States (FDIUS) as recorded in the financial account of the U.S. international transactions accounts: In 1999, they contributed to the sharp overall increase in FDIUS capital inflows.[4] Outlays financed by existing U.S. affiliates with funds from U.S. sources or from foreign sources other than the foreign parent increased slightly, to $56.0 billion from $55.6 billion in 1998.

U.S. businesses that were newly acquired or established by foreign investors in 1999 had total assets of $454.4 billion, compared with $274.3 billion for those acquired or established in 1998 (table 5). They employed 648,000 people, up from 625,000. The largest shares of employment were accounted for by businesses in manufacturing (particularly computers and electronic products) and "other industries" (particularly transportation and warehousing; administration, support, and waste management; and accommodation and food services).

3. In the table, Bermuda is included in "Other Western Hemisphere." For some investments, a Bermuda UBO is, in turn, owned by residents of other countries, but because the ownership is highly dispersed and because no single person owns more than 50 percent of it, the designation of the country of UBO remains with Bermuda (see the definition of ultimate beneficial owner in the box "Key Terms").

4. In addition to outlays from foreign parents to acquire or establish U.S. affiliates, capital inflows for FDIUS include foreign parents' financing of their existing U.S. affiliates. In 1999, capital inflows increased $89.1 billion, to $282.5 billion. Of the components of total direct investment capital inflows—equity capital, reinvested earnings, and intercompany debt—changes in equity capital inflows tend to most closely reflect the changes in new foreign investment; in 1999, equity capital inflows increased $61.6 billion, to $215.8 billion. Because some of the largest investments in 1999 were structured as exchanges of stock, the equity capital inflows for FDIUS were partly offset in the U.S. international transactions accounts by outflows that reflected increases in the U.S. holdings of foreign securities. The preliminary estimates of inflows were published in Bach, "U.S. International Transactions," 174, 181, and 186–191. Revised estimates will be published in the July issue of the SURVEY.

Table 3A.—Investment Outlays by NAICS-Based Industry of U.S. Business Enterprise, 1998–99

[Millions of dollars]

	1998 r	1999 p
All industries	**215,256**	**282,946**
Manufacturing	149,243	74,195
Food	1,286	869
Beverages and tobacco products	442	1,501
Petroleum and coal products	67,658	(D)
Chemicals	3,627	5,425
Plastics and rubber products	1,434	3,682
Nonmetallic mineral products	900	2,233
Primary metals	2,454	1,751
Fabricated metal products	532	1,196
Machinery	5,220	14,900
Computers and electronic products	17,861	32,376
Electrical equipment, appliances, and components	136	4,415
Transportation equipment	37,177	2,736
Other	10,516	(D)
Wholesale trade	3,321	1,030
Retail trade	1,153	4,564
Information	13,399	93,475
Publishing industries	9,856	(D)
Motion pictures and sound recording industries	36	3
Broadcasting and telecommunications	2,841	80,073
Information services and data processing services	667	(D)
Depository institutions	1,563	11,845
Finance, (except depository institutions) and insurance	21,057	47,023
Real estate and rental and leasing	6,299	5,689
Professional, scientific, and technical services	4,289	11,355
Other industries	14,932	33,771

D Suppressed to avoid disclosure of data of individual companies.
p Preliminary.
r Revised.
NAICS North American Industry Classification System

Table 3B.—Investment Outlays by SIC-Based Industry of U.S. Business Enterprise, 1992–98

[Millions of dollars]

	1992	1993	1994	1995	1996	1997	1998 r
All industries	**15,333**	**26,229**	**45,626**	**57,195**	**79,929**	**69,708**	**215,256**
Petroleum	463	882	469	1,520	1,059	762	(D)
Manufacturing	6,014	11,090	21,218	26,643	27,835	19,603	89,739
Food and kindred products	404	1,294	4,567	3,802	1,145	1,949	1,728
Chemicals and allied products	1,644	5,035	6,905	12,511	3,961	4,539	3,604
Primary and fabricated metals	1,187	1,297	1,485	547	3,222	1,327	2,978
Machinery	1,002	1,778	1,867	4,489	4,355	4,788	21,495
Other manufacturing	1,778	1,686	6,393	5,293	15,151	7,000	59,934
Wholesale trade	698	837	2,156	1,168	4,746	2,612	3,266
Retail trade	256	1,495	1,542	2,838	2,988	435	1,938
Depository institutions	529	958	2,026	2,301	1,944	3,547	1,563
Finance, except depository institutions	797	1,599	2,195	7,837	8,676	7,019	16,607
Insurance	291	1,105	450	654	4,688	8,526	4,709
Real estate	2,161	1,883	2,647	2,996	4,175	4,119	6,144
Services	2,023	4,162	7,163	5,881	15,292	12,187	10,099
Other industries	2,101	2,218	5,760	5,359	8,528	10,898	(D)

D Suppressed to avoid disclosure of data of individual companies.
r Revised.
SIC Standard Industrial Classification

Table 4.—Investment Outlays by Country of Ultimate Beneficial Owner, 1992–99 [1]

[Millions of dollars]

	1992	1993	1994	1995	1996	1997	1998 r	1999 p
All countries	**15,333**	**26,229**	**45,626**	**57,195**	**79,929**	**69,708**	**215,256**	**282,946**
Canada	1,351	3,797	4,128	8,029	9,700	11,755	22,635	11,388
Europe	8,344	16,845	31,920	38,195	49,427	44,014	170,173	205,150
France	406	1,249	1,404	1,129	6,021	2,578	14,493	24,579
Germany	1,964	2,841	3,328	13,117	12,858	6,464	39,873	24,393
Netherlands	1,331	2,074	1,537	1,061	6,476	10,244	19,009	26,896
Switzerland	1,259	804	5,044	7,533	4,910	6,745	4,525	7,119
United Kingdom	2,255	8,238	17,261	9,094	14,757	11,834	84,995	110,115
Other Europe	1,129	1,639	3,346	6,261	4,405	6,149	7,278	12,048
Latin America and Other Western Hemisphere	1,438	874	1,352	1,550	1,790	924	11,354	34,013
South and Central America	1,152	527	(D)	1,283	(D)	166	920	1,377
Other Western Hemisphere	286	347	(D)	267	(D)	758	10,433	32,636
Africa	(D)	(D)	(D)	(D)	(D)	(D)	212	(D)
Middle East	238	1,308	(D)	447	(D)	847	2,810	546
Asia and Pacific	3,716	3,004	5,263	8,688	12,751	11,786	7,329	11,502
Australia	164	129	1,522	2,270	2,222	7,600	(D)	(D)
Japan	2,921	2,065	2,715	3,602	8,813	2,326	4,862	8,048
Other Asia and Pacific	631	810	1,026	2,816	1,716	1,860	(D)	(D)
United States [2]	(D)	(D)	201	(D)	(D)	(D)	743	(D)

D Suppressed to avoid disclosure of data of individual companies.
p Preliminary.
r Revised.
1. For investments in which more than one investor participated, each investor and each investor's outlays are classified by country of each ultimate beneficial owner.
2. The United States is shown as the country of ultimate beneficial owner for businesses newly acquired or established by foreign investors that are, in turn, ultimately owned by persons located in the United States (see the box "Key Terms").

Technical Note

The estimates of new foreign direct investments cover U.S. business enterprises that were acquired or established by foreign direct investors during the year and that filed full or partial reports on the survey that the Bureau of Economic Analysis (BEA) used to collect the data. For the survey, a U.S. business enterprise is categorized as "established" if the foreign parent or its existing U.S. affiliate creates a new legal entity that is organized and begins operating as a new U.S. business enterprise or directly purchases U.S. real estate.[5] A U.S. business enterprise is categorized as "acquired" if the foreign parent or its existing U.S. affiliate obtains a voting equity interest of 10 percent or more in an existing U.S. business enterprise and contin-

5. The number of new U.S. companies established is not equivalent to the number of "greenfield" investments, which typically refers to the construction of new plants or other business facilities. First, direct purchases of U.S. real estate—which often involve purchases of existing office buildings, hotels, retail stores, shopping centers, or other commercial property—are included in the "established" measure but are not considered to be "greenfield" investments. Second, new plants that are built by existing U.S. affiliates are considered "greenfield" investments, but they are included in the "established" measure only if the new plants are set up as separate legal entities.

Data on Foreign Direct Investment in the United States

In addition to the data on new foreign direct investments presented in this article, BEA collects and publishes two other broad sets of data on foreign direct investment in the United States (FDIUS): Financial and operating data of U.S. affiliates, and balance-of-payments and direct-investment-position data. The financial and operating data were most recently published in "Foreign Direct Investment in the United States: Preliminary Results From the 1997 Benchmark Survey" in the August 1999 SURVEY; that article includes a detailed description of the three types of FDIUS data. The balance-of-payments and direct-investment-position data were published in "The International Investment Position of the United States at Yearend 1998" and "Direct Investment Positions for 1998: Country and Industry Detail" in the July 1999 issue; "Foreign Direct Investment in the United States: Detail for Historical Cost Position and Related Capital and Income Flows, 1998" in the September 1999 issue; and "U.S. International Transactions, Fourth Quarter and Year 1999," in the April 2000 issue.

Table 5.—Selected Operating Data of U.S. Business Enterprises Acquired or Established, by NAICS-Based Industry of U.S. Business Enterprise, 1998–99

	1998 r					1999 p				
	Millions of dollars			Thousands of employees	Number of hectares of land owned [1]	Millions of dollars			Thousands of employees	Number of hectares of land owned [1]
	Total assets	Sales	Net income			Total assets	Sales	Net income		
All industries	**274,349**	**164,904**	**4,623**	**624.6**	**134,953**	**454,394**	**130,610**	**2,573**	**647.8**	**249,567**
Manufacturing	133,693	120,184	3,605	288.0	76,013	70,342	41,718	299	211.1	64,889
Wholesale trade	4,445	7,731	180	12.2	172	1,660	4,039	–23	11.6	(D)
Retail trade	1,355	2,443	66	14.4	64	5,317	14,150	20	91.5	(D)
Information	15,599	6,398	–473	30.7	122	39,674	11,857	89	49.1	47
Depository institutions	11,382	1,035	69	H	43	119,832	10,877	20	12.6	(D)
Finance (except depository institutions) and insurance	72,579	8,005	971	14.1	283	166,239	15,480	1,975	30.2	1,044
Real estate and rental and leasing	14,269	1,596	375	H	7,789	7,056	1,411	124	6.0	3,456
Professional, scientific, and technical services	6,389	3,467	–385	31.3	317	5,360	5,078	–313	35.8	(D)
Other industries	14,618	14,044	215	225.7	48,166	38,915	26,000	381	199.9	158,030

D Suppressed to avoid disclosure of data of individual companies.
p Preliminary.
r Revised.
1. One hectare equals 2.471 acres. Thus, for all industries, the number of acres of land owned in 1998 and 1999 were 333,469 and 616,680, respectively.
NOTES.—For newly acquired businesses, data cover the most recently completed financial reporting year. For newly established businesses, data are projections for the first full year of operations.
Size ranges are given in employment cells that are suppressed. The size ranges are: A—1 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999; M—100,000 or more.
NAICS North American Industry Classification System

ues to operate it as a separate legal entity or purchases a business segment or an operating unit of an existing U.S. business and organizes it as a new separate legal entity. A U.S. business is also categorized as "acquired" if an existing U.S. affiliate purchases a U.S. business, a segment of a U.S. business, or an operating unit of a U.S. business and merges it into its own operations.

These estimates do not cover the acquisition of additional equity in an existing U.S. affiliate, the acquisition of an existing U.S. affiliate by one foreign investor from another, or the expansion in the operations of existing U.S. affiliates. Selloffs or other disinvestments are not netted against the new investments. (See the box "Data on Foreign Direct Investment in the United States" for references to other BEA data with broader coverage.)

Beginning in 1998, U.S. businesses that are acquired or established by foreign direct investors and that have total assets of more than $3 million or that own 200 or more acres of U.S. land are required to file full reports with BEA.[6] In order to reduce reporting burden, smaller U.S. businesses—those having total assets of $3 million or less and owning less than 200 acres of U.S. land—that are acquired or established by foreigners are required to file partial reports, which are much shorter than full reports.[7]

To provide the most comprehensive aggregate values for all the partial reports it receives, BEA estimates the items that are only on the full report and adds the estimated and reported data for the partial reports to the data for the full reports. Because the businesses that file partial reports are so small, their estimated and reported values have a negligible impact on the published aggregates. For example, in 1998, the total assets of U.S. businesses that filed partial reports were $405.1 million, less than 0.2 percent of the $274.3 billion of total assets for all investments.

Although the values for partial reports are negligible, their numbers are significant. For example, BEA received 1,222 partial reports in 1998, compared with 927 full reports. Furthermore, the number of businesses that are subject to partial reporting may be much higher than the number of partial reports BEA actually received, because not all of the smaller U.S. businesses acquired or established by foreigners in 1998 filed reports. BEA makes every effort to contact all U.S. businesses that may have been newly acquired or established by foreigners, but it must concentrate its limited

6. Prior to 1998, full reports were required of U.S. businesses that had total assets of more than $1 million or that owned 200 or more acres of U.S. land.

7. Copies of the full report (BE–13) and the partial report (BE–13, Supplement C) may be found on BEA's Web site at <www.bea.doc.gov/bea/surveys.htm>.

New Industry Classifications

The 1998 and 1999 estimates of new foreign direct investments in the United States by industry reflect two changes in industry classification. First, the estimates are based on new classifications derived from the 1997 North American Industry Classification System (NAICS). The estimates for preceding years are based on classifications derived from the 1987 Standard Industrial Classification (SIC) system.[1] Second, petroleum is no longer treated as a separate major industry; instead, businesses engaged in the various petroleum-related activities are distributed among the NAICS industry groups or sectors that reflect their primary activity.

The NAICS is the new industry classification system of the United States, Canada, and Mexico; in the United States, it supplants the 1987 SIC. Among other improvements, NAICS better reflects new and emerging industries, industries involved in the production of advanced technologies, and the growth and diversification of services industries. The new NAICS-based classifications were first used to collect data on direct investment in the United States in the 1997 benchmark survey of foreign direct investment in the United States.[2]

The various petroleum subindustries are no longer grouped in the major industry group "petroleum." Instead, beginning with the 1998 estimates, these subindustries are spread among the NAICS industry groups; for example, oil and gas extraction is now included in mining, petroleum refining and integrated petroleum extraction and refining are in manufacturing, and gasoline stations are in retail trade. For earlier years, petroleum is shown as a separate major industry group because petroleum-related activities accounted for a major portion of all direct investment activity; however, their relative importance has declined significantly in recent years. Accordingly, the industry presentation of the direct investment data has been changed to bring it into conformity with that used for most other data on the U.S. economy.

1. Office of Management and Budget, *North American Industry Classification System: United States, 1997* (Lanham, MD: Bernan Press, 1998) and Office of Management of Budget, *Standard Industrial Classification Manual, 1987* (Washington, DC: U.S. Government Printing Office, 1987). See also <www.ntis.gov/product/naics.htm>.

2. For additional information, see the box "New Industry Classifications" in William J. Zeile, "Foreign Direct Investment in the United States: Preliminary Results From the 1997 Benchmark Survey" SURVEY 79 (August 1999): 24, and the *Guide to Industry and Foreign Trade Classifications for International Surveys* at <www.bea.doc.gov/bea/surveys/be799.pdf>.

resources on ensuring compliance with reporting requirements by larger businesses.

Of the 927 full reports filed in 1998, 572 were for investments to acquire U.S. businesses, and 355 were for investments to establish new U.S. businesses. For 1999, BEA estimates that 825 businesses will have filed full reports by the time the revised estimates are published next year.[8]

The number of full reports by size of outlay is shown in the table below. As is usually the case for the preliminary estimates, reports covering virtually all of the largest investments have already been filed for 1999. Accordingly, among the four size classes shown, the numbers shown for 1999 for the three largest classes represent the number of reports actually received; the number shown for investments of less than $100 million includes an estimate for 1999 of the number of late reports that will be received before the revised estimates are published.

	1998	1999
Total	927	825
$5 billion or more	6	9
$2 billion—$4.9 billion	8	15
$100 million—$1.9 billion	154	159
Less than $100 million	759	642

The number of new investments for 1998 and 1999 is not comparable with the number of new investments for 1980–97, because the asset criterion for filing full reports was raised from $1 million in 1980–97 to $3 million in 1998. The incomparability affects only the total number and the number in the smallest size class. In addition, prior to 1998, the values for new investments do not include estimated values for partial reports. Because these estimated values would have been negligible, the previously published values for 1980–97 are reasonably comparable with those for 1998 and 1999.

Tables 6 and 7 follow.

8. Each year, after the preliminary estimates are published, BEA continues to receive survey reports. To make the preliminary estimates as accurate as possible, BEA augments the reported data with estimates for late reports. An estimate is made for each of the data items collected in the survey, and these estimates cover both full and partial reports. BEA also estimates the number of full reports, but not the number of partial reports because this number may fluctuate significantly from year to year.

Data Availability

Summary estimates of the outlays by foreign direct investors to acquire or establish businesses in the United States are presented in this article.

Detailed estimates on the number of investments and investors for 1998 and on investment outlays and selected operating data for the newly acquired or established businesses for 1998 and 1999 will be available as compressed text files on BEA's Web site at <www.bea.doc.gov>. (Detailed estimates for 1980–91 and 1992–97 are currently available at this site.) The availability of the 1998 and 1999 estimates will be announced on the inside back cover of the SURVEY OF CURRENT BUSINESS and on the "What's New?" page in the Catalog of Products at the site.

The detailed estimates for 1998 and 1999 will also be available on diskette. Diskettes containing the detailed estimates for 1980–91 and 1992–97 are currently available; to order call the BEA Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666) and specify product number IDN–0235 for the 1992–97 estimates and product number IDN–0078 for the 1980–91 estimates.

Table 6.—Investment Outlays by Type of Investment and Investor, by NAICS-Based Industry of U.S. Business Enterprise 1998–99

[Millions of dollars]

	1998 r					1999 p				
	Total	By type of investment		By type of investor		Total	By type of investment		By type of investor	
		U.S. businesses acquired	U.S. businesses established	Foreign direct investors	U.S. affiliates		U.S. businesses acquired	U.S. businesses established	Foreign direct investors	U.S. affiliates
All industries	**215,256**	**182,357**	**32,899**	**120,828**	**94,428**	**282,946**	**276,489**	**6,457**	**128,569**	**154,377**
Manufacturing	**149,243**	**136,005**	**13,237**	**109,880**	**39,363**	**74,195**	**73,794**	**401**	**15,065**	**59,130**
Food	1,286	1,199	87	75	1,211	869	(D)	(D)	0	869
Beverages and tobacco	442	(D)	(D)	(D)	(D)	1,501	1,501	(*)	(D)	(D)
Textiles, apparel, and leather products	594	594	0	(D)	(D)	(D)	(D)	8	(D)	(D)
Wood products	(D)	(D)	5	(*)	(D)	(D)	(D)	0	0	(D)
Paper	3,572	(D)	(D)	168	3,404	188	188	0	(*)	188
Printing and related support activities	1,022	(D)	(D)	(D)	(D)	1,773	1,773	0	(D)	(D)
Petroleum and coal products	67,658	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Chemicals	3,627	3,472	154	1,406	2,220	5,425	(D)	(D)	470	4,955
Basic chemicals	673	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Resins and synthetic rubber, fibers and filaments	(D)	(D)	0	(D)	(D)	(D)	0	(D)	0	(D)
Pharmaceuticals and medicines	1,489	(D)	(D)	(D)	(D)	85	85	0	(D)	(D)
Soap, cleaning compounds, and toilet preparations	(D)	(D)	(*)	(D)	(D)	(D)	0	(D)	0	(D)
Other	829	828	1	5	823	731	731	0	(D)	(D)
Plastics and rubber products	1,434	1,426	8	19	1,415	3,682	(D)	(D)	(D)	(D)
Nonmetallic mineral products	900	(D)	(D)	4	896	2,233	2,233	0	(D)	(D)
Primary and fabricated metals	2,986	(D)	(D)	130	2,856	2,948	2,944	4	(D)	(D)
Primary metals	2,454	(D)	(D)	16	2,437	1,751	1,747	4	(D)	(D)
Fabricated metal products	532	524	8	113	419	1,196	1,196	0	(D)	(D)
Machinery	5,220	(D)	(D)	317	4,903	14,900	14,900	0	(D)	(D)
Agriculture, construction, and mining machinery	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)
Industrial machinery	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	0
Other	(D)	(D)	(D)	(D)	(D)	9,894	9,894	0	(D)	(D)
Computers and electronic products	17,861	(D)	(D)	(D)	(D)	32,376	32,376	0	4,792	27,584
Computer and peripheral equipment	(D)	(D)	(D)	(D)	226	258	258	0	3	255
Communications equipment	5,238	5,238	0	(D)	(D)	7,944	7,944	0	(D)	(D)
Audio and video equipment	5	1	4	4	1	(D)	(D)	0	0	(D)
Semiconductors and other electronic components	1,848	1,847	1	90	1,759	22,032	22,032	0	(D)	(D)
Navigational, measuring, and other instruments	1,775	(D)	(D)	(D)	(D)	2,005	2,005	0	1,277	728
Magnetic and optical media	(D)	(D)	0	1	(D)	(D)	(D)	0	(D)	(D)
Electrical equipment, appliances, and components	136	(D)	(D)	(D)	(D)	4,415	4,415	0	2	4,413
Transportation equipment	37,177	37,080	96	33,606	3,570	2,736	(D)	(D)	(D)	(D)
Motor vehicles, bodies and trailers, and parts	36,695	36,600	95	(D)	(D)	2,322	(D)	(D)	(D)	(D)
Other	482	480	1	(D)	(D)	414	414	(*)	0	414
Furniture and related products	(D)	(D)	2	2	(D)	0	0	0	0	0
Miscellaneous manufacturing	5,246	5,245	(*)	(D)	(D)	889	889	0	(D)	(D)
Wholesale trade	**3,321**	**2,577**	**744**	(D)	(D)	**1,030**	(D)	(D)	(D)	(D)
Motor vehicles and motor vehicle parts and supplies	7	7	(*)	(*)	7	0	0	0	0	0
Professional and commercial equipment and supplies	168	(D)	(D)	(D)	(D)	304	304	0	(D)	(D)
Electrical goods	0	0	0	0	0	(D)	(D)	0	(D)	(D)
Other durable goods	531	471	61	35	497	(D)	(D)	(D)	(D)	(D)
Petroleum and petroleum products	55	(D)	(D)	(D)	(D)	0	0	0	0	0
Other nondurable goods	2,559	1,895	665	634	1,925	415	414	2	0	415
Retail trade	**1,153**	(D)	(D)	(D)	(D)	**4,564**	**4,564**	**0**	**114**	**4,450**
Food and beverage stores	(D)	(D)	0	0	(D)	0	0	0	0	0
Other	(D)	(D)	(D)	(D)	(D)	4,564	4,564	0	114	4,450
Information	**13,399**	(D)	(D)	**3,194**	**10,205**	**93,475**	**93,168**	**306**	**79,133**	**14,342**
Publishing industries	9,856	9,854	1	782	9,074	(D)	(D)	0	(D)	8,711
Motion pictures and sound recording industries	36	36	(*)	9	27	3	0	3	0	3
Broadcasting and telecommunications	2,841	2,837	4	(D)	(D)	80,073	(D)	(D)	(D)	(D)
Broadcasting, cable networks, and program distribution	(D)	(D)	0	0	(D)	3,586	3,586	0	(D)	(D)
Telecommunications	(D)	(D)	4	(D)	(D)	76,487	(D)	(D)	(D)	(D)
Information services and data processing services	667	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Depository institutions	**1,563**	(D)	(D)	(D)	(D)	**11,845**	(D)	(D)	(D)	(D)
Finance, (except depository institutions) and insurance	**21,057**	**7,667**	**13,390**	**1,417**	**19,640**	**47,023**	**46,017**	**1,006**	**7,227**	**39,796**
Finance, except depository institutions	16,348	(D)	(D)	1,368	14,979	4,129	3,123	1,006	2,329	1,799
Insurance carriers and related activities	4,709	(D)	(D)	48	4,661	42,894	42,894	0	4,898	37,996
Real estate and rental and leasing	**6,299**	**1,790**	**4,509**	**1,515**	**4,784**	**5,689**	**1,344**	**4,345**	**1,072**	**4,617**
Real estate	6,144	(D)	(D)	(D)	(D)	(D)	(D)	4,345	(D)	(D)
Rental and leasing (except real estate)	155	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)
Professional, scientific, and technical services	**4,289**	**4,240**	**50**	**1,027**	**3,263**	**11,355**	**11,282**	**73**	**4,338**	**7,018**
Architectural, engineering, and related services	104	104	0	(D)	(D)	(D)	(D)	0	(D)	21
Computer systems design and related services	2,217	2,214	3	(D)	(D)	8,896	(D)	(D)	2,689	6,207
Management, scientific, and technical consulting	15	(D)	(D)	5	10	(D)	(D)	0	0	(D)
Other	1,953	(D)	(D)	724	1,229	682	(D)	(D)	(D)	(D)
Other industries	**14,932**	**14,225**	**707**	**1,460**	**13,472**	**33,771**	**33,464**	**307**	**21,474**	**12,296**
Agriculture, forestry, fishing, and hunting	(D)	(D)	8	(D)	10	103	101	1	(D)	(D)
Mining	906	906	(*)	(D)	(D)	2,344	(D)	(D)	(D)	(D)
Utilities	4,372	(D)	(D)	20	4,352	15,937	(D)	(D)	(D)	(D)
Construction	475	(D)	(D)	4	471	1,955	1,955	(*)	(D)	(D)
Transportation and warehousing	(D)	(D)	(D)	99	(D)	6,140	6,140	0	2,778	3,362
Management of nonbank companies and enterprises	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)
Administration, support, and waste management	3,939	3,920	19	37	3,902	2,053	(D)	(D)	(D)	(D)
Health care and social assistance	(D)	(D)	(*)	(D)	(*)	(D)	(D)	0	0	(D)
Accommodation and food services	904	849	55	(D)	(D)	2,636	2,636	0	(D)	(D)
Accommodation	119	65	55	2	117	1,309	1,309	0	0	1,309
Food services and drinking places	785	785	0	(D)	(D)	1,327	1,327	0	(D)	(D)
Miscellaneous services	1,395	1,360	35	(D)	(D)	258	258	0	(D)	(D)

(*) Less than $500,000.
(D) Suppressed to avoid disclosure of data of individual companies.
p Preliminary.
r Revised.
NAICS North American Industry Classification System

Table 7.1—Investment Outlays, Country of Ultimate Beneficial Owner by NAICS-Based Industry of U.S. Business Enterprise, 1998

[Millions of dollars]

	All industries	Manufacturing								Wholesale trade	Retail trade	Information	Depository institutions	Finance (except depository institutions) and insurance	Real estate and rental and leasing	Professional, scientific, and technical services	Other industries
		Total	*Of which*														
			Food	Chemicals	Primary and fabricated metals	Machinery	Computer and electronic products	Electrical equipment, appliances, and components	Transportation equipment								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
All countries	**215,256**	**149,243**	**1,286**	**3,627**	**2,986**	**5,220**	**17,861**	**136**	**37,177**	**3,321**	**1,153**	**13,399**	**1,563**	**21,057**	**6,299**	**4,289**	**14,932**
Canada	**22,635**	**12,053**	(D)	**13**	(D)	(D)	(D)	(D)	**6**	(D)	**7**	**1,583**	**21**	**1,297**	(D)	**84**	**5,498**
Europe	**170,173**	**126,078**	**525**	**3,268**	**1,858**	**3,013**	**8,545**	**125**	**37,070**	**1,337**	**1,102**	**10,625**	(D)	**14,936**	**3,087**	(D)	**7,458**
Austria	19	7	0	1	4	(*)	(*)	0	(*)	1	0	2	0	2	0	4	2
Belgium	255	81	0	0	0	(D)	(D)	0	0	(D)	0	(D)	0	(*)	0	(*)	(D)
Denmark	49	(D)	0	0	0	0	(D)	0	0	(D)	0	0	0	0	0	0	(*)
Finland	(D)	(D)	0	(*)	0	0	0	0	0	3	0	(D)	0	(*)	0	0	(*)
France	14,493	10,207	1	(D)	(D)	(D)	6,528	(D)	(D)	(*)	(D)	(D)	(D)	(D)	19	107	1,545
Germany	39,873	36,732	(D)	449	(D)	(D)	82	(D)	33,982	101	(D)	(D)	0	164	1,320	(D)	147
Ireland	4,268	3,770	0	(D)	(*)	0	0	0	0	(D)	0	0	(*)	(*)	(*)	(D)	(D)
Italy	391	128	(D)	(*)	(D)	(*)	8	0	(D)	(*)	0	0	0	(*)	(D)	(D)	(*)
Liechtenstein	(D)	0	0	0	0	0	0	0	0	0	0	0	0	1	(D)	0	0
Luxembourg	(D)	(*)	0	0	0	0	0	0	(*)	0	0	0	0	0	(*)	0	(D)
Netherlands	19,009	10,879	(*)	3	(*)	(D)	(D)	0	(D)	67	0	(D)	0	1,578	(D)	(D)	(D)
Norway	832	1	0	0	0	0	1	0	0	(D)	0	(D)	0	(*)	(D)	(D)	94
Spain	(D)	(*)	0	(*)	0	(*)	(*)	0	0	(D)	0	0	(D)	0	(*)	0	(*)
Sweden	506	189	0	0	(D)	5	(D)	0	(D)	(D)	(D)	0	0	2	(D)	(D)	(D)
Switzerland	4,525	1,298	(D)	(*)	(D)	(D)	1	0	0	12	0	(D)	0	(D)	20	186	45
United Kingdom	84,995	62,614	(D)	1,349	1,713	(D)	1,038	(D)	979	340	1	7,881	(D)	(D)	157	2,734	1,358
Other	7	6	3	(*)	0	(*)	0	0	0	(*)	0	0	0	0	0	0	0
Latin America and Other Western Hemisphere	**11,354**	**7,774**	(D)	(D)	(D)	(D)	(D)	**0**	(*)	(D)	**7**	**5**	(D)	(D)	**391**	**3**	(D)
South and Central America	920	730	(D)	(D)	(*)	1	(*)	0	(*)	(D)	7	0	(D)	(*)	(D)	3	(D)
Brazil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Mexico	739	(D)	(D)	1	(*)	1	(*)	0	(*)	(*)	7	0	0	(*)	3	0	(D)
Panama	3	(*)	0	0	0	0	0	0	(*)	0	0	0	0	(*)	0	2	(*)
Venezuela	(D)	(D)	(*)	(D)	0	0	0	0	0	0	0	0	(D)	(*)	0	0	0
Other	(D)	(*)	0	0	(*)	0	(*)	0	0	(D)	0	0	0	(*)	(D)	(*)	(D)
Other Western Hemisphere	10,433	7,044	(*)	0	(D)	(D)	(D)	0	(*)	(D)	(*)	5	0	(D)	(D)	(*)	1,168
Bahamas	(*)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)
Bermuda	5,996	(D)	0	0	(D)	0	(D)	0	0	(*)	0	5	0	(D)	(D)	(*)	(D)
Netherlands Antilles	(D)	(D)	(*)	0	0	(D)	0	0	(*)	(*)	0	0	0	0	0	0	2
United Kingdom Islands, Caribbean	1,836	(D)	0	0	0	(*)	(D)	0	0	(D)	(*)	(*)	0	(D)	(D)	(*)	(D)
Other	(D)	0	0	0	0	0	0	0	0	5	0	0	0	0	0	(*)	(D)
Africa	**212**	**11**	**0**	**1**	**0**	(*)	(D)	**0**	**0**	(D)	**0**	(D)	**0**	(D)	(*)	**0**	**0**
South Africa	212	11	0	1	0	0	(D)	0	0	(D)	0	(D)	0	(D)	0	0	0
Other	1	(*)	0	0	0	(*)	0	0	0	(*)	0	0	0	0	(*)	0	0
Middle East	**2,810**	(D)	**0**	**0**	(*)	(*)	(D)	**0**	**0**	**4**	(D)	(D)	**3**	(*)	**308**	(*)	(D)
Israel	(D)	(D)	0	0	(*)	(*)	(D)	0	0	(*)	(D)	(D)	3	(*)	(D)	(*)	0
Kuwait	(*)	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)	0	0
Lebanon	(D)	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Saudi Arabia	(D)	(D)	0	0	(*)	0	0	0	0	0	0	0	0	0	(D)	0	0
United Arab Emirates	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)	0	0
Other	31	(D)	0	0	0	0	0	0	0	4	4	0	0	0	5	0	(D)
Asia and Pacific	**7,329**	**1,120**	**36**	**323**	**46**	(D)	**202**	(D)	**100**	(D)	(D)	**552**	(D)	**3,750**	(D)	(D)	**638**
Australia	(D)	35	0	0	(D)	0	(*)	0	0	(*)	0	0	0	(D)	1	0	(D)
China	4	1	0	(*)	(*)	(*)	0	0	(*)	2	0	(*)	0	0	1	0	(*)
Hong Kong	(D)	7	0	0	0	0	(D)	0	0	0	0	(D)	0	0	7	(*)	2
Indonesia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	4,862	908	(D)	323	(D)	(D)	36	(D)	98	630	(D)	178	0	(D)	243	(D)	314
Korea, Republic of	(D)	(*)	(*)	(*)	(*)	0	0	0	0	0	0	0	0	(*)	(D)	0	0
Malaysia	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)	0	0
New Zealand	(D)	0	0	0	0	0	0	0	0	(D)	0	0	0	0	0	0	0
Philippines	(*)	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)	0	0
Singapore	357	(D)	0	0	0	0	(D)	0	0	1	0	(D)	0	0	(D)	(D)	(*)
Taiwan	160	(D)	(D)	0	0	0	(D)	0	1	(*)	0	0	(D)	(*)	2	5	(D)
Other	(*)	(*)	0	0	0	0	0	0	0	(*)	0	0	0	(*)	(*)	(*)	0
United States [1]	**743**	(D)	**0**	(D)	**0**	**0**	**5**	**0**	**0**	**1**	**0**	(D)	**0**	(D)	(D)	**0**	(D)
Addenda:																	
European Union (15) [2]	164,796	124,775	371	3,268	1,813	2,959	8,543	125	37,070	932	1,102	10,553	1,454	12,012	2,950	3,698	7,319
OPEC [3]	(D)	(D)	(*)	(D)	(*)	0	0	0	0	0	0	0	(D)	(*)	(D)	0	0

(*) Less than $500,000.

D Suppressed to avoid disclosure of data of individual companies.

1. The United States is shown as the country of ultimate beneficial owner for businesses newly acquired or established by foreign investors that are, in turn, ultimately owned by persons located in the United States (see the box "Key Terms").

2. The European Union (15) comprises Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom.

3. OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

NOTE.—Data for 1998 are revised. For investments in which more than one investor participated, each investor and each investor's outlays are classified by the country of each individual ultimate beneficial owner.

NAICS North American Industry Classification System

Table 7.2—Investment Outlays, Country of Ultimate Beneficial Owner by NAICS-Based Industry of U.S. Business Enterprise, 1999

[Millions of dollars]

	All industries	Manufacturing								Wholesale trade	Retail trade	Information	Depository institutions	Finance (except depository institutions) and insurance	Real estate and rental and leasing	Professional, scientific, and technical services	Other industries
		Total	Of which														
			Food	Chemicals	Primary and fabricated metals	Machinery	Computer and electronic products	Electrical equipment, appliances, and components	Transportation equipment								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
All countries	**282,946**	**74,195**	**869**	**5,425**	**2,948**	**14,900**	**32,376**	**4,415**	**2,736**	**1,030**	**4,564**	**93,475**	**11,845**	**47,023**	**5,689**	**11,355**	**33,771**
Canada	**11,388**	**6,257**	**0**	(D)	(D)	(D)	(D)	**0**	(D)	**28**	(D)	(D)	**0**	(D)	**713**	(D)	**1,697**
Europe	**205,150**	**48,247**	(D)	**5,331**	**1,356**	**14,859**	**15,142**	(D)	**1,963**	(D)	**4,403**	**79,747**	(D)	**19,383**	**4,029**	**5,871**	**30,999**
Austria	(D)	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belgium	855	(D)	0	0	0	0	(D)	0	0	0	0	0	0	0	0	(D)	(D)
Denmark	1,117	(D)	(D)	0	0	0	(D)	0	0	0	0	0	0	0	0	0	(D)
Finland	(D)	(D)	0	0	0	0	(D)	0	0	0	0	(D)	0	(D)	0	0	2
France	24,579	18,728	0	(D)	(D)	(D)	3,093	(D)	(D)	0	(D)	1,000	(D)	(D)	0	(D)	4,231
Germany	24,393	5,683	(D)	(D)	(D)	(D)	1,098	0	0	(D)	4	(D)	(D)	(D)	2,827	194	5,225
Ireland	623	(D)	0	0	(D)	0	0	0	0	0	0	0	0	0	0	0	(D)
Italy	6,596	(D)	0	0	(D)	(D)	0	0	0	0	0	0	0	0	0	0	(D)
Liechtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Luxembourg	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)
Netherlands	26,896	1,460	(D)	0	(D)	0	(D)	0	0	264	3,872	3,948	0	14,572	301	2,473	6
Norway	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)
Spain	479	(D)	0	0	0	0	0	0	0	(D)	0	0	(D)	0	0	0	(*)
Sweden	1,978	683	0	(D)	0	0	(D)	(D)	0	0	0	0	0	0	(D)	(D)	(D)
Switzerland	7,119	191	(D)	0	0	(D)	3	(D)	0	(D)	0	(D)	0	998	0	(D)	(D)
United Kingdom	110,115	14,812	(D)	487	1,218	900	8,390	(D)	(D)	199	(D)	70,044	(D)	3,103	(D)	2,296	17,361
Other	108	5	0	5	0	0	0	0	0	0	0	0	0	(D)	0	0	(D)
Latin America and Other Western Hemisphere	**34,013**	(D)	**0**	**0**	(D)	**0**	(D)	(D)	**0**	**2**	(D)	(D)	**0**	**4,963**	**572**	**0**	**781**
South and Central America	1,377	(D)	0	0	(D)	0	0	0	0	2	(D)	0	0	(D)	(D)	0	0
Brazil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mexico	(D)	(D)	0	0	(D)	0	0	0	0	2	(D)	0	0	0	(D)	0	0
Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	(D)	0	0	0	0	0	0	0	0	0	0	0	0	(D)	0	0	0
Other Western Hemisphere	32,636	(D)	0	0	(D)	0	(D)	(D)	0	0	0	(D)	0	(D)	(D)	0	781
Bahamas	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)
Bermuda	31,685	(D)	0	0	(D)	0	(D)	(D)	0	0	0	(D)	0	4,860	0	0	495
Netherlands Antilles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
United Kingdom Islands, Caribbean	927	0	0	0	0	0	0	0	0	0	0	0	0	(D)	(D)	0	(D)
Other	(D)	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Africa	(D)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	(D)	**0**	**0**	**0**	**0**	**2**	**0**	**0**
South Africa	(D)	0	0	0	0	0	0	0	0	(D)	0	0	0	0	2	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Middle East	**546**	(D)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	(D)	**0**	(D)	**0**	**0**	**200**	**0**	(D)
Israel	148	(D)	0	0	0	0	0	0	0	0	0	(D)	0	0	2	0	0
Kuwait	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)	0	0
Lebanon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	152	0	0	0	0	0	0	0	0	0	0	0	0	0	152	0	0
United Arab Emirates	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	(D)	0	0
Other	200	0	0	0	0	0	0	0	0	(D)	0	0	0	0	0	0	(D)
Asia and Pacific	**11,502**	**1,062**	(D)	(D)	**4**	(D)	**597**	**2**	(D)	**266**	**8**	**3,857**	(D)	**597**	**173**	(D)	(D)
Australia	(D)	0	0	0	0	0	0	0	0	0	0	(D)	0	(*)	(D)	0	(D)
China	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hong Kong	237	0	0	0	0	0	0	0	0	(D)	0	0	0	0	(D)	0	(D)
Indonesia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Japan	8,048	1,042	(D)	(D)	4	(D)	595	0	(D)	(D)	5	844	0	597	117	(D)	136
Korea, Republic of	(D)	(D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(*)
Malaysia	(*)	(*)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Zealand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Singapore	154	(D)	0	0	0	0	0	0	0	0	0	0	0	0	(D)	(D)	0
Taiwan	33	4	0	0	0	0	2	2	0	(D)	3	4	(D)	0	2	0	0
Other	(D)	0	0	0	0	0	0	0	0	0	0	(D)	0	0	0	0	0
United States [1]	(D)	(D)	**0**	(D)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	(D)	**0**	**0**	(*)
Addenda:																	
European Union (15) [2]	198,020	48,055	676	5,331	1,356	14,841	15,139	484	1,963	612	4,403	75,179	11,835	18,385	4,029	5,436	30,085
OPEC [3]	199	0	0	0	0	0	0	0	0	0	0	0	0	0	199	0	0

(*) Less than $500,000.

(D) Suppressed to avoid disclosure of data of individual companies.

1. The United States is shown as the country of ultimate beneficial owner for businesses newly acquired or established by foreign investors that are, in turn, ultimately owned by persons located in the United States (see the box "Key Terms").

2. The European Union (15) comprises Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom.

3. OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

NOTE.—Data for 1999 are preliminary. For investments in which more than one investor participated, each investor and each investor's outlays are classified by the country of each individual ultimate beneficial owner.

NAICS North American Industry Classification System

Comprehensive Revision of State Personal Income

Revised Estimates for 1969–98

Preliminary Estimates for 1999

This article was written by Robert L. Brown, Kathy A. Albetski, Jeffrey L. Newman, Adrienne T. Pilot, and Duke Tran.

ON MAY 17, 2000, the Bureau of Economic Analysis (BEA) released the results of a comprehensive revision, or benchmark, of State personal income. In general, the quarterly and annual estimates for 1969–98 were revised up, primarily reflecting the incorporation of several major definitional and statistical improvements that were introduced in the recent comprehensive revision of the national income and product accounts (NIPA's).[1]

A comprehensive revision of the State estimates of personal income is made every 4 or 5 years to incorporate the results of a comprehensive NIPA revision, newly available benchmark source data, and improved methods for preparing the State estimates. In addition, newly available State data from regular sources are incorporated; these data consist of quarterly data, annual data, and data that are available less frequently—for example, data from the most recent quinquennial census of agriculture.[2]

The incorporation of the comprehensive revision of the NIPA's into the annual and quarterly State estimates for 1969–99 is the first stage in the comprehensive revisions of State and of local area personal income. For additional information, see the box "Release Schedule for the Revised State and Local Area Estimates."

1. See Eugene P. Seskin, "Improved Estimates of the National Income and Product Accounts for 1959–98: Results of the Comprehensive Revision," SURVEY OF CURRENT BUSINESS 79 (December 1999): 15–43; Brent R. Moulton and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: Statistical Changes," SURVEY 79 (October 1999): 6–17; Brent R. Moulton and David F. Sullivan, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables," SURVEY 79 (September 1999): 15–28; and Brent R. Moulton, Robert P. Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: Definitional and Classificational Changes," SURVEY 79 (August 1999): 7–20.

2. For a detailed description of the sources and methods used to prepare the State personal income estimates, see U.S. Department of Commerce, Bureau of Economic Analysis, *State Personal Income, 1929–97* (Washington, DC: U.S. Government Printing Office, May 1999), or go to BEA's Web site at <www.bea.doc.gov>, select methodologies, select regional programs, and then select State Personal Income, 1929–97.

Release Schedule for the Revised State and Local Area Estimates

The first stage of the comprehensive revisions of State and local area personal income was completed with the release of the State estimates for 1969–98 on May 17, 2000. The revised estimates of local area personal income for counties and metropolitan areas for 1969–98 that will incorporate the results of the comprehensive revisions of the NIPA's and of State personal income will be released on June 15, 2000, and will be published in the July 2000 issue of the SURVEY OF CURRENT BUSINESS. The comprehensive revision of State personal income will be completed this fall with the release of the revised annual estimates for 1929–68.

This schedule represents a significant acceleration in the availability of State and local area estimates of personal income that are consistent with the comprehensive revision of the NIPA estimates: The comprehensive revision of the State estimates is available nearly half a year sooner than previous comprehensive revisions, and the local area estimates, about a year sooner.

In addition to these releases, the revised estimates of gross state product for 1977–98 will be released this fall.

This article presents preliminary estimates of State personal income and per capita personal income for 1999 and preliminary estimates of State personal income for the fourth quarter of 1999. For the comprehensive revision of the estimates of State personal income, it describes the sources of the revisions and the effects of the revisions on the estimates. For the availability of revised estimates that are more detailed than those presented in tables 1–7 at the end of this article, see the box "Data Availability" on page 74.

The major highlights are the following:

- In 1999, per capita personal income for the Nation was $28,518, up 4.8 percent from $27,203 in 1998. The States with the fastest growth were Wyoming, Massachusetts, Maine, and

Idaho; the States with the slowest growth were Alaska, Louisiana, North Dakota, and West Virginia.

- For 1969–98, the comprehensive revision had little effect on the growth rates of State personal income. In addition, the rankings of the four fastest growing States—Nevada, Colorado, Arizona, and Utah—and of the four slowest growing States—The District of Columbia, Hawaii, Alaska, and West Virginia—over the current expansion remain unchanged.[3]
- For the Nation, personal income was revised up for all years; for 1998, it was revised up $193.4 billion, or 2.7 percent, to $7,351.5 billion. The upward revisions were mainly accounted for by the incorporation of the NIPA definitional change that treats government employee retirement plans symmetrically with private pension plans.
- By region, the Great Lakes and Southeast regions accounted for nearly half of the upward revision to U.S. personal income for 1998. The revisions for all 5 of the Great Lakes States and for 10 of the 12 Southeast States exceeded the U.S. revision of 2.7 percent.
- By State, for 1998, the largest upward revision to personal income was 8.2 percent for Alaska, and the largest downward revision was 2.8 percent for the District of Columbia.
- For 1998, 9 of the 10 States that had the highest per capita personal incomes in the previously published estimates are ranked in the top 10 in the revised estimates, and 8 of the 10 States that had the lowest per capita personal incomes are ranked in the bottom 10. Connecticut, at $37,338, still has the highest per capita personal income of any State, and Mississippi, at $19,776, still has the lowest per capita personal income.

3. The District of Columbia is treated as a State in State personal income, but it is not included in the rankings of per capita personal income.

Personal Income and Per Capita Personal Income for 1999

In 1999, per capita personal income for the Nation increased 4.8 percent to $28,518 from $27,203 in 1998 (table A).[4] The preliminary estimate of U.S. personal income increased $424.9 billion, or 5.8 percent.[5] U.S. population increased 2.4 million, or 0.9 percent.

4. Per capita personal income is the annual personal income of residents divided by resident population as of July 1.

5. The preliminary annual estimates of State personal income for 1999 are derived from the average of the estimates of personal income for the four quarters of 1999. The estimate of U.S. personal income —the sum of the estimates of personal income for the States—differs slightly from the estimate of personal income in the NIPA's because of differences in coverage and in the timing of the availability of source data.

Acknowledgments

The comprehensive revision of State personal income was prepared by the Regional Economic Measurement Division under the direction of Robert L. Brown, Chief. Hugh W. Knox, Associate Director for Regional Economics, provided general guidance. The preparation of the revised estimates was a divisionwide effort.

The estimates of nonfarm wages and salaries and other labor income were prepared by the Regional Wage Branch under the supervision of Sharon C. Carnevale, Chief. Major responsibilities were assigned to Elizabeth P. Cologer, Lisa C. Ninomiya, Michael G. Pilot, John A. Rusinko, and James M. Scott. Contributing staff members were Susan P. Den Herder, Lisa B. Emerson, John D. Laffman, Lela S. Lester, Russell C. Lusher, Richard A. Lutyk, Paul K. Medzerian, Mauricio Ortiz, Michael Phillips, Adrienne T. Pilot, Curtis Roberson, Victor A. Sahadachny, Elizabeth F. Stell, and Jaime Zenzano.

The quarterly estimates of State personal income and the annual estimates of farm wages and salaries and other labor income and of proprietors' income, property income, transfer payments, personal contributions for social insurance, and the adjustment for residence were prepared by the Regional Income Branch under the supervision of James M. Zavrel, Chief. Major responsibilities were assigned to Charles A. Jolley, Marian B. Sacks, and James P. Stehle. Contributing staff members were Elaine M. Briccetti, Carrie L. Case, Daniel R. Corrin, Toan A. Ly, W. Tim McKeel, Jeffrey L. Newman, Suet M. Ng, Matthew A. von Kerczek, Ellen M. Wright, and Marianne A. Ziver.

The estimates of personal tax and nontax payments were prepared by Ann E. Dunbar under the supervision of Robert L. Brown.

The public use tabulations and data files were assembled and the tables and text for this publication were prepared by the Regional Economic Information System Branch under the supervision of Kathy A. Albetski, Chief. Gary V. Kennedy guided the preparation of the materials for the publication. Contributing staff members were H Steven Dolan, Michael J. Paris, Albert Silverman, Nancy E. Smith, Callan S. Swenson, Monique B. Tyes, and Mary C. Williams.

The section of this article on the revised estimates was written by Robert L. Brown, Kathy A. Albetski, Jeffrey L. Newman, and Adrienne T. Pilot. The section on the preliminary quarterly and annual estimates of State personal income for 1999 was written by Duke Tran of the Regional Economic Analysis Division.

Per capita income rankings by State

The rankings of States by per capita income changed little from 1998 to 1999 (table A). In 1999, per capita income ranged from $39,167 in Connecticut to $20,506 in Mississippi. In 8 of the 10 States with the highest per capita income, the growth rates in per capita income exceeded or equaled the U.S. average of 4.8 percent, and in 8 of the 10 States with the lowest per capita income, the growth rates were below the U.S. average.

By region, the rankings in per capita income were unchanged from 1991 to 1999. For all the regions except New England, per capita income was closer to the U.S. average in 1999 than in 1991. In New England, per capita income as a percent of the U.S. average was higher in 1999 than in 1991.

Table A.—Per Capita Personal Income, Personal Income, and Population for 1997-99

	Per capita personal income						Personal income		Population	
	Dollars		Rank in United States		Percent change		Percent change		Percent change	
	1998 r	1999 p	1998	1999	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99
United States	**27,203**	**28,518**			**4.9**	**4.8**	**5.9**	**5.8**	**0.9**	**0.9**
Connecticut	37,338	39,167	1	1	4.8	4.9	4.9	5.2	.1	.3
District of Columbia	36,415	38,228	(1)	(1)	3.4	5.0	1.9	4.5	-1.5	-.4
New Jersey	34,383	36,106	2	2	5.5	5.0	6.1	5.6	.5	.6
Massachusetts	33,496	35,733	3	3	6.0	6.7	6.5	7.2	.5	.5
New York	32,108	33,946	4	4	5.1	5.7	5.2	5.9	.1	.2
Maryland	30,557	32,166	5	5	5.0	5.3	5.7	6.1	.7	.8
Colorado	29,994	31,678	6	6	6.9	5.6	9.0	7.9	2.0	2.2
Illinois	29,853	31,278	7	7	4.9	4.8	5.4	5.3	.5	.5
New Hampshire	29,480	30,905	8	8	6.2	4.8	7.4	6.2	1.1	1.3
Delaware	29,383	30,685	9	9	6.4	4.4	7.7	5.8	1.2	1.3
Minnesota	29,263	30,622	10	10	6.3	4.6	7.1	5.7	.8	1.1
Nevada	29,200	30,351	11	11	3.5	3.9	7.7	7.8	4.1	3.7
Washington	28,719	30,295	12	12	6.3	5.5	7.9	6.8	1.5	1.2
California	28,163	29,819	14	13	5.2	5.9	6.7	7.4	1.4	1.4
Rhode Island	28,262	29,720	13	14	5.2	5.2	5.3	5.5	.1	.3
Virginia	28,063	29,484	15	15	4.7	5.1	5.5	6.4	.8	1.2
Pennsylvania	27,469	28,676	17	16	4.8	4.4	4.7	4.3	-.1	-.1
Alaska	27,835	28,523	16	17	3.1	2.5	4.2	3.2	1.0	.8
Florida	26,845	28,023	19	18	4.7	4.4	6.3	5.8	1.5	1.4
Michigan	26,885	27,844	18	19	4.3	3.6	4.7	4.0	.4	.4
Hawaii	26,759	27,842	20	20	1.7	4.0	1.8	3.6	.1	-.4
Nebraska	25,924	27,437	23	21	4.7	5.8	5.0	6.2	.3	.3
Wisconsin	26,284	27,412	21	22	5.4	4.3	5.8	4.9	.4	.5
Georgia	25,839	27,198	25	23	5.1	5.3	7.2	7.4	2.0	2.0
Oregon	25,912	27,135	24	24	3.7	4.7	4.9	5.8	1.2	1.0
Ohio	26,073	27,081	22	25	4.3	3.9	4.5	4.0	.2	.2
Kansas	25,537	26,633	26	26	4.6	4.3	5.5	4.9	.9	.6
Texas	25,369	26,525	27	27	5.7	4.6	7.7	6.3	1.8	1.7
North Carolina	25,181	26,220	28	28	4.0	4.1	5.7	5.6	1.6	1.4
Missouri	25,150	26,187	30	29	3.2	4.1	3.8	4.7	.6	.6
Indiana	25,163	26,092	29	30	5.2	3.7	5.9	4.3	.6	.6
Wyoming	24,312	26,003	34	31	3.0	7.0	3.0	6.9	0	0
Vermont	24,602	25,892	32	32	5.2	5.2	5.6	5.8	.3	.5
Iowa	24,745	25,727	31	33	3.6	4.0	3.9	4.3	.2	.3
Tennessee	24,437	25,581	33	34	4.2	4.7	5.3	5.7	1.0	.9
Arizona	24,206	25,307	35	35	6.0	4.5	8.7	7.0	2.5	2.4
South Dakota	23,715	25,107	36	36	5.8	5.9	5.8	6.2	0	.3
Maine	23,499	24,960	37	37	4.9	6.2	5.1	6.7	.2	.4
North Dakota	22,892	23,518	38	38	9.7	2.7	9.1	2.1	-.5	-.6
South Carolina	22,372	23,496	39	39	4.5	5.0	5.8	6.3	1.3	1.2
Idaho	22,079	23,445	43	40	5.1	6.2	6.8	8.0	1.7	1.7
Utah	22,240	23,356	40	41	4.9	5.0	6.7	6.5	1.7	1.4
Kentucky	22,183	23,161	42	42	4.2	4.4	4.9	5.1	.7	.7
Alabama	22,054	22,946	44	43	3.7	4.0	4.5	4.5	.7	.4
Oklahoma	21,964	22,801	45	44	4.2	3.8	5.0	4.4	.8	.6
Louisiana	22,206	22,792	41	45	4.5	2.6	4.7	2.9	.3	.2
Montana	21,229	22,314	46	46	5.5	5.1	5.6	5.5	.1	.3
Arkansas	21,167	22,114	47	47	4.1	4.5	4.6	5.0	.6	.5
New Mexico	21,164	22,063	48	48	4.3	4.2	5.0	4.6	.6	.3
West Virginia	20,185	20,888	49	49	4.0	3.5	3.8	3.2	-.2	-.3
Mississippi	19,776	20,506	50	50	4.8	3.7	5.5	4.3	.7	.7
BEA regions										
New England	32,373	34,264	1	1	5.5	5.8	5.9	6.4	.4	.5
Mideast	31,100	32,717	2	2	5.1	5.2	5.3	5.5	.2	.3
Far West	28,068	29,637	3	3	5.0	5.6	6.6	7.1	1.5	1.4
Great Lakes	27,187	28,303	4	4	4.7	4.1	5.1	4.5	.4	.4
Plains	26,118	27,285	5	5	4.7	4.5	5.3	5.1	.5	.6
Rocky Mountain	25,783	27,244	6	6	6.0	5.7	7.6	7.4	1.6	1.6
Southeast	24,605	25,708	7	7	4.5	4.5	5.7	5.6	1.2	1.1
Southwest	24,551	25,653	8	8	5.5	4.5	7.4	6.1	1.8	1.6

r Revised.
p Preliminary.
1. Not ranked.

NOTE.—States and regions are listed based on their rank in per capita income in 1999. Estimates may not add to totals because of rounding.

Per capita income growth by region and State

Per capita personal income for the Nation grew 4.8 percent in 1999 after growing 4.9 percent in 1998. U.S. personal income grew 5.8 percent after growing 5.9 percent, and population grew 0.9 percent, the same as in 1998.

By region, growth in per capita income slowed down in the Southwest, Great Lakes, Rocky Mountain, and Plains regions; picked up in the Far West, New England, and Mideast regions; and was unchanged in the Southeast region.

In all 50 States and the District of Columbia, the growth rates in per capita income in both 1998 and 1999 exceeded the increases in prices (as measured by the price index for personal consumption expenditures).

Fastest growing States.—The four States with the fastest growth in per capita income in 1999 were Wyoming (7.0 percent), Massachusetts (6.7 percent), Maine (6.2 percent), and Idaho (6.2 percent) (chart 1). In Wyoming, Maine, and Idaho, per capita income was below the U.S. average of $28,518.

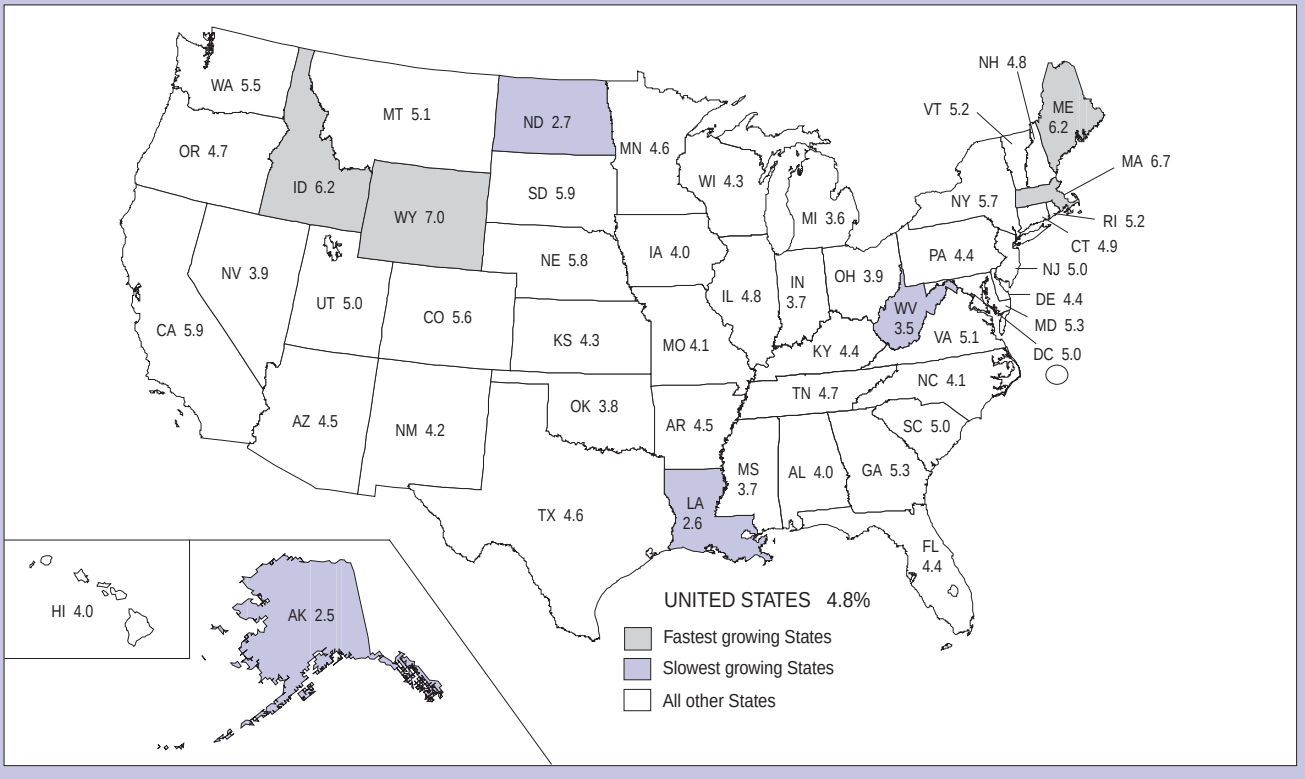
In all four States, the growth rates in personal income exceeded the U.S. average of 5.8 percent, and in all the States except Idaho, the growth rates in population were below the U.S. average of 0.9 percent. In Idaho, both personal income and population grew strongly, continuing a long-term trend. Except for the growth rate in personal income in 1997, Idaho's personal income and population have been growing at above the U.S. averages since 1990.

In all four States, the rapid growth in personal income was mainly attributable to net earnings (table B).[6] By industry, in Wyoming, the largest contributor to the growth in earnings by place of work was earnings in farms, reflecting a large increase in cash receipts from sales of livestock; earnings in services also contributed substantially (tables C and D). In Massachusetts, Maine, and Idaho, earnings in services was the largest contributor to the earnings growth. In addition, substantial contributions were made by earnings

6. Net earnings are calculated as earnings by place of work less personal contributions for social insurance plus an adjustment that converts these earnings to a place-of-residence basis. Earnings by place of work is the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income.

CHART 1

Per Capita Personal Income Growth in 1999, by State



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

in construction and in finance, insurance, and real estate in Massachusetts; in finance, insurance, and real estate in Maine; and in farms and manufacturing in Idaho.

Slowest growing States.—The four States with the slowest growth in per capita income in 1999 were Alaska (2.5 percent), Louisiana (2.6 percent), North Dakota (2.7 percent), and West Virginia (3.5 percent). In Louisiana, North Dakota, and West Virginia, per capita income was below the U.S. average of $28,518. Alaska had ranked in the top 10 States in 1969–95, but it has steadily dropped since to 17th in 1999.

Table B.—Personal Income by Component for 1998-99

	Percent change				Percent change in personal income	Contribution to percent change in personal income (percentage points)			Dollar change (millions)			
	Personal income	Net earnings [1]	Dividends, interest, and rent	Transfer payments		Net earnings [1]	Dividends, interest, and rent	Transfer payments	Personal income	Net earnings [1]	Dividends, interest, and rent	Transfer payments
United States	**5.8**	**6.7**	**4.2**	**3.5**	**5.8**	**4.5**	**0.8**	**0.5**	**424,946**	**332,248**	**58,037**	**34,661**
New England	**6.4**	**7.6**	**4.2**	**3.2**	**6.4**	**5.2**	**.8**	**.4**	**27,700**	**22,566**	**3,336**	**1,799**
Connecticut	5.2	6.0	3.4	3.1	5.2	4.2	.6	.4	6,357	5,170	748	438
Maine	6.7	8.3	4.5	3.2	6.7	5.3	.9	.5	1,960	1,551	252	157
Massachusetts	7.2	8.7	4.3	3.4	7.2	6.0	.8	.4	14,844	12,335	1,599	910
New Hampshire	6.2	6.9	5.4	2.7	6.2	4.9	1.0	.3	2,163	1,707	353	101
Rhode Island	5.5	6.5	4.6	2.7	5.5	4.1	.9	.5	1,533	1,151	253	128
Vermont	5.8	6.9	4.3	3.0	5.8	4.5	.9	.4	844	652	130	62
Mideast	**5.5**	**6.5**	**3.5**	**3.5**	**5.5**	**4.4**	**.6**	**.5**	**76,284**	**60,439**	**8,890**	**6,954**
Delaware	5.8	6.5	4.4	3.9	5.8	4.4	.9	.5	1,259	971	188	100
District of Columbia	4.5	5.8	.4	3.0	4.5	4.0	.1	.4	852	764	13	77
Maryland	6.1	7.1	3.7	3.5	6.1	5.1	.7	.4	9,591	7,978	1,038	575
New Jersey	5.6	6.5	4.2	2.8	5.6	4.5	.8	.3	15,675	12,651	2,140	884
New York	5.9	7.1	3.3	4.0	5.9	4.7	.6	.7	34,648	27,331	3,525	3,792
Pennsylvania	4.3	5.0	3.2	2.9	4.3	3.3	.6	.5	14,259	10,746	1,986	1,526
Great Lakes	**4.5**	**5.0**	**4.4**	**2.4**	**4.5**	**3.4**	**.8**	**.3**	**54,589**	**40,704**	**10,188**	**3,698**
Illinois	5.3	5.8	4.8	3.0	5.3	4.0	1.0	.3	19,034	14,355	3,437	1,241
Indiana	4.3	4.5	4.5	3.1	4.3	3.1	.8	.4	6,410	4,577	1,226	607
Michigan	4.0	4.5	4.3	1.0	4.0	3.1	.8	.1	10,627	8,226	2,056	344
Ohio	4.0	4.4	3.9	2.5	4.0	2.9	.7	.4	11,848	8,629	2,154	1,064
Wisconsin	4.9	5.3	4.8	2.6	4.9	3.6	1.0	.3	6,671	4,915	1,314	440
Plains	**5.1**	**5.5**	**4.5**	**3.6**	**5.1**	**3.7**	**.9**	**.5**	**24,735**	**18,021**	**4,423**	**2,291**
Iowa	4.3	4.2	4.9	3.7	4.3	2.7	1.0	.5	3,024	1,938	720	365
Kansas	4.9	5.6	3.8	2.7	4.9	3.8	.7	.3	3,303	2,573	498	232
Minnesota	5.7	6.1	5.6	3.6	5.7	4.2	1.2	.4	7,929	5,758	1,616	554
Missouri	4.7	5.5	2.9	3.5	4.7	3.6	.6	.5	6,445	4,954	778	713
Nebraska	6.2	6.9	4.7	4.9	6.2	4.6	1.0	.6	2,657	1,967	420	270
North Dakota	2.1	.6	5.8	2.8	2.1	.4	1.2	.4	303	57	179	65
South Dakota	6.2	7.0	5.4	3.7	6.2	4.5	1.2	.5	1,075	773	212	90
Southeast	**5.6**	**6.5**	**4.0**	**4.0**	**5.6**	**4.3**	**.8**	**.6**	**91,160**	**69,069**	**12,586**	**9,505**
Alabama	4.5	4.9	3.9	3.5	4.5	3.2	.7	.6	4,313	3,112	649	553
Arkansas	5.0	5.6	4.6	3.4	5.0	3.6	.8	.6	2,696	1,923	445	327
Florida	5.8	7.0	4.1	4.1	5.8	4.1	1.1	.6	23,251	16,404	4,307	2,541
Georgia	7.4	8.3	4.9	4.5	7.4	6.0	.8	.5	14,504	11,894	1,583	1,028
Kentucky	5.1	5.8	4.3	3.4	5.1	3.8	.8	.6	4,461	3,294	655	512
Louisiana	2.9	2.5	4.1	3.0	2.9	1.7	.7	.5	2,768	1,610	651	507
Mississippi	4.3	4.5	4.5	3.7	4.3	2.9	.7	.7	2,363	1,605	381	378
North Carolina	5.6	6.6	2.5	4.7	5.6	4.5	.5	.6	10,592	8,502	862	1,228
South Carolina	6.3	7.1	4.3	5.0	6.3	4.8	.8	.8	5,402	4,094	645	663
Tennessee	5.7	6.2	4.9	4.0	5.7	4.3	.8	.6	7,519	5,688	1,008	823
Virginia	6.4	7.5	3.3	3.8	6.4	5.4	.6	.4	12,114	10,250	1,151	712
West Virginia	3.2	3.2	3.9	2.7	3.2	1.9	.7	.6	1,175	692	249	233
Southwest	**6.1**	**6.8**	**4.7**	**4.2**	**6.1**	**4.8**	**.8**	**.5**	**44,450**	**34,963**	**5,594**	**3,895**
Arizona	7.0	8.0	5.9	4.2	7.0	5.3	1.2	.6	7,949	5,962	1,353	634
New Mexico	4.6	4.4	5.0	4.9	4.6	2.9	1.0	.8	1,698	1,063	358	276
Oklahoma	4.4	4.6	4.2	3.8	4.4	3.1	.7	.6	3,216	2,238	544	435
Texas	6.3	7.0	4.4	4.3	6.3	5.1	.7	.5	31,588	25,699	3,338	2,550
Rocky Mountain	**7.4**	**8.3**	**5.7**	**4.3**	**7.4**	**5.8**	**1.1**	**.5**	**16,470**	**12,961**	**2,478**	**1,030**
Colorado	7.9	9.0	5.8	4.3	7.9	6.4	1.1	.4	9,445	7,668	1,303	475
Idaho	8.0	9.2	5.8	4.9	8.0	6.2	1.2	.6	2,169	1,675	319	174
Montana	5.5	6.0	5.0	4.3	5.5	3.6	1.2	.7	1,028	677	219	131
Utah	6.5	6.9	6.3	4.1	6.5	4.9	1.1	.4	3,028	2,307	525	197
Wyoming	6.9	8.7	3.9	3.7	6.9	5.4	1.0	.5	800	632	113	54
Far West	**7.1**	**8.4**	**4.3**	**3.6**	**7.1**	**5.8**	**.8**	**.4**	**89,558**	**73,525**	**10,542**	**5,490**
Alaska	3.2	1.8	3.9	8.8	3.2	1.2	.7	1.3	546	213	119	215
California	7.4	9.0	4.0	3.4	7.4	6.2	.8	.4	67,887	57,200	6,936	3,751
Hawaii	3.6	4.0	2.4	3.2	3.6	2.8	.4	.4	1,150	887	143	120
Nevada	7.8	8.9	6.1	4.8	7.8	6.0	1.3	.5	3,994	3,064	677	253
Oregon	5.8	6.5	5.1	3.9	5.8	4.1	1.2	.5	4,940	3,527	984	429
Washington	6.8	7.6	5.4	3.7	6.8	5.3	1.0	.4	11,041	8,635	1,685	720

1. Net earnings are earnings by place of work—the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income—less personal contributions for social insurance plus an adjustment to convert earnings by place of work to a place-of-residence basis.

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

In all four States, the growth rates in personal income and in population were less than the U.S. averages. In Louisiana and West Virginia, both personal income and population either declined or grew at below U.S. averages since 1996.

In all four States, personal income growth was held back by slow growth in net earnings. By industry, in Alaska, the slow growth in earnings by place of work reflected weakness in most major industry groups. In Louisiana, weakness in earnings in mining, in construction, in transportation and public utilities, and in wholesale trade contributed to the slow growth. In North Dakota, a substantial decline in farm earnings contributed, and in West Virginia, declines in earnings in mining, in construction, and in transportation and public utilities contributed.

Table C.—Earnings by Place of Work: Percent Change for 1998-99

	Total [1]	Farms	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States	**6.6**	**2.7**	**8.8**	**2.8**	**5.0**	**7.6**	**6.6**	**9.5**	**9.4**	**4.3**
New England	**7.5**	**5.3**	**11.6**	**4.2**	**3.4**	**8.2**	**8.0**	**11.9**	**8.9**	**4.4**
Connecticut	5.8	5.9	8.2	4.6	2.0	.9	8.6	9.2	7.9	.3
Maine	8.4	7.0	21.4	2.6	2.2	11.6	6.8	18.7	10.1	4.8
Massachusetts	8.7	12.0	13.4	5.2	4.6	10.8	8.1	14.1	9.1	6.2
New Hampshire	6.5	17.1	4.8	–.4	2.8	13.3	7.9	10.9	10.4	4.0
Rhode Island	6.1	11.1	17.5	1.1	4.0	8.6	8.9	5.2	6.7	5.9
Vermont	6.9	–8.2	3.7	7.7	.4	8.6	5.7	9.2	10.4	4.3
Mideast	**6.4**	**–14.3**	([3])	**2.1**	**2.6**	**7.4**	**5.4**	**9.8**	**8.5**	**4.1**
Delaware	6.6	–33.6	10.3	4.3	5.1	11.9	7.6	10.7	7.0	4.1
District of Columbia	5.9	([2])	([3])	5.4	22.3	30.5	1.3	12.9	7.0	2.3
Maryland	7.3	–11.0	8.3	3.7	3.9	9.1	3.9	11.4	9.1	6.4
New Jersey	6.2	–6.0	11.6	2.4	1.5	7.4	4.0	10.6	9.0	3.2
New York	7.1	–.5	10.4	1.5	2.3	6.9	7.6	9.9	8.9	5.0
Pennsylvania	4.9	–26.4	11.6	1.9	2.1	6.8	4.0	6.9	7.3	2.1
Great Lakes	**4.9**	**–36.7**	**6.8**	**2.5**	**1.4**	**6.3**	**4.6**	**8.1**	**8.0**	**3.6**
Illinois	5.8	–59.1	8.6	1.5	1.3	7.4	4.8	10.4	8.6	5.0
Indiana	4.4	–71.6	2.0	4.0	1.2	6.8	5.5	7.7	7.0	3.0
Michigan	4.5	26.1	6.7	3.4	.9	4.8	4.2	3.9	7.2	2.3
Ohio	4.4	–29.4	6.6	1.9	.8	6.2	3.9	7.8	7.5	3.1
Wisconsin	5.2	–29.2	8.9	2.1	3.9	6.0	5.9	6.8	9.2	4.2
Plains	**5.5**	**–16.8**	**10.3**	**1.5**	**5.4**	**6.1**	**6.4**	**10.4**	**8.1**	**4.1**
Iowa	4.1	–33.5	4.7	.9	5.1	6.8	4.6	9.5	9.5	4.1
Kansas	5.6	9.1	9.2	3.4	9.7	4.8	4.9	8.6	5.8	4.3
Minnesota	6.1	–37.5	11.9	3.0	3.5	6.8	8.3	8.4	9.6	2.7
Missouri	5.4	–44.9	12.1	–1.2	5.2	5.3	6.3	12.0	6.5	6.0
Nebraska	6.8	11.1	9.9	1.6	6.4	6.5	6.4	13.7	9.4	2.3
North Dakota	1.0	–70.9	13.4	3.7	–.7	4.7	2.8	10.9	7.7	3.5
South Dakota	7.1	2.3	7.3	4.1	6.0	9.1	6.8	18.2	10.5	3.6
Southeast	**6.4**	**–1.4**	**6.6**	**2.2**	**5.7**	**8.7**	**6.6**	**8.9**	**10.0**	**4.3**
Alabama	4.8	–2.1	7.5	.9	3.8	8.2	6.3	10.2	6.7	3.7
Arkansas	5.6	1.6	8.2	3.5	3.0	5.9	9.1	7.4	7.7	3.8
Florida	7.0	24.7	5.8	.6	6.3	9.6	5.7	7.7	10.2	2.6
Georgia	8.3	–6.5	13.5	5.6	7.9	9.4	8.3	7.4	12.4	3.8
Kentucky	5.8	–21.9	6.6	4.2	2.2	8.8	7.0	7.6	8.7	7.6
Louisiana	2.4	74.5	–1.4	1.3	.1	2.2	4.4	4.4	5.8	1.2
Mississippi	4.4	–11.8	1.1	2.9	.4	4.3	7.9	6.8	6.8	5.4
North Carolina	6.6	–21.2	7.1	2.8	2.3	7.2	6.7	11.0	12.2	5.7
South Carolina	7.0	–12.7	5.9	–1.8	30.0	10.8	7.0	10.2	9.1	7.7
Tennessee	6.1	–17.1	5.3	3.1	6.8	9.7	6.1	10.3	7.3	4.8
Virginia	7.6	–24.4	8.7	–.1	4.9	11.8	7.2	12.2	12.4	4.4
West Virginia	2.7	([2])	–1.6	1.9	–2.3	4.9	3.9	10.2	6.7	3.3
Southwest	**6.7**	**53.3**	**8.0**	**.6**	**6.7**	**8.8**	**7.3**	**9.4**	**9.7**	**4.6**
Arizona	7.9	9.6	10.3	.9	4.4	7.6	7.5	11.7	12.6	4.4
New Mexico	4.3	27.8	.2	–1.2	3.3	4.5	3.9	10.1	8.0	1.6
Oklahoma	4.5	25.2	11.4	.2	–.2	5.1	5.7	6.9	6.4	4.7
Texas	6.9	80.8	7.6	.7	7.9	9.5	7.8	9.0	9.6	5.0
Rocky Mountain	**8.3**	**43.7**	**10.3**	**3.5**	**8.6**	**8.9**	**8.4**	**11.2**	**10.4**	**4.5**
Colorado	9.0	37.5	11.7	3.8	11.8	8.6	9.2	12.8	10.7	4.1
Idaho	9.2	35.1	8.9	7.2	4.4	11.9	8.8	9.8	9.3	6.3
Montana	5.9	48.8	3.1	–2.2	4.3	6.5	5.7	9.2	8.2	3.5
Utah	6.8	7.3	9.8	1.6	2.9	9.6	7.9	6.9	10.7	4.8
Wyoming	8.5	346.6	11.1	2.9	2.3	3.3	6.5	17.3	11.0	5.0
Far West	**8.4**	**8.5**	([3])	**5.8**	**8.5**	**7.2**	**8.5**	**9.3**	**11.1**	**5.0**
Alaska	1.7	0	([3])	.5	1.5	–2.1	5.5	7.8	4.6	.9
California	8.9	13.3	13.2	7.0	10.3	7.5	8.5	9.6	11.0	5.2
Hawaii	4.0	9.1	–3.3	3.2	–.3	5.0	3.7	5.3	4.0	5.9
Nevada	8.9	–6.6	6.4	3.1	9.3	7.6	11.4	9.7	11.7	5.8
Oregon	6.4	–9.8	3.3	4.1	4.7	6.4	7.3	7.9	9.8	5.5
Washington	7.7	–7.6	9.9	.6	3.9	6.2	9.4	8.9	13.9	4.4

1. Also includes mining and agricultural services, forestry, and fishing.
2. Not meaningful.
3. Data are suppressed to avoid disclosure.

NOTE.—Earnings by place of work is the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income.

Sources of Revisions

This section describes the changes in the sources and methods used to prepare the State estimates of personal income: The definitional changes that could be estimated by State, the statistical changes to the national estimates that could be replicated at the State level, and the improvements to State-level sources and methods for other income subcomponents.

Many of the methodological changes that were incorporated into the national estimates of personal income involve detailed estimation that cannot be replicated at the State level, because the

Table D.—Earnings by Place of Work: Contribution to Percent Change by Industry Group for 1998-99

[Percentage points]

	Total [1]	Farms	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States	**6.6**	**0**	**0.5**	**0.5**	**0.3**	**0.5**	**0.6**	**0.9**	**2.7**	**0.7**
New England	**7.5**	**0**	**.6**	**.7**	**.2**	**.5**	**.7**	**1.3**	**2.9**	**.6**
Connecticut	5.8	0	.4	.9	.1	.1	.6	1.3	2.3	0
Maine	8.4	0	1.4	.5	.1	.6	.8	1.2	2.7	.9
Massachusetts	8.7	0	.6	.8	.2	.7	.7	1.5	3.2	.8
New Hampshire	6.5	0	.3	–.1	.1	.9	.9	.8	2.9	.5
Rhode Island	6.1	0	.9	.2	.2	.4	.8	.4	2.1	1.1
Vermont	6.9	–.1	.3	1.6	0	.4	.6	.5	3.0	.7
Mideast	**6.4**	**0**	**([3])**	**.3**	**.2**	**.4**	**.4**	**1.3**	**2.6**	**.7**
Delaware	6.6	–.2	.6	1.0	.2	.5	.6	1.6	1.7	.6
District of Columbia	5.9	([2])	([3])	.1	.6	.2	0	.7	2.8	1.0
Maryland	7.3	0	.6	.3	.2	.5	.3	.9	2.9	1.5
New Jersey	6.2	0	.5	.4	.1	.6	.3	1.0	2.8	.5
New York	7.1	0	.4	.2	.1	.4	.5	2.0	2.8	.7
Pennsylvania	4.9	–.1	.6	.4	.1	.4	.3	.6	2.2	.3
Great Lakes	**4.9**	**–.2**	**.4**	**.6**	**.1**	**.4**	**.4**	**.6**	**2.0**	**.5**
Illinois	5.8	–.3	.5	.3	.1	.5	.4	1.1	2.5	.7
Indiana	4.4	–.3	.1	1.2	.1	.4	.5	.5	1.5	.4
Michigan	4.5	.1	.4	1.1	0	.3	.3	.2	1.8	.3
Ohio	4.4	–.1	.4	.5	0	.4	.4	.5	1.9	.5
Wisconsin	5.2	–.3	.6	.6	.2	.4	.5	.5	2.1	.6
Plains	**5.5**	**–.3**	**.6**	**.3**	**.4**	**.4**	**.6**	**.8**	**2.1**	**.6**
Iowa	4.1	–1.2	.3	.2	.3	.5	.4	.7	2.1	.6
Kansas	5.6	.2	.5	.6	.8	.4	.5	.5	1.3	.7
Minnesota	6.1	–.4	.7	.6	.2	.5	.7	.7	2.6	.4
Missouri	5.4	–.2	.8	–.2	.4	.4	.6	.9	1.8	.9
Nebraska	6.8	.5	.6	.2	.6	.4	.5	1.0	2.4	.4
North Dakota	1.0	–3.9	.9	.3	–.1	.4	.3	.6	1.9	.7
South Dakota	7.1	.2	.4	.6	.4	.5	.7	1.3	2.5	.6
Southeast	**6.4**	**0**	**.4**	**.4**	**.4**	**.5**	**.6**	**.6**	**2.7**	**.8**
Alabama	4.8	0	.5	.2	.2	.5	.6	.6	1.5	.7
Arkansas	5.6	.1	.5	.8	.2	.3	1.0	.4	1.7	.6
Florida	7.0	.2	.3	0	.4	.6	.6	.8	3.4	.4
Georgia	8.3	–.1	.8	.9	.7	.8	.7	.6	3.2	.6
Kentucky	5.8	–.4	.4	.9	.2	.5	.7	.4	2.0	1.4
Louisiana	2.4	.4	–.1	.2	0	.1	.4	.2	1.5	.2
Mississippi	4.4	–.3	.1	.6	0	.2	.8	.3	1.6	1.1
North Carolina	6.6	–.3	.5	.6	.1	.4	.6	.8	2.8	1.0
South Carolina	7.0	–.1	.4	–.4	1.6	.5	.7	.6	2.0	1.5
Tennessee	6.1	0	.3	.6	.5	.6	.6	.7	2.0	.6
Virginia	7.6	–.1	.5	0	.3	.6	.6	.9	3.7	1.1
West Virginia	2.7	([2])	–.1	.3	–.2	.2	.4	.4	1.7	.7
Southwest	**6.7**	**.4**	**.5**	**.1**	**.5**	**.6**	**.7**	**.7**	**2.6**	**.7**
Arizona	7.9	.1	.8	.1	.3	.5	.8	1.1	3.6	.7
New Mexico	4.3	.7	0	–.1	.2	.2	.4	.5	2.2	.4
Oklahoma	4.5	.3	.6	0	0	.3	.5	.4	1.5	1.0
Texas	6.9	.5	.5	.1	.7	.7	.7	.7	2.5	.7
Rocky Mountain	**8.3**	**.6**	**.8**	**.4**	**.8**	**.5**	**.8**	**.9**	**2.8**	**.8**
Colorado	9.0	.3	.9	.4	1.2	.5	.8	1.1	3.1	.7
Idaho	9.2	1.6	.7	1.2	.3	.6	.9	.5	2.1	1.2
Montana	5.9	1.0	.2	–.2	.3	.3	.7	.5	2.2	.8
Utah	6.8	0	.8	.2	.2	.5	.8	.5	2.9	.9
Wyoming	8.5	2.6	.9	.2	.2	.1	.6	.8	2.0	1.2
Far West	**8.4**	**.1**	**([3])**	**.9**	**.5**	**.4**	**.8**	**.8**	**3.4**	**.8**
Alaska	1.7	0	([3])	0	.2	–.1	.5	.3	1.0	.3
California	8.9	.2	.7	1.1	.6	.5	.8	.9	3.5	.8
Hawaii	4.0	.1	–.2	.1	0	.2	.4	.5	1.2	1.8
Nevada	8.9	0	.7	.1	.5	.3	1.1	.8	4.5	.8
Oregon	6.4	–.1	.2	.8	.3	.5	.8	.6	2.5	.9
Washington	7.7	–.1	.6	.1	.3	.4	.8	.6	4.0	.8

1. Also includes mining and agricultural services, forestry, and fishing.
2. Not meaningful.
3. Data are suppressed to avoid disclosure.

NOTE.—Earnings by place of work is the sum of wage and salary disbursements (payrolls), other labor income, and proprietors' income. Estimates may not add to totals because of rounding.

underlying source data are not available for States. However, these changes are implicitly incorporated into the State estimates through the use of the national estimates.

Definitional changes

Government employee retirement plans.—The reclassification of government employee retirement plans covers Federal civilian, military, and State and local government employees. This change raised personal income by (1) the amount of employer contributions to these plans, which are added to other labor income, (2) dividends and interest received by these plans, which are added to personal dividend income and personal interest income, and (3) personal contributions to these plans, which are no longer included in personal contributions for social insurance (a component that is deducted in the calculation of personal income). In addition, personal income was reduced by the amount of benefits paid by these plans; these benefits are no longer included in government transfer payments to persons. Although this change raises personal income, it does not affect the national estimates of gross domestic product, gross domestic income, or national income.

The national totals of the employer contributions for Federal civilian employees and for military personnel are allocated to States in proportion to the corresponding estimates of wage and salary disbursements. The State estimates of the contributions for State and local government employees, like the national estimates, are based on data from the Census Bureau's annual *Finances of Employee-Retirement Systems of State and Local Governments*.

For the preparation of the State estimates of dividends and interest received by government employee retirement plans, the national totals are divided into the portion that is received on behalf of current employees and the portion that is received on behalf of retirees. The current-employee portion is assumed to be 60 percent of the total for the civilian plans and 40 percent for the military plan.[7]

For the Federal civilian plans, the national totals of the current-employee portions of dividends and interest are allocated to States in proportion to place-of-residence estimates of Federal civilian wages and salaries. The national totals of the retiree portions are allocated in proportion to the estimates of retirement benefits received by individuals from the plans; these estimates are based on data provided by the Office of Personnel Management.

For the military plan, the national total of the current-employee portion of the interest is allocated to States in proportion to the estimates of military wages and salaries adjusted to a place-of-residence basis. The national total of the retiree portion is allocated in proportion to the estimates of retirement benefits from the plan; these estimates are based on data from the Department of Defense.

For the State and local government plans, the estimates are based mainly on data on the dividends and the interest received by the plans operated by the State and local governments of each State from the Census Bureau's annual *Finances of Employee-Retirement Systems of State and Local Governments*. These data are adjusted to a place-of-residence basis using the journey-to-work data for current employees, and then they are used to prepare the estimates of both the current-employee portion and the retiree portion of the corresponding type of income.

Private noninsured pension plans.—The treatment of private noninsured pension plans was modified to record property income—interest, dividends, and rents—as received directly by persons in the corresponding components of personal income. A downward revision to personal interest income was offset by upward revisions to personal dividend income and to rental income of persons; personal income for the Nation was unaffected.

The State estimates of the investment income of these plans are improved by the preparation of separate estimates for current employees and retirees.[8] Previously, the national total was allocated to States in proportion to estimates of employer contributions to these plans, adjusted to a place-of-residence basis.

In the revised State estimates, the current-employee portion—which is assumed to be 60 percent of the totals of the dividends, interest, and rent—continue to reflect the employer contribution estimates. The national estimates of the retiree portions are allocated to States in proportion to the estimates of social security retirement benefits, which are received by almost all of the persons who receive benefits from private pension plans.

Directors' fees.—The fees that are paid to outside directors—that is, directors who are not employees of the company on whose board they serve—are

7. These apportionments are consistent with the numbers of current employees and retirees who participate in the plans.

8. In both the national and the State estimates, this investment income is now classified as part of dividends, monetary interest, and monetary rent; previously it was classified as personal interest income.

reclassified from other labor income to nonfarm proprietors' income.[9] This reclassification eliminates the double-counting of these fees in personal income that began in 1979. In the revised State estimates, directors' fees have been removed from other labor income for 1969–98. The national totals for 1969–78 are now allocated to States in proportion to the estimates of nonfarm proprietors' income; previously, these estimates had been allocated to the States in proportion to the estimates of wages and salaries.

Special supplemental nutrition program for women, infants, and children.—The food-cost portion of this program has been reclassified as transfer payments to persons for the 1974–98 estimates. This reclassification recognizes that these food benefits are similar to those in the Federal food stamp program, which are classified as transfer payments to persons. This change raises State transfer payments. The State estimates, like the national estimates, are based on data from the Food and Nutrition Service of the U.S. Department of Agriculture (USDA).

9. Directors' fees paid to employees who serve on their company's board of directors are classified as wages and salaries.

Personal Income in the NIPA's and State Personal Income

The main differences between the national income and product accounts (NIPA's) estimates of personal income and the State estimates of personal income stem from the treatment of the income of U.S. residents who are working abroad and the treatment of the income of foreign residents who are working in the United States. The national total of the State estimates of personal income consists of only the income earned by persons who live within the United States, including foreign residents working in the United States.

The measure of personal income in the NIPA's is broader. It includes the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents on foreign assignment for less than a year, and it includes the investment income that is received by Federal retirement plans of Federal workers stationed abroad. Earnings of foreign residents are included only if they live and work in the United States for a year or more.

The NIPA estimate of transfer payments, unlike the State estimates, also includes the unemployment benefits that are paid by State employment security agencies to individuals who live in outlying U.S. areas, mainly in Puerto Rico. The State estimates are adjusted to remove these payments.

Relation of National and State Estimates of Personal Income

[Billions of dollars]

	1996	1997	1998
Personal income, NIPA's	**6,547.4**	**6,951.1**	**7,358.9**
Less adjustments for:			
Coverage differences	**9.2**	**8.9**	**8.9**
Federal workers abroad	14.3	14.5	14.8
Wage and salary disbursements	9.5	9.6	9.8
Other labor income	4.4	4.4	4.5
Dividends, interest, and rent [1]	.9	1.0	1.0
Less: Personal contributions for social insurance	.5	.5	.5
Rest-of-the-world [2]	–5.2	–5.7	–5.9
Transfer payments to persons [3]	.1	.1	0
Use of more current source data	**.1**	**.1**	**–1.5**
Wage and salary disbursements	.1	.2	–.8
Farm proprietors' income	0	–.1	–.7
***Equals*: State personal income**	**6,538.1**	**6,942.1**	**7,351.5**

1. Consists of the investment income received by federal retirement plans that is attributed to federal workers stationed abroad.
2. Consists of the wages and salaries received by U.S. residents working temporarily (less than a year) abroad and foreign residents working temporarily in the United States.
3. Consists of unemployment benefits paid by State employment security agencies to outlying areas of the United States, mainly in Puerto Rico.
NIPA National income and product accounts

The annual estimates of personal income in the NIPA's also differ from the national totals of State personal income because of differences in the timing of the availability of source data. According to the preliminary 1999 estimates, the national total of State personal income increased 5.8 percent; the estimate of personal income in the NIPA's increased 5.9 percent. The 0.1-percentage-point, or $8 billion, difference primarily reflects the incorporation of newly available source data for farm proprietors' income into the State estimates.

Each spring, the preliminary annual estimate of farm proprietors' income incorporates newly available annual State data from the U.S. Department of Agriculture (USDA). The estimate decreased $0.7 billion in 1999 from 1998; in contrast, the NIPA estimate, which is based on previously reported monthly data from the USDA, increased $6.2 billion. In addition, as part of the procedure for preparing the national control totals that are used for the State estimates for the most recent year, the annual NIPA estimate of wage and salary disbursements is compared with an alternative annual estimate.[1] This year, the two annual estimates did not differ significantly, so the NIPA estimate was used to develop the annual national control totals for the State estimates for 1999.

Revised NIPA estimates of personal income for 1997–99 will be released at the end of July. These revised estimates will incorporate tabulations of wages and salaries of employees covered by unemployment insurance (UI) for all four quarters of 1999, the most recent annual USDA data on farm proprietors' income for 1999, and other source data that are more complete, more detailed, and otherwise more appropriate than those previously incorporated.

In July, as part of the regular revision of the quarterly estimates of State personal income, the 1999 State estimates will also be revised to incorporate the fourth-quarter 1999 UI tabulations.

1. The NIPA estimate is primarily based on national data from the monthly Bureau of Labor Statistics (BLS) establishment survey; the alternative estimate is primarily based on BLS tabulations of the wages and salaries of employees covered by unemployment insurance for the first three quarters of the year and on a BEA estimate for the fourth quarter. For more detailed information, see NIPA table 8.27 on page 131 of the December 1999 SURVEY and "*Sources and Methods for the Quarterly Estimates of State Personal Income*" in *State Personal Income, 1929–97* (Washington, DC: U.S. Government Printing Office, May 1999): M–39–M–42; or go to <www.bea.doc.gov>, select methodologies, regional, and then State Personal Income, 1929–97.

Capital transfers.—Estate and gift taxes, which are linked to the transfer of assets and are therefore capital transactions from the point of view of the household, were reclassified as capital transfers; thus, they are not a part of personal income. Personal tax and nontax payments, which are subtracted from personal income to derive disposable personal income, were revised to exclude these taxes.

Alternative Measures of Household Income

Three of the most widely used measures of household income are BEA's measure of personal income, the Census Bureau's measure of money income, and the Internal Revenue Service's measure of adjusted gross income of individuals.[1]

Personal income, in general, is a more comprehensive measure. Personal income is defined as the sum of wage and salary disbursements, other labor income, proprietors' income with inventory and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance. These measures include incomes of individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds. Proprietors' income is treated in its entirety as received by individuals. Life insurance carriers and noninsured pension plans are not counted as persons, but their income (and saving) is credited to persons.

The national measure of personal income differs slightly from the State and local area measure. The national measure includes, but the State and local area measure excludes, the labor earnings of U.S. residents who are temporarily working and living abroad (mainly Federal Government employees).

Money income consists of income in cash and its equivalents that is received by individuals, and it excludes employer contributions to government employee retirement plans and to private health and pension funds, lump-sum payments except those received as part of earnings, certain in-kind transfer payments such as medicaid, medicare, and food stamps and imputed income.[2] Money income includes, but personal income excludes, personal contributions for social insurance, retirement income from government employee retirement plans and from private pensions and annuities, and income from interpersonal transfers, such as child support.

Adjusted gross income consists of the taxable income of individuals who filed a Federal income tax return. It includes, but personal income excludes, personal contributions for social insurance, gains and losses on the sale of assets, and retirement income from government employee retirement plans and from private pensions and annuities. Adjusted gross income excludes, but personal income includes, the income of the recipients of taxable incomes who, legally or illegally, did not file an individual tax return.[3]

In addition, the presentation of personal income differs from that of money income. Personal income at the national, State, and local area levels is presented annually on a per capita basis. Money income at the national and State levels is presented annually both on a per capita basis and on a median basis.[4]

As part of personal income, BEA prepares estimates of wage and salary disbursements by State and county. The Census Bureau and the Bureau of Labor Statistics (BLS) also prepare county-level estimates of wages and salaries.[5]

The Census Bureau's *County Business Patterns (CBP)* employment and payroll data are an annual extension of the quinquennial economic censuses; the data are derived from Federal administrative records and from surveys of business establishments. The data exclude agricultural production employees, household employees, and most government employees.[6]

The BLS county wage data are received from the Covered Employment and Wages, or ES–202, program, a Federal-State cooperative program; the data are derived from tabulations of monthly employment and quarterly total wages of workers who are covered by State unemployment insurance (UI) and of Federal workers who are covered by the unemployment compensation for Federal employees (UCFE) program. The BLS data include civilian government and some agricultural production employees and household employees.

The BLS data account for 95 percent of the wage and salary component of BEA's estimates of personal income. The remainder consists of adjustments that BEA makes to account for employment and wages not covered, or not fully covered, by the State UI and UCFE programs.[7]

1. For additional information, see the Census Bureau's annual publication *Money Income in the United States*; the Internal Revenue Service's annual publication *Statistics of Income—Individual Income Tax Returns*; and Thae S. Park, "Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income: New Estimates for 1997 and Revised Estimates for 1959–96," SURVEY 80 (February 2000): 12–23.

2. For a description of the imputations included in personal income, see table 8.21 "Imputations in the National Income and Product Accounts," SURVEY 80 (April 2000): 119–120.

3. For additional information, see NIPA table 8.28 "Comparison of Personal Income in the NIPA's with Adjusted Gross Income as Published by the Internal Revenue Service," SURVEY 80 (April 2000): 122.

4. For local areas, the most recent estimates of money income on a per capita basis are those for 1989, and on a median household basis, those for 1995.

5. For a complete description of the differences between the three sources of wages, see the box "Alternative Measures of County Employment and Wages," SURVEY 79 (May 1999): 53.

6. The CBP data cover only government employees who work in government hospitals, depository institutions, Federal and federally sponsored credit agencies, liquor stores, and wholesale liquor establishments.

7. See table 8.27 "Relation of Wages and Salaries in the National Income and Product Accounts (NIPA's) to Wages and Salaries as Published by the Bureau of Labor Statistics (BLS)," SURVEY 80 (April 2000): 122.

Statistical changes

Wage and salary disbursements.—For 1993–98, the State estimates of the wages and salaries paid by farms, like the national estimates, were revised to incorporate estimates from the USDA that are now based on data from the 1997 Census of Agriculture. The 1997–98 estimates of the wages paid by farm labor contractors were revised to incorporate data from the 1997 census, and the 1993–96 estimates were revised to incorporate interpolations of data from the 1992 census and data from the 1997 census.

Other labor income.—The State estimates of employer contributions for workers' compensation insurance, like the national estimates, were improved by the addition of data for nine State-chartered insurance carriers from the National Council on Compensation Insurance, the National Association of Insurance Commissioners, and the American Association of State Compensation Insurance Funds. Data for these carriers are not included in the primary source data for the national estimates, which are obtained from A.M. Best Company, Inc.

Farm proprietors' income.—The national and State estimates of farm proprietors' income are based mainly on estimates of the income of all farms from the USDA. BEA adjusts the USDA estimates to conform to the accounting definitions of business income that are used by BEA and to exclude BEA's estimates of the income of corporate farms.

The revised estimates of farm proprietors' income incorporate USDA estimates for 1990–98 that are based on data from the 1997 Census of Agriculture. In addition, the revised State estimates of the income of corporate farms for 1997–98 incorporate data from the 1997 Census of Agriculture, and the revised estimates for 1993–96 incorporate interpolations of data from the 1992 census and from the 1997 census. Data from USDA's Agricultural Resource Management Study (formerly the Farm Costs and Returns Survey) were used to interpolate and extrapolate the census data used to prepare the corporate estimates.[10]

10. In this comprehensive revision, the NIPA estimates of farm proprietors' income were improved by adopting the State farm proprietors' income method-

Data Availability

This article presents a summary of the estimates of personal income, per capita personal income, disposable personal income, and per capita disposable personal income for 1969–99, estimates of personal income by major source and earnings by industry for 1993–98 and earnings by major industry for 1999, estimates of personal income for the first quarter of 1997 through the fourth quarter of 1999, and estimates of personal income by major source and earnings by major industry for the second quarter of 1998 through the fourth quarter of 1999.

The detailed State estimates are available on a new CD–ROM. To order the CD–ROM *State Personal Income, 1969–98* (price $35, product number RCN–0249), call the Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666).

The estimates are also available on BEA's Web site; go to <www.bea.doc.gov/bea/regional/spi/recent.htm>, and look for the annual State estimates that are organized in the following files.

- Summary personal income and disposable personal income (which includes per capita personal income, per capita disposable personal income, and population) for 1969–99
- Personal income by major source and earnings by industry (Standard Industrial Classification (SIC) two digit) for 1969–98
- Wage and salary disbursements by industry (SIC two digit) for 1969–98
- Total full-time and part-time employment by industry (SIC two digit) for 1969–98
- Full-time and part-time wage and salary employment by industry (SIC two digit) for 1969–98
- State economic profiles (which include a selection of data from several of the other tables and component detail for dividends, interest, and rent) for 1969–98
- Transfer payments (by major program) for 1969–98
- Farm income and expenses (which include the major categories of gross receipts and expenses for all farms and for measures of farm income) for 1969–98
- Personal tax and nontax payments (by level of government and by type) for 1969–98

Go to <www.bea.doc.gov/bea/regional/sq/sq.htm>, and look for the quarterly State estimates for 1969–99 that are organized in the following files.

- Quarterly personal income
- Personal income by major source and earnings by major industry (SIC division level)
- Wage and salary disbursements by major industry (SIC division level)

For more information about these estimates, call the Regional Economic Information System at 202–606–5360, fax 202–606–5322, or E-mail <reis.remd@bea.doc.gov>.

Nonfarm proprietors' income.—The revised estimates of nonfarm proprietors' income for 1995–98 incorporate newly available tabulations of data by State from Federal income tax returns of sole proprietors and partnerships for 1995–96. Previously, these estimates were based on extrapolations of the 1994 tax-return data.

In addition, the State estimates for chemicals and allied products manufacturing were adjusted to exclude the income of corporate partners, because partnership income to corporations is not included in personal income.

Dividends, interest, and rent.—The State estimates of personal dividend income were improved by the separate estimation of the dividends received from "S-corporations," which are generally small corporations that use Internal Revenue Service (IRS) form 1120S to file their Federal corporate income tax returns. The State estimates of these dividends are based on "S-Corporation net income less loss" by State from the IRS *Statistics of Income* series. Previously, the State estimates of personal dividend income were based on IRS data that did not include the S-corporation dividends.

Transfer payments.—The State estimates of the benefits under the Federally aided foster care program are improved by the use of current, annual data from the Department of Health and Human Services on the Federal grants that are made to the States. The data are adjusted to reflect the fund-matching percentage that is required of each State. Previously, the estimates of the payments to foster care families were based on civilian population by State, and the estimates of the payments to the nonprofit organizations that typically supervise this program were based on extrapolations of 1969 data. This change was made because in the NIPA's, the payments for foster care and adoption assistance have been reclassified as "other" public assistance.

Adjustment for residence.—In the derivation of State personal income, estimates of the net inflow of the labor earnings of interstate commuters are added to the State estimates of the net labor earnings by place of work in order to yield net labor earnings by place of residence.[11]

The State residence adjustment estimates are revised to include in State personal income the wages and salaries of foreign residents temporarily working in the United States.[12] Previously, the income of these persons was excluded from State personal income.

Personal tax and nontax payments.—The revised estimates of net Federal income tax payments incorporate State data for 1990–95 on social security and medicare tax payments from the Social Security Administration.[13]

Revisions

The comprehensive revision of State personal income caused large percentage revisions to the estimates for a few States. For all years, personal income for the Nation and for most States was revised up (table E). The revisions to the national totals of the components of personal income had differing effects on the individual State estimates because of the differing structures of the States' economies, but the primary source of the revisions to the State estimates was the reclassification of government employee retirement plans. The changes in the State-level methodology also had differing effects, so the percentage revisions to the State estimates varied widely. However, the long-term growth rates in State personal income and the rankings of States by per capita personal income were little changed.

Revisions to long-term growth rates.—The average annual percent change in personal income for the United States was revised up 0.1 percentage point for 1969–98. At the State level, the revisions to the growth rates ranged from an upward revision of 0.2 percentage point to a downward revision of 0.1 percentage point (see table F).

The average annual percent changes in personal income for 1969–98 were unrevised for 9 States, were revised up 0.1 percentage point for 30 States, and were revised up 0.2 percentage point for 11 States. The only downward revision was 0.1 percentage point for Delaware.

The States with the largest revisions to the average annual percent changes in personal income over the current expansion (from the first quarter of 1991—the trough of the last recession—to the third quarter of 1999) were Rhode Island—up 0.5 percentage point—and the District of Columbia—down 0.9 percentage point. For 40 States, the

ology. This change in the NIPA's eliminates the difference between the two series.

11. Net labor earnings are wage and salary disbursements plus other labor income minus personal contributions for social insurance by employees. No residence adjustment is required for the other components, because they are estimated from data that are on a place-of-residence basis.

12. For additional information on this coverage difference between the NIPA's and State personal income, see the box "Personal Income in the NIPA's and State Personal Income."

13. The State estimates of these payments are derived as total tax liability less social security and medicare tax payments by the self-employed and the nonrefundable portion of the earned income tax credit.

revisions to the growth rates were between +0.2 percentage point and −0.2 percentage point.

The rankings of the four fastest growing States over the current expansion remain unchanged, and the top 10 States are the same. Similarly, the rankings of the four slowest growing States remain unchanged, and the bottom 10 States are the same.

Revisions to the estimates for 1997.—The nearly across-the-board upward revisions to the State estimates for 1997—the most recent year that detailed State estimates are available for analysis—largely reflected the reclassification of government employee retirement plans at the national level. This change resulted in substantial upward revisions to the estimates of other labor income and of dividends, interest, and rent and in downward revisions to the estimates of transfer payments and personal contributions for social insurance (table G).

For 1997, personal income for the Nation was revised up $171.5 billion, or 2.5 percent, to $6,942.1 billion. The reclassification of govern-

Table E.—Revisions to Personal Income for States and Regions for Selected Years

[Millions of dollars]

State and region	Revision					Percent revision					Percent contribution to U.S. revision				
	1969	1992	1996	1997	1998	1969	1992	1996	1997	1998	1969	1992	1996	1997	1998
United States	**1,310**	**137,258**	**130,000**	**171,464**	**193,371**	**0.2**	**2.6**	**2.0**	**2.5**	**2.7**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
New England	**–450**	**4,105**	**–396**	**3,526**	**4,870**	**–.9**	**1.3**	**–.1**	**.9**	**1.1**	**–34.4**	**3.0**	**–.3**	**2.1**	**2.5**
Connecticut	–24	1,030	–1,550	–696	–1,240	–.2	1.1	–1.4	–.6	–1.0	–1.8	.8	–1.2	–.4	–.6
Maine	–7	446	500	643	696	–.2	2.0	1.9	2.4	2.4	–.5	.3	.4	.4	.4
Massachusetts	–408	2,057	239	2,191	3,562	–1.7	1.4	.1	1.1	1.8	–31.1	1.5	.2	1.3	1.8
New Hampshire	–22	–106	–405	7	332	–.8	–.4	–1.3	0	1.0	–1.7	–.1	–.3	0	.2
Rhode Island	12	441	751	1,165	1,300	.3	2.1	3.1	4.6	4.9	.9	.3	.6	.7	.7
Vermont	0	237	69	215	220	0	2.2	.5	1.6	1.5	0	.2	.1	.1	.1
Mideast	**–199**	**18,164**	**10,091**	**14,667**	**18,755**	**–.1**	**1.7**	**.8**	**1.1**	**1.4**	**–15.2**	**13.2**	**7.8**	**8.6**	**9.7**
Delaware	–13	64	–354	–655	–395	–.5	.4	–1.8	–3.1	–1.8	–1.0	0	–.3	–.4	–.2
District of Columbia	–23	807	54	–291	–538	–.7	4.8	.3	–1.5	–2.8	–1.8	.6	0	–.2	–.3
Maryland	94	3,971	2,741	2,174	2,595	.6	3.4	2.0	1.5	1.7	7.2	2.9	2.1	1.3	1.3
New Jersey	–95	–1,147	–722	1,687	2,818	–.3	–.5	–.3	.6	1.0	–7.3	–.8	–.6	1.0	1.5
New York	–143	7,286	4,600	5,134	7,293	–.2	1.6	.9	.9	1.3	–10.9	5.3	3.5	3.0	3.8
Pennsylvania	–20	7,182	3,771	6,619	6,981	0	2.9	1.3	2.1	2.2	–1.5	5.2	2.9	3.9	3.6
Great Lakes	**909**	**24,681**	**25,252**	**36,950**	**41,342**	**.6**	**2.9**	**2.4**	**3.3**	**3.6**	**69.4**	**18.0**	**19.4**	**21.5**	**21.4**
Illinois	–200	6,581	7,830	9,972	11,288	–.4	2.5	2.5	3.0	3.2	–15.3	4.8	6.0	5.8	5.8
Indiana	65	2,877	3,320	4,332	5,289	.3	2.7	2.6	3.2	3.7	5.0	2.1	2.6	2.5	2.7
Michigan	553	4,059	4,524	8,193	8,977	1.5	2.2	1.9	3.4	3.5	42.2	3.0	3.5	4.8	4.6
Ohio	259	8,456	6,656	9,839	10,079	.6	3.9	2.6	3.6	3.6	19.8	6.2	5.1	5.7	5.2
Wisconsin	233	2,708	2,924	4,616	5,709	1.4	2.8	2.5	3.7	4.3	17.8	2.0	2.2	2.7	3.0
Plains	**246**	**9,702**	**14,230**	**16,915**	**18,505**	**.4**	**2.8**	**3.3**	**3.8**	**3.9**	**18.8**	**7.1**	**10.9**	**9.9**	**9.6**
Iowa	57	1,605	1,937	2,177	2,077	.6	3.1	3.1	3.3	3.0	4.4	1.2	1.5	1.3	1.1
Kansas	21	1,440	1,384	1,492	1,529	.3	2.9	2.4	2.4	2.3	1.6	1.0	1.1	.9	.8
Minnesota	89	2,553	4,787	6,070	7,570	.6	2.7	4.1	4.9	5.8	6.8	1.9	3.7	3.5	3.9
Missouri	29	2,192	2,727	3,967	3,799	.2	2.2	2.2	3.1	2.9	2.2	1.6	2.1	2.3	2.0
Nebraska	1	851	1,966	1,884	1,841	0	2.8	5.2	4.8	4.5	.1	.6	1.5	1.1	1.0
North Dakota	26	524	624	495	745	1.4	4.9	4.8	3.8	5.4	2.0	.4	.5	.3	.4
South Dakota	25	537	807	830	943	1.3	4.4	5.4	5.3	5.8	1.9	.4	.6	.5	.5
Southeast	**409**	**40,585**	**44,406**	**51,684**	**53,042**	**.3**	**3.6**	**3.2**	**3.5**	**3.4**	**31.2**	**29.6**	**34.2**	**30.1**	**27.4**
Alabama	22	2,700	2,093	2,500	2,389	.2	3.9	2.5	2.8	2.6	1.7	2.0	1.6	1.5	1.2
Arkansas	–11	1,477	1,584	1,902	1,962	–.2	3.9	3.4	3.8	3.8	–.8	1.1	1.2	1.1	1.0
Florida	–12	10,200	11,330	12,579	13,555	0	3.8	3.3	3.5	3.5	–.9	7.4	8.7	7.3	7.0
Georgia	–38	2,998	4,979	5,238	5,454	–.3	2.3	3.0	2.9	2.8	–2.9	2.2	3.8	3.1	2.8
Kentucky	84	2,382	2,609	2,746	2,440	.9	3.8	3.5	3.4	2.9	6.4	1.7	2.0	1.6	1.3
Louisiana	28	2,495	2,780	3,419	3,448	.3	3.6	3.3	3.8	3.7	2.1	1.8	2.1	2.0	1.8
Mississippi	53	1,431	1,748	2,120	2,127	1.0	3.9	3.7	4.3	4.1	4.0	1.0	1.3	1.2	1.1
North Carolina	113	6,062	6,459	7,691	7,973	.7	4.9	4.0	4.5	4.4	8.6	4.4	5.0	4.5	4.1
South Carolina	58	2,738	2,852	3,483	3,859	.8	4.6	3.9	4.5	4.7	4.4	2.0	2.2	2.0	2.0
Tennessee	34	2,960	3,590	4,162	4,512	.3	3.2	3.1	3.4	3.5	2.6	2.2	2.8	2.4	2.3
Virginia	60	4,350	3,587	4,599	3,842	.4	3.2	2.2	2.6	2.1	4.6	3.2	2.8	2.7	2.0
West Virginia	18	791	795	1,245	1,482	.4	2.8	2.4	3.7	4.2	1.4	.6	.6	.7	.8
Southwest	**–82**	**9,750**	**9,769**	**12,829**	**15,246**	**–.2**	**2.0**	**1.6**	**1.9**	**2.2**	**–6.3**	**7.1**	**7.5**	**7.5**	**7.9**
Arizona	37	2,120	2,396	3,808	4,887	.6	3.1	2.6	3.8	4.5	2.8	1.5	1.8	2.2	2.5
New Mexico	13	1,047	1,406	1,686	1,935	.4	4.2	4.4	5.1	5.6	1.0	.8	1.1	1.0	1.0
Oklahoma	19	2,218	2,539	2,421	2,881	.2	4.1	4.0	3.6	4.1	1.5	1.6	2.0	1.4	1.5
Texas	–151	4,365	3,428	4,915	5,543	–.4	1.3	.8	1.1	1.1	–11.5	3.2	2.6	2.9	2.9
Rocky Mountain	**69**	**4,546**	**5,254**	**7,857**	**9,637**	**.4**	**3.2**	**2.8**	**3.9**	**4.5**	**5.3**	**3.3**	**4.0**	**4.6**	**5.0**
Colorado	–52	1,517	2,277	4,085	4,595	–.6	2.1	2.3	3.9	4.0	–4.0	1.1	1.8	2.4	2.4
Idaho	25	682	755	789	1,276	1.1	3.9	3.2	3.2	4.9	1.9	.5	.6	.5	.7
Montana	34	471	446	412	844	1.5	3.5	2.7	2.4	4.7	2.6	.3	.3	.2	.4
Utah	53	1,485	1,498	2,089	2,420	1.7	5.2	3.9	5.0	5.5	4.0	1.1	1.2	1.2	1.3
Wyoming	8	391	276	482	502	.7	4.5	2.7	4.4	4.5	.6	.3	.2	.3	.3
Far West	**408**	**25,725**	**21,393**	**27,034**	**31,972**	**.3**	**2.8**	**2.0**	**2.3**	**2.6**	**31.1**	**18.7**	**16.5**	**15.8**	**16.5**
Alaska	32	1,088	1,049	1,211	1,301	2.3	8.4	7.1	8.0	8.2	2.4	.8	.8	.7	.7
California	292	16,898	13,824	15,917	19,552	.3	2.5	1.7	1.9	2.2	22.3	12.3	10.6	9.3	10.1
Hawaii	47	1,487	609	764	588	1.4	5.6	2.0	2.5	1.9	3.6	1.1	.5	.4	.3
Nevada	13	1,243	1,919	2,768	3,124	.6	4.3	4.6	6.2	6.5	1.0	.9	1.5	1.6	1.6
Oregon	8	2,614	2,405	3,461	3,733	.1	4.7	3.3	4.5	4.6	.6	1.9	1.9	2.0	1.9
Washington	15	2,396	1,587	2,913	3,674	.1	2.2	1.2	2.0	2.3	1.1	1.7	1.2	1.7	1.9

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

ment employee retirement plans accounted for $103.0 billion, or 1.5 percent of this revision.[14]

By region, the reclassification affected personal income for the Far West and Southeast regions the most, and it affected the New England region the least. By State, it affected personal income in Alaska the most—a 6.5 percent upward revision—and New Hampshire and New York, the least—a 0.6 percent upward revision.

Revisions to the estimates for 1998.—Personal income for the Nation for 1998 was revised up $193.4 billion, or 2.7 percent, to $7,351.5 billion. The revisions to State personal income for 1998 reflected both the methodological improvements and the incorporation of newly available source data.

The Great Lakes and Southeast regions accounted for nearly half of the upward revision to U.S. personal income for 1998. The Southeast region accounted for 27.4 percent of the U.S. revision; the revisions for all the States in this region except Alabama and Virginia exceeded the U.S. revision of 2.7 percent. The Great Lakes region accounted for 21.4 percent of the U.S. revision; the revisions for all five States in this region exceeded the U.S. revision. The Mideast region , which accounted for 18.9 percent of U.S. personal income, accounted for only 9.7 percent of the U.S. revision; the revisions for all five States and for the District of Columbia were less than the U.S. revision.

The revisions for six States and for the District of Columbia differed by more than 3.0 percentage points from the U.S. revision. Personal income for four States was revised up, and for two States and the District of Columbia, it was revised down (table H).

For 1998, personal income for Alaska had the largest percent revision, up 8.2 percent, or $1.3 billion. The components with the largest upward revisions to personal income were dividends, interest, and rent (6.9 percent) and other labor income (4.3 percent). These revisions more than offset a 4.1-percent downward revision to personal income that was caused by transfer payments. These revisions were mainly due to the reclassification of government employee retirement plans; government and government enterprises account for a much larger proportion of economic activity in Alaska than in most States.

Personal income for Nevada, Minnesota, and South Dakota was revised up, mainly because of upward revisions to dividends, interest, and rent. Nevada also had a substantial upward revision to other labor income.

For Connecticut, personal income was revised down as a result of downward revisions to dividends, interest, and rent and to nonfarm proprietors' income. Connecticut was the only State to have a downward revision to dividends, interest,

Table F. Revisions to Average Annual Growth Rates in Personal Income

[Percent]

State and region	1969–98			1991:I-1999:III		
	Previously published	Revised	Revision	Previously published	Revised	Revision
United States	**8.0**	**8.1**	**0.1**	**5.4**	**5.4**	**0**
New England	**7.7**	**7.8**	**.1**	**5.0**	**5.2**	**.2**
Connecticut	7.6	7.6	0	5.0	4.8	–.2
Maine	7.9	8.0	.1	4.3	4.7	.4
Massachusetts	7.6	7.7	.1	5.2	5.6	.4
New Hampshire	9.2	9.2	0	5.5	5.8	.3
Rhode Island	7.2	7.3	.1	4.1	4.6	.5
Vermont	8.1	8.2	.1	5.0	5.0	0
Mideast	**7.2**	**7.3**	**.1**	**4.6**	**4.7**	**.1**
Delaware	8.0	7.9	–.1	5.5	5.4	–.1
District of Columbia	6.1	6.1	0	3.2	2.3	–.9
Maryland	8.1	8.1	0	4.8	4.7	–.1
New Jersey	7.7	7.7	0	5.0	5.1	.1
New York	6.9	6.9	0	4.6	4.7	.1
Pennsylvania	7.0	7.1	.1	4.4	4.3	–.1
Great Lakes	**7.1**	**7.2**	**.1**	**5.2**	**5.2**	**0**
Illinois	7.1	7.2	.1	5.4	5.5	.1
Indiana	7.2	7.3	.1	5.3	5.4	.1
Michigan	7.0	7.1	.1	5.0	5.3	.3
Ohio	6.9	7.0	.1	4.8	4.7	–.1
Wisconsin	7.5	7.6	.1	5.5	5.6	.1
Plains	**7.5**	**7.6**	**.1**	**5.3**	**5.3**	**0**
Iowa	6.8	6.9	.1	5.0	4.9	–.1
Kansas	7.6	7.7	.1	5.1	5.1	0
Minnesota	8.0	8.2	.2	5.9	6.0	.1
Missouri	7.5	7.6	.1	5.0	5.1	.1
Nebraska	7.4	7.5	.1	5.2	5.3	.1
North Dakota	7.2	7.3	.1	4.9	4.2	–.7
South Dakota	7.6	7.7	.1	5.5	5.4	–.1
Southeast	**8.9**	**9.0**	**.1**	**5.8**	**5.8**	**0**
Alabama	8.2	8.3	.1	5.2	5.0	–.2
Arkansas	8.4	8.5	.1	5.5	5.5	0
Florida	10.0	10.1	.1	5.8	5.7	–.1
Georgia	9.3	9.4	.1	7.0	7.1	.1
Kentucky	7.9	7.9	0	5.5	5.5	0
Louisiana	7.8	8.0	.2	4.8	4.8	0
Mississippi	8.2	8.3	.1	5.8	5.9	.1
North Carolina	8.9	9.1	.2	6.3	6.4	.1
South Carolina	8.7	8.9	.2	5.5	5.6	.1
Tennessee	8.7	8.8	.1	6.1	6.2	.1
Virginia	8.8	8.8	0	5.4	5.3	–.1
West Virginia	7.0	7.2	.2	4.0	4.1	.1
Southwest	**9.2**	**9.3**	**.1**	**6.5**	**6.6**	**.1**
Arizona	10.5	10.6	.1	7.6	7.7	.1
New Mexico	8.9	9.1	.2	5.6	5.8	.2
Oklahoma	7.8	7.9	.1	4.6	4.6	0
Texas	9.3	9.4	.1	6.6	6.7	.1
Rocky Mountain	**9.1**	**9.3**	**.2**	**7.1**	**7.3**	**.2**
Colorado	9.6	9.8	.2	7.7	8.0	.3
Idaho	8.7	8.9	.2	6.7	7.1	.4
Montana	7.4	7.5	.1	4.9	4.8	–.1
Utah	9.5	9.6	.1	7.5	7.5	0
Wyoming	8.1	8.2	.1	4.3	4.7	.4
Far West	**8.5**	**8.5**	**0**	**5.2**	**5.3**	**.1**
Alaska	8.8	9.0	.2	3.5	3.6	.1
California	8.3	8.4	.1	4.9	4.9	0
Hawaii	8.0	8.0	0	3.2	3.0	–.2
Nevada	11.3	11.5	.2	8.7	9.0	.3
Oregon	8.5	8.7	.2	6.4	6.3	–.1
Washington	8.8	8.9	.1	6.5	6.7	.2

14. This amount differs slightly from that presented in the table "Revisions to Personal Income and Its Disposition"in the December 1999 SURVEY (page 27) for the NIPA's, because of an adjustment to the State estimates for Federal workers stationed abroad and because of a small amount of personal interest income that is not estimated separately by State.

and rent, primarily reflecting the incorporation of IRS data on dividends from S-corporations.

For Delaware, personal income was revised down as a result of a sharp downward revision to nonfarm proprietors' income in the chemicals and allied products manufacturing industry, which accounts for a large proportion of economic activity in Delaware.

For the District of Columbia, personal income was revised down as a result of an especially large downward revision to transfer payments. The large downward revision reflected the many government retirees who live in the District of Columbia and whose benefits from government retirement plans are no longer treated as government transfer payments. In addition, the upward revision to dividends, interest, and rent was small because downward revisions due to the incorporation of IRS data for personal interest income offset the upward revisions from the reclassification of government employee retirement plans.

Table G.—Effect of the Reclassification of Government Employee Retirement Plans on Personal Income for 1997

State and region	Millions of dollars		Percent	Percent revisions as a result of the reclassification					
	Personal income revision	Revision from the reclassification	Personal income revision	Total	Other labor income [1]	Less: personal contributions for social insurance [1]	Residence adjustment [1]	Dividends, interest, and rent	Transfer payments
United States	**171,464**	**102,957**	**2.5**	**1.5**	**1.5**	**0.4**	**0**	**1.8**	**–2.2**
New England	**3,526**	**3,551**	**.9**	**.9**	**1.2**	**.3**	**0**	**1.0**	**–1.7**
Connecticut	–696	862	–.6	.7	.9	.3	0	.9	–1.4
Maine	643	217	2.4	.8	1.8	.6	–.1	1.1	–2.6
Massachusetts	2,191	1,765	1.1	.9	1.3	.3	0	1.0	–1.7
New Hampshire	7	196	0	.6	.6	.3	.3	1.0	–1.6
Rhode Island	1,165	398	4.6	1.5	1.7	.6	0	1.5	–2.4
Vermont	215	113	1.6	.8	.9	.3	0	1.0	–1.3
Mideast	**14,667**	**14,104**	**1.1**	**1.1**	**1.4**	**.3**	**–.1**	**1.7**	**–2.2**
Delaware	–655	201	–3.1	1.0	1.2	.2	0	1.4	–1.9
District of Columbia	–291	692	–1.5	3.7	20.2	2.4	–16.9	4.9	–6.9
Maryland	2,174	5,515	1.5	3.7	2.5	.3	1.3	3.3	–3.6
New Jersey	1,687	1,896	.6	.7	1.2	.4	.1	.6	–1.6
New York	5,134	3,486	.9	.6	.8	.1	0	2.0	–2.3
Pennsylvania	6,619	2,313	2.1	.7	1.0	.3	0	1.3	–1.9
Great Lakes	**36,950**	**14,489**	**3.3**	**1.3**	**1.2**	**.4**	**0**	**1.5**	**–1.8**
Illinois	9,972	3,506	3.0	1.0	1.1	.4	0	1.3	–1.7
Indiana	4,332	1,464	3.2	1.0	1.0	.2	0	1.0	–1.2
Michigan	8,193	1,945	3.4	.8	1.1	.2	0	1.0	–1.6
Ohio	9,839	6,168	3.6	2.2	1.5	.8	0	2.3	–2.4
Wisconsin	4,616	1,406	3.7	1.1	1.1	.1	0	1.5	–1.6
Plains	**16,915**	**7,803**	**3.8**	**1.7**	**1.1**	**.4**	**0**	**1.8**	**–1.6**
Iowa	2,177	655	3.3	1.0	.7	.3	.1	1.1	–1.3
Kansas	1,492	703	2.4	1.1	1.3	.4	0	1.2	–1.8
Minnesota	6,070	3,660	4.9	2.8	.8	.4	0	3.1	–1.6
Missouri	3,967	1,716	3.1	1.3	1.3	.4	–.1	1.5	–1.8
Nebraska	1,884	489	4.8	1.2	1.2	.3	0	1.2	–1.5
North Dakota	495	310	3.8	2.3	2.2	.4	–.1	1.5	–1.7
South Dakota	830	270	5.3	1.6	1.4	.5	0	1.8	–2.0
Southeast	**51,684**	**28,110**	**3.5**	**1.8**	**1.8**	**.3**	**.1**	**2.0**	**–2.4**
Alabama	2,500	1,385	2.8	1.5	1.8	.5	0	2.2	–3.0
Arkansas	1,902	558	3.8	1.1	1.3	.2	0	1.8	–2.1
Florida	12,579	4,134	3.5	1.1	1.7	.1	0	1.6	–2.2
Georgia	5,238	4,049	2.9	2.2	1.8	.3	0	2.2	–2.1
Kentucky	2,746	1,534	3.4	1.8	1.9	.6	–.3	1.7	–2.0
Louisiana	3,419	1,326	3.8	1.4	1.7	.6	0	1.6	–2.6
Mississippi	2,120	920	4.3	1.8	1.9	.7	0	1.7	–2.6
North Carolina	7,691	4,989	4.5	2.8	1.6	.5	0	2.6	–2.0
South Carolina	3,483	1,421	4.5	1.8	1.6	.6	0	2.3	–2.8
Tennessee	4,162	1,529	3.4	1.2	1.0	.2	.2	1.6	–1.7
Virginia	4,599	5,695	2.6	3.2	3.3	.2	.7	2.8	–3.8
West Virginia	1,245	570	3.7	1.6	1.8	.3	0	1.5	–2.0
Southwest	**12,829**	**9,312**	**1.9**	**1.4**	**1.4**	**.5**	**0**	**1.8**	**–2.3**
Arizona	3,808	690	3.8	.7	1.2	.3	0	1.6	–2.4
New Mexico	1,686	901	5.1	2.6	2.6	1.0	0	2.8	–3.7
Oklahoma	2,421	1,034	3.6	1.5	2.1	.5	0	1.9	–3.1
Texas	4,915	6,688	1.1	1.4	1.3	.5	0	1.8	–2.1
Rocky Mountain	**7,857**	**3,634**	**3.9**	**1.8**	**1.9**	**.4**	**0**	**1.9**	**–2.5**
Colorado	4,085	2,039	3.9	1.9	2.1	.4	0	1.8	–2.5
Idaho	789	378	3.2	1.5	1.6	.7	0	1.4	–2.2
Montana	412	395	2.4	2.2	1.8	.8	0	2.6	–2.9
Utah	2,089	598	5.0	1.4	1.8	.2	0	1.8	–2.5
Wyoming	482	223	4.4	2.0	1.7	.2	0	2.6	–2.5
Far West	**27,034**	**21,954**	**2.3**	**1.8**	**1.6**	**.5**	**0**	**2.2**	**–2.4**
Alaska	1,211	981	8.0	6.0	4.3	1.2	0	4.4	–4.1
California	15,917	14,891	1.9	1.7	1.4	.5	0	2.2	–2.3
Hawaii	764	1,200	2.5	3.8	4.6	.4	0	3.0	–4.1
Nevada	2,768	819	6.2	1.7	1.7	.2	0	2.1	–2.2
Oregon	3,461	1,918	4.5	2.4	1.2	.5	0	3.5	–2.8
Washington	2,913	2,145	2.0	1.4	1.8	.5	0	1.5	–2.4

1. Other labor income and personal contributions for social insurance by employees, which account for most of the total contributions, are estimated by place of work. For the purposes of this table, a residence adjustment was culated for each component. The revisions to the adjustment for residence reflect mainly the revisions to the esitmates of other labor income and personal contributions for social insurance by employees.

Revisions to the ranking by per capita personal income for 1998.—By region, the revisions to personal income changed the ranking of the Southeast and Southwest regions. The Southwest region, at $24,551, now has the lowest per capita personal income, followed by the Southeast region, at $24,605. The New England region, at $32,373, still has the highest per capita personal income (table I).

By State, Alabama and Alaska had the largest shifts in ranking. Alabama shifted from 40th to 44th, and Alaska shifted from 20th to 16th. Nine other States had shifts of three places in the ranking.

The rankings of the top five States were unchanged; Connecticut, at $37,338, still has the highest per capita personal income of any State. There was only one change from the previously published top 10 rankings: Washington shifted from 10th to 12th, and Minnesota shifted from 11th to 10th.

There were two changes from the previously published bottom 10 rankings: Kentucky, which was ranked 39th, is now ranked 42nd; Alabama, which was ranked 40th, is now ranked 44th; South Carolina, which was ranked 41st, is now ranked 39th; and Utah, which was ranked 43rd, is now ranked 40th. Mississippi, at $19,776, still has the lowest per capita personal income of any State.

Tables 1 to 7 follow.

Table I.—Revisions to Per Capita Personal Income for 1998

State and Region	Dollars		Rank	
	Previously published	Revised	Previously published	Revised
United States	**26,482**	**27,203**	**...**	**...**
Alabama	21,500	22,054	40	44
Alaska	25,771	27,835	20	16
Arizona	23,152	24,206	35	35
Arkansas	20,393	21,167	46	47
California	27,579	28,163	12	14
Colorado	28,821	29,994	9	6
Connecticut	37,700	37,338	1	1
Delaware	29,932	29,383	6	9
District of Columbia	37,325	36,415	...	...
Florida	25,922	26,845	19	19
Georgia	25,106	25,839	23	25
Hawaii	26,210	26,759	17	20
Idaho	21,080	22,079	44	43
Illinois	28,976	29,853	8	7
Indiana	24,302	25,163	29	29
Iowa	24,007	24,745	32	31
Kansas	25,049	25,537	24	26
Kentucky	21,551	22,183	39	42
Louisiana	21,385	22,206	42	41
Maine	23,002	23,499	36	37
Maryland	30,023	30,557	5	5
Massachusetts	32,902	33,496	3	3
Michigan	25,979	26,885	18	18
Minnesota	27,667	29,263	11	10
Mississippi	18,998	19,776	50	50
Missouri	24,447	25,150	28	30
Montana	20,247	21,229	47	46
Nebraska	24,786	25,924	26	23
Nevada	27,360	29,200	14	11
New Hampshire	29,219	29,480	7	8
New Jersey	33,953	34,383	2	2
New Mexico	20,008	21,164	48	48
New York	31,679	32,108	4	4
North Carolina	24,122	25,181	31	28
North Dakota	21,708	22,892	38	38
Ohio	25,239	26,073	21	22
Oklahoma	21,056	21,964	45	45
Oregon	24,775	25,912	27	24
Pennsylvania	26,889	27,469	16	17
Rhode Island	26,924	28,262	15	13
South Carolina	21,387	22,372	41	39
South Dakota	22,201	23,715	37	36
Tennessee	23,615	24,437	33	33
Texas	25,028	25,369	25	27
Utah	21,096	22,240	43	40
Vermont	24,217	24,602	30	32
Virginia	27,489	28,063	13	15
Washington	28,066	28,719	10	12
West Virginia	19,373	20,185	49	49
Wisconsin	25,184	26,284	22	21
Wyoming	23,225	24,312	34	34
BEA regions				
New England	32,007	32,373	1	1
Mideast	30,652	31,100	2	2
Great Lakes	26,290	27,187	4	4
Plains	25,126	26,118	5	5
Southeast	23,793	24,605	8	7
Southwest	23,985	24,551	7	8
Rocky Mountain	24,668	25,783	6	6
Far West	27,367	28,068	3	3

Table H.—Revisions to Personal Income by Component for Selected States for 1998

[Percent change]

	Total personal income	Wages and salaries [1]	Other labor income [1]	Nonfarm proprietors' income	Farm proprietors' income	Dividends, interest, and rent	Transfer payments	Personal contributions for social insurance [1]	Residence adjustment [2]
United States	**2.7**	**–.1**	**1.5**	**0.5**	**0**	**2.7**	**–2.3**	**0.4**	**0**
Alaska	8.2	0	4.3	–.2	0	6.9	–4.1	1.3	–.1
Nevada	6.5	0	1.9	.2	–.1	6.6	–2.4	.2	0
Minnesota	5.8	–.2	.8	0	.1	6.1	–1.5	.6	.1
South Dakota	5.8	–.1	1.5	–1.3	.3	6.5	–2.0	.7	.1
Connecticut	–1.0	0	.9	–.2	0	–.4	–1.6	.3	–.1
Delaware	–1.8	–.4	1.2	–3.9	–.1	1.3	–2.0	.3	1.8
District of Columbia	–2.8	–.2	18.8	–.6	0	.9	–7.6	1.8	–15.9

1. Wage and salary disbursements, other labor income, and personal contributions for social insurance by employees, which account for most of the total contributions, are estimated by place of work. For the derivation of personal income, the net sum of these components (wages plus other labor income less personal contributions) is converted to a place-of-residence basis through the addition of the adjustment for residence, which is not calculated for each component.

2. The revisions to the adjustment for residence mainly reflect the revisions to the estimates of wage and salary disbursements, other labor income and personal contributions for social insurance by employees.

NOTE.—The revisions to the estimates of personal income for these States are more than 3.0 percentage points greater than, or less than, the revision to the national estimate. Estimates may not add to totals because of rounding.

Comprehensive Revision of State Personal Income for 1969–99

Table 1.—Personal Income by State and Region, 1969–99

[Millions of dollars]

Area name	1969 r	1970 r	1971 r	1972 r	1973 r	1974 r	1975 r	1976 r	1977 r	1978 r	1979 r
United States	**774,262**	**834,455**	**899,249**	**988,362**	**1,107,992**	**1,220,181**	**1,326,214**	**1,469,752**	**1,630,901**	**1,841,340**	**2,072,839**
New England	**49,218**	**52,892**	**56,140**	**60,814**	**66,688**	**72,577**	**77,479**	**84,948**	**93,301**	**104,140**	**117,069**
Connecticut	14,540	15,468	16,227	17,488	19,154	20,955	22,329	24,334	26,909	30,081	34,008
Maine	3,115	3,412	3,650	3,999	4,520	5,050	5,386	6,222	6,789	7,531	8,434
Massachusetts	23,770	25,589	27,244	29,420	32,108	34,802	37,100	40,208	43,863	48,698	54,427
New Hampshire	2,711	2,890	3,126	3,457	3,913	4,313	4,642	5,301	6,009	6,960	8,007
Rhode Island	3,602	3,910	4,140	4,515	4,863	5,154	5,531	6,093	6,690	7,364	8,222
Vermont	1,481	1,622	1,752	1,934	2,131	2,304	2,492	2,791	3,041	3,506	3,972
Mideast	**182,368**	**196,543**	**210,097**	**227,051**	**246,658**	**268,578**	**288,774**	**313,712**	**342,391**	**377,206**	**417,293**
Delaware	2,387	2,536	2,765	3,043	3,400	3,701	3,962	4,356	4,707	5,179	5,718
District of Columbia	3,450	3,789	4,162	4,517	4,785	5,266	5,731	6,110	6,615	7,001	7,432
Maryland	16,281	18,010	19,684	21,593	23,923	26,378	28,592	31,442	34,360	38,168	42,381
New Jersey	32,106	34,763	37,335	40,507	44,327	48,236	51,658	56,572	62,130	69,206	77,188
New York	83,346	89,292	95,115	101,636	108,803	117,323	125,420	134,395	145,544	159,114	175,040
Pennsylvania	44,796	48,153	51,036	55,755	61,420	67,674	73,412	80,837	89,035	98,539	109,533
Great Lakes	**161,536**	**169,462**	**181,909**	**198,768**	**223,387**	**243,198**	**260,632**	**289,377**	**322,534**	**359,263**	**398,184**
Illinois	48,062	50,948	54,617	59,280	66,471	72,877	78,990	86,598	95,637	106,079	117,000
Indiana	19,099	19,827	21,549	23,593	27,177	29,103	31,197	35,002	38,910	43,602	48,256
Michigan	36,400	37,310	40,381	44,815	50,370	53,984	57,191	64,588	72,863	81,287	89,727
Ohio	41,555	43,748	46,461	50,410	56,188	61,722	65,556	72,611	80,906	89,887	99,899
Wisconsin	16,421	17,629	18,901	20,670	23,182	25,512	27,697	30,578	34,218	38,408	43,302
Plains	**58,062**	**62,776**	**67,468**	**74,607**	**87,538**	**92,855**	**101,249**	**109,419**	**121,538**	**138,372**	**153,711**
Iowa	10,244	10,924	11,421	12,796	15,460	16,050	17,841	19,106	21,225	24,630	26,584
Kansas	7,934	8,577	9,309	10,405	11,943	12,965	14,097	15,448	16,937	18,853	21,690
Minnesota	14,201	15,463	16,467	17,898	21,099	22,757	24,404	26,623	30,085	33,924	37,996
Missouri	16,522	18,003	19,396	21,120	23,574	25,277	27,494	30,416	33,874	37,933	42,601
Nebraska	5,266	5,648	6,200	6,873	8,054	8,404	9,507	9,996	10,870	12,674	13,742
North Dakota	1,895	1,989	2,299	2,761	3,903	3,881	4,044	3,990	4,172	5,294	5,477
South Dakota	2,001	2,171	2,376	2,754	3,505	3,520	3,862	3,840	4,376	5,064	5,621
Southeast	**133,979**	**146,709**	**161,619**	**181,809**	**207,663**	**232,035**	**252,583**	**283,155**	**315,802**	**360,348**	**408,144**
Alabama	9,453	10,276	11,279	12,544	14,181	15,786	17,537	19,893	22,005	24,923	27,855
Arkansas	5,010	5,500	6,105	6,893	8,203	9,191	10,047	11,179	12,514	14,587	16,084
Florida	24,297	27,419	30,701	35,365	41,495	46,712	50,353	55,438	62,309	72,332	84,094
Georgia	14,390	15,630	17,268	19,411	22,064	24,312	26,061	29,189	32,423	36,945	41,633
Kentucky	9,503	10,287	11,185	12,394	13,974	15,741	17,113	19,283	21,788	24,501	27,838
Louisiana	10,498	11,336	12,348	13,515	15,132	17,233	19,263	21,960	24,636	28,314	32,342
Mississippi	5,345	5,866	6,495	7,403	8,489	9,362	10,093	11,562	12,937	14,445	16,425
North Carolina	15,351	16,748	18,255	20,647	23,492	25,904	27,889	31,233	34,339	38,921	43,288
South Carolina	7,264	7,961	8,715	9,795	11,181	12,678	13,689	15,462	16,990	19,264	21,744
Tennessee	11,563	12,557	13,839	15,569	17,786	19,732	21,378	24,132	26,887	30,761	34,535
Virginia	16,418	17,685	19,448	21,657	24,396	27,300	30,005	33,538	37,439	42,483	47,894
West Virginia	4,886	5,444	5,981	6,617	7,268	8,085	9,154	10,287	11,535	12,872	14,411
Southwest	**54,379**	**60,062**	**65,623**	**73,036**	**83,516**	**94,357**	**105,799**	**119,822**	**134,513**	**155,988**	**181,662**
Arizona	6,061	6,897	7,860	9,013	10,476	11,854	12,640	14,262	16,122	19,100	22,702
New Mexico	2,953	3,271	3,613	4,054	4,568	5,160	5,866	6,606	7,459	8,571	9,756
Oklahoma	8,108	8,925	9,716	10,682	12,188	13,623	15,176	16,867	18,874	21,518	25,200
Texas	37,257	40,969	44,434	49,287	56,283	63,719	72,117	82,087	92,059	106,800	124,003
Rocky Mountain	**17,002**	**19,020**	**21,116**	**23,967**	**27,549**	**31,152**	**34,227**	**38,246**	**42,955**	**49,995**	**57,057**
Colorado	7,983	9,018	10,166	11,520	13,252	14,901	16,347	18,148	20,400	23,625	27,342
Idaho	2,311	2,552	2,778	3,168	3,683	4,349	4,635	5,241	5,751	6,668	7,363
Montana	2,279	2,527	2,694	3,132	3,646	3,966	4,341	4,703	5,119	6,053	6,549
Utah	3,249	3,614	4,026	4,514	5,057	5,686	6,355	7,302	8,331	9,606	11,026
Wyoming	1,179	1,308	1,451	1,633	1,912	2,250	2,550	2,852	3,355	4,044	4,777
Far West	**117,718**	**126,992**	**135,277**	**148,309**	**164,994**	**185,428**	**205,471**	**231,073**	**257,866**	**296,027**	**339,719**
Alaska	1,406	1,595	1,766	1,939	2,266	2,795	3,932	4,736	4,906	5,013	5,328
California	89,485	96,421	102,416	112,211	124,102	138,734	152,721	171,412	191,536	219,674	252,213
Hawaii	3,379	3,888	4,221	4,660	5,178	5,965	6,465	7,032	7,652	8,497	9,679
Nevada	2,170	2,440	2,718	3,038	3,478	3,873	4,345	4,993	5,798	7,035	8,237
Oregon	7,582	8,276	9,056	10,153	11,497	13,062	14,367	16,398	18,431	21,272	24,275
Washington	13,696	14,372	15,100	16,307	18,473	20,999	23,641	26,502	29,544	34,536	39,987

See footnotes at end of table.

Table 1.—Personal Income by State and Region, 1969–99—Continued

[Millions of dollars]

Area name	1980 r	1981 r	1982 r	1983 r	1984 r	1985 r	1986 r	1987 r	1988 r	1989 r	1990 r
United States	**2,313,921**	**2,588,335**	**2,756,954**	**2,935,040**	**3,260,064**	**3,498,662**	**3,697,359**	**3,945,515**	**4,255,000**	**4,582,429**	**4,885,525**
New England	**132,395**	**147,774**	**159,591**	**172,548**	**193,939**	**209,851**	**226,352**	**248,095**	**273,667**	**292,630**	**302,739**
Connecticut	38,726	43,380	46,782	49,963	55,906	60,063	64,598	71,099	78,551	84,703	87,935
Maine	9,474	10,459	11,223	12,078	13,480	14,575	15,754	17,289	19,036	20,600	21,521
Massachusetts	61,329	68,242	73,889	80,376	90,815	98,329	105,976	115,761	127,580	135,096	139,772
New Hampshire	9,164	10,377	11,284	12,495	14,198	15,767	17,399	19,369	21,390	22,792	23,029
Rhode Island	9,243	10,306	11,073	11,896	13,194	14,229	15,233	16,478	18,205	19,670	20,287
Vermont	4,460	5,010	5,340	5,740	6,345	6,887	7,392	8,100	8,905	9,769	10,193
Mideast	**464,044**	**515,105**	**553,286**	**590,053**	**651,738**	**697,625**	**742,758**	**797,956**	**868,357**	**932,472**	**988,666**
Delaware	6,427	7,076	7,626	8,191	9,061	9,927	10,531	11,423	12,507	13,778	14,476
District of Columbia	7,881	8,617	9,389	9,823	10,847	11,534	12,146	12,898	14,147	15,174	16,078
Maryland	47,475	52,861	56,730	61,372	68,506	74,852	80,612	87,731	96,072	104,005	110,450
New Jersey	86,877	96,717	104,023	112,284	124,377	133,549	142,617	155,179	170,764	182,298	192,117
New York	194,906	217,203	234,717	250,945	279,294	297,729	317,914	340,068	369,668	395,022	419,743
Pennsylvania	120,478	132,632	140,802	147,437	159,652	170,034	178,938	190,657	205,200	222,195	235,802
Great Lakes	**431,511**	**469,882**	**487,227**	**510,969**	**565,164**	**601,455**	**632,297**	**667,441**	**713,443**	**762,815**	**805,743**
Illinois	126,662	140,177	145,889	151,615	167,548	176,786	185,432	196,947	210,272	224,024	237,593
Indiana	51,881	56,752	58,494	61,063	67,928	71,752	75,382	80,258	85,759	92,630	97,907
Michigan	95,967	102,455	104,477	110,771	122,857	133,728	142,146	148,191	158,529	169,113	177,103
Ohio	109,120	118,479	123,547	130,647	144,407	153,456	160,236	168,668	180,757	193,035	204,114
Wisconsin	47,881	52,018	54,819	56,873	62,423	65,733	69,101	73,378	78,126	84,013	89,025
Plains	**165,837**	**187,045**	**197,115**	**206,081**	**230,380**	**243,973**	**254,901**	**269,737**	**283,039**	**303,631**	**322,236**
Iowa	28,181	31,894	32,425	32,967	36,586	37,903	39,144	41,225	42,399	45,888	48,313
Kansas	23,781	26,824	28,789	29,888	32,971	34,784	36,256	38,107	40,207	42,267	45,104
Minnesota	42,157	46,546	49,546	52,158	59,267	63,152	66,784	71,570	75,578	82,277	87,795
Missouri	46,217	51,576	54,396	57,919	64,479	69,342	72,859	77,115	81,744	87,050	91,000
Nebraska	14,578	16,866	17,761	18,379	20,601	21,778	22,379	23,553	25,119	26,581	28,591
North Dakota	5,297	6,820	7,352	7,704	8,375	8,673	8,788	8,968	8,352	9,280	10,121
South Dakota	5,625	6,517	6,847	7,066	8,101	8,340	8,691	9,199	9,639	10,288	11,312
Southeast	**460,761**	**520,469**	**556,531**	**598,511**	**669,482**	**722,928**	**768,564**	**825,358**	**894,629**	**968,835**	**1,035,261**
Alabama	30,781	34,137	36,052	38,487	42,681	46,015	48,704	51,846	55,699	60,044	64,095
Arkansas	17,363	19,638	20,539	21,848	24,496	26,211	27,364	28,540	30,493	32,410	34,159
Florida	98,882	114,110	123,450	135,842	151,952	166,919	179,952	196,939	216,505	240,687	258,479
Georgia	46,489	52,536	56,801	62,145	71,100	78,364	85,126	92,007	100,277	107,725	115,414
Kentucky	30,159	33,439	35,319	36,423	40,877	42,703	44,234	47,081	49,939	53,696	57,175
Louisiana	37,301	42,990	45,955	47,754	51,171	53,432	53,005	53,287	56,239	59,528	64,229
Mississippi	17,868	20,061	21,223	22,120	24,397	25,679	26,695	28,249	30,177	32,281	33,928
North Carolina	48,648	54,704	58,324	63,685	72,659	79,105	84,988	91,734	100,196	108,585	115,609
South Carolina	24,429	27,504	29,096	31,614	35,696	38,536	40,974	44,136	47,923	51,276	56,158
Tennessee	38,268	42,556	45,043	47,884	53,675	57,750	61,581	66,524	71,901	77,105	82,267
Virginia	54,627	61,470	66,326	71,985	80,697	87,362	94,364	102,817	112,022	121,058	127,614
West Virginia	15,947	17,325	18,403	18,723	20,081	20,853	21,578	22,198	23,259	24,440	26,133
Southwest	**209,160**	**244,433**	**266,387**	**281,428**	**311,524**	**335,615**	**343,547**	**354,762**	**376,245**	**403,626**	**434,654**
Arizona	26,255	29,950	31,629	34,601	39,521	43,957	47,848	52,003	55,837	60,011	63,319
New Mexico	11,002	12,440	13,493	14,455	15,889	17,259	17,883	18,756	19,854	21,183	22,739
Oklahoma	29,131	34,067	37,887	38,579	41,683	43,396	43,222	43,221	45,153	48,090	51,027
Texas	142,772	167,976	183,378	193,793	214,431	231,003	234,594	240,782	255,402	274,343	297,569
Rocky Mountain	**64,971**	**73,763**	**79,572**	**84,615**	**92,374**	**97,408**	**100,364**	**104,390**	**109,620**	**118,525**	**127,663**
Colorado	31,442	36,154	39,632	42,523	46,762	49,467	51,062	53,528	56,387	60,760	65,095
Idaho	8,280	9,050	9,368	10,128	10,968	11,577	11,851	12,422	13,354	14,721	16,054
Montana	7,211	8,147	8,580	8,991	9,609	9,785	10,143	10,463	10,693	11,693	12,416
Utah	12,464	14,078	15,282	16,481	18,223	19,462	20,367	21,208	22,225	23,843	25,939
Wyoming	5,573	6,333	6,710	6,493	6,812	7,117	6,941	6,770	6,962	7,510	8,159
Far West	**385,242**	**429,865**	**457,245**	**490,834**	**545,463**	**589,808**	**628,576**	**677,776**	**736,000**	**799,895**	**868,563**
Alaska	6,002	6,902	8,263	9,302	9,958	10,756	10,721	10,427	10,776	11,778	12,566
California	286,289	320,691	341,872	367,505	411,616	447,103	477,762	517,348	561,121	606,701	655,567
Hawaii	11,140	12,041	12,846	14,056	15,328	16,316	17,259	18,574	20,399	22,483	24,915
Nevada	9,544	10,833	11,448	12,145	13,351	14,581	15,716	17,281	19,544	22,256	25,194
Oregon	26,930	28,981	29,654	31,392	34,309	36,205	38,003	40,274	44,030	48,060	52,178
Washington	45,338	50,418	53,161	56,435	60,901	64,847	69,114	73,872	80,130	88,616	98,143

See footnotes at end of table.

Table 1.—Personal Income by State and Region, 1969–99—Continued

[Millions of dollars]

Area name	1991 r	1992 r	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	Percent change			
										1995-96	1996-97	1997-98	1998-99
United States	**5,065,416**	**5,376,622**	**5,598,446**	**5,878,362**	**6,192,235**	**6,538,103**	**6,942,114**	**7,351,547**	**7,776,493**	**5.6**	**6.2**	**5.9**	**5.8**
New England	**307,013**	**322,471**	**333,140**	**347,347**	**364,297**	**384,144**	**410,384**	**434,722**	**462,422**	**5.4**	**6.8**	**5.9**	**6.4**
Connecticut	88,344	93,779	96,866	99,788	104,315	109,354	116,477	122,191	128,548	4.8	6.5	4.9	5.2
Maine	21,820	22,676	23,292	24,174	25,046	26,434	27,886	29,316	31,276	5.5	5.5	5.1	6.7
Massachusetts	142,464	149,096	154,262	161,886	170,052	180,237	193,199	205,814	220,658	6.0	7.2	6.5	7.2
New Hampshire	23,609	24,652	25,273	26,990	28,650	30,228	32,553	34,958	37,121	5.5	7.7	7.4	6.2
Rhode Island	20,444	21,269	22,090	22,612	23,787	24,818	26,505	27,914	29,447	4.3	6.8	5.3	5.5
Vermont	10,332	10,999	11,357	11,898	12,449	13,073	13,764	14,529	15,373	5.0	5.3	5.6	5.8
Mideast	**1,018,680**	**1,074,930**	**1,103,630**	**1,140,466**	**1,193,865**	**1,255,345**	**1,318,610**	**1,388,707**	**1,464,991**	**5.1**	**5.0**	**5.3**	**5.5**
Delaware	15,204	15,939	16,663	17,378	18,237	19,369	20,291	21,863	23,122	6.2	4.8	7.7	5.8
District of Columbia	16,651	17,533	18,251	18,499	18,217	18,517	18,628	18,988	19,840	1.6	.6	1.9	4.5
Maryland	114,466	119,417	124,076	129,849	135,115	140,809	148,264	156,759	166,350	4.2	5.3	5.7	6.1
New Jersey	195,796	208,197	213,419	220,817	233,209	246,659	262,423	278,349	294,024	5.8	6.4	6.1	5.6
New York	431,672	455,657	464,201	478,586	503,163	530,990	554,061	583,061	617,709	5.5	4.3	5.2	5.9
Pennsylvania	244,892	258,186	267,020	275,337	285,923	299,001	314,944	329,687	343,946	4.6	5.3	4.7	4.3
Great Lakes	**831,381**	**888,017**	**929,524**	**984,893**	**1,034,159**	**1,079,799**	**1,144,594**	**1,203,240**	**1,257,829**	**4.4**	**6.0**	**5.1**	**4.5**
Illinois	245,952	264,869	274,221	288,509	304,767	322,790	341,938	360,317	379,351	5.9	5.9	5.4	5.3
Indiana	101,147	108,845	114,675	121,537	126,525	132,890	140,405	148,651	155,061	5.0	5.7	5.9	4.3
Michigan	181,495	192,038	203,828	219,121	231,594	238,095	252,266	264,016	274,643	2.8	6.0	4.7	4.0
Ohio	210,117	222,812	232,463	245,156	255,313	264,162	280,289	292,999	304,847	3.5	6.1	4.5	4.0
Wisconsin	92,669	99,454	104,337	110,570	115,960	121,864	129,697	137,256	143,927	5.1	6.4	5.8	4.9
Plains	**335,351**	**357,609**	**368,899**	**393,000**	**410,645**	**439,948**	**463,645**	**488,226**	**512,961**	**7.1**	**5.4**	**5.3**	**5.1**
Iowa	49,849	53,161	53,391	57,999	60,171	64,696	68,170	70,797	73,821	7.5	5.4	3.9	4.3
Kansas	46,990	50,407	52,250	54,857	56,627	60,074	63,855	67,383	70,686	6.1	6.3	5.5	4.9
Minnesota	90,714	97,025	99,787	107,152	113,217	122,080	129,080	138,307	146,236	7.8	5.7	7.1	5.7
Missouri	95,730	101,493	106,298	112,314	117,640	123,992	131,762	136,754	143,199	5.4	6.3	3.8	4.7
Nebraska	29,853	31,548	32,513	34,325	36,293	39,618	41,019	43,053	45,710	9.2	3.5	5.0	6.2
North Dakota	10,318	11,242	11,362	12,177	12,243	13,607	13,380	14,600	14,903	11.1	–1.7	9.1	2.1
South Dakota	11,897	12,732	13,297	14,177	14,454	15,883	16,379	17,331	18,406	9.9	3.1	5.8	6.2
Southeast	**1,083,034**	**1,153,443**	**1,218,508**	**1,289,941**	**1,366,116**	**1,445,912**	**1,533,940**	**1,621,530**	**1,712,690**	**5.8**	**6.1**	**5.7**	**5.6**
Alabama	67,650	72,282	75,439	79,832	83,903	87,221	91,848	95,956	100,269	4.0	5.3	4.5	4.5
Arkansas	36,164	39,322	41,190	43,498	45,995	48,700	51,344	53,725	56,421	5.9	5.4	4.6	5.0
Florida	268,304	279,028	296,927	311,909	333,525	355,136	376,559	400,209	423,460	6.5	6.0	6.3	5.8
Georgia	121,094	130,684	138,771	149,165	159,800	172,935	184,113	197,319	211,823	8.2	6.5	7.2	7.4
Kentucky	60,329	65,060	67,559	70,781	74,080	78,221	83,181	87,274	91,735	5.6	6.3	4.9	5.1
Louisiana	68,179	72,466	75,911	80,872	84,573	87,879	92,486	96,878	99,646	3.9	5.2	4.7	2.9
Mississippi	35,775	38,398	40,768	44,077	46,242	48,898	51,557	54,410	56,773	5.7	5.4	5.5	4.3
North Carolina	120,648	130,627	139,239	147,793	157,634	167,638	179,845	190,009	200,601	6.3	7.3	5.7	5.6
South Carolina	58,406	61,803	64,711	68,511	72,050	76,287	81,169	85,898	91,300	5.9	6.4	5.8	6.3
Tennessee	86,583	94,465	100,394	106,855	114,260	119,287	126,096	132,756	140,275	4.4	5.7	5.3	5.7
Virginia	132,536	140,207	147,223	154,982	161,442	169,938	180,510	190,528	202,642	5.3	6.2	5.5	6.4
West Virginia	27,367	29,101	30,375	31,666	32,611	33,771	35,233	36,569	37,744	3.6	4.3	3.8	3.2
Southwest	**458,108**	**490,173**	**517,898**	**550,067**	**586,017**	**624,034**	**673,287**	**723,099**	**767,549**	**6.5**	**7.9**	**7.4**	**6.1**
Arizona	66,077	70,120	74,900	82,014	88,870	95,787	103,968	112,974	120,923	7.8	8.5	8.7	7.0
New Mexico	24,358	25,964	27,819	29,670	31,716	33,232	34,955	36,688	38,386	4.8	5.2	5.0	4.6
Oklahoma	52,947	56,155	58,395	60,800	63,333	66,289	69,865	73,350	76,566	4.7	5.4	5.0	4.4
Texas	314,726	337,934	356,784	377,583	402,097	428,726	464,500	500,087	531,675	6.6	8.3	7.7	6.3
Rocky Mountain	**135,540**	**145,514**	**156,962**	**167,291**	**179,684**	**192,141**	**207,455**	**223,280**	**239,750**	**6.9**	**8.0**	**7.6**	**7.4**
Colorado	68,992	74,207	80,212	85,860	92,947	100,012	109,228	119,044	128,489	7.6	9.2	9.0	7.9
Idaho	16,825	18,382	20,105	21,399	22,869	24,173	25,440	27,177	29,346	5.7	5.2	6.8	8.0
Montana	13,337	14,076	15,178	15,499	16,297	16,992	17,688	18,671	19,699	4.3	4.1	5.6	5.5
Utah	27,750	29,788	31,950	34,579	37,278	40,354	43,770	46,717	49,745	8.3	8.5	6.7	6.5
Wyoming	8,636	9,061	9,515	9,954	10,293	10,609	11,329	11,671	12,471	3.1	6.8	3.0	6.9
Far West	**896,310**	**944,465**	**969,886**	**1,005,357**	**1,057,453**	**1,116,779**	**1,190,198**	**1,268,742**	**1,358,300**	**5.6**	**6.6**	**6.6**	**7.1**
Alaska	13,243	14,039	14,789	15,168	15,513	15,762	16,433	17,124	17,670	1.6	4.3	4.2	3.2
California	669,842	701,572	714,107	735,104	771,470	812,404	862,756	920,452	988,339	5.3	6.2	6.7	7.4
Hawaii	26,198	27,859	29,068	29,740	30,202	30,393	31,278	31,856	33,006	.6	2.9	1.8	3.6
Nevada	27,349	30,199	32,386	35,878	39,377	43,331	47,278	50,919	54,913	10.0	9.1	7.7	7.8
Oregon	54,891	58,163	61,916	66,130	71,209	75,561	81,040	85,043	89,983	6.1	7.3	4.9	5.8
Washington	104,786	112,634	117,621	123,337	129,681	139,328	151,413	163,348	174,389	7.4	8.7	7.9	6.8

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NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table 2.—Per Capita Personal Income by State and Region, 1969–99

[Dollars]

Area name	1969 r	1970 r	1971 r	1972 r	1973 r	1974 r	1975 r	1976 r	1977 r	1978 r	1979 r
United States	**3,846**	**4,095**	**4,348**	**4,723**	**5,242**	**5,720**	**6,155**	**6,756**	**7,421**	**8,291**	**9,230**
New England	**4,194**	**4,453**	**4,680**	**5,031**	**5,490**	**5,970**	**6,363**	**6,959**	**7,612**	**8,465**	**9,483**
Connecticut	4,847	5,090	5,300	5,697	6,241	6,813	7,239	7,885	8,712	9,720	10,971
Maine	3,140	3,423	3,594	3,864	4,319	4,764	5,019	5,708	6,142	6,751	7,497
Massachusetts	4,207	4,486	4,748	5,106	5,551	6,024	6,439	6,994	7,636	8,480	9,472
New Hampshire	3,744	3,896	4,102	4,423	4,880	5,279	5,592	6,258	6,892	7,786	8,781
Rhode Island	3,865	4,114	4,295	4,625	4,972	5,405	5,844	6,411	7,004	7,693	8,595
Vermont	3,388	3,634	3,856	4,176	4,548	4,869	5,192	5,753	6,179	7,036	7,853
Mideast	**4,331**	**4,623**	**4,901**	**5,281**	**5,758**	**6,289**	**6,758**	**7,352**	**8,047**	**8,892**	**9,852**
Delaware	4,421	4,608	4,892	5,303	5,871	6,347	6,729	7,349	7,913	8,658	9,549
District of Columbia	4,528	5,018	5,545	6,073	6,522	7,306	8,068	8,775	9,702	10,448	11,336
Maryland	4,209	4,573	4,894	5,291	5,822	6,382	6,878	7,536	8,191	9,062	10,035
New Jersey	4,525	4,835	5,127	5,521	6,043	6,576	7,037	7,703	8,462	9,408	10,469
New York	4,603	4,887	5,179	5,538	5,980	6,492	6,955	7,477	8,153	8,979	9,927
Pennsylvania	3,815	4,077	4,294	4,683	5,168	5,704	6,170	6,800	7,493	8,305	9,225
Great Lakes	**4,048**	**4,203**	**4,478**	**4,869**	**5,456**	**5,926**	**6,341**	**7,026**	**7,799**	**8,655**	**9,569**
Illinois	4,354	4,580	4,874	5,266	5,903	6,464	6,986	7,623	8,385	9,277	10,243
Indiana	3,714	3,810	4,105	4,455	5,100	5,440	5,830	6,516	7,199	8,006	8,814
Michigan	4,145	4,194	4,501	4,966	5,552	5,926	6,279	7,084	7,957	8,834	9,701
Ohio	3,934	4,101	4,328	4,691	5,218	5,733	6,087	6,753	7,511	8,326	9,251
Wisconsin	3,751	3,983	4,238	4,595	5,130	5,622	6,061	6,670	7,417	8,292	9,281
Plains	**3,584**	**3,840**	**4,095**	**4,505**	**5,264**	**5,570**	**6,047**	**6,488**	**7,171**	**8,126**	**8,990**
Iowa	3,652	3,862	4,005	4,473	5,398	5,596	6,192	6,580	7,283	8,438	9,114
Kansas	3,548	3,816	4,145	4,613	5,274	5,717	6,186	6,721	7,307	8,082	9,240
Minnesota	3,779	4,053	4,275	4,628	5,431	5,838	6,216	6,729	7,559	8,471	9,409
Missouri	3,561	3,843	4,107	4,443	4,937	5,282	5,733	6,306	6,991	7,787	8,713
Nebraska	3,572	3,796	4,121	4,527	5,269	5,465	6,168	6,453	6,993	8,120	8,784
North Dakota	3,052	3,214	3,669	4,377	6,172	6,120	6,334	6,184	6,427	8,136	8,398
South Dakota	2,995	3,256	3,538	4,065	5,163	5,178	5,667	5,591	6,351	7,347	8,158
Southeast	**3,084**	**3,336**	**3,590**	**3,951**	**4,419**	**4,839**	**5,177**	**5,719**	**6,277**	**7,050**	**7,852**
Alabama	2,748	2,979	3,225	3,544	3,960	4,351	4,765	5,323	5,817	6,500	7,199
Arkansas	2,619	2,849	3,096	3,415	3,985	4,376	4,655	5,155	5,670	6,509	7,088
Florida	3,659	4,006	4,286	4,703	5,235	5,616	5,895	6,376	7,010	7,921	8,879
Georgia	3,162	3,394	3,666	4,038	4,497	4,867	5,152	5,694	6,221	6,989	7,722
Kentucky	2,971	3,184	3,391	3,715	4,145	4,607	4,933	5,462	6,095	6,784	7,640
Louisiana	2,901	3,106	3,328	3,593	3,994	4,510	4,956	5,557	6,135	6,951	7,813
Mississippi	2,408	2,641	2,867	3,208	3,613	3,936	4,205	4,757	5,259	5,806	6,549
North Carolina	3,051	3,285	3,510	3,899	4,365	4,743	5,039	5,584	6,058	6,780	7,461
South Carolina	2,827	3,064	3,274	3,603	4,029	4,459	4,720	5,257	5,684	6,334	7,044
Tennessee	2,967	3,189	3,451	3,808	4,298	4,696	5,017	5,574	6,108	6,895	7,618
Virginia	3,558	3,795	4,092	4,486	4,972	5,484	5,934	6,534	7,192	8,040	8,995
West Virginia	2,798	3,117	3,378	3,682	4,026	4,457	4,974	5,479	6,053	6,703	7,432
Southwest	**3,330**	**3,614**	**3,843**	**4,173**	**4,655**	**5,141**	**5,631**	**6,218**	**6,825**	**7,730**	**8,744**
Arizona	3,489	3,843	4,145	4,487	4,929	5,329	5,528	6,074	6,642	7,586	8,604
New Mexico	2,921	3,197	3,431	3,761	4,137	4,568	5,045	5,527	6,087	6,847	7,619
Oklahoma	3,198	3,477	3,711	4,020	4,524	4,986	5,475	5,974	6,586	7,387	8,485
Texas	3,373	3,646	3,861	4,192	4,683	5,194	5,738	6,362	6,979	7,912	8,929
Rocky Mountain	**3,440**	**3,775**	**4,065**	**4,464**	**4,984**	**5,514**	**5,920**	**6,465**	**7,066**	**7,990**	**8,861**
Colorado	3,686	4,055	4,413	4,791	5,310	5,864	6,321	6,895	7,567	8,539	9,596
Idaho	3,269	3,558	3,761	4,150	4,709	5,382	5,571	6,116	6,510	7,319	7,894
Montana	3,284	3,625	3,789	4,355	5,012	5,380	5,794	6,200	6,636	7,721	8,299
Utah	3,103	3,391	3,658	3,979	4,326	4,743	5,150	5,739	6,328	7,041	7,786
Wyoming	3,584	3,919	4,269	4,709	5,410	6,172	6,701	7,212	8,152	9,384	10,572
Far West	**4,420**	**4,686**	**4,907**	**5,312**	**5,824**	**6,438**	**7,002**	**7,721**	**8,440**	**9,462**	**10,628**
Alaska	4,749	5,243	5,581	5,939	6,801	8,108	10,600	12,048	12,346	12,464	13,204
California	4,540	4,815	5,034	5,451	5,947	6,553	7,091	7,815	8,570	9,618	10,846
Hawaii	4,548	5,096	5,332	5,697	6,151	6,952	7,388	7,880	8,356	9,148	10,188
Nevada	4,520	4,946	5,227	5,557	6,114	6,490	7,009	7,719	8,550	9,780	10,765
Oregon	3,677	3,940	4,212	4,625	5,135	5,726	6,181	6,913	7,556	8,476	9,415
Washington	4,097	4,205	4,381	4,731	5,312	5,919	6,533	7,181	7,832	8,887	9,965

See footnotes at end of table.

Table 2.—Per Capita Personal Income by State and Region, 1969–99—Continued

[Dollars]

Area name	1980 r	1981 r	1982 r	1983 r	1984 r	1985 r	1986 r	1987 r	1988 r	1989 r	1990 r
United States	**10,183**	**11,280**	**11,901**	**12,554**	**13,824**	**14,705**	**15,397**	**16,284**	**17,403**	**18,566**	**19,584**
New England	**10,701**	**11,883**	**12,800**	**13,755**	**15,341**	**16,471**	**17,638**	**19,156**	**20,915**	**22,200**	**22,900**
Connecticut	12,439	13,865	14,903	15,799	17,580	18,763	20,038	21,895	24,007	25,797	26,736
Maine	8,408	9,231	9,873	10,551	11,665	12,533	13,463	14,595	15,813	16,886	17,479
Massachusetts	10,673	11,830	12,803	13,859	15,549	16,720	17,954	19,504	21,334	22,458	23,223
New Hampshire	9,915	11,079	11,906	13,041	14,534	15,819	16,974	18,371	19,759	20,635	20,713
Rhode Island	9,742	10,815	11,605	12,439	13,717	14,685	15,587	16,651	18,271	19,657	20,194
Vermont	8,702	9,717	10,287	10,968	12,048	12,994	13,842	14,992	16,197	17,517	18,055
Mideast	**10,978**	**12,169**	**13,055**	**13,869**	**15,268**	**16,302**	**17,277**	**18,476**	**19,992**	**21,394**	**22,611**
Delaware	10,803	11,873	12,727	13,529	14,816	16,056	16,781	17,933	19,312	20,930	21,636
District of Columbia	12,347	13,530	14,805	15,532	17,126	18,177	19,030	20,251	22,440	24,311	26,627
Maryland	11,230	12,403	13,246	14,228	15,693	16,961	17,966	19,216	20,626	22,001	23,023
New Jersey	11,778	13,057	13,999	15,036	16,549	17,652	18,711	20,230	22,142	23,595	24,766
New York	11,095	12,364	13,344	14,188	15,739	16,734	17,827	19,031	20,604	21,966	23,315
Pennsylvania	10,151	11,184	11,887	12,455	13,512	14,445	15,186	16,142	17,323	18,725	19,823
Great Lakes	**10,350**	**11,282**	**11,743**	**12,352**	**13,654**	**14,522**	**15,253**	**16,048**	**17,100**	**18,218**	**19,149**
Illinois	11,077	12,250	12,771	13,289	14,682	15,508	16,284	17,289	18,461	19,634	20,756
Indiana	9,449	10,355	10,698	11,203	12,445	13,143	13,821	14,664	15,616	16,770	17,625
Michigan	10,369	11,125	11,462	12,243	13,576	14,734	15,573	16,130	17,198	18,276	19,022
Ohio	10,103	10,982	11,485	12,167	13,449	14,295	14,933	15,675	16,739	17,825	18,792
Wisconsin	10,161	11,006	11,592	12,046	13,182	13,845	14,530	15,358	16,201	17,299	18,160
Plains	**9,637**	**10,834**	**11,399**	**11,895**	**13,254**	**14,020**	**14,656**	**15,477**	**16,143**	**17,256**	**18,217**
Iowa	9,671	10,968	11,227	11,485	12,798	13,395	14,020	14,899	15,315	16,562	17,380
Kansas	10,038	11,248	11,989	12,373	13,602	14,330	14,904	15,583	16,331	17,093	18,182
Minnesota	10,320	11,320	11,992	12,594	14,255	15,093	15,881	16,899	17,592	18,966	20,011
Missouri	9,390	10,457	11,035	11,716	12,960	13,868	14,505	15,250	16,086	17,083	17,751
Nebraska	9,272	10,685	11,228	11,601	12,968	13,743	14,215	15,035	15,984	16,878	18,088
North Dakota	8,095	10,342	10,990	11,386	12,307	12,811	13,126	13,565	12,745	14,357	15,880
South Dakota	8,142	9,451	9,915	10,195	11,619	11,942	12,486	13,217	13,807	14,767	16,238
Southeast	**8,713**	**9,705**	**10,259**	**10,911**	**12,060**	**12,864**	**13,517**	**14,345**	**15,393**	**16,495**	**17,408**
Alabama	7,892	8,712	9,185	9,783	10,800	11,583	12,202	12,912	13,842	14,899	15,832
Arkansas	7,586	8,564	8,952	9,476	10,560	11,264	11,734	12,184	13,016	13,813	14,509
Florida	10,049	11,195	11,789	12,637	13,764	14,705	15,423	16,415	17,593	19,045	19,855
Georgia	8,474	9,435	10,054	10,849	12,185	13,143	13,990	14,820	15,876	16,803	17,738
Kentucky	8,231	9,110	9,589	9,859	11,062	11,558	11,995	12,782	13,570	14,602	15,484
Louisiana	8,833	10,037	10,558	10,865	11,628	12,121	12,028	12,266	13,113	13,997	15,223
Mississippi	7,076	7,901	8,301	8,615	9,463	9,922	10,293	10,913	11,695	12,540	13,164
North Carolina	8,247	9,184	9,690	10,480	11,788	12,649	13,444	14,325	15,461	16,539	17,367
South Carolina	7,794	8,651	9,071	9,775	10,910	11,666	12,258	13,056	14,045	14,834	16,050
Tennessee	8,319	9,196	9,695	10,276	11,453	12,247	12,995	13,909	14,910	15,883	16,821
Virginia	10,176	11,291	12,075	12,936	14,298	15,286	16,237	17,332	18,556	19,780	20,538
West Virginia	8,172	8,866	9,439	9,626	10,417	10,936	11,464	11,950	12,708	13,529	14,579
Southwest	**9,762**	**11,118**	**11,688**	**12,024**	**13,102**	**13,888**	**13,974**	**14,335**	**15,135**	**16,092**	**17,119**
Arizona	9,590	10,658	10,945	11,654	12,885	13,808	14,463	15,130	15,795	16,568	17,211
New Mexico	8,402	9,334	9,894	10,367	11,215	11,999	12,226	12,686	13,322	14,085	14,960
Oklahoma	9,580	11,003	11,817	11,725	12,687	13,265	13,288	13,464	14,257	15,265	16,214
Texas	9,957	11,391	11,961	12,303	13,396	14,196	14,165	14,486	15,324	16,323	17,458
Rocky Mountain	**9,856**	**10,940**	**11,526**	**12,028**	**12,994**	**13,590**	**13,940**	**14,487**	**15,220**	**16,384**	**17,491**
Colorado	10,809	12,141	12,945	13,570	14,751	15,416	15,772	16,417	17,285	18,548	19,703
Idaho	8,735	9,405	9,621	10,315	11,069	11,647	11,968	12,611	13,548	14,803	15,866
Montana	9,143	10,244	10,672	11,045	11,705	11,900	12,465	12,996	13,362	14,623	15,524
Utah	8,464	9,290	9,807	10,333	11,233	11,846	12,248	12,638	13,156	13,977	14,996
Wyoming	11,753	12,879	13,251	12,723	13,493	14,242	14,004	14,194	14,968	16,383	17,996
Far West	**11,752**	**12,857**	**13,414**	**14,138**	**15,443**	**16,367**	**17,074**	**18,006**	**19,096**	**20,233**	**21,396**
Alaska	14,807	16,492	18,379	19,045	19,385	20,200	19,699	19,334	19,882	21,526	22,719
California	12,029	13,205	13,774	14,491	15,927	16,909	17,628	18,625	19,713	20,765	21,889
Hawaii	11,512	12,309	12,927	13,880	14,912	15,693	16,409	17,392	18,891	20,540	22,391
Nevada	11,780	12,780	12,986	13,465	14,435	15,332	16,027	16,886	18,180	19,568	20,674
Oregon	10,196	10,862	11,128	11,832	12,866	13,547	14,162	14,911	16,062	17,222	18,253
Washington	10,913	11,903	12,431	13,124	14,021	14,738	15,522	16,300	17,270	18,670	20,026

See footnotes at end of table.

Table 2.—Per Capita Personal Income by State and Region, 1969–99—Continued

[Dollars]

Area name	1991 r	1992 r	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	Percent change 1998–99	Percent of national average 1999	Rank in U.S. 1999
United States	**20,089**	**21,082**	**21,718**	**22,581**	**23,562**	**24,651**	**25,924**	**27,203**	**28,518**	**4.8**	.....	.....
New England	**23,257**	**24,452**	**25,208**	**26,229**	**27,426**	**28,820**	**30,676**	**32,373**	**34,264**	**5.8**	**120**	.....
Connecticut	26,863	28,635	29,602	30,532	31,947	33,472	35,636	37,338	39,167	4.9	137	1
Maine	17,662	18,350	18,810	19,531	20,240	21,293	22,394	23,499	24,960	6.2	88	37
Massachusetts	23,749	24,876	25,664	26,841	28,051	29,618	31,592	33,496	35,733	6.7	125	3
New Hampshire	21,326	22,154	22,521	23,820	25,008	26,042	27,746	29,480	30,905	4.8	108	8
Rhode Island	20,363	21,257	22,137	22,762	24,046	25,123	26,855	28,262	29,720	5.2	104	14
Vermont	18,218	19,293	19,785	20,553	21,359	22,295	23,382	24,602	25,892	5.2	91	32
Mideast	**23,211**	**24,393**	**24,937**	**25,700**	**26,856**	**28,201**	**29,585**	**31,100**	**32,717**	**5.2**	**115**	.....
Delaware	22,342	23,094	23,823	24,530	25,391	26,640	27,605	29,383	30,685	4.4	108	9
District of Columbia	28,068	30,013	31,665	32,743	33,045	34,401	35,230	36,415	38,228	5.0	134	.....
Maryland	23,571	24,358	25,104	26,046	26,896	27,844	29,112	30,557	32,166	5.3	113	5
New Jersey	25,153	26,597	27,101	27,885	29,277	30,795	32,582	34,383	36,106	5.0	127	2
New York	23,942	25,199	25,589	26,359	27,721	29,266	30,538	32,108	33,946	5.7	119	4
Pennsylvania	20,505	21,550	22,211	22,864	23,738	24,838	26,211	27,469	28,676	4.4	101	16
Great Lakes	**19,599**	**20,764**	**21,575**	**22,724**	**23,703**	**24,604**	**25,965**	**27,187**	**28,303**	**4.1**	**99**	.....
Illinois	21,320	22,764	23,386	24,440	25,643	27,005	28,468	29,853	31,278	4.8	110	7
Indiana	18,055	19,269	20,112	21,153	21,845	22,775	23,909	25,163	26,092	3.7	91	30
Michigan	19,318	20,278	21,390	22,862	23,975	24,447	25,780	26,885	27,844	3.6	98	19
Ohio	19,217	20,242	20,999	22,063	22,887	23,613	24,998	26,073	27,081	3.9	95	25
Wisconsin	18,711	19,872	20,639	21,699	22,573	23,554	24,941	26,284	27,412	4.3	96	22
Plains	**18,842**	**19,928**	**20,389**	**21,558**	**22,363**	**23,802**	**24,936**	**26,118**	**27,285**	**4.5**	**96**	.....
Iowa	17,859	18,939	18,929	20,498	21,181	22,713	23,882	24,745	25,727	4.0	90	33
Kansas	18,832	19,955	20,510	21,352	21,889	23,121	24,406	25,537	26,633	4.3	93	26
Minnesota	20,489	21,698	22,068	23,467	24,583	26,267	27,536	29,263	30,622	4.6	107	10
Missouri	18,560	19,542	20,295	21,267	22,094	23,099	24,368	25,150	26,187	4.1	92	29
Nebraska	18,766	19,688	20,167	21,168	22,196	24,045	24,769	25,924	27,437	5.8	96	21
North Dakota	16,270	17,692	17,830	19,033	19,084	21,166	20,876	22,892	23,518	2.7	82	38
South Dakota	16,961	17,966	18,565	19,607	19,848	21,736	22,410	23,715	25,107	5.9	88	36
Southeast	**17,974**	**18,887**	**19,690**	**20,563**	**21,500**	**22,477**	**23,545**	**24,605**	**25,708**	**4.5**	**90**	.....
Alabama	16,536	17,462	17,991	18,860	19,683	20,329	21,260	22,054	22,946	4.0	80	43
Arkansas	15,255	16,425	16,995	17,750	18,546	19,442	20,342	21,167	22,114	4.5	78	47
Florida	20,189	20,661	21,652	22,340	23,512	24,616	25,645	26,845	28,023	4.4	98	18
Georgia	18,289	19,333	20,129	21,170	22,230	23,586	24,594	25,839	27,198	5.3	95	23
Kentucky	16,241	17,320	17,815	18,514	19,215	20,155	21,286	22,183	23,161	4.4	81	42
Louisiana	16,076	16,968	17,717	18,779	19,541	20,254	21,254	22,206	22,792	2.6	80	45
Mississippi	13,806	14,711	15,468	16,549	17,185	18,044	18,873	19,776	20,506	3.7	72	50
North Carolina	17,879	19,120	20,042	20,931	21,938	22,940	24,210	25,181	26,220	4.1	92	28
South Carolina	16,409	17,165	17,805	18,686	19,473	20,403	21,416	22,372	23,496	5.0	82	39
Tennessee	17,503	18,840	19,741	20,696	21,800	22,450	23,445	24,437	25,581	4.7	90	34
Virginia	21,092	21,965	22,773	23,709	24,456	25,495	26,810	28,063	29,484	5.1	103	15
West Virginia	15,219	16,118	16,724	17,413	17,913	18,566	19,406	20,185	20,888	3.5	73	49
Southwest	**17,745**	**18,636**	**19,300**	**20,086**	**20,978**	**21,946**	**23,261**	**24,551**	**25,653**	**4.5**	**90**	.....
Arizona	17,563	18,131	18,756	19,774	20,634	21,611	22,839	24,206	25,307	4.5	89	35
New Mexico	15,744	16,425	17,226	17,946	18,852	19,478	20,288	21,164	22,063	4.2	77	48
Oklahoma	16,721	17,526	18,085	18,730	19,394	20,151	21,080	21,964	22,801	3.8	80	44
Texas	18,150	19,146	19,825	20,590	21,526	22,557	23,998	25,369	26,525	4.6	93	27
Rocky Mountain	**18,208**	**19,062**	**20,003**	**20,782**	**21,841**	**22,930**	**24,332**	**25,783**	**27,244**	**5.7**	**96**	.....
Colorado	20,487	21,447	22,526	23,498	24,865	26,231	28,070	29,994	31,678	5.6	111	6
Idaho	16,195	17,236	18,258	18,846	19,630	20,353	21,013	22,079	23,445	6.2	82	40
Montana	16,509	17,114	18,072	18,129	18,764	19,383	20,130	21,229	22,314	5.1	78	46
Utah	15,661	16,354	17,031	17,912	18,858	19,955	21,192	22,240	23,356	5.0	82	41
Wyoming	18,867	19,550	20,287	20,957	21,514	22,098	23,601	24,312	26,003	7.0	91	31
Far West	**21,686**	**22,457**	**22,784**	**23,397**	**24,380**	**25,456**	**26,723**	**28,068**	**29,637**	**5.6**	**104**	.....
Alaska	23,264	23,913	24,772	25,253	25,798	26,057	26,990	27,835	28,523	2.5	100	17
California	22,024	22,722	22,927	23,473	24,496	25,563	26,779	28,163	29,819	5.9	105	13
Hawaii	23,155	24,227	25,026	25,335	25,584	25,661	26,299	26,759	27,842	4.0	98	20
Nevada	21,283	22,694	23,465	24,635	25,808	27,142	28,216	29,200	30,351	3.9	106	11
Oregon	18,806	19,558	20,404	21,421	22,668	23,649	24,987	25,912	27,135	4.7	95	24
Washington	20,901	21,917	22,414	23,119	23,878	25,287	27,018	28,719	30,295	5.5	106	12

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NOTE.—Per capita personal income is total personal income divided by total midyear population estimates of the Bureau of the Census.

Table 3.—Disposable Personal Income by State and Region, 1969–99

[Millions of dollars]

Area name	1969 r	1970 r	1971 r	1972 r	1973 r	1974 r	1975 r	1976 r	1977 r	1978 r	1979 r
United States	**669,090**	**730,495**	**796,385**	**863,267**	**974,049**	**1,067,363**	**1,176,364**	**1,294,737**	**1,430,303**	**1,608,496**	**1,800,275**
New England	**42,056**	**45,960**	**49,460**	**52,771**	**58,232**	**63,291**	**68,541**	**74,625**	**81,785**	**90,740**	**101,274**
Connecticut	12,269	13,413	14,286	15,167	16,727	18,298	19,770	21,278	23,544	26,085	29,287
Maine	2,763	3,065	3,327	3,622	4,056	4,538	4,887	5,623	6,142	6,776	7,550
Massachusetts	20,176	22,051	23,797	25,269	27,786	30,049	32,528	35,075	38,101	42,171	46,738
New Hampshire	2,396	2,540	2,797	3,043	3,488	3,828	4,175	4,730	5,334	6,126	7,046
Rhode Island	3,171	3,480	3,686	3,971	4,283	4,532	4,959	5,414	5,958	6,464	7,144
Vermont	1,280	1,411	1,567	1,699	1,893	2,046	2,223	2,505	2,707	3,118	3,509
Mideast	**155,287**	**169,674**	**183,741**	**195,656**	**213,882**	**231,944**	**252,975**	**273,577**	**297,011**	**326,163**	**358,454**
Delaware	1,963	2,099	2,312	2,539	2,835	3,099	3,361	3,644	3,945	4,346	4,761
District of Columbia	2,950	3,257	3,623	3,908	4,129	4,564	4,990	5,238	5,735	6,005	6,288
Maryland	13,502	15,223	16,871	18,190	20,271	22,189	24,474	26,930	29,194	32,381	35,758
New Jersey	27,818	30,438	33,124	35,422	39,106	42,391	46,025	49,916	54,229	60,275	66,577
New York	70,150	76,517	82,642	87,292	93,953	100,955	109,421	116,822	126,091	137,332	150,126
Pennsylvania	38,906	42,140	45,169	48,307	53,589	58,746	64,703	71,027	77,818	85,824	94,945
Great Lakes	**138,645**	**147,071**	**159,997**	**172,329**	**194,838**	**211,419**	**229,406**	**252,477**	**279,991**	**310,434**	**342,933**
Illinois	41,040	43,724	47,631	51,039	57,670	62,949	69,120	75,084	82,765	91,570	100,333
Indiana	16,509	17,345	19,049	20,633	24,005	25,298	27,605	30,669	33,978	37,928	41,811
Michigan	31,162	32,393	35,371	38,558	43,684	47,052	50,582	56,303	62,944	69,581	76,860
Ohio	35,883	38,311	41,323	44,125	49,275	53,990	57,813	63,721	70,605	78,275	86,471
Wisconsin	14,052	15,298	16,623	17,974	20,205	22,130	24,286	26,701	29,699	33,082	37,458
Plains	**50,618**	**55,334**	**60,174**	**65,678**	**77,736**	**81,108**	**89,516**	**96,138**	**106,628**	**121,132**	**133,534**
Iowa	8,997	9,671	10,221	11,262	13,736	13,880	15,670	16,636	18,509	21,569	23,060
Kansas	6,940	7,559	8,324	9,214	10,557	11,331	12,464	13,642	14,857	16,482	18,786
Minnesota	12,294	13,571	14,599	15,616	18,678	19,747	21,313	23,111	26,076	29,279	32,506
Missouri	14,265	15,758	17,138	18,428	20,806	22,137	24,406	26,802	29,857	33,211	37,152
Nebraska	4,618	4,997	5,583	6,075	7,144	7,361	8,490	8,891	9,545	11,204	11,995
North Dakota	1,691	1,790	2,105	2,525	3,579	3,449	3,607	3,558	3,741	4,736	4,886
South Dakota	1,812	1,988	2,204	2,558	3,236	3,203	3,565	3,498	4,042	4,651	5,151
Southeast	**117,532**	**129,984**	**144,278**	**160,347**	**184,224**	**204,992**	**227,081**	**252,663**	**280,998**	**319,098**	**359,428**
Alabama	8,341	9,212	10,148	11,198	12,668	14,077	15,799	17,824	19,698	22,248	24,745
Arkansas	4,455	4,919	5,525	6,208	7,372	8,200	9,124	10,019	11,258	13,127	14,369
Florida	21,339	24,369	27,452	31,104	36,727	41,494	45,565	49,841	55,871	64,448	74,477
Georgia	12,536	13,815	15,423	17,092	19,588	21,571	23,557	26,149	28,877	32,700	36,423
Kentucky	8,306	9,085	9,970	10,892	12,426	13,730	15,251	17,116	19,179	21,513	24,463
Louisiana	9,316	10,205	11,129	12,089	13,591	15,339	17,327	19,559	21,883	24,972	28,322
Mississippi	4,849	5,298	5,960	6,691	7,723	8,429	9,229	10,487	11,771	13,001	14,738
North Carolina	13,413	14,742	16,212	18,094	20,741	22,727	25,041	27,743	30,369	34,279	37,819
South Carolina	6,437	7,131	7,822	8,622	9,901	11,203	12,404	13,832	15,153	17,136	19,133
Tennessee	10,216	11,182	12,421	13,953	15,944	17,690	19,351	21,762	24,269	27,615	30,956
Virginia	14,049	15,211	16,899	18,547	21,064	23,403	26,337	29,274	32,495	36,671	41,316
West Virginia	4,275	4,816	5,317	5,857	6,480	7,128	8,096	9,054	10,175	11,388	12,666
Southwest	**47,607**	**53,198**	**58,830**	**64,715**	**74,364**	**83,231**	**94,648**	**106,519**	**118,720**	**137,429**	**158,603**
Arizona	5,311	6,077	7,008	7,951	9,352	10,519	11,467	12,854	14,427	16,955	20,028
New Mexico	2,620	2,917	3,276	3,644	4,110	4,621	5,344	5,966	6,732	7,663	8,714
Oklahoma	7,127	7,943	8,753	9,479	10,924	12,020	13,594	15,027	16,723	18,867	22,052
Texas	32,548	36,262	39,793	43,641	49,977	56,070	64,243	72,673	80,838	93,944	107,809
Rocky Mountain	**14,870**	**16,837**	**18,811**	**21,186**	**24,341**	**27,378**	**30,436**	**33,799**	**37,782**	**43,915**	**49,784**
Colorado	6,916	7,914	8,974	10,026	11,589	12,969	14,413	15,926	17,787	20,537	23,634
Idaho	2,058	2,291	2,494	2,862	3,301	3,868	4,156	4,693	5,136	5,941	6,550
Montana	1,992	2,246	2,424	2,786	3,233	3,505	3,871	4,160	4,499	5,360	5,720
Utah	2,864	3,225	3,623	4,037	4,517	5,069	5,734	6,511	7,410	8,532	9,758
Wyoming	1,040	1,160	1,296	1,474	1,701	1,966	2,262	2,508	2,950	3,544	4,122
Far West	**102,476**	**112,438**	**121,094**	**130,585**	**146,432**	**164,000**	**183,761**	**204,940**	**227,388**	**259,584**	**296,265**
Alaska	1,194	1,380	1,539	1,666	1,976	2,375	3,314	3,991	4,147	4,302	4,504
California	78,080	85,529	91,879	98,836	110,417	122,985	136,980	152,336	169,220	192,993	220,428
Hawaii	2,890	3,343	3,691	4,024	4,483	5,194	5,756	6,214	6,731	7,424	8,437
Nevada	1,840	2,151	2,423	2,692	3,086	3,422	3,938	4,459	5,146	6,183	7,184
Oregon	6,480	7,206	7,954	8,832	10,045	11,335	12,661	14,326	15,883	18,282	20,802
Washington	11,991	12,830	13,608	14,535	16,425	18,689	21,112	23,614	26,260	30,401	34,909

See footnotes at end of table.

Table 3.—Disposable Personal Income by State and Region, 1969–99—Continued

[Millions of dollars]

Area name	1980 r	1981 r	1982 r	1983 r	1984 r	1985 r	1986 r	1987 r	1988 r	1989 r	1990 r
United States	**2,010,486**	**2,237,736**	**2,396,290**	**2,575,009**	**2,873,793**	**3,071,205**	**3,248,472**	**3,443,658**	**3,736,469**	**4,000,178**	**4,277,221**
New England	**114,140**	**126,537**	**137,235**	**149,975**	**169,420**	**182,084**	**195,314**	**212,733**	**237,424**	**253,294**	**262,738**
Connecticut	33,171	36,974	39,796	43,564	49,007	52,173	55,785	60,862	68,107	73,431	76,567
Maine	8,454	9,253	9,840	10,730	12,045	12,959	13,919	15,138	16,718	18,088	18,979
Massachusetts	52,410	57,762	63,110	68,989	78,354	84,304	90,407	98,271	109,851	115,784	119,861
New Hampshire	8,094	9,135	10,030	11,110	12,669	13,954	15,290	17,020	18,937	20,190	20,513
Rhode Island	8,084	9,021	9,739	10,498	11,707	12,607	13,413	14,373	15,994	17,260	17,878
Vermont	3,928	4,393	4,719	5,085	5,638	6,087	6,499	7,069	7,816	8,541	8,941
Mideast	**398,263**	**438,414**	**471,515**	**509,671**	**564,337**	**601,194**	**639,708**	**681,543**	**748,745**	**799,868**	**853,269**
Delaware	5,345	5,840	6,385	6,955	7,747	8,501	8,993	9,803	10,799	11,859	12,453
District of Columbia	6,690	7,214	7,909	8,349	9,229	9,799	10,335	10,891	12,102	12,964	13,840
Maryland	40,290	44,345	47,828	52,506	58,551	64,314	69,311	74,589	82,759	88,717	94,565
New Jersey	74,772	82,945	89,204	97,347	108,328	115,201	122,755	132,485	147,529	157,542	166,804
New York	166,529	183,735	197,917	214,959	240,117	254,023	270,901	286,971	315,462	334,168	358,232
Pennsylvania	104,638	114,335	122,273	129,556	140,365	149,356	157,413	166,804	180,093	194,619	207,376
Great Lakes	**374,038**	**405,375**	**425,211**	**447,339**	**497,233**	**527,240**	**554,898**	**582,204**	**624,882**	**663,799**	**702,646**
Illinois	108,846	120,185	126,894	132,684	147,497	155,151	162,878	171,300	183,854	194,583	206,532
Indiana	45,274	49,267	51,190	53,766	60,076	63,208	66,537	70,578	75,466	80,784	85,536
Michigan	83,387	88,601	91,399	96,586	107,471	116,209	123,677	128,607	138,361	146,668	154,451
Ohio	95,015	102,507	108,092	114,437	127,310	134,892	141,121	147,427	158,818	168,554	178,591
Wisconsin	41,516	44,815	47,636	49,866	54,880	57,779	60,685	64,292	68,383	73,209	77,537
Plains	**143,941**	**161,894**	**170,565**	**180,916**	**204,271**	**216,019**	**226,291**	**238,057**	**249,995**	**266,864**	**283,150**
Iowa	24,380	27,615	28,296	29,006	32,678	33,882	35,088	36,629	37,577	40,452	42,516
Kansas	20,550	22,929	24,668	26,147	29,174	30,670	32,219	33,622	35,520	37,025	39,713
Minnesota	36,220	39,822	42,593	45,002	51,685	55,100	58,447	62,134	65,766	71,401	76,021
Missouri	40,335	44,792	46,904	51,023	57,110	61,204	64,366	67,962	72,268	76,569	80,026
Nebraska	12,733	14,854	15,357	16,317	18,527	19,580	20,114	21,106	22,494	23,640	25,403
North Dakota	4,636	5,973	6,576	6,945	7,587	7,869	8,011	8,130	7,496	8,348	9,127
South Dakota	5,086	5,910	6,171	6,477	7,510	7,715	8,046	8,473	8,875	9,427	10,343
Southeast	**405,387**	**456,094**	**489,747**	**530,700**	**597,768**	**641,745**	**682,441**	**729,802**	**794,873**	**856,622**	**918,403**
Alabama	27,288	30,179	32,177	34,338	38,288	41,031	43,446	46,004	49,817	53,366	57,071
Arkansas	15,428	17,466	18,136	19,521	22,065	23,552	24,642	25,591	27,401	29,030	30,577
Florida	87,149	100,290	107,622	121,214	136,836	148,533	159,449	174,443	192,591	213,822	230,831
Georgia	40,830	45,922	49,931	54,498	62,716	68,675	74,650	80,274	87,988	94,157	101,092
Kentucky	26,628	29,349	31,048	32,171	36,471	37,931	39,330	41,686	44,282	47,259	50,303
Louisiana	32,557	37,204	40,343	42,401	45,711	47,697	47,892	48,052	50,934	53,526	57,723
Mississippi	16,028	17,859	19,237	19,956	22,142	23,287	24,318	25,643	27,500	29,255	30,741
North Carolina	42,518	47,694	51,535	56,095	64,300	69,788	74,892	80,164	88,109	94,771	101,566
South Carolina	21,564	24,152	25,791	28,010	31,824	34,274	36,440	39,090	42,691	45,222	49,683
Tennessee	34,265	38,073	40,460	43,106	48,627	52,128	55,640	59,846	64,958	69,392	74,301
Virginia	47,155	52,704	57,230	62,790	70,899	76,284	82,433	89,153	97,685	105,036	111,217
West Virginia	13,976	15,201	16,237	16,600	17,888	18,565	19,310	19,854	20,917	21,786	23,298
Southwest	**181,965**	**210,259**	**230,491**	**248,216**	**276,534**	**297,781**	**307,804**	**316,389**	**337,136**	**359,892**	**387,240**
Arizona	23,252	26,269	27,842	30,716	35,183	38,942	42,432	46,072	49,750	53,162	56,094
New Mexico	9,847	10,999	11,886	13,032	14,381	15,574	16,212	16,828	17,823	18,927	20,361
Oklahoma	25,327	29,171	32,177	33,842	36,942	38,495	39,155	38,631	40,374	42,769	44,889
Texas	123,539	143,819	158,586	170,625	190,028	204,770	210,005	214,858	229,189	245,034	265,896
Rocky Mountain	**56,767**	**64,057**	**69,235**	**74,895**	**82,179**	**86,467**	**89,384**	**92,642**	**97,324**	**104,630**	**112,414**
Colorado	27,187	31,060	33,978	37,379	41,298	43,559	45,071	47,121	49,750	53,267	56,996
Idaho	7,375	7,973	8,332	9,072	9,865	10,390	10,693	11,186	12,000	13,078	14,239
Montana	6,317	7,157	7,616	8,012	8,602	8,763	9,170	9,380	9,535	10,352	11,025
Utah	11,067	12,433	13,464	14,702	16,345	17,406	18,197	18,870	19,775	21,235	22,864
Wyoming	4,821	5,434	5,846	5,730	6,069	6,348	6,253	6,085	6,263	6,698	7,289
Far West	**335,985**	**375,107**	**402,291**	**433,296**	**482,051**	**518,676**	**552,632**	**590,288**	**646,090**	**695,209**	**757,362**
Alaska	5,163	5,801	7,058	8,093	8,780	9,533	9,619	9,280	9,662	10,397	11,027
California	249,846	280,285	300,790	323,832	362,650	391,719	418,504	448,391	490,685	525,494	569,856
Hawaii	9,729	10,513	11,443	12,511	13,693	14,513	15,314	16,277	17,856	19,438	21,618
Nevada	8,384	9,483	10,093	10,787	11,883	12,908	13,867	15,180	17,098	19,500	22,072
Oregon	23,212	25,065	25,701	27,465	30,187	31,741	33,128	35,123	38,900	41,673	45,744
Washington	39,651	43,959	47,206	50,609	54,859	58,261	62,200	66,038	71,888	78,707	87,044

See footnotes at end of table.

Table 3.—Disposable Personal Income by State and Region, 1969–99—Continued

[Millions of dollars]

Area name	1991 r	1992 r	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	Percent change			
										1995-96	1996-97	1997-98	1998-99
United States	**4,456,298**	**4,741,900**	**4,924,782**	**5,156,671**	**5,414,784**	**5,669,393**	**5,974,812**	**6,280,017**	**6,625,556**	**4.7**	**5.4**	**5.1**	**5.5**
New England	**267,404**	**280,488**	**288,709**	**300,455**	**313,002**	**326,543**	**344,863**	**362,543**	**384,856**	**4.3**	**5.6**	**5.1**	**6.2**
Connecticut	76,875	80,576	82,844	85,432	88,432	91,536	95,808	99,398	104,357	3.5	4.7	3.7	5.0
Maine	19,349	20,201	20,752	21,440	22,173	23,257	24,334	25,379	26,979	4.9	4.6	4.3	6.3
Massachusetts	122,867	129,010	132,997	139,020	144,898	151,896	161,316	170,771	182,716	4.8	6.2	5.9	7.0
New Hampshire	21,151	22,103	22,532	24,089	25,490	26,610	28,363	30,289	32,108	4.4	6.6	6.8	6.0
Rhode Island	18,052	18,859	19,540	19,943	20,990	21,780	23,073	24,153	25,451	3.8	5.9	4.7	5.4
Vermont	9,109	9,739	10,043	10,531	11,019	11,463	11,969	12,554	13,245	4.0	4.4	4.9	5.5
Mideast	**883,749**	**934,337**	**956,118**	**985,152**	**1,029,185**	**1,073,172**	**1,116,777**	**1,165,408**	**1,224,705**	**4.3**	**4.1**	**4.4**	**5.1**
Delaware	13,175	13,857	14,458	14,987	15,686	16,547	17,115	18,294	19,377	5.5	3.4	6.9	5.9
District of Columbia	14,472	15,367	16,021	16,108	15,840	15,862	15,616	15,686	16,326	.1	–1.6	.4	4.1
Maryland	98,602	103,345	107,130	111,714	116,066	119,755	124,314	130,550	138,009	3.2	3.8	5.0	5.7
New Jersey	170,244	181,313	184,976	190,873	201,166	211,334	222,746	234,042	246,349	5.1	5.4	5.1	5.3
New York	371,139	393,007	398,152	409,531	430,223	450,040	465,130	484,178	510,808	4.6	3.4	4.1	5.5
Pennsylvania	216,117	227,449	235,380	241,939	250,204	259,634	271,855	282,658	293,835	3.8	4.7	4.0	4.0
Great Lakes	**727,594**	**780,481**	**812,905**	**858,326**	**897,966**	**930,464**	**981,042**	**1,024,446**	**1,068,300**	**3.6**	**5.4**	**4.4**	**4.3**
Illinois	215,129	232,885	240,049	251,348	264,821	278,447	292,889	306,256	321,633	5.1	5.2	4.6	5.0
Indiana	88,687	95,557	100,287	105,732	109,861	114,831	120,783	127,061	132,069	4.5	5.2	5.2	3.9
Michigan	158,728	169,260	178,222	191,244	201,124	204,949	216,124	224,926	233,614	1.9	5.5	4.1	3.9
Ohio	184,273	196,040	203,557	214,195	221,905	227,746	240,700	249,868	259,108	2.6	5.7	3.8	3.7
Wisconsin	80,778	86,738	90,790	95,807	100,255	104,491	110,546	116,334	121,876	4.2	5.8	5.2	4.8
Plains	**295,857**	**315,924**	**324,781**	**345,586**	**359,419**	**382,827**	**401,176**	**419,812**	**440,939**	**6.5**	**4.8**	**4.6**	**5.0**
Iowa	43,945	47,061	47,044	51,202	53,020	56,896	59,541	61,419	63,851	7.3	4.6	3.2	4.0
Kansas	41,549	44,749	46,187	48,388	49,628	52,367	55,253	57,939	60,726	5.5	5.5	4.9	4.8
Minnesota	78,848	84,100	86,060	92,422	97,206	103,586	109,251	116,517	124,175	6.6	5.5	6.7	6.6
Missouri	84,750	90,076	94,259	99,187	103,462	108,364	114,632	117,993	122,867	4.7	5.8	2.9	4.1
Nebraska	26,592	28,134	28,940	30,483	32,023	34,932	35,852	37,409	39,660	9.1	2.6	4.3	6.0
North Dakota	9,284	10,168	10,205	10,967	10,960	12,226	11,904	13,001	13,207	11.6	–2.6	9.2	1.6
South Dakota	10,889	11,637	12,086	12,938	13,120	14,456	14,743	15,534	16,453	10.2	2.0	5.4	5.9
Southeast	**964,979**	**1,028,421**	**1,084,404**	**1,143,999**	**1,208,156**	**1,269,457**	**1,339,031**	**1,405,738**	**1,481,122**	**5.1**	**5.5**	**5.0**	**5.4**
Alabama	60,374	64,646	67,355	71,026	74,485	77,079	80,911	84,046	87,693	3.5	5.0	3.9	4.3
Arkansas	32,436	35,322	36,973	38,822	40,945	43,230	45,361	47,174	49,527	5.6	4.9	4.0	5.0
Florida	241,179	250,068	265,755	278,381	296,985	312,805	328,706	346,602	365,711	5.3	5.1	5.4	5.5
Georgia	106,663	115,346	121,943	130,870	139,674	150,182	158,735	168,896	180,881	7.5	5.7	6.4	7.1
Kentucky	53,343	57,506	59,608	62,223	64,839	68,160	72,186	75,270	78,941	5.1	5.9	4.3	4.9
Louisiana	61,423	65,503	68,525	72,873	75,996	78,079	81,667	85,095	87,510	2.7	4.6	4.2	2.8
Mississippi	32,530	34,944	36,971	39,826	41,699	43,943	46,205	48,525	50,504	5.4	5.1	5.0	4.1
North Carolina	106,276	115,442	122,832	129,685	138,006	145,935	155,509	163,045	171,564	5.7	6.6	4.8	5.2
South Carolina	52,003	55,135	57,628	60,782	63,606	66,986	71,015	74,814	79,622	5.3	6.0	5.3	6.4
Tennessee	78,370	85,500	90,814	96,329	102,796	106,568	112,276	117,550	124,068	3.7	5.4	4.7	5.5
Virginia	115,916	122,905	128,744	134,876	140,055	146,489	155,254	162,496	171,894	4.6	6.0	4.7	5.8
West Virginia	24,466	26,104	27,255	28,306	29,070	30,001	31,205	32,225	33,206	3.2	4.0	3.3	3.0
Southwest	**410,172**	**439,956**	**464,100**	**492,201**	**523,337**	**552,859**	**592,317**	**632,042**	**670,146**	**5.6**	**7.1**	**6.7**	**6.0**
Arizona	58,565	62,367	66,449	72,575	78,460	83,726	90,496	97,740	104,430	6.7	8.1	8.0	6.8
New Mexico	21,855	23,273	24,838	26,425	28,290	29,502	30,857	32,233	33,746	4.3	4.6	4.5	4.7
Oklahoma	46,986	50,042	52,041	54,038	56,276	58,473	61,161	63,775	66,491	3.9	4.6	4.3	4.3
Texas	282,767	304,274	320,773	339,164	360,310	381,159	409,803	438,293	465,480	5.8	7.5	7.0	6.2
Rocky Mountain	**119,535**	**128,071**	**137,840**	**146,283**	**157,037**	**166,565**	**178,844**	**191,172**	**204,851**	**6.1**	**7.4**	**6.9**	**7.2**
Colorado	60,422	64,886	69,920	74,533	80,723	86,111	93,421	101,040	108,708	6.7	8.5	8.2	7.6
Idaho	14,915	16,199	17,748	18,859	20,135	21,208	22,258	23,678	25,558	5.3	5.0	6.4	7.9
Montana	11,902	12,544	13,542	13,749	14,492	15,037	15,578	16,379	17,294	3.8	3.6	5.1	5.6
Utah	24,546	26,324	28,139	30,278	32,526	35,002	37,806	40,090	42,623	7.6	8.0	6.0	6.3
Wyoming	7,749	8,118	8,491	8,865	9,160	9,207	9,781	9,986	10,668	.5	6.2	2.1	6.8
Far West	**787,008**	**834,221**	**855,924**	**884,668**	**926,681**	**967,506**	**1,020,762**	**1,078,856**	**1,150,637**	**4.4**	**5.5**	**5.7**	**6.7**
Alaska	11,755	12,466	13,156	13,443	13,755	13,919	14,450	14,990	15,474	1.2	3.8	3.7	3.2
California	587,098	619,648	630,001	646,579	674,953	701,878	736,458	778,309	831,948	4.0	4.9	5.7	6.9
Hawaii	22,831	24,461	25,581	26,237	26,674	26,730	27,431	27,794	28,813	.2	2.6	1.3	3.7
Nevada	24,155	26,600	28,381	31,561	34,623	37,634	41,159	44,085	47,412	8.7	9.4	7.1	7.5
Oregon	47,830	50,626	53,731	57,130	61,581	64,801	69,022	71,966	76,154	5.2	6.5	4.3	5.8
Washington	93,339	100,421	105,075	109,717	115,095	122,543	132,243	141,711	150,836	6.5	7.9	7.2	6.4

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NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table 4.—Per Capita Disposable Personal Income by State and Region, 1969–99

[Dollars]

Area name	1969 r	1970 r	1971 r	1972 r	1973 r	1974 r	1975 r	1976 r	1977 r	1978 r	1979 r
United States	**3,324**	**3,584**	**3,851**	**4,125**	**4,609**	**5,003**	**5,460**	**5,951**	**6,508**	**7,242**	**8,017**
New England	**3,584**	**3,869**	**4,123**	**4,366**	**4,794**	**5,206**	**5,629**	**6,113**	**6,672**	**7,376**	**8,204**
Connecticut	4,090	4,414	4,666	4,941	5,450	5,949	6,409	6,895	7,622	8,428	9,448
Maine	2,786	3,075	3,276	3,500	3,876	4,281	4,553	5,159	5,557	6,075	6,711
Massachusetts	3,571	3,866	4,147	4,385	4,804	5,202	5,645	6,101	6,633	7,343	8,134
New Hampshire	3,309	3,424	3,670	3,893	4,350	4,685	5,030	5,584	6,118	6,852	7,727
Rhode Island	3,403	3,661	3,824	4,067	4,379	4,753	5,240	5,697	6,238	6,753	7,468
Vermont	2,930	3,161	3,449	3,667	4,041	4,325	4,631	5,164	5,500	6,257	6,939
Mideast	**3,688**	**3,991**	**4,286**	**4,551**	**4,993**	**5,431**	**5,921**	**6,412**	**6,981**	**7,689**	**8,462**
Delaware	3,635	3,814	4,091	4,425	4,895	5,315	5,709	6,147	6,632	7,266	7,950
District of Columbia	3,871	4,313	4,827	5,254	5,628	6,332	7,026	7,523	8,411	8,963	9,591
Maryland	3,491	3,866	4,194	4,457	4,933	5,368	5,887	6,455	6,960	7,688	8,467
New Jersey	3,921	4,233	4,549	4,828	5,331	5,779	6,269	6,797	7,386	8,193	9,030
New York	3,875	4,188	4,500	4,757	5,164	5,586	6,068	6,499	7,063	7,750	8,514
Pennsylvania	3,314	3,568	3,801	4,058	4,509	4,952	5,438	5,975	6,549	7,234	7,996
Great Lakes	**3,474**	**3,648**	**3,939**	**4,221**	**4,758**	**5,152**	**5,581**	**6,130**	**6,771**	**7,479**	**8,241**
Illinois	3,718	3,930	4,251	4,534	5,122	5,584	6,113	6,609	7,256	8,008	8,784
Indiana	3,210	3,333	3,628	3,896	4,504	4,729	5,159	5,710	6,286	6,964	7,637
Michigan	3,549	3,641	3,942	4,272	4,815	5,165	5,554	6,175	6,874	7,562	8,310
Ohio	3,397	3,591	3,849	4,106	4,576	5,015	5,368	5,926	6,555	7,251	8,008
Wisconsin	3,210	3,457	3,727	3,996	4,472	4,876	5,315	5,824	6,438	7,142	8,028
Plains	**3,124**	**3,384**	**3,652**	**3,965**	**4,675**	**4,865**	**5,347**	**5,701**	**6,291**	**7,114**	**7,810**
Iowa	3,208	3,419	3,584	3,937	4,796	4,840	5,438	5,729	6,351	7,389	7,906
Kansas	3,104	3,363	3,706	4,085	4,662	4,996	5,470	5,935	6,410	7,065	8,003
Minnesota	3,271	3,557	3,790	4,038	4,807	5,065	5,429	5,841	6,552	7,311	8,050
Missouri	3,074	3,364	3,629	3,877	4,358	4,626	5,090	5,556	6,162	6,818	7,598
Nebraska	3,133	3,358	3,712	4,001	4,674	4,787	5,508	5,740	6,140	7,178	7,668
North Dakota	2,723	2,892	3,360	4,002	5,659	5,438	5,650	5,513	5,762	7,278	7,491
South Dakota	2,713	2,982	3,283	3,776	4,767	4,711	5,232	5,093	5,867	6,747	7,476
Southeast	**2,706**	**2,956**	**3,205**	**3,484**	**3,920**	**4,275**	**4,654**	**5,103**	**5,585**	**6,243**	**6,915**
Alabama	2,425	2,670	2,901	3,163	3,538	3,880	4,292	4,769	5,207	5,803	6,395
Arkansas	2,329	2,548	2,802	3,076	3,581	3,904	4,227	4,620	5,100	5,858	6,333
Florida	3,213	3,560	3,833	4,136	4,633	4,989	5,334	5,732	6,285	7,058	7,864
Georgia	2,755	3,000	3,274	3,556	3,992	4,319	4,657	5,101	5,541	6,186	6,756
Kentucky	2,597	2,812	3,023	3,265	3,686	4,018	4,397	4,848	5,365	5,957	6,714
Louisiana	2,574	2,796	2,999	3,214	3,587	4,015	4,458	4,950	5,449	6,131	6,842
Mississippi	2,184	2,385	2,631	2,900	3,287	3,544	3,846	4,315	4,785	5,226	5,877
North Carolina	2,666	2,891	3,117	3,417	3,853	4,162	4,524	4,960	5,358	5,972	6,519
South Carolina	2,505	2,745	2,938	3,172	3,567	3,940	4,277	4,702	5,070	5,635	6,198
Tennessee	2,622	2,840	3,097	3,413	3,853	4,210	4,542	5,027	5,513	6,189	6,829
Virginia	3,045	3,264	3,556	3,842	4,293	4,701	5,209	5,704	6,242	6,940	7,760
West Virginia	2,449	2,757	3,004	3,259	3,590	3,929	4,399	4,823	5,339	5,930	6,532
Southwest	**2,916**	**3,201**	**3,445**	**3,697**	**4,145**	**4,535**	**5,037**	**5,528**	**6,023**	**6,810**	**7,634**
Arizona	3,058	3,385	3,696	3,958	4,400	4,729	5,016	5,474	5,944	6,734	7,591
New Mexico	2,592	2,850	3,110	3,381	3,722	4,091	4,597	4,991	5,494	6,121	6,805
Oklahoma	2,812	3,095	3,344	3,567	4,055	4,399	4,904	5,322	5,835	6,477	7,425
Texas	2,947	3,227	3,457	3,711	4,158	4,570	5,112	5,632	6,128	6,960	7,763
Rocky Mountain	**3,008**	**3,342**	**3,622**	**3,946**	**4,404**	**4,846**	**5,264**	**5,714**	**6,215**	**7,019**	**7,732**
Colorado	3,193	3,559	3,896	4,170	4,643	5,103	5,573	6,050	6,597	7,423	8,295
Idaho	2,910	3,194	3,376	3,750	4,222	4,788	4,996	5,476	5,814	6,522	7,023
Montana	2,871	3,221	3,410	3,874	4,444	4,755	5,166	5,485	5,833	6,837	7,248
Utah	2,735	3,026	3,291	3,558	3,865	4,228	4,647	5,118	5,629	6,254	6,891
Wyoming	3,160	3,476	3,812	4,251	4,814	5,393	5,945	6,342	7,169	8,225	9,122
Far West	**3,847**	**4,149**	**4,392**	**4,677**	**5,169**	**5,694**	**6,262**	**6,847**	**7,442**	**8,297**	**9,268**
Alaska	4,034	4,534	4,862	5,103	5,931	6,891	8,932	10,151	10,437	10,695	11,162
California	3,961	4,272	4,516	4,801	5,291	5,809	6,360	6,945	7,571	8,450	9,479
Hawaii	3,890	4,382	4,663	4,918	5,325	6,052	6,578	6,964	7,351	7,993	8,881
Nevada	3,833	4,360	4,660	4,924	5,425	5,735	6,353	6,893	7,588	8,595	9,389
Oregon	3,143	3,431	3,700	4,023	4,487	4,969	5,446	6,039	6,511	7,285	8,068
Washington	3,587	3,754	3,948	4,217	4,723	5,268	5,834	6,398	6,961	7,823	8,699

See footnotes at end of table.

Table 4.—Per Capita Disposable Personal Income by State and Region, 1969–99—Continued

[Dollars]

Area name	1980 r	1981 r	1982 r	1983 r	1984 r	1985 r	1986 r	1987 r	1988 r	1989 r	1990 r
United States	**8,848**	**9,752**	**10,344**	**11,014**	**12,186**	**12,908**	**13,528**	**14,213**	**15,282**	**16,207**	**17,146**
New England	**9,226**	**10,175**	**11,007**	**11,956**	**13,402**	**14,292**	**15,220**	**16,426**	**18,145**	**19,216**	**19,874**
Connecticut	10,655	11,817	12,678	13,776	15,411	16,298	17,305	18,742	20,815	22,364	23,279
Maine	7,502	8,166	8,657	9,373	10,423	11,143	11,895	12,779	13,887	14,827	15,414
Massachusetts	9,121	10,013	10,935	11,896	13,415	14,336	15,316	16,557	18,370	19,248	19,915
New Hampshire	8,757	9,753	10,583	11,596	12,969	13,999	14,916	16,144	17,493	18,279	18,450
Rhode Island	8,520	9,465	10,207	10,977	12,171	13,011	13,724	14,524	16,052	17,249	17,795
Vermont	7,663	8,520	9,091	9,717	10,706	11,484	12,168	13,084	14,218	15,315	15,838
Mideast	**9,421**	**10,357**	**11,125**	**11,980**	**13,221**	**14,049**	**14,880**	**15,780**	**17,238**	**18,352**	**19,514**
Delaware	8,984	9,799	10,657	11,487	12,668	13,749	14,330	15,391	16,675	18,015	18,612
District of Columbia	10,480	11,328	12,471	13,202	14,571	15,443	16,192	17,100	19,196	20,769	22,921
Maryland	9,530	10,405	11,167	12,173	13,413	14,573	15,447	16,337	17,767	18,767	19,712
New Jersey	10,137	11,198	12,004	13,036	14,414	15,227	16,105	17,272	19,129	20,391	21,503
New York	9,480	10,459	11,252	12,154	13,531	14,278	15,191	16,060	17,583	18,582	19,899
Pennsylvania	8,817	9,642	10,323	10,944	11,880	12,689	13,360	14,123	15,203	16,401	17,433
Great Lakes	**8,971**	**9,733**	**10,248**	**10,814**	**12,012**	**12,730**	**13,386**	**13,999**	**14,978**	**15,853**	**16,699**
Illinois	9,519	10,502	11,108	11,630	12,925	13,610	14,304	15,038	16,141	17,054	18,042
Indiana	8,246	8,990	9,362	9,865	11,006	11,578	12,199	12,896	13,742	14,625	15,398
Michigan	9,009	9,621	10,027	10,675	11,876	12,804	13,550	13,998	15,010	15,850	16,589
Ohio	8,797	9,502	10,048	10,658	11,856	12,566	13,152	13,701	14,707	15,565	16,442
Wisconsin	8,811	9,482	10,073	10,562	11,589	12,170	12,761	13,456	14,180	15,074	15,817
Plains	**8,365**	**9,377**	**9,864**	**10,442**	**11,752**	**12,414**	**13,011**	**13,660**	**14,258**	**15,167**	**16,007**
Iowa	8,366	9,496	9,797	10,105	11,431	11,974	12,568	13,238	13,574	14,601	15,295
Kansas	8,674	9,614	10,273	10,825	12,035	12,635	13,244	13,749	14,427	14,973	16,009
Minnesota	8,867	9,685	10,309	10,866	12,431	13,168	13,899	14,671	15,308	16,459	17,328
Missouri	8,195	9,082	9,515	10,321	11,479	12,240	12,814	13,440	14,221	15,026	15,611
Nebraska	8,099	9,410	9,709	10,299	11,662	12,356	12,776	13,473	14,314	15,011	16,071
North Dakota	7,085	9,056	9,831	10,263	11,149	11,623	11,965	12,297	11,438	12,916	14,320
South Dakota	7,362	8,570	8,936	9,346	10,772	11,047	11,560	12,174	12,711	13,531	14,846
Southeast	**7,666**	**8,505**	**9,028**	**9,674**	**10,768**	**11,419**	**12,002**	**12,684**	**13,676**	**14,585**	**15,443**
Alabama	6,996	7,702	8,197	8,728	9,689	10,329	10,884	11,457	12,380	13,241	14,097
Arkansas	6,741	7,616	7,905	8,466	9,512	10,121	10,567	10,925	11,696	12,372	12,988
Florida	8,857	9,839	10,278	11,276	12,395	13,085	13,666	14,540	15,650	16,919	17,731
Georgia	7,442	8,247	8,838	9,514	10,748	11,518	12,269	12,930	13,931	14,687	15,537
Kentucky	7,267	7,996	8,429	8,708	9,869	10,266	10,665	11,317	12,033	12,852	13,623
Louisiana	7,709	8,686	9,269	9,647	10,388	10,820	10,867	11,061	11,876	12,586	13,681
Mississippi	6,347	7,034	7,524	7,772	8,589	8,998	9,376	9,906	10,657	11,364	11,927
North Carolina	7,208	8,007	8,562	9,231	10,432	11,159	11,847	12,518	13,596	14,435	15,257
South Carolina	6,880	7,597	8,041	8,661	9,727	10,376	10,901	11,563	12,512	13,082	14,199
Tennessee	7,449	8,227	8,709	9,251	10,376	11,055	11,742	12,512	13,470	14,295	15,193
Virginia	8,784	9,681	10,419	11,284	12,562	13,348	14,184	15,028	16,181	17,162	17,899
West Virginia	7,162	7,779	8,328	8,534	9,279	9,736	10,258	10,688	11,429	12,059	12,997
Southwest	**8,493**	**9,564**	**10,113**	**10,605**	**11,631**	**12,322**	**12,520**	**12,785**	**13,562**	**14,348**	**15,251**
Arizona	8,493	9,348	9,634	10,346	11,471	12,232	12,826	13,404	14,073	14,677	15,247
New Mexico	7,520	8,253	8,716	9,346	10,151	10,827	11,083	11,382	11,959	12,585	13,396
Oklahoma	8,329	9,422	10,036	10,285	11,244	11,767	12,038	12,034	12,748	13,576	14,264
Texas	8,616	9,753	10,344	10,832	11,871	12,584	12,681	12,926	13,751	14,579	15,600
Rocky Mountain	**8,611**	**9,500**	**10,028**	**10,646**	**11,560**	**12,063**	**12,415**	**12,857**	**13,512**	**14,463**	**15,402**
Colorado	9,347	10,430	11,098	11,928	13,028	13,575	13,922	14,452	15,250	16,261	17,251
Idaho	7,779	8,286	8,557	9,240	9,956	10,452	10,799	11,356	12,175	13,152	14,071
Montana	8,009	8,999	9,473	9,842	10,478	10,657	11,269	11,652	11,916	12,946	13,785
Utah	7,515	8,204	8,640	9,218	10,075	10,594	10,943	11,245	11,706	12,448	13,219
Wyoming	10,166	11,051	11,545	11,229	12,020	12,704	12,616	12,757	13,467	14,612	16,077
Far West	**10,250**	**11,219**	**11,802**	**12,481**	**13,648**	**14,393**	**15,011**	**15,682**	**16,763**	**17,585**	**18,657**
Alaska	12,738	13,862	15,699	16,569	17,091	17,903	17,673	17,206	17,827	19,003	19,937
California	10,497	11,541	12,119	12,769	14,032	14,815	15,442	16,142	17,239	17,985	19,027
Hawaii	10,054	10,748	11,514	12,354	13,322	13,959	14,560	15,242	16,536	17,758	19,428
Nevada	10,348	11,187	11,449	11,959	12,848	13,573	14,141	14,833	15,905	17,144	18,112
Oregon	8,788	9,395	9,644	10,352	11,320	11,876	12,345	13,004	14,190	14,933	16,003
Washington	9,544	10,378	11,038	11,769	12,630	13,241	13,969	14,572	15,494	16,583	17,761

See footnotes at end of table.

Table 4.—Per Capita Disposable Personal Income by State and Region, 1969–99—Continued

[Dollars]

Area name	1991 r	1992 r	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	Percent change 1998–99	Percent of national average 1999	Rank in U.S. 1999
United States	**17,673**	**18,594**	**19,104**	**19,808**	**20,604**	**21,375**	**22,312**	**23,238**	**24,297**	**4.6**	.....	.....
New England	**20,256**	**21,269**	**21,846**	**22,688**	**23,565**	**24,499**	**25,778**	**26,998**	**28,516**	**5.6**	**117**	.....
Connecticut	23,376	24,603	25,317	26,139	27,082	28,018	29,312	30,373	31,797	4.7	131	1
Maine	15,661	16,347	16,759	17,323	17,919	18,734	19,542	20,343	21,530	5.8	89	37
Massachusetts	20,482	21,525	22,126	23,050	23,901	24,961	26,378	27,793	29,589	6.5	122	3
New Hampshire	19,106	19,863	20,078	21,260	22,250	22,924	24,175	25,542	26,732	4.7	110	6
Rhode Island	17,980	18,848	19,582	20,075	21,219	22,048	23,378	24,453	25,686	5.0	106	13
Vermont	16,062	17,083	17,496	18,192	18,906	19,550	20,333	21,257	22,308	4.9	92	32
Mideast	**20,137**	**21,202**	**21,604**	**22,200**	**23,151**	**24,109**	**25,057**	**26,099**	**27,350**	**4.8**	**113**	.....
Delaware	19,361	20,078	20,670	21,156	21,839	22,758	23,285	24,587	25,714	4.6	106	12
District of Columbia	24,396	26,305	27,796	28,510	28,734	29,468	29,535	30,083	31,457	4.6	129	.....
Maryland	20,304	21,080	21,675	22,408	23,104	23,680	24,409	25,448	26,686	4.9	110	7
New Jersey	21,870	23,163	23,489	24,104	25,255	26,385	27,656	28,910	30,251	4.6	125	2
New York	20,585	21,735	21,948	22,555	23,703	24,804	25,637	26,663	28,072	5.3	116	4
Pennsylvania	18,095	18,984	19,579	20,090	20,773	21,568	22,625	23,550	24,498	4.0	101	17
Great Lakes	**17,152**	**18,250**	**18,868**	**19,804**	**20,582**	**21,201**	**22,255**	**23,147**	**24,038**	**3.8**	**99**	.....
Illinois	18,649	20,016	20,472	21,292	22,282	23,295	24,384	25,374	26,519	4.5	109	8
Indiana	15,831	16,917	17,588	18,402	18,968	19,680	20,568	21,508	22,223	3.3	91	35
Michigan	16,895	17,873	18,703	19,954	20,821	21,044	22,086	22,904	23,684	3.4	97	21
Ohio	16,854	17,810	18,388	19,277	19,892	20,358	21,467	22,235	23,018	3.5	95	25
Wisconsin	16,310	17,332	17,959	18,802	19,516	20,196	21,258	22,277	23,213	4.2	96	24
Plains	**16,623**	**17,605**	**17,950**	**18,957**	**19,573**	**20,712**	**21,576**	**22,458**	**23,454**	**4.4**	**97**	.....
Iowa	15,744	16,766	16,679	18,096	18,663	19,974	20,859	21,467	22,252	3.7	92	33
Kansas	16,651	17,715	18,130	18,834	19,184	20,154	21,118	21,958	22,880	4.2	94	27
Minnesota	17,809	18,808	19,033	20,241	21,107	22,288	23,306	24,652	26,003	5.5	107	11
Missouri	16,432	17,343	17,996	18,781	19,431	20,187	21,200	21,700	22,469	3.5	92	29
Nebraska	16,716	17,557	17,951	18,799	19,584	21,201	21,649	22,525	23,805	5.7	98	20
North Dakota	14,639	16,001	16,015	17,142	17,084	19,018	18,572	20,384	20,842	2.2	86	38
South Dakota	15,524	16,420	16,874	17,894	18,016	19,784	20,173	21,257	22,443	5.6	92	30
Southeast	**16,015**	**16,840**	**17,523**	**18,237**	**19,014**	**19,734**	**20,553**	**21,331**	**22,232**	**4.2**	**92**	.....
Alabama	14,758	15,618	16,063	16,779	17,473	17,965	18,728	19,316	20,068	3.9	83	41
Arkansas	13,682	14,754	15,255	15,842	16,509	17,258	17,972	18,586	19,412	4.4	80	47
Florida	18,148	18,517	19,379	19,939	20,936	21,682	22,386	23,249	24,201	4.1	100	19
Georgia	16,109	17,064	17,688	18,574	19,430	20,482	21,204	22,117	23,225	5.0	96	22
Kentucky	14,360	15,309	15,718	16,275	16,818	17,562	18,472	19,132	19,930	4.2	82	44
Louisiana	14,483	15,337	15,993	16,922	17,559	17,996	18,768	19,505	20,016	2.6	82	42
Mississippi	12,554	13,388	14,028	14,953	15,497	16,215	16,914	17,637	18,241	3.4	75	50
North Carolina	15,749	16,898	17,680	18,367	19,207	19,970	20,934	21,607	22,424	3.8	92	31
South Carolina	14,610	15,313	15,856	16,578	17,191	17,916	18,737	19,485	20,491	5.2	84	39
Tennessee	15,842	17,052	17,857	18,658	19,613	20,056	20,875	21,638	22,626	4.6	93	28
Virginia	18,447	19,254	19,915	20,633	21,216	21,977	23,059	23,934	25,010	4.5	103	15
West Virginia	13,606	14,459	15,007	15,565	15,968	16,493	17,187	17,788	18,377	3.3	76	49
Southwest	**15,888**	**16,727**	**17,295**	**17,973**	**18,734**	**19,443**	**20,464**	**21,460**	**22,398**	**4.4**	**92**	.....
Arizona	15,566	16,127	16,640	17,498	18,217	18,890	19,880	20,942	21,855	4.4	90	36
New Mexico	14,126	14,723	15,380	15,983	16,815	17,291	17,910	18,594	19,396	4.3	80	48
Oklahoma	14,839	15,618	16,117	16,647	17,233	17,775	18,454	19,097	19,800	3.7	81	45
Texas	16,307	17,239	17,824	18,495	19,289	20,054	21,172	22,234	23,223	4.4	96	23
Rocky Mountain	**16,058**	**16,777**	**17,566**	**18,172**	**19,088**	**19,878**	**20,976**	**22,075**	**23,278**	**5.4**	**96**	.....
Colorado	17,942	18,753	19,636	20,398	21,595	22,585	24,008	25,457	26,801	5.3	110	5
Idaho	14,357	15,189	16,116	16,609	17,283	17,856	18,385	19,236	20,419	6.1	84	40
Montana	14,733	15,253	16,124	16,082	16,686	17,153	17,728	18,623	19,590	5.2	81	46
Utah	13,853	14,452	15,000	15,685	16,454	17,308	18,305	19,085	20,013	4.9	82	43
Wyoming	16,929	17,516	18,102	18,663	19,145	19,178	20,375	20,803	22,244	6.9	92	34
Far West	**19,041**	**19,836**	**20,107**	**20,588**	**21,365**	**22,053**	**22,918**	**23,867**	**25,106**	**5.2**	**103**	.....
Alaska	20,650	21,234	22,037	22,381	22,874	23,010	23,733	24,366	24,978	2.5	103	16
California	19,303	20,069	20,227	20,646	21,431	22,085	22,859	23,814	25,100	5.4	103	14
Hawaii	20,179	21,272	22,024	22,351	22,596	22,568	23,064	23,347	24,305	4.1	100	18
Nevada	18,797	19,989	20,563	21,670	22,692	23,573	24,564	25,282	26,205	3.7	108	9
Oregon	16,387	17,023	17,707	18,506	19,603	20,281	21,282	21,927	22,964	4.7	95	26
Washington	18,618	19,541	20,023	20,566	21,192	22,240	23,598	24,915	26,203	5.2	108	10

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NOTE.—Per capita disposable personal income is total disposable personal income divided by total midyear population estimates of the Bureau of the Census.

Table 5.—Personal Income by Major Source

[Millions

Line	Item	United States							New England						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	5,598,446	5,878,362	6,192,235	6,538,103	6,942,114	7,351,547	7,776,493	333,140	347,347	364,297	384,144	410,384	434,722	462,422
2	Population (thousands) [2]	257,783	260,327	262,803	265,229	267,784	270,248	272,691	13,216	13,243	13,283	13,329	13,378	13,429	13,496
3	Per capita personal income (dollars) [3]	21,718	22,581	23,562	24,651	25,924	27,203	28,518	25,208	26,229	27,426	28,820	30,676	32,373	34,264
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	4,019,490	4,212,378	4,412,022	4,653,407	4,960,879	5,302,066	5,653,061	236,243	246,210	257,171	271,302	290,590	310,860	334,229
5	Less: Personal contributions for social insurance [4]	237,265	253,544	268,271	279,891	297,564	315,446	334,041	13,519	14,355	15,269	15,958	17,088	18,096	19,297
6	Plus: Adjustment for residence [5]	–798	–860	–893	–914	–979	–1,019	–1,170	4,163	4,219	4,835	5,615	5,642	5,567	5,964
7	Equals: Net earnings by place of residence	3,781,427	3,957,974	4,142,858	4,372,602	4,662,336	4,985,601	5,317,849	226,887	236,073	246,737	260,959	279,143	298,330	320,896
8	Plus: Dividends, interest, and rent [6]	1,018,460	1,086,612	1,163,537	1,236,804	1,317,431	1,382,416	1,440,453	60,401	63,068	66,382	70,663	76,067	80,205	83,541
9	Plus: Transfer payments	798,559	833,776	885,840	928,697	962,347	983,530	1,018,191	45,852	48,206	51,178	52,522	55,174	56,186	57,985
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	3,079,080	3,232,379	3,421,108	3,623,084	3,885,737	4,184,088	4,469,617	183,355	190,868	202,237	214,074	230,721	248,290	267,269
11	Other labor income	478,158	503,265	493,090	485,597	496,450	511,221	531,172	27,398	28,367	27,560	27,908	28,364	29,270	30,776
12	Proprietors' income [7]	462,252	476,734	497,824	544,726	578,692	606,757	652,272	25,490	26,974	27,374	29,319	31,505	33,299	36,184
13	Farm	30,540	32,099	22,322	34,244	29,570	25,724	25,001	421	369	248	303	209	264	262
14	Nonfarm	431,712	444,635	475,502	510,482	549,122	581,033	627,271	25,070	26,605	27,126	29,016	31,296	33,035	35,922
	Earnings by Industry														
15	Farm	43,601	45,431	36,696	49,490	45,698	43,016	44,172	731	677	599	687	608	664	699
16	Nonfarm	3,975,889	4,166,947	4,375,326	4,603,917	4,915,181	5,259,050	5,608,888	235,512	245,532	256,572	270,614	289,982	310,195	333,531
17	Private	3,253,306	3,418,813	3,606,034	3,810,189	4,094,756	4,408,261	4,721,444	201,197	210,107	220,180	232,890	251,046	269,882	291,462
18	Agricultural services, forestry, fishing, and other [8]	27,768	26,901	27,942	28,529	31,401	34,445	38,395	1,490	1,323	1,358	1,425	1,570	1,740	1,992
19	Agricultural services	24,064	23,253	24,368	25,463	27,957	30,780	n.a.	1,156	1,075	1,110	1,199	1,319	1,474	n.a.
20	Forestry, fishing, and other [8]	3,704	3,648	3,574	3,066	3,444	3,665	n.a.	334	249	248	226	251	266	n.a.
21	Mining	37,397	38,791	39,457	40,969	45,988	47,984	45,242	214	226	235	247	280	302	318
22	Metal mining	2,491	2,512	2,914	3,092	3,031	2,883	n.a.	5	1	1	1	(L)	(L)	n.a.
23	Coal mining	6,930	7,058	6,907	6,668	6,719	6,766	n.a.	25	13	24	16	17	18	n.a.
24	Oil and gas extraction	23,632	24,522	24,943	26,437	31,259	32,993	n.a.	47	56	63	84	111	117	n.a.
25	Nonmetallic minerals, except fuels	4,344	4,699	4,693	4,772	4,979	5,342	n.a.	136	157	146	147	152	166	n.a.
26	Construction	208,155	228,180	238,030	256,466	276,965	302,174	328,776	11,048	11,922	12,505	13,356	14,522	15,977	17,837
27	Manufacturing	730,237	767,480	790,747	800,423	847,972	891,190	916,055	46,751	47,815	48,624	50,174	53,280	55,823	58,149
28	Durable goods	440,648	466,876	484,854	489,648	523,667	554,820	570,262	31,914	32,325	32,758	33,944	36,136	37,996	39,195
29	Lumber and wood products	22,941	25,056	25,532	26,337	27,884	29,724	n.a.	834	917	948	1,024	1,108	(D)	n.a.
30	Furniture and fixtures	13,843	14,744	14,921	15,161	16,533	17,858	n.a.	408	440	434	451	511	550	n.a.
31	Stone, clay, and glass products	19,404	20,675	21,430	22,739	23,387	24,817	n.a.	800	810	805	815	845	892	n.a.
32	Primary metal industries	33,229	33,932	33,987	35,158	35,845	36,900	n.a.	1,182	1,237	1,253	1,395	1,431	1,495	n.a.
33	Fabricated metal products	50,502	54,185	56,576	57,700	60,836	63,736	n.a.	3,713	3,899	4,076	4,120	4,456	4,499	n.a.
34	Industrial machinery and equipment	86,013	91,450	96,045	99,640	108,556	115,562	n.a.	6,957	6,939	6,849	7,112	7,514	8,144	n.a.
35	Electronic and other electric equipment	65,180	69,469	73,330	77,288	84,254	89,892	n.a.	5,711	6,009	6,549	7,175	7,781	(D)	n.a.
36	Motor vehicles and equipment	51,046	59,270	65,430	54,326	58,460	61,702	n.a.	239	255	277	288	389	418	n.a.
37	Other transportation equipment	45,410	44,045	42,744	43,385	46,853	50,066	n.a.	5,224	4,957	4,677	4,549	4,703	4,816	n.a.
38	Instruments and related products	41,217	41,063	41,506	44,122	46,527	49,339	n.a.	5,215	5,170	5,179	5,311	5,636	5,944	n.a.
39	Miscellaneous manufacturing industries	11,863	12,987	13,353	13,792	14,532	15,224	n.a.	1,630	1,693	1,712	1,703	1,761	1,845	n.a.
40	Nondurable goods	289,589	300,604	305,893	310,775	324,305	336,370	345,793	14,838	15,490	15,866	16,230	17,144	17,828	18,954
41	Food and kindred products	53,850	55,411	55,449	57,313	59,724	62,155	n.a.	1,613	1,666	1,633	1,695	1,763	1,805	n.a.
42	Tobacco products	2,561	2,457	2,748	2,817	2,866	2,809	n.a.	50	29	66	68	75	68	n.a.
43	Textile mill products	17,479	17,990	17,717	17,328	18,113	18,062	n.a.	1,098	1,155	1,159	1,128	1,193	1,163	n.a.
44	Apparel and other textile products	20,131	20,523	20,118	19,341	19,292	19,043	n.a.	694	682	678	666	680	(D)	n.a.
45	Paper and allied products	29,042	29,843	30,211	31,003	32,144	32,498	n.a.	2,352	2,395	2,440	2,496	2,592	2,552	n.a.
46	Printing and publishing	57,036	59,669	60,859	62,307	65,011	68,831	n.a.	3,718	3,971	4,099	4,220	4,420	4,706	n.a.
47	Chemicals and allied products	67,109	69,949	73,690	74,868	78,806	82,310	n.a.	2,586	2,719	2,859	3,058	3,347	3,638	n.a.
48	Petroleum and coal products	9,908	10,193	9,240	9,093	9,496	10,009	n.a.	146	172	197	202	212	215	n.a.
49	Rubber and miscellaneous plastics products	29,703	31,848	33,214	34,201	36,383	38,214	n.a.	2,020	2,139	2,226	2,248	2,404	2,535	n.a.
50	Leather and leather products	2,770	2,721	2,647	2,504	2,470	2,439	n.a.	561	561	509	449	456	(D)	n.a.
51	Transportation and public utilities	270,005	284,457	296,993	314,941	336,749	357,379	375,420	12,621	13,202	13,512	14,141	14,976	16,006	16,544
52	Railroad transportation	12,760	12,767	12,718	12,984	13,151	14,081	n.a.	239	257	266	269	287	(D)	n.a.
53	Trucking and warehousing	56,650	61,350	63,542	64,848	70,385	75,730	n.a.	2,035	2,187	2,232	2,260	2,426	2,639	n.a.
54	Water transportation	7,085	7,368	7,147	7,449	7,975	8,447	n.a.	223	236	233	265	274	300	n.a.
55	Other transportation	63,548	67,845	71,050	75,746	80,709	86,737	n.a.	2,826	2,989	3,165	3,307	3,486	3,795	n.a.
56	Communications	71,605	75,589	81,829	89,498	97,761	103,449	n.a.	3,389	3,561	3,634	3,778	3,998	4,402	n.a.
57	Electric, gas, and sanitary services	58,357	59,538	60,707	64,416	66,768	68,935	n.a.	3,908	3,971	3,981	4,263	4,504	(D)	n.a.
58	Wholesale trade	240,756	254,295	269,930	283,644	304,106	329,422	354,467	14,167	14,873	16,076	16,826	18,187	19,630	21,237
59	Retail trade	357,069	377,922	396,948	414,592	438,125	464,753	495,627	21,304	22,229	23,035	24,032	25,326	26,855	29,016
60	Finance, insurance, and real estate	319,974	324,891	351,384	388,913	430,953	477,189	522,557	22,472	22,977	24,768	26,687	29,696	33,120	37,052
61	Depository and nondepository institutions	90,056	91,678	93,617	101,458	111,930	125,808	n.a.	5,207	5,373	5,435	5,829	6,537	(D)	n.a.
62	Other finance, insurance, and real estate	229,918	233,213	257,767	287,455	319,023	351,381	n.a.	17,265	17,605	19,334	20,857	23,159	(D)	n.a.
63	Services	1,061,945	1,115,896	1,194,603	1,281,712	1,382,497	1,503,725	1,644,906	71,130	75,540	80,067	86,003	93,209	100,428	109,317
64	Hotels and other lodging places	33,956	35,159	38,421	40,610	42,284	46,000	n.a.	1,546	1,595	1,688	1,762	1,832	2,048	n.a.
65	Personal services	35,645	36,348	37,191	38,114	40,467	42,722	n.a.	2,017	2,071	2,129	2,217	2,360	2,483	n.a.
66	Private households	10,507	10,855	11,620	11,738	11,784	13,694	n.a.	469	480	511	513	511	591	n.a.
67	Business services	186,190	203,274	228,393	259,398	301,308	347,420	n.a.	11,760	13,469	14,752	16,961	19,607	22,233	n.a.
68	Auto repair, services, and parking	30,812	33,634	34,718	36,510	38,675	42,238	n.a.	1,652	1,829	1,846	1,979	2,118	2,272	n.a.
69	Miscellaneous repair services	14,574	14,628	15,752	16,219	16,426	17,948	n.a.	830	770	830	863	895	975	n.a.
70	Amusement and recreation services	33,161	34,996	39,198	42,251	44,542	48,720	n.a.	1,654	1,846	1,903	2,079	2,268	2,472	n.a.
71	Motion pictures	17,867	17,718	20,508	22,258	22,702	24,253	n.a.	523	436	497	502	486	503	n.a.
72	Health services	339,564	354,571	372,027	395,212	411,594	428,607	n.a.	23,921	24,913	25,919	27,622	28,699	29,640	n.a.
73	Legal services	85,902	86,710	88,510	92,521	98,673	105,897	n.a.	5,252	5,770	5,862	5,855	6,264	6,728	n.a.
74	Educational services	45,089	47,935	50,865	53,021	56,267	61,078	n.a.	6,128	6,340	6,706	6,960	7,323	7,752	n.a.
75	Social services	36,406	39,411	42,411	44,602	47,665	51,919	n.a.	2,850	3,078	3,278	3,431	3,704	3,988	n.a.
76	Museums, botanical, zoological gardens	1,496	1,622	1,703	1,833	1,975	2,150	n.a.	135	143	140	149	160	174	n.a.
77	Membership organizations	39,848	42,698	43,090	45,246	47,027	49,382	n.a.	1,610	1,785	1,809	1,918	2,036	2,239	n.a.
78	Engineering and management services	136,583	141,291	154,242	164,920	180,567	200,603	n.a.	9,992	10,155	11,286	12,127	13,679	15,047	n.a.
79	Miscellaneous services	14,345	15,046	15,954	17,259	20,541	21,094	n.a.	794	860	909	1,065	1,270	1,283	n.a.
80	Government and government enterprises	722,583	748,134	769,292	793,728	820,425	850,789	887,444	34,314	35,425	36,392	37,725	38,936	40,313	42,069
81	Federal, civilian	159,012	162,766	163,699	166,161	169,753	173,093	180,717	6,402	6,468	6,730	6,797	6,938	6,949	7,288
82	Military	71,761	69,974	68,174	70,667	70,622	70,159	70,619	2,038	1,875	1,760	1,845	1,849	1,762	1,767
83	State and local	491,810	515,394	537,419	556,900	580,050	607,537	636,109	25,875	27,081	27,902	29,082	30,149	31,602	33,014
84	State	144,267	151,800	157,891	163,345	168,326	174,023	n.a.	9,483	10,004	10,145	10,382	10,669	11,296	n.a.
85	Local	347,543	363,594	379,528	393,555	411,724	433,514	n.a.	16,391	17,078	17,757	18,700	19,480	20,307	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99

of dollars]

Connecticut							Maine							Massachusetts							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
96,866	99,788	104,315	109,354	116,477	122,191	128,548	23,292	24,174	25,046	26,434	27,886	29,316	31,276	154,262	161,886	170,052	180,237	193,199	205,814	220,658	1
3,272	3,268	3,265	3,267	3,269	3,273	3,282	1,238	1,238	1,237	1,241	1,245	1,248	1,253	6,011	6,031	6,062	6,085	6,115	6,144	6,175	2
29,602	30,532	31,947	33,472	35,636	37,338	39,167	18,810	19,531	20,240	21,293	22,394	23,499	24,960	25,664	26,841	28,051	29,618	31,592	33,496	35,733	3
67,239	69,332	72,132	75,317	81,097	86,121	91,139	15,984	16,496	16,821	17,586	18,546	19,646	21,304	114,052	119,718	125,641	133,668	143,228	154,006	167,403	4
3,839	4,031	4,269	4,448	4,794	5,037	5,292	944	1,000	1,051	1,085	1,148	1,203	1,296	6,258	6,684	7,148	7,522	8,072	8,598	9,262	5
3,466	3,505	4,119	4,892	4,876	4,769	5,177	103	140	183	209	238	278	265	–2,413	–2,598	–2,703	–2,936	–3,193	–3,523	–3,921	6
66,866	68,806	71,983	75,761	81,179	85,853	91,023	15,143	15,637	15,954	16,710	17,637	18,721	20,272	105,381	110,437	115,789	123,209	131,964	141,885	154,220	7
18,279	18,865	19,333	20,248	21,332	22,216	22,964	4,125	4,347	4,691	5,037	5,347	5,630	5,882	27,380	28,656	30,199	32,300	35,285	37,374	38,973	8
11,721	12,117	12,999	13,344	13,966	14,122	14,560	4,024	4,191	4,402	4,687	4,902	4,965	5,122	21,501	22,793	24,063	24,727	25,950	26,555	27,465	9
52,290	53,823	56,580	59,687	64,731	69,085	73,229	11,972	12,408	12,923	13,456	14,325	15,241	16,566	89,110	93,272	99,350	105,794	113,962	123,378	134,177	10
7,583	7,732	7,557	7,613	7,764	7,955	8,223	2,095	2,122	2,065	2,104	2,127	2,185	2,317	13,193	13,811	13,325	13,542	13,734	14,227	15,122	11
7,365	7,777	7,995	8,017	8,602	9,081	9,686	1,917	1,966	1,833	2,026	2,094	2,219	2,421	11,748	12,636	12,965	14,331	15,532	16,401	18,104	12
128	103	76	68	44	70	68	89	81	41	67	–1	21	21	88	75	61	71	97	66	80	13
7,237	7,674	7,920	7,949	8,558	9,012	9,618	1,828	1,886	1,792	1,959	2,094	2,199	2,400	11,660	12,561	12,905	14,260	15,435	16,335	18,024	14
215	190	176	180	162	188	199	155	145	114	145	79	100	107	170	155	151	167	195	166	186	15
67,024	69,142	71,956	75,137	80,936	85,933	90,940	15,828	16,351	16,708	17,441	18,467	19,545	21,197	113,882	119,563	125,490	133,500	143,033	153,840	167,216	16
58,023	59,824	62,501	65,395	71,010	75,710	80,688	12,558	13,104	13,399	14,067	15,000	15,955	17,433	98,101	103,089	108,521	115,804	124,735	134,823	147,012	17
380	346	355	380	417	462	520	208	169	171	168	187	209	248	625	561	575	617	680	748	861	18
370	337	349	377	412	454	n.a.	93	85	86	90	100	115	n.a.	477	454	464	508	564	630	n.a.	19
9	9	7	3	6	8	n.a.	115	84	85	77	87	94	n.a.	148	107	111	109	116	118	n.a.	20
97	100	105	124	143	154	160	7	7	4	3	3	3	3	66	72	73	69	82	88	95	21
5	(L)	(L)	(L)	(L)	(L)	n.a.	1	1	1	(L)	(L)	(D)	n.a.	(L)	(L)	(D)	(L)	(L)	(L)	n.a.	22
11	2	7	(D)	(D)	7	n.a.	(D)	(D)	(D)	0	0	0	n.a.	11	8	9	5	5	6	n.a.	23
38	45	52	(D)	(D)	(D)	n.a.	(D)	(D)	(D)	(L)	(L)	(D)	n.a.	6	8	(D)	15	21	22	n.a.	24
44	53	47	51	49	(D)	n.a.	5	4	2	2	2	2	n.a.	49	56	54	48	56	60	n.a.	25
3,107	3,234	3,471	3,533	3,887	4,124	4,461	960	983	1,001	1,118	1,164	1,274	1,546	4,857	5,421	5,656	6,122	6,681	7,458	8,457	26
14,476	14,688	14,863	15,337	16,436	17,311	18,100	3,085	3,186	3,221	3,256	3,411	3,481	3,573	20,704	21,139	21,553	22,254	23,543	24,678	25,956	27
10,421	10,511	10,485	10,846	11,641	12,199	12,503	1,424	1,499	1,552	1,593	1,691	1,743	1,784	14,179	14,256	14,526	15,044	15,905	16,704	17,384	28
(D)	106	126	150	164	179	n.a.	338	360	364	397	424	443	n.a.	127	135	144	157	171	180	n.a.	29
(D)	93	98	99	114	125	n.a.	(D)	36	36	40	48	49	n.a.	146	159	153	157	172	181	n.a.	30
207	191	182	189	186	188	n.a.	39	40	40	45	47	51	n.a.	353	369	376	368	391	419	n.a.	31
420	430	436	443	451	479	n.a.	20	20	22	25	23	25	n.a.	386	407	405	457	475	472	n.a.	32
1,400	1,474	1,504	1,553	1,694	1,746	n.a.	97	106	115	109	118	120	n.a.	1,653	1,721	1,810	1,790	1,936	1,906	n.a.	33
1,814	1,855	1,832	1,877	1,954	2,039	n.a.	141	159	158	170	185	193	n.a.	3,731	3,611	3,564	3,797	4,031	4,494	n.a.	34
1,405	1,512	1,674	1,916	2,147	2,301	n.a.	237	246	279	281	316	303	n.a.	2,903	3,011	3,242	3,477	3,671	3,808	n.a.	35
119	127	143	142	212	217	n.a.	(D)	14	14	13	15	17	n.a.	45	53	60	67	74	78	n.a.	36
3,279	3,127	2,903	2,824	2,938	2,990	n.a.	471	479	478	461	460	482	n.a.	1,175	1,068	1,034	1,028	1,067	1,074	n.a.	37
1,309	1,282	1,271	1,335	1,447	1,577	n.a.	22	21	25	28	31	32	n.a.	3,071	3,090	3,094	3,099	3,237	3,391	n.a.	38
294	313	317	318	335	358	n.a.	18	18	22	23	25	27	n.a.	588	633	643	647	680	700	n.a.	39
4,055	4,178	4,378	4,491	4,795	5,112	5,597	1,661	1,687	1,670	1,664	1,721	1,738	1,788	6,525	6,883	7,026	7,210	7,638	7,973	8,572	40
434	454	425	397	409	413	n.a.	165	166	158	165	172	177	n.a.	726	746	754	817	855	886	n.a.	41
50	29	66	68	75	67	n.a.	(L)	0	0	0	0	0	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	42
79	80	72	67	72	75	n.a.	138	143	133	132	130	119	n.a.	530	563	577	550	584	571	n.a.	43
141	142	153	158	171	174	n.a.	53	52	50	49	50	56	n.a.	399	394	379	365	361	346	n.a.	44
430	433	494	513	535	499	n.a.	773	766	751	764	802	800	n.a.	810	834	839	862	891	903	n.a.	45
1,024	1,082	1,087	1,098	1,155	1,296	n.a.	154	164	179	177	179	196	n.a.	1,929	2,065	2,140	2,229	2,349	2,494	n.a.	46
1,375	1,398	1,505	1,619	1,771	1,941	n.a.	52	55	69	77	83	86	n.a.	943	1,045	1,056	1,132	1,258	1,375	n.a.	47
19	47	73	81	87	88	n.a.	14	13	14	12	13	14	n.a.	107	105	99	97	103	104	n.a.	48
431	449	447	445	482	517	n.a.	91	99	105	104	104	105	n.a.	920	975	1,041	1,042	1,126	1,196	n.a.	49
71	65	56	45	38	41	n.a.	221	230	210	183	188	186	n.a.	160	157	140	116	111	98	n.a.	50
3,352	3,526	3,781	3,997	4,227	4,586	4,680	898	959	940	983	1,046	1,102	1,126	6,266	6,554	6,535	6,762	7,161	7,619	7,967	51
(D)	(D)	(D)	(D)	(D)	(D)	n.a.	31	(D)	(D)	39	37	39	n.a.	131	140	145	(D)	160	174	n.a.	52
512	548	548	545	580	617	n.a.	267	290	290	289	305	327	n.a.	856	923	943	962	1,040	1,141	n.a.	53
78	(D)	89	102	107	116	n.a.	(D)	25	(D)	(D)	(D)	(D)	n.a.	93	(D)	(D)	109	(D)	(D)	n.a.	54
(D)	(D)	(D)	(D)	(D)	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	1,585	(D)	(D)	(D)	(D)	(D)	n.a.	55
996	1,095	1,143	1,195	1,271	1,460	n.a.	190	209	211	223	241	263	n.a.	1,674	1,702	1,703	1,750	1,847	2,005	n.a.	56
923	903	1,002	1,143	1,215	1,193	n.a.	276	285	258	282	302	302	n.a.	1,927	2,034	1,947	1,987	2,088	2,140	n.a.	57
4,162	4,215	4,477	4,647	5,144	5,343	5,390	763	806	850	914	962	1,007	1,124	7,155	7,627	8,226	8,727	9,321	10,311	11,421	58
5,534	5,676	5,820	5,903	6,176	6,478	7,032	1,854	1,949	1,981	2,022	2,135	2,269	2,424	9,794	10,264	10,731	11,461	12,046	12,828	13,871	59
8,371	8,255	8,871	9,448	10,640	11,832	12,916	950	961	979	1,049	1,173	1,302	1,545	10,567	11,150	12,172	13,330	14,654	16,308	18,604	60
1,571	1,566	1,581	1,662	1,811	2,066	n.a.	263	280	293	315	364	(D)	n.a.	2,635	2,781	2,844	3,085	3,484	3,904	n.a.	61
6,801	6,689	7,291	7,787	8,829	9,766	n.a.	686	680	686	734	809	(D)	n.a.	7,932	8,369	9,328	10,245	11,170	12,404	n.a.	62
18,544	19,784	20,757	22,026	23,940	25,420	27,430	3,834	4,083	4,252	4,553	4,919	5,307	5,845	38,066	40,302	43,001	46,462	50,567	54,783	59,780	63
228	239	269	283	303	328	n.a.	147	149	158	165	173	184	n.a.	798	823	850	885	897	1,042	n.a.	64
618	615	648	640	679	695	n.a.	122	129	126	132	139	146	n.a.	916	948	981	1,044	1,114	1,187	n.a.	65
158	161	171	171	170	197	n.a.	44	45	48	48	48	55	n.a.	194	199	212	213	212	246	n.a.	66
3,371	4,107	4,011	4,505	5,249	5,788	n.a.	380	425	448	505	606	682	n.a.	6,312	7,074	8,289	9,718	11,236	12,920	n.a.	67
410	455	468	495	530	546	n.a.	144	162	157	162	164	178	n.a.	764	842	852	928	1,010	1,087	n.a.	68
236	218	230	226	237	256	n.a.	64	66	72	77	76	83	n.a.	387	331	363	378	397	435	n.a.	69
541	650	710	813	908	972	n.a.	80	86	90	90	95	104	n.a.	785	818	824	882	948	1,065	n.a.	70
175	118	142	151	137	133	n.a.	27	25	29	25	24	23	n.a.	248	225	253	253	255	272	n.a.	71
6,457	6,718	7,075	7,283	7,539	7,585	n.a.	1,591	1,688	1,755	1,888	2,008	2,131	n.a.	11,978	12,386	12,703	13,686	14,192	14,677	n.a.	72
1,309	1,308	1,337	1,328	1,423	1,518	n.a.	282	270	263	271	281	296	n.a.	2,922	3,474	3,547	3,547	3,813	4,107	n.a.	73
1,279	1,318	1,382	1,422	1,542	1,629	n.a.	198	211	229	242	256	273	n.a.	3,705	3,809	4,029	4,182	4,363	4,604	n.a.	74
692	763	813	860	918	993	n.a.	209	240	272	313	362	411	n.a.	1,449	1,535	1,621	1,662	1,789	1,894	n.a.	75
27	29	30	32	34	39	n.a.	5	5	5	5	5	6	n.a.	87	92	87	92	100	108	n.a.	76
446	530	554	596	649	729	n.a.	107	119	118	125	134	142	n.a.	776	846	845	887	935	1,030	n.a.	77
2,394	2,291	2,595	2,810	3,137	3,539	n.a.	371	402	431	453	483	527	n.a.	6,320	6,468	7,110	7,614	8,711	9,501	n.a.	78
203	264	322	411	486	473	n.a.	64	60	50	51	62	66	n.a.	425	432	434	491	593	608	n.a.	79
9,001	9,318	9,455	9,743	9,925	10,223	10,252	3,270	3,248	3,309	3,374	3,466	3,590	3,764	15,781	16,474	16,969	17,696	18,298	19,018	20,205	80
1,300	1,284	1,361	1,366	1,328	1,311	1,356	766	757	746	728	762	781	831	3,172	3,231	3,284	3,308	3,392	3,385	3,580	81
514	517	510	559	570	508	489	372	305	262	295	303	300	312	685	614	570	543	514	505	494	82
7,187	7,517	7,584	7,818	8,027	8,404	8,407	2,132	2,186	2,301	2,351	2,401	2,509	2,621	11,924	12,628	13,115	13,845	14,391	15,128	16,131	83
2,853	3,023	2,996	3,042	3,049	3,247	n.a.	752	758	812	809	817	850	n.a.	4,090	4,396	4,501	4,669	4,859	5,187	n.a.	84
4,334	4,494	4,588	4,776	4,978	5,156	n.a.	1,380	1,428	1,489	1,542	1,584	1,659	n.a.	7,835	8,232	8,614	9,176	9,533	9,941	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	New Hampshire							Rhode Island						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	25,273	26,990	28,650	30,228	32,553	34,958	37,121	22,090	22,612	23,787	24,818	26,505	27,914	29,447
2	Population (thousands) [2]	1,122	1,133	1,146	1,161	1,173	1,186	1,201	998	993	989	988	987	988	991
3	Per capita personal income (dollars) [3]	22,521	23,820	25,008	26,042	27,746	29,480	30,905	22,137	22,762	24,046	25,123	26,855	28,262	29,720
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	16,682	17,663	18,650	19,838	21,443	23,208	24,717	14,323	14,729	15,408	15,934	16,891	17,890	18,988
5	Less: Personal contributions for social insurance [4]	1,021	1,106	1,188	1,248	1,346	1,440	1,522	969	1,017	1,058	1,080	1,125	1,184	1,249
6	Plus: Adjustment for residence [5]	2,181	2,262	2,297	2,446	2,651	2,892	3,172	771	848	869	929	983	1,052	1,170
7	Equals: Net earnings by place of residence	17,841	18,819	19,758	21,036	22,748	24,660	26,367	14,125	14,561	15,219	15,783	16,750	17,758	18,909
8	Plus: Dividends, interest, and rent [6]	4,449	4,762	5,235	5,606	6,066	6,492	6,845	3,972	4,079	4,371	4,768	5,153	5,465	5,718
9	Plus: Transfer payments	2,982	3,410	3,656	3,587	3,739	3,807	3,908	3,992	3,972	4,196	4,267	4,602	4,692	4,820
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	12,735	13,574	14,636	15,628	16,998	18,522	19,772	11,226	11,528	12,156	12,564	13,372	14,249	15,123
11	Other labor income	1,822	1,931	1,902	1,916	1,964	2,059	2,141	1,800	1,826	1,780	1,804	1,848	1,888	1,964
12	Proprietors' income [7]	2,125	2,158	2,112	2,295	2,481	2,627	2,804	1,297	1,375	1,472	1,565	1,672	1,754	1,901
13	Farm	15	15	1	2	–1	–2	(L)	23	18	16	14	11	15	16
14	Nonfarm	2,110	2,143	2,111	2,293	2,481	2,629	2,804	1,274	1,357	1,456	1,552	1,662	1,739	1,885
	Earnings by Industry														
15	Farm	40	40	32	36	36	35	41	32	28	27	26	23	27	30
16	Nonfarm	16,642	17,623	18,618	19,802	21,407	23,172	24,676	14,291	14,702	15,380	15,908	16,868	17,863	18,958
17	Private	14,443	15,323	16,247	17,331	18,826	20,501	21,897	11,575	12,000	12,522	12,942	13,746	14,655	15,560
18	Agricultural services, forestry, fishing, and other [8]	105	95	101	105	120	139	160	112	94	97	97	102	110	124
19	Agricultural services	96	87	93	100	112	128	n.a.	61	57	60	64	69	76	n.a.
20	Forestry, fishing, and other [8]	9	9	8	5	8	11	n.a.	51	37	37	33	33	34	n.a.
21	Mining	16	18	18	20	19	19	21	8	9	15	12	13	15	16
22	Metal mining	(L)	(L)	(L)	(D)	(D)	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	(L)	n.a.
23	Coal mining	0	0	0	0	0	0	n.a.	1	2	9	5	5	6	n.a.
24	Oil and gas extraction	1	1	(L)	(D)	(D)	1	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.
25	Nonmetallic minerals, except fuels	15	17	18	19	18	(D)	n.a.	6	7	6	6	7	(D)	n.a.
26	Construction	982	1,053	1,120	1,256	1,364	1,542	1,616	609	681	689	728	792	880	1,034
27	Manufacturing	3,866	4,128	4,235	4,509	4,894	5,180	5,157	2,973	3,000	3,018	2,987	3,088	3,154	3,189
28	Durable goods	2,719	2,899	2,997	3,234	3,536	3,771	3,766	1,958	1,959	1,952	1,901	1,972	2,086	2,146
29	Lumber and wood products	142	162	159	164	181	197	n.a.	(D)	22	22	22	27	31	n.a.
30	Furniture and fixtures	40	44	36	34	42	47	n.a.	47	51	53	58	66	69	n.a.
31	Stone, clay, and glass products	73	79	74	79	81	86	n.a.	51	55	52	49	52	56	n.a.
32	Primary metal industries	166	185	191	212	233	262	n.a.	160	161	159	204	198	202	n.a.
33	Fabricated metal products	252	276	309	317	333	330	n.a.	226	233	241	246	257	278	n.a.
34	Industrial machinery and equipment	929	950	927	940	984	1,027	n.a.	198	215	220	171	191	199	n.a.
35	Electronic and other electric equipment	497	584	673	788	910	1,022	n.a.	162	185	198	200	214	225	n.a.
36	Motor vehicles and equipment	7	11	10	20	34	56	n.a.	(D)	33	31	26	32	26	n.a.
37	Other transportation equipment	37	42	42	46	53	54	n.a.	188	164	140	104	97	122	n.a.
38	Instruments and related products	523	504	515	570	618	618	n.a.	223	209	212	218	238	256	n.a.
39	Miscellaneous manufacturing industries	55	61	61	63	67	73	n.a.	642	631	624	601	600	622	n.a.
40	Nondurable goods	1,147	1,229	1,238	1,276	1,358	1,410	1,391	1,015	1,041	1,066	1,086	1,116	1,068	1,043
41	Food and kindred products	92	96	94	97	105	106	n.a.	83	85	76	86	90	87	n.a.
42	Tobacco products	(L)	0	0	0	0	0	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.
43	Textile mill products	113	119	125	129	148	148	n.a.	227	237	237	235	243	235	n.a.
44	Apparel and other textile products	55	48	49	49	51	51	n.a.	22	22	23	22	23	(D)	n.a.
45	Paper and allied products	194	206	195	192	198	198	n.a.	70	75	80	81	78	68	n.a.
46	Printing and publishing	260	287	292	300	300	308	n.a.	209	221	243	261	278	246	n.a.
47	Chemicals and allied products	53	58	63	68	72	77	n.a.	137	136	138	131	131	128	n.a.
48	Petroleum and coal products	3	3	7	7	8	8	n.a.	1	1	1	(L)	(L)	(D)	n.a.
49	Rubber and miscellaneous plastics products	308	337	342	358	385	395	n.a.	227	231	237	242	245	249	n.a.
50	Leather and leather products	70	75	71	75	91	119	n.a.	38	33	32	29	28	27	n.a.
51	Transportation and public utilities	955	950	959	965	1,014	1,088	1,118	709	748	822	949	1,019	1,061	1,103
52	Railroad transportation	(D)	(D)	21	21	22	24	n.a.	(D)	12	11	12	(D)	(D)	n.a.
53	Trucking and warehousing	157	170	178	184	199	225	n.a.	117	130	137	139	152	172	n.a.
54	Water transportation	(D)	7	(D)	(D)	(D)	(D)	n.a.	17	18	18	20	21	22	n.a.
55	Other transportation	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	(D)	120	127	134	(D)	(D)	n.a.
56	Communications	192	205	205	212	212	238	n.a.	226	229	254	285	310	313	n.a.
57	Electric, gas, and sanitary services	433	382	374	362	388	392	n.a.	229	240	275	358	376	384	n.a.
58	Wholesale trade	990	1,068	1,278	1,321	1,494	1,644	1,863	677	707	785	768	807	849	922
59	Retail trade	1,960	2,106	2,213	2,320	2,506	2,700	2,914	1,327	1,359	1,399	1,407	1,500	1,578	1,718
60	Finance, insurance, and real estate	1,130	1,149	1,235	1,294	1,488	1,695	1,880	1,005	1,014	1,044	1,075	1,216	1,425	1,499
61	Depository and nondepository institutions	269	278	263	275	303	333	n.a.	311	310	290	323	391	466	n.a.
62	Other finance, insurance, and real estate	861	871	971	1,019	1,186	1,362	n.a.	695	705	754	751	825	959	n.a.
63	Services	4,439	4,755	5,088	5,540	5,927	6,493	7,167	4,155	4,388	4,654	4,920	5,209	5,582	5,956
64	Hotels and other lodging places	136	138	151	162	172	190	n.a.	60	64	75	78	83	86	n.a.
65	Personal services	173	184	185	201	214	231	n.a.	124	129	127	129	137	144	n.a.
66	Private households	30	31	33	34	34	39	n.a.	21	21	23	23	22	26	n.a.
67	Business services	803	877	962	1,091	1,259	1,465	n.a.	638	721	782	813	885	954	n.a.
68	Auto repair, services, and parking	161	188	187	202	209	232	n.a.	102	105	105	115	120	136	n.a.
69	Miscellaneous repair services	64	68	71	78	82	90	n.a.	45	49	52	51	50	55	n.a.
70	Amusement and recreation services	120	128	135	144	154	164	n.a.	82	83	90	91	105	105	n.a.
71	Motion pictures	29	31	33	33	31	34	n.a.	19	16	17	19	17	18	n.a.
72	Health services	1,524	1,632	1,738	1,883	1,969	2,084	n.a.	1,629	1,706	1,800	1,987	2,065	2,198	n.a.
73	Legal services	298	293	285	277	285	307	n.a.	318	302	302	304	326	347	n.a.
74	Educational services	345	367	391	413	436	463	n.a.	404	421	449	466	480	518	n.a.
75	Social services	193	219	231	247	262	280	n.a.	222	235	247	248	263	289	n.a.
76	Museums, botanical, zoological gardens	4	5	5	6	6	6	n.a.	6	7	7	7	8	9	n.a.
77	Membership organizations	99	104	106	113	116	124	n.a.	135	135	136	144	148	158	n.a.
78	Engineering and management services	420	453	535	611	645	726	n.a.	325	365	416	420	466	502	n.a.
79	Miscellaneous services	39	38	40	48	52	56	n.a.	26	29	27	27	32	35	n.a.
80	Government and government enterprises	2,200	2,300	2,371	2,471	2,581	2,672	2,779	2,715	2,701	2,859	2,967	3,122	3,208	3,398
81	Federal, civilian	400	420	447	469	482	489	499	499	510	616	643	675	671	691
82	Military	61	61	60	64	65	64	65	350	319	300	322	336	325	347
83	State and local	1,739	1,819	1,864	1,938	2,033	2,118	2,215	1,866	1,872	1,942	2,001	2,111	2,212	2,360
84	State	574	624	615	622	649	657	n.a.	789	767	771	775	800	838	n.a.
85	Local	1,165	1,195	1,250	1,317	1,384	1,462	n.a.	1,077	1,106	1,171	1,226	1,311	1,373	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Vermont							Mideast							Delaware							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	**1993 r**	**1994 r**	**1995 r**	**1996 r**	**1997 r**	**1998 r**	**1999 p**	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
11,357	11,898	12,449	13,073	13,764	14,529	15,373	1,103,630	1,140,466	1,193,865	1,255,345	1,318,610	1,388,707	1,464,991	16,663	17,378	18,237	19,369	20,291	21,863	23,122	1
574	579	583	586	589	591	594	44,256	44,377	44,454	44,514	44,570	44,653	44,778	699	708	718	727	735	744	754	2
19,785	20,553	21,359	22,295	23,382	24,602	25,892	24,937	25,700	26,856	28,201	29,585	31,100	32,717	23,823	24,530	25,391	26,640	27,605	29,383	30,685	3
7,963	8,270	8,520	8,959	9,384	9,989	10,680	799,480	823,463	857,650	901,579	950,806	1,008,845	1,073,688	13,027	13,587	14,140	14,703	15,701	16,947	18,067	4
488	517	555	575	605	635	676	47,904	50,412	52,928	54,807	57,748	60,801	64,272	743	795	850	903	964	1,028	1,093	5
55	62	69	76	86	99	101	–11,746	–11,988	–12,858	–13,486	–14,230	–14,130	–15,063	–831	–862	–888	–788	–1,001	–874	–958	6
7,530	7,815	8,034	8,459	8,865	9,453	10,105	739,830	761,064	791,864	833,286	878,827	933,914	994,353	11,454	11,930	12,402	13,012	13,736	15,045	16,016	7
2,195	2,359	2,553	2,704	2,884	3,029	3,159	197,158	206,642	219,638	230,897	244,191	254,554	263,444	3,250	3,327	3,555	3,873	4,065	4,266	4,454	8
1,632	1,724	1,862	1,909	2,015	2,047	2,109	166,642	172,760	182,363	191,162	195,591	200,240	207,194	1,959	2,121	2,280	2,485	2,489	2,552	2,652	9
6,020	6,263	6,593	6,944	7,332	7,815	8,402	621,044	641,012	669,941	704,327	748,021	799,024	851,970	9,942	10,414	11,154	11,985	12,874	13,952	14,963	10
905	946	930	929	927	957	1,009	90,505	93,993	91,504	91,408	91,197	92,056	95,343	1,933	1,998	1,891	1,636	1,691	1,763	1,830	11
1,038	1,062	997	1,085	1,125	1,217	1,268	87,932	88,458	96,204	105,845	111,587	117,765	126,374	1,152	1,176	1,095	1,081	1,137	1,232	1,275	12
78	77	53	82	60	94	78	1,364	1,070	564	1,240	293	738	374	85	96	62	77	51	83	40	13
960	984	944	1,003	1,066	1,122	1,191	86,568	87,388	95,640	104,605	111,294	117,027	126,000	1,067	1,080	1,032	1,004	1,085	1,149	1,235	14
119	119	100	133	112	147	135	2,334	2,020	1,632	2,388	1,471	1,917	1,642	110	121	92	110	87	119	79	15
7,844	8,152	8,420	8,826	9,272	9,842	10,545	797,146	821,443	856,018	899,191	949,335	1,006,928	1,072,046	12,917	13,466	14,048	14,592	15,614	16,829	17,988	16
6,498	6,767	6,991	7,352	7,728	8,239	8,872	651,585	671,390	702,950	741,789	788,930	843,236	901,690	11,040	11,500	11,971	12,416	13,379	14,464	15,528	17
61	58	59	58	63	73	80	4,220	4,210	4,468	4,570	4,873	5,241	5,801	48	52	56	61	67	77	85	18
60	55	58	59	63	71	n.a.	2,923	2,822	2,920	3,060	3,292	3,596	n.a.	46	50	54	60	66	75	n.a.	19
2	2	1	–1	(L)	1	n.a.	1,297	1,388	1,548	1,510	1,581	1,645	n.a.	2	2	2	1	1	2	n.a.	20
19	21	19	19	20	23	23	1,995	2,081	1,981	2,051	2,222	(D)	(D)	7	6	13	11	13	13	13	21
(D)	(D)	(L)	(L)	(L)	(L)	n.a.	22	25	30	34	31	32	n.a.	(D)	(D)	(D)	3	3	(D)	n.a.	22
(D)	(D)	(D)	(D)	(D)	0	n.a.	1,029	1,009	986	1,005	1,045	1,099	n.a.	2	1	(D)	(D)	(D)	6	n.a.	23
(L)	(D)	(D)	(D)	(D)	(L)	n.a.	349	373	355	418	535	564	n.a.	(D)	(D)	3	3	4	(D)	n.a.	24
18	20	19	19	20	23	n.a.	595	675	610	593	611	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	(L)	n.a.	25
532	550	568	599	634	698	724	34,606	36,855	36,937	38,516	41,472	(D)	(D)	896	832	801	912	966	1,011	1,115	26
1,648	1,674	1,735	1,830	1,907	2,019	2,174	122,969	125,966	127,837	128,279	133,471	139,139	142,038	3,864	3,916	3,867	3,554	3,661	3,843	4,009	27
1,213	1,201	1,246	1,327	1,391	1,493	1,611	61,600	62,822	63,590	63,449	65,639	68,414	69,453	1,304	1,362	1,179	790	874	999	1,119	28
122	133	133	134	142	(D)	n.a.	1,738	1,827	1,829	1,817	1,953	(D)	n.a.	25	27	25	14	(D)	(D)	n.a.	29
55	58	58	62	70	78	n.a.	1,365	1,421	1,390	1,388	1,520	1,642	n.a.	16	16	16	15	33	53	n.a.	30
78	76	81	85	88	92	n.a.	3,757	3,902	4,014	4,260	4,218	4,442	n.a.	27	28	28	32	33	37	n.a.	31
31	34	41	54	51	56	n.a.	6,339	6,228	6,311	6,502	6,419	6,475	n.a.	59	62	64	70	76	74	n.a.	32
85	88	98	104	118	120	n.a.	6,998	7,159	7,331	7,401	7,726	8,054	n.a.	60	63	66	72	81	83	n.a.	33
145	149	148	158	168	192	n.a.	11,989	11,968	12,182	12,681	13,374	14,045	n.a.	51	55	56	59	59	63	n.a.	34
507	470	483	513	524	(D)	n.a.	9,130	9,291	9,457	9,546	10,025	10,628	n.a.	(D)	(D)	(D)	23	23	26	n.a.	35
15	17	19	20	23	24	n.a.	4,235	5,032	5,236	3,670	4,003	(D)	n.a.	850	891	695	283	366	420	n.a.	36
74	77	79	86	87	94	n.a.	3,161	3,242	3,034	2,860	3,024	(D)	n.a.	(D)	(D)	(D)	4	(D)	8	n.a.	37
67	64	62	61	66	70	n.a.	10,242	9,971	9,922	10,418	10,360	10,608	n.a.	173	176	189	207	173	206	n.a.	38
34	36	44	51	54	65	n.a.	2,646	2,780	2,883	2,906	3,015	(D)	n.a.	7	9	(D)	9	11	(D)	n.a.	39
434	473	489	503	515	526	563	61,368	63,144	64,246	64,830	67,832	70,725	72,584	2,559	2,554	2,688	2,764	2,787	2,844	2,890	40
114	120	126	132	133	137	n.a.	8,611	8,712	8,533	8,746	8,952	9,189	n.a.	231	243	251	245	252	257	n.a.	41
(L)	0	0	0	0	0	n.a.	189	210	258	338	342	336	n.a.	(D)	(D)	(L)	(D)	(D)	(L)	n.a.	42
12	13	15	14	16	15	n.a.	1,704	1,746	1,674	1,630	1,707	(D)	n.a.	(D)	(D)	(D)	42	(D)	(D)	n.a.	43
23	25	24	23	24	20	n.a.	4,979	4,876	4,699	4,510	4,551	(D)	n.a.	31	32	34	(D)	33	33	n.a.	44
74	82	81	84	88	83	n.a.	4,359	4,388	4,359	4,373	4,436	4,447	n.a.	74	76	101	114	77	83	n.a.	45
142	153	157	156	158	166	n.a.	14,866	15,417	15,703	15,926	16,762	17,895	n.a.	73	76	78	86	92	88	n.a.	46
26	28	28	30	31	30	n.a.	20,354	21,361	22,618	22,891	24,388	25,726	n.a.	1,931	1,908	2,004	2,060	2,096	2,141	n.a.	47
1	3	4	5	2	(D)	n.a.	1,719	1,737	1,589	1,525	1,538	1,626	n.a.	74	67	(D)	57	56	59	n.a.	48
42	49	54	58	63	72	n.a.	4,057	4,196	4,309	4,394	4,668	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	139	n.a.	49
1	1	(L)	(L)	(L)	(D)	n.a.	531	501	503	497	487	490	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	50
441	465	476	485	508	549	551	51,774	54,267	56,609	60,038	62,874	65,532	67,214	629	666	679	688	714	770	809	51
11	12	11	10	10	11	n.a.	1,608	1,637	1,575	1,553	1,522	1,789	n.a.	(D)	(D)	(D)	(D)	(D)	63	n.a.	52
126	127	136	140	149	157	n.a.	8,606	9,103	9,170	9,207	9,842	10,468	n.a.	154	167	171	172	183	204	n.a.	53
5	5	5	6	6	(D)	n.a.	1,611	1,587	1,374	1,334	1,363	1,345	n.a.	22	22	17	21	(D)	24	n.a.	54
69	74	80	87	91	99	n.a.	11,953	12,536	13,155	13,880	14,497	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	125	n.a.	55
110	121	118	112	116	124	n.a.	17,050	18,134	19,623	21,711	23,139	23,701	n.a.	95	105	102	111	116	130	n.a.	56
121	126	126	130	135	(D)	n.a.	10,945	11,270	11,712	12,354	12,511	(D)	n.a.	204	210	220	(D)	(D)	225	n.a.	57
420	450	460	448	459	476	517	47,541	49,227	50,991	52,417	55,515	59,821	64,257	489	521	551	578	609	655	733	58
834	875	892	920	963	1,001	1,058	60,119	62,717	64,721	66,408	69,842	73,217	77,157	1,040	1,114	1,183	1,257	1,337	1,416	1,524	59
449	448	467	490	525	557	608	91,824	91,688	102,011	118,334	128,519	138,870	152,429	1,325	1,491	1,717	1,959	2,274	2,531	2,803	60
158	158	164	169	184	200	n.a.	22,989	23,288	24,522	25,944	27,562	(D)	n.a.	780	911	1,038	1,196	1,431	1,606	n.a.	61
291	290	303	321	342	357	n.a.	68,835	68,400	77,489	92,390	100,956	(D)	n.a.	546	580	679	763	843	925	n.a.	62
2,092	2,227	2,315	2,503	2,648	2,843	3,138	236,539	244,378	257,396	271,177	290,142	314,294	340,965	2,743	2,901	3,103	3,397	3,738	4,148	4,437	63
177	181	184	190	203	216	n.a.	6,790	6,912	7,548	7,884	8,086	8,701	n.a.	41	41	44	46	49	51	n.a.	64
64	65	63	71	76	80	n.a.	5,814	5,952	6,072	6,165	6,570	6,973	n.a.	94	97	100	100	105	113	n.a.	65
22	23	24	25	25	28	n.a.	2,281	2,335	2,482	2,484	2,469	2,852	n.a.	27	28	30	31	31	36	n.a.	66
257	266	260	330	371	422	n.a.	39,238	41,555	45,152	50,338	57,853	66,057	n.a.	475	475	534	594	714	872	n.a.	67
70	76	76	78	85	92	n.a.	4,822	5,204	5,278	5,521	5,862	6,303	n.a.	85	91	96	100	111	121	n.a.	68
33	37	42	54	53	56	n.a.	2,150	2,137	2,243	2,292	2,335	2,506	n.a.	42	44	48	53	60	64	n.a.	69
45	80	55	59	58	63	n.a.	6,696	6,501	7,197	7,610	7,965	8,884	n.a.	66	69	79	98	110	121	n.a.	70
26	21	22	21	21	23	n.a.	3,378	3,467	4,153	4,465	4,186	4,474	n.a.	12	11	11	11	15	13	n.a.	71
743	783	848	896	925	964	n.a.	72,415	75,333	78,908	82,076	84,355	87,186	n.a.	1,007	1,063	1,116	1,233	1,285	1,379	n.a.	72
122	123	128	127	135	151	n.a.	24,699	24,625	25,050	26,242	28,275	30,453	n.a.	245	274	293	308	335	367	n.a.	73
197	214	225	234	246	264	n.a.	14,177	14,952	15,701	16,043	16,954	18,753	n.a.	93	101	110	117	123	133	n.a.	74
85	87	94	102	110	120	n.a.	10,108	10,924	11,569	11,937	12,603	13,574	n.a.	128	137	148	156	169	183	n.a.	75
5	6	6	6	7	7	n.a.	426	473	496	536	562	591	n.a.	16	17	17	17	19	20	n.a.	76
48	51	50	53	54	58	n.a.	8,529	9,043	8,905	9,273	9,622	10,101	n.a.	110	120	123	132	138	139	n.a.	77
163	176	200	218	236	253	n.a.	31,499	31,837	33,510	35,346	38,937	43,273	n.a.	285	308	323	360	424	484	n.a.	78
37	38	36	38	44	44	n.a.	3,517	3,127	3,131	2,966	3,505	3,613	n.a.	18	25	33	41	50	51	n.a.	79
1,347	1,384	1,429	1,474	1,544	1,603	1,672	145,561	150,053	153,068	157,403	160,405	163,693	170,356	1,878	1,966	2,077	2,176	2,236	2,364	2,460	80
264	266	275	283	298	311	332	41,678	42,421	42,579	42,757	43,864	44,407	46,178	290	283	296	311	313	313	315	81
56	59	59	62	61	61	61	6,499	6,449	6,196	6,227	6,207	6,227	6,302	237	236	249	250	242	242	248	82
1,027	1,059	1,095	1,128	1,186	1,231	1,280	97,383	101,182	104,293	108,419	110,334	113,059	117,876	1,350	1,447	1,532	1,615	1,681	1,809	1,897	83
426	435	450	465	494	516	n.a.	25,118	26,434	27,260	29,005	28,791	28,257	n.a.	748	818	882	921	963	1,040	n.a.	84
601	623	645	663	692	715	n.a.	72,266	74,748	77,033	79,413	81,542	84,802	n.a.	602	629	650	695	718	770	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	District of Columbia							Maryland						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	18,251	18,499	18,217	18,517	18,628	18,988	19,840	124,076	129,849	135,115	140,809	148,264	156,759	166,350
2	Population (thousands) [2]	576	565	551	538	529	521	519	4,943	4,985	5,024	5,057	5,093	5,130	5,172
3	Per capita personal income (dollars) [3]	31,665	32,743	33,045	34,401	35,230	36,415	38,228	25,104	26,046	26,896	27,844	29,112	30,557	32,166
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	36,395	37,252	37,588	37,872	38,974	40,653	43,042	79,204	82,622	86,111	89,354	95,224	101,410	108,829
5	Less: Personal contributions for social insurance [4]	1,675	1,767	1,826	1,866	1,922	2,031	2,158	4,677	4,977	5,215	5,416	5,773	6,100	6,528
6	Plus: Adjustment for residence [5]	–22,372	–23,050	–23,401	–23,489	–24,405	–25,561	–27,060	14,522	14,950	15,013	15,291	15,473	16,695	17,680
7	Equals: Net earnings by place of residence	12,348	12,435	12,362	12,517	12,647	13,060	13,824	89,049	92,595	95,909	99,228	104,924	112,004	119,982
8	Plus: Dividends, interest, and rent [6]	3,467	3,591	3,462	3,402	3,425	3,343	3,356	22,086	23,545	24,835	26,301	27,407	28,407	29,445
9	Plus: Transfer payments	2,435	2,474	2,393	2,599	2,555	2,584	2,661	12,941	13,709	14,371	15,280	15,933	16,348	16,923
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	28,055	28,834	29,278	29,653	30,488	32,032	34,094	61,972	64,841	67,775	71,144	76,238	81,535	87,920
11	Other labor income	6,274	6,418	6,321	6,146	6,300	6,359	6,552	10,017	10,618	10,615	10,421	10,756	11,134	11,708
12	Proprietors' income [7]	2,066	1,999	1,989	2,073	2,186	2,262	2,397	7,216	7,163	7,721	7,789	8,230	8,741	9,201
13	Farm	0	0	0	0	0	0	0	212	191	109	249	104	177	135
14	Nonfarm	2,066	1,999	1,989	2,073	2,186	2,262	2,397	7,004	6,972	7,611	7,540	8,126	8,563	9,066
	Earnings by Industry														
15	Farm	0	0	0	0	0	0	0	309	287	219	367	227	300	267
16	Nonfarm	36,395	37,252	37,588	37,872	38,974	40,653	43,042	78,895	82,335	85,893	88,987	94,997	101,110	108,562
17	Private	18,831	19,391	19,825	20,515	21,184	22,938	24,919	59,044	61,700	64,473	66,856	72,099	77,054	82,962
18	Agricultural services, forestry, fishing, and other [8]	639	688	788	784	812	838	995	451	458	464	492	528	575	637
19	Agricultural services	9	9	9	9	11	10	n.a.	423	434	444	471	504	549	n.a.
20	Forestry, fishing, and other [8]	630	680	779	775	800	827	n.a.	28	23	20	21	24	26	n.a.
21	Mining	13	11	18	13	14	(D)	(D)	75	82	80	79	84	93	95
22	Metal mining	1	1	(D)	1	1	(D)	n.a.	(L)	(L)	(L)	(L)	(D)	(L)	n.a.
23	Coal mining	(D)	(D)	(D)	(D)	(D)	5	n.a.	30	30	34	31	(D)	(D)	n.a.
24	Oil and gas extraction	(D)	(D)	7	6	7	6	n.a.	7	6	5	6	8	(D)	n.a.
25	Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	38	46	40	42	45	48	n.a.
26	Construction	353	369	368	382	424	(D)	(D)	4,843	5,289	5,434	5,753	6,277	6,746	7,307
27	Manufacturing	843	819	833	867	902	942	993	7,464	7,883	8,001	7,785	8,180	8,617	8,938
28	Durable goods	98	100	109	135	154	175	172	4,112	4,425	4,532	4,208	4,389	4,614	4,675
29	Lumber and wood products	1	1	2	2	(D)	3	n.a.	118	120	124	121	(D)	151	n.a.
30	Furniture and fixtures	4	3	3	4	3	3	n.a.	96	105	97	96	107	107	n.a.
31	Stone, clay, and glass products	5	6	5	7	6	7	n.a.	244	256	268	264	258	263	n.a.
32	Primary metal industries	4	4	3	4	4	4	n.a.	463	459	467	493	462	493	n.a.
33	Fabricated metal products	3	3	2	2	1	2	n.a.	302	311	306	323	345	380	n.a.
34	Industrial machinery and equipment	10	9	9	10	15	12	n.a.	658	723	762	772	776	785	n.a.
35	Electronic and other electric equipment	(D)	(D)	(D)	75	85	102	n.a.	602	601	607	627	695	748	n.a.
36	Motor vehicles and equipment	5	5	7	6	(D)	(D)	n.a.	380	539	620	271	(D)	259	n.a.
37	Other transportation equipment	(D)	(D)	(D)	19	(D)	(D)	n.a.	280	310	351	305	325	370	n.a.
38	Instruments and related products	3	3	4	3	4	3	n.a.	901	924	852	849	904	955	n.a.
39	Miscellaneous manufacturing industries	3	4	(D)	3	3	6	n.a.	67	78	77	88	100	106	n.a.
40	Nondurable goods	745	719	724	732	747	767	821	3,352	3,457	3,469	3,577	3,791	4,003	4,263
41	Food and kindred products	15	15	13	13	13	13	n.a.	743	742	728	742	777	808	n.a.
42	Tobacco products	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(D)	n.a.
43	Textile mill products	1	1	1	1	2	1	n.a.	(D)	(D)	(D)	37	(D)	50	n.a.
44	Apparel and other textile products	1	(L)	(L)	(L)	(L)	(D)	n.a.	193	192	176	(D)	168	169	n.a.
45	Paper and allied products	5	5	6	5	5	5	n.a.	299	291	283	296	313	316	n.a.
46	Printing and publishing	695	666	672	674	679	694	n.a.	1,074	1,139	1,158	1,192	1,242	1,315	n.a.
47	Chemicals and allied products	22	25	26	33	41	47	n.a.	656	678	699	729	802	870	n.a.
48	Petroleum and coal products	7	6	5	6	6	6	n.a.	35	39	(D)	41	45	47	n.a.
49	Rubber and miscellaneous plastics products	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	288	311	322	341	364	390	n.a.
50	Leather and leather products	(L)	(L)	(L)	(L)	0	0	n.a.	(D)	(D)	27	(D)	(D)	(D)	n.a.
51	Transportation and public utilities	1,248	1,255	1,271	1,271	1,271	1,176	1,438	4,512	4,815	5,092	5,326	5,574	5,883	6,110
52	Railroad transportation	(D)	(D)	(D)	113	111	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.
53	Trucking and warehousing	26	29	28	28	33	35	n.a.	845	925	940	951	1,010	1,075	n.a.
54	Water transportation	12	7	6	6	(D)	6	n.a.	133	147	148	144	146	149	n.a.
55	Other transportation	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.
56	Communications	714	708	728	750	760	669	n.a.	1,456	1,542	1,571	1,717	1,850	1,981	n.a.
57	Electric, gas, and sanitary services	240	253	250	(D)	(D)	(D)	n.a.	1,061	1,112	1,281	1,333	1,341	1,380	n.a.
58	Wholesale trade	352	309	308	295	307	321	419	4,173	4,363	4,584	4,838	5,170	5,487	5,989
59	Retail trade	876	884	882	859	852	878	889	7,411	7,754	8,052	8,204	8,630	9,087	9,439
60	Finance, insurance, and real estate	1,719	1,670	1,732	1,868	2,049	2,303	2,600	6,168	6,189	6,404	6,743	7,658	8,259	9,203
61	Depository and nondepository institutions	484	491	512	563	573	(D)	n.a.	1,844	1,807	1,678	1,773	1,941	2,185	n.a.
62	Other finance, insurance, and real estate	1,235	1,179	1,220	1,305	1,476	(D)	n.a.	4,325	4,383	4,726	4,970	5,717	6,074	n.a.
63	Services	12,789	13,387	13,625	14,176	14,553	16,034	17,152	23,946	24,867	26,363	27,636	29,998	32,307	35,244
64	Hotels and other lodging places	571	518	529	511	501	490	n.a.	684	729	913	975	1,044	1,093	n.a.
65	Personal services	112	114	114	112	113	121	n.a.	695	702	718	724	769	831	n.a.
66	Private households	94	94	97	95	92	105	n.a.	249	257	275	277	278	322	n.a.
67	Business services	1,086	1,162	1,301	1,342	1,515	1,671	n.a.	4,730	5,063	5,616	6,090	7,041	7,979	n.a.
68	Auto repair, services, and parking	75	73	74	71	71	66	n.a.	580	643	669	713	758	804	n.a.
69	Miscellaneous repair services	15	13	12	11	11	10	n.a.	262	267	296	293	307	316	n.a.
70	Amusement and recreation services	90	96	93	106	105	133	n.a.	575	595	637	713	793	777	n.a.
71	Motion pictures	50	44	57	61	63	73	n.a.	129	118	141	136	127	130	n.a.
72	Health services	1,617	1,680	1,771	1,763	1,683	1,661	n.a.	7,092	7,407	7,806	8,116	8,410	8,727	n.a.
73	Legal services	3,353	3,488	3,480	3,697	3,740	4,198	n.a.	1,706	1,682	1,338	1,335	1,421	1,519	n.a.
74	Educational services	1,150	1,204	1,161	1,190	1,239	1,422	n.a.	1,026	1,094	1,196	1,212	1,285	1,420	n.a.
75	Social services	378	438	439	448	456	518	n.a.	831	894	978	1,044	1,102	1,195	n.a.
76	Museums, botanical, zoological gardens	17	17	19	17	19	21	n.a.	24	26	28	30	32	36	n.a.
77	Membership organizations	1,737	1,858	1,811	1,879	1,940	2,050	n.a.	849	873	873	912	954	998	n.a.
78	Engineering and management services	2,358	2,492	2,559	2,716	2,850	3,326	n.a.	4,288	4,256	4,602	4,820	5,385	5,868	n.a.
79	Miscellaneous services	89	96	107	157	155	170	n.a.	226	260	278	247	293	291	n.a.
80	Government and government enterprises	17,564	17,860	17,764	17,358	17,790	17,714	18,122	19,851	20,635	21,419	22,131	22,899	24,056	25,601
81	Federal, civilian	14,191	14,393	14,456	14,049	14,578	14,418	14,901	8,549	8,895	9,169	9,482	9,996	10,544	11,130
82	Military	1,058	1,043	1,032	1,079	1,080	1,080	1,105	1,845	1,864	1,887	1,982	2,000	2,009	2,038
83	State and local	2,316	2,424	2,275	2,229	2,132	2,216	2,116	9,458	9,875	10,364	10,667	10,902	11,503	12,432
84	State	0	0	0	0	0	0	n.a.	3,111	3,233	3,365	3,493	3,494	3,634	n.a.
85	Local	2,316	2,424	2,275	2,229	2,132	2,216	n.a.	6,347	6,642	6,999	7,175	7,408	7,870	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

New Jersey							New York							Pennsylvania							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
213,419	220,817	233,209	246,659	262,423	278,349	294,024	464,201	478,586	503,163	530,990	554,061	583,061	617,709	267,020	275,337	285,923	299,001	314,944	329,687	343,946	1
7,875	7,919	7,966	8,010	8,054	8,096	8,143	18,141	18,157	18,151	18,144	18,143	18,159	18,197	12,022	12,043	12,045	12,038	12,016	12,002	11,994	2
27,101	27,885	29,277	30,795	32,582	34,383	36,106	25,589	26,359	27,721	29,266	30,538	32,108	33,946	22,211	22,864	23,738	24,838	26,211	27,469	28,676	3
147,545	153,208	160,833	169,602	179,371	190,546	202,438	340,317	347,730	363,361	386,538	407,354	432,572	463,492	182,992	189,064	195,616	203,510	214,181	226,718	237,820	4
9,128	9,689	10,188	10,590	11,135	11,810	12,436	20,474	21,321	22,461	23,353	24,635	25,880	27,539	11,207	11,862	12,388	12,679	13,320	13,951	14,517	5
11,557	11,424	12,103	13,116	15,128	17,130	18,514	–15,887	–15,864	–17,340	–19,443	–21,457	–23,033	–24,963	1,266	1,414	1,654	1,828	2,032	1,513	1,724	6
149,973	154,943	162,748	172,128	183,364	195,865	208,516	303,955	310,544	323,559	343,742	361,262	383,658	410,989	173,051	178,616	184,883	192,659	202,893	214,280	225,026	7
36,673	38,561	41,463	44,525	48,124	51,091	53,231	82,924	86,970	93,271	97,209	101,652	105,431	108,956	48,759	50,650	53,053	55,587	59,519	62,016	64,002	8
26,773	27,314	28,997	30,005	30,935	31,393	32,277	77,322	81,072	86,333	90,039	91,146	93,972	97,764	45,211	46,071	47,988	50,755	52,532	53,391	54,917	9
116,722	121,188	126,656	132,869	141,258	152,027	161,349	266,445	272,476	285,277	301,724	320,422	341,941	367,221	137,907	143,260	149,802	156,951	166,742	177,537	186,424	10
15,701	16,319	16,032	16,943	16,951	16,108	16,272	34,620	36,000	35,075	34,744	34,161	34,881	36,568	21,959	22,639	21,569	21,517	21,337	21,811	22,414	11
15,121	15,701	18,146	19,790	21,162	22,411	24,817	39,252	39,254	43,008	50,070	52,770	55,750	59,702	23,126	23,165	24,246	25,042	26,102	27,370	28,982	12
123	137	121	119	56	78	46	363	220	101	236	–57	145	115	581	426	170	559	139	254	39	13
14,998	15,564	18,025	19,671	21,106	22,333	24,771	38,888	39,033	42,907	49,834	52,827	55,605	59,588	22,545	22,739	24,076	24,483	25,963	27,116	28,944	14
247	263	268	282	228	250	235	712	559	477	634	347	551	548	956	790	576	995	582	697	513	15
147,297	152,945	160,565	169,321	179,143	190,296	202,203	339,605	347,171	362,883	385,904	407,007	432,020	462,944	182,036	188,274	195,040	202,515	213,599	226,021	237,307	16
123,960	128,845	135,688	142,606	151,967	163,518	174,558	283,266	289,071	303,931	325,754	345,990	369,323	397,119	155,445	160,882	167,063	173,642	184,312	195,939	206,604	17
642	632	657	697	756	815	871	1,490	1,496	1,608	1,629	1,731	1,854	2,018	949	885	895	908	979	1,083	1,196	18
610	607	631	678	736	793	n.a.	906	863	903	942	1,012	1,106	n.a.	928	858	878	901	964	1,063	n.a.	19
32	25	26	19	20	22	n.a.	584	633	705	687	720	749	n.a.	21	26	17	7	15	20	n.a.	20
212	250	210	189	200	229	231	307	348	343	369	418	419	417	1,380	1,383	1,317	1,390	1,494	1,592	1,593	21
1	(L)	(L)	(L)	(D)	(D)	n.a.	(D)	(D)	25	30	27	27	n.a.	(L)	(L)	(L)	(L)	(L)	(D)	n.a.	22
5	5	9	7	(D)	(D)	n.a.	(D)	(D)	9	12	13	14	n.a.	985	962	919	945	983	1,033	n.a.	23
26	22	17	21	32	36	n.a.	119	130	139	165	212	205	n.a.	186	204	183	218	272	(D)	n.a.	24
181	222	184	160	161	184	n.a.	165	189	170	161	165	172	n.a.	209	217	214	228	238	258	n.a.	25
6,566	6,952	7,039	7,303	7,898	8,329	9,294	11,906	12,719	12,805	13,235	14,100	15,666	17,293	10,042	10,694	10,491	10,930	11,806	12,577	14,036	26
25,734	26,531	26,853	26,587	27,789	28,890	29,582	45,632	45,742	46,001	46,367	47,926	50,072	50,845	39,432	41,075	42,282	43,118	45,013	46,775	47,671	27
9,248	9,541	9,663	9,339	9,708	9,976	10,274	24,555	24,220	24,396	24,711	25,301	26,366	26,722	22,283	23,173	23,712	24,267	25,212	26,284	26,491	28
128	136	135	135	147	161	n.a.	463	459	453	435	460	503	n.a.	1,003	1,084	1,091	1,111	1,198	1,324	n.a.	29
236	255	247	226	254	263	n.a.	475	485	472	472	504	570	n.a.	539	556	553	574	618	648	n.a.	30
679	707	740	723	728	746	n.a.	1,142	1,170	1,223	1,358	1,312	1,394	n.a.	1,661	1,736	1,750	1,876	1,881	1,996	n.a.	31
626	647	631	607	635	645	n.a.	1,003	969	967	967	989	1,035	n.a.	4,185	4,088	4,179	4,361	4,254	4,225	n.a.	32
1,355	1,351	1,377	1,347	1,354	1,339	n.a.	2,044	2,111	2,136	2,152	2,280	2,434	n.a.	3,234	3,320	3,443	3,506	3,665	3,816	n.a.	33
1,701	1,723	1,713	1,791	1,821	1,911	n.a.	5,405	5,003	5,084	5,345	5,717	6,031	n.a.	4,165	4,454	4,557	4,704	4,988	5,242	n.a.	34
1,657	1,671	1,664	1,588	1,629	1,550	n.a.	3,892	3,885	4,030	4,129	4,237	4,625	n.a.	2,905	3,060	3,083	3,103	3,357	3,577	n.a.	35
408	620	720	388	422	437	n.a.	1,874	2,194	2,351	1,920	2,037	2,038	n.a.	717	784	843	802	884	879	n.a.	36
112	127	142	160	171	188	n.a.	1,055	945	662	552	610	630	n.a.	1,690	1,836	1,856	1,821	1,889	2,002	n.a.	37
1,794	1,761	1,751	1,843	1,984	2,154	n.a.	5,906	5,625	5,618	5,954	5,711	5,643	n.a.	1,464	1,482	1,509	1,561	1,585	1,646	n.a.	38
551	543	544	530	562	583	n.a.	1,295	1,374	1,400	1,428	1,444	1,461	n.a.	722	773	847	847	895	930	n.a.	39
16,486	16,990	17,190	17,249	18,081	18,915	19,308	21,077	21,522	21,605	21,656	22,625	23,706	24,122	17,149	17,902	18,570	18,852	19,801	20,491	21,180	40
1,943	1,951	1,928	1,980	2,010	2,041	n.a.	2,685	2,717	2,614	2,687	2,728	2,793	n.a.	2,994	3,043	2,999	3,078	3,172	3,277	n.a.	41
4	1	(D)	1	1	1	n.a.	159	184	230	301	302	294	n.a.	26	25	27	36	39	41	n.a.	42
462	465	414	385	398	406	n.a.	569	589	569	545	592	594	n.a.	615	630	620	620	622	622	n.a.	43
787	762	732	702	688	673	n.a.	2,828	2,796	2,735	2,681	2,738	2,704	n.a.	1,139	1,093	1,022	927	924	915	n.a.	44
937	946	931	948	976	1,015	n.a.	1,424	1,427	1,407	1,410	1,432	1,417	n.a.	1,620	1,644	1,631	1,599	1,634	1,612	n.a.	45
2,559	2,661	2,642	2,790	3,028	3,152	n.a.	7,619	7,913	8,125	8,094	8,523	9,327	n.a.	2,846	2,962	3,028	3,091	3,198	3,319	n.a.	46
7,962	8,342	8,740	8,716	9,221	9,845	n.a.	4,095	4,220	4,257	4,265	4,554	4,833	n.a.	5,688	6,189	6,892	7,088	7,674	7,990	n.a.	47
642	642	580	523	529	542	n.a.	328	317	274	284	280	257	n.a.	633	666	630	614	621	715	n.a.	48
1,089	1,109	1,106	1,092	1,127	1,137	n.a.	1,147	1,141	1,180	1,175	1,268	1,299	n.a.	1,417	1,513	1,574	1,659	1,776	1,839	n.a.	49
101	112	(D)	112	104	102	n.a.	222	218	214	214	208	188	n.a.	172	137	146	139	142	161	n.a.	50
12,223	13,323	14,076	15,026	15,907	16,301	16,539	20,726	21,270	22,240	23,840	24,750	25,886	26,471	12,437	12,937	13,252	13,887	14,658	15,514	15,847	51
123	127	121	117	113	132	n.a.	408	423	421	417	423	(D)	n.a.	758	771	729	714	692	(D)	n.a.	52
2,501	2,604	2,583	2,594	2,805	2,933	n.a.	2,334	2,452	2,467	2,476	2,582	2,733	n.a.	2,747	2,927	2,981	2,984	3,228	3,487	n.a.	53
686	692	561	535	544	507	n.a.	512	490	436	429	450	469	n.a.	247	230	207	198	197	190	n.a.	54
2,405	2,634	2,840	3,193	3,210	3,470	n.a.	5,754	5,817	6,122	6,287	6,613	(D)	n.a.	2,685	2,889	2,915	3,102	3,313	(D)	n.a.	55
4,481	5,138	5,606	6,028	6,663	6,630	n.a.	7,562	7,856	8,459	9,610	9,993	10,363	n.a.	2,742	2,785	3,157	3,495	3,757	3,928	n.a.	56
2,027	2,127	2,365	2,560	2,571	2,628	n.a.	4,156	4,233	4,335	4,621	4,690	4,854	n.a.	3,257	3,335	3,262	3,393	3,472	3,610	n.a.	57
12,442	13,038	13,507	14,168	15,118	16,709	17,939	19,819	20,301	20,837	21,378	22,523	24,022	25,690	10,266	10,695	11,205	11,160	11,789	12,629	13,487	58
11,863	12,299	12,837	13,157	13,756	14,361	14,933	22,517	23,667	24,146	24,883	26,290	27,724	29,840	16,412	16,998	17,620	18,048	18,976	19,750	20,533	59
12,256	12,082	13,086	14,639	15,863	18,180	20,115	57,319	57,009	64,928	77,797	84,138	89,366	98,226	13,037	13,248	14,144	15,328	16,537	18,231	19,482	60
2,769	2,809	2,959	3,088	3,191	3,666	n.a.	13,395	13,496	14,497	15,186	16,059	16,632	n.a.	3,718	3,775	3,839	4,137	4,366	4,973	n.a.	61
9,487	9,273	10,128	11,551	12,672	14,514	n.a.	43,924	43,513	50,432	62,610	68,078	72,735	n.a.	9,319	9,473	10,304	11,191	12,170	13,258	n.a.	62
42,022	43,739	47,423	50,839	54,677	59,704	65,054	103,551	106,518	111,023	116,256	124,115	134,313	146,319	51,489	52,967	55,858	58,872	63,060	67,789	72,759	63
2,560	2,618	2,816	2,954	2,925	3,213	n.a.	1,999	2,077	2,286	2,365	2,484	2,669	n.a.	936	930	961	1,033	1,083	1,185	n.a.	64
1,106	1,086	1,134	1,182	1,244	1,333	n.a.	2,201	2,320	2,414	2,434	2,627	2,789	n.a.	1,606	1,632	1,591	1,612	1,712	1,785	n.a.	65
275	282	301	303	303	352	n.a.	1,348	1,378	1,464	1,464	1,454	1,679	n.a.	288	296	314	314	311	357	n.a.	66
8,358	9,333	10,512	12,229	14,074	16,257	n.a.	17,541	18,229	19,176	21,049	24,208	27,431	n.a.	7,048	7,294	8,014	9,035	10,302	11,846	n.a.	67
1,001	1,075	1,107	1,151	1,197	1,255	n.a.	1,692	1,768	1,780	1,852	1,970	2,145	n.a.	1,389	1,554	1,552	1,634	1,756	1,911	n.a.	68
489	467	491	510	486	539	n.a.	765	760	781	787	819	877	n.a.	577	586	616	638	653	700	n.a.	69
876	897	998	1,047	1,076	1,193	n.a.	3,848	3,603	4,049	4,203	4,389	4,830	n.a.	1,241	1,241	1,342	1,443	1,492	1,830	n.a.	70
281	293	339	373	366	388	n.a.	2,661	2,769	3,354	3,626	3,349	3,606	n.a.	245	232	251	258	267	264	n.a.	71
12,946	13,464	14,274	14,871	15,283	15,818	n.a.	29,706	31,427	32,961	34,188	34,878	36,046	n.a.	20,047	20,292	20,980	21,905	22,816	23,556	n.a.	72
2,898	2,888	3,064	3,154	3,382	3,539	n.a.	12,709	12,448	12,821	13,618	14,990	16,199	n.a.	3,787	3,846	4,054	4,130	4,405	4,632	n.a.	73
1,356	1,447	1,508	1,550	1,637	1,773	n.a.	6,451	6,702	6,975	7,067	7,523	8,501	n.a.	4,102	4,403	4,752	4,907	5,147	5,503	n.a.	74
1,018	1,089	1,192	1,226	1,313	1,453	n.a.	5,563	5,999	6,237	6,338	6,663	7,041	n.a.	2,192	2,367	2,575	2,725	2,900	3,185	n.a.	75
23	24	25	26	26	28	n.a.	277	316	328	360	379	393	n.a.	69	73	79	86	87	95	n.a.	76
1,056	1,140	1,130	1,188	1,217	1,277	n.a.	2,874	3,020	2,934	3,026	3,158	3,324	n.a.	1,903	2,032	2,034	2,136	2,214	2,313	n.a.	77
7,419	7,222	7,989	8,541	9,531	10,690	n.a.	11,694	11,913	11,917	12,521	13,571	15,040	n.a.	5,456	5,646	6,120	6,388	7,176	7,866	n.a.	78
360	414	543	534	617	595	n.a.	2,222	1,789	1,545	1,360	1,653	1,744	n.a.	603	543	625	627	737	761	n.a.	79
23,337	24,100	24,878	26,715	27,176	26,778	27,645	56,339	58,100	58,952	60,150	61,017	62,698	65,825	26,592	27,392	27,978	28,873	29,287	30,082	30,703	80
4,307	4,310	4,245	4,282	4,217	4,223	4,389	7,996	8,117	8,095	8,233	8,261	8,373	8,766	6,346	6,424	6,318	6,400	6,500	6,535	6,678	81
734	739	754	752	759	767	778	1,676	1,585	1,405	1,349	1,329	1,343	1,339	950	983	870	815	796	786	793	82
18,296	19,051	19,879	21,681	22,200	21,789	22,478	46,667	48,399	49,453	50,569	51,427	52,981	55,719	19,296	19,986	20,790	21,658	21,991	22,761	23,233	83
5,237	5,401	5,859	7,263	7,457	6,307	n.a.	10,258	10,917	10,841	10,973	10,790	11,015	n.a.	5,763	6,065	6,314	6,356	6,088	6,262	n.a.	84
13,060	13,650	14,020	14,418	14,743	15,482	n.a.	36,409	37,482	38,612	39,595	40,638	41,966	n.a.	13,532	13,921	14,476	15,302	15,903	16,500	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Great Lakes							Illinois						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	929,524	984,893	1,034,159	1,079,799	1,144,594	1,203,240	1,257,829	274,221	288,509	304,767	322,790	341,938	360,317	379,351
2	Population (thousands) [2]	43,083	43,342	43,629	43,888	44,082	44,257	44,442	11,726	11,805	11,885	11,953	12,012	12,070	12,128
3	Per capita personal income (dollars) [3]	21,575	22,724	23,703	24,604	25,965	27,187	28,303	23,386	24,440	25,643	27,005	28,468	29,853	31,278
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	668,357	709,226	743,162	771,735	817,743	865,954	908,613	200,606	210,738	220,715	233,061	247,933	263,398	278,573
5	Less: Personal contributions for social insurance [4]	38,706	41,925	44,362	46,015	48,684	51,094	53,279	11,473	12,281	13,029	13,566	14,445	15,229	15,979
6	Plus: Adjustment for residence [5]	2,291	2,496	2,662	2,924	3,328	3,474	3,704	–396	–449	–548	–652	–703	–953	–1,023
7	Equals: Net earnings by place of residence	631,942	669,797	701,462	728,644	772,387	818,334	859,038	188,736	198,008	207,139	218,843	232,785	247,216	261,571
8	Plus: Dividends, interest, and rent [6]	166,532	180,355	191,054	203,690	218,198	229,543	239,731	50,813	54,744	59,424	63,968	68,011	71,536	74,973
9	Plus: Transfer payments	131,050	134,741	141,643	147,465	154,009	155,362	159,060	34,672	35,758	38,205	39,978	41,142	41,566	42,807
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	523,505	556,671	589,399	619,274	658,843	702,806	739,652	156,233	164,017	173,754	183,076	196,096	210,098	222,453
11	Other labor income	84,581	90,249	89,365	81,505	83,824	85,974	87,996	23,610	24,791	23,695	23,345	23,703	24,469	25,355
12	Proprietors' income [7]	60,271	62,306	64,398	70,956	75,076	77,175	80,966	20,762	21,930	23,267	26,640	28,134	28,832	30,765
13	Farm	2,123	2,720	766	3,593	3,162	1,766	120	931	1,411	39	1,678	1,408	724	26
14	Nonfarm	58,148	59,586	63,632	67,362	71,914	75,409	80,846	19,831	20,519	23,228	24,962	26,726	28,108	30,739
	Earnings by Industry														
15	Farm	3,923	4,466	2,510	5,393	5,076	3,939	2,495	1,284	1,741	364	2,001	1,730	1,115	456
16	Nonfarm	664,434	704,760	740,653	766,341	812,667	862,016	906,118	199,322	208,997	220,352	231,060	246,204	262,283	278,117
17	Private	564,497	601,199	633,715	655,817	698,275	743,965	783,790	170,410	179,033	189,503	198,891	212,862	227,596	241,694
18	Agricultural services, forestry, fishing, and other [8]	3,139	3,110	3,254	3,368	3,705	4,076	4,513	966	950	981	1,018	1,130	1,256	1,381
19	Agricultural services	3,074	3,034	3,189	3,327	3,649	4,011	n.a.	939	921	949	989	1,098	1,221	n.a.
20	Forestry, fishing, and other [8]	65	76	64	41	56	65	n.a.	27	29	32	29	32	34	n.a.
21	Mining	2,359	2,502	2,479	2,444	2,550	2,637	2,553	800	848	762	765	730	719	702
22	Metal mining	98	127	222	144	118	131	n.a.	(D)	(D)	1	1	1	1	n.a.
23	Coal mining	974	1,037	926	892	883	893	n.a.	462	505	444	421	362	346	n.a.
24	Oil and gas extraction	605	616	620	667	777	799	n.a.	(D)	(D)	131	149	173	174	n.a.
25	Nonmetallic minerals, except fuels	682	722	711	741	771	814	n.a.	(D)	(D)	186	195	194	199	n.a.
26	Construction	34,421	37,863	39,300	42,226	45,486	49,038	52,369	10,365	11,266	11,600	12,229	13,024	14,005	15,205
27	Manufacturing	181,671	196,066	204,346	200,593	211,238	220,004	225,598	39,955	42,397	43,497	44,524	47,625	48,996	49,714
28	Durable goods	124,906	136,962	143,770	138,583	146,547	152,312	156,207	23,594	25,403	26,172	26,858	29,037	29,659	30,009
29	Lumber and wood products	3,238	3,643	3,706	3,826	4,005	4,334	n.a.	403	452	429	435	458	469	n.a.
30	Furniture and fixtures	3,521	3,830	3,982	4,056	4,441	4,787	n.a.	537	553	542	533	568	615	n.a.
31	Stone, clay, and glass products	4,270	4,577	4,773	5,018	5,189	5,428	n.a.	832	890	907	980	977	1,029	n.a.
32	Primary metal industries	13,657	14,013	13,810	13,942	14,133	14,546	n.a.	2,342	2,382	2,166	2,212	2,214	2,269	n.a.
33	Fabricated metal products	17,799	19,692	20,563	20,714	21,519	22,291	n.a.	3,894	4,202	4,532	4,568	4,839	5,050	n.a.
34	Industrial machinery and equipment	25,446	27,854	29,451	30,045	32,249	32,716	n.a.	6,551	7,132	7,590	7,990	9,018	8,858	n.a.
35	Electronic and other electric equipment	13,127	14,287	14,162	14,399	15,252	15,714	n.a.	4,376	4,828	5,188	5,368	5,848	6,048	n.a.
36	Motor vehicles and equipment	32,903	37,843	42,011	35,038	37,298	39,384	n.a.	1,866	2,007	1,928	1,782	1,891	1,969	n.a.
37	Other transportation equipment	3,945	3,885	3,963	3,918	4,151	4,483	n.a.	447	485	526	557	598	619	n.a.
38	Instruments and related products	4,766	4,873	4,883	5,099	5,596	5,830	n.a.	1,531	1,566	1,499	1,547	1,669	1,757	n.a.
39	Miscellaneous manufacturing industries	2,233	2,464	2,468	2,528	2,713	2,800	n.a.	814	908	864	887	956	976	n.a.
40	Nondurable goods	56,765	59,105	60,575	62,010	64,691	67,692	69,391	16,361	16,993	17,325	17,666	18,588	19,337	19,706
41	Food and kindred products	10,730	10,982	10,954	11,397	11,795	12,205	n.a.	3,742	3,798	3,809	4,002	4,259	4,465	n.a.
42	Tobacco products	18	16	20	21	21	23	n.a.	15	14	18	19	(D)	(D)	n.a.
43	Textile mill products	403	423	411	393	441	(D)	n.a.	94	102	107	92	(D)	(D)	n.a.
44	Apparel and other textile products	1,597	1,756	1,796	1,838	1,811	1,884	n.a.	334	348	345	337	356	347	n.a.
45	Paper and allied products	6,476	6,746	6,846	7,070	7,383	7,492	n.a.	1,269	1,312	1,386	1,422	1,452	1,493	n.a.
46	Printing and publishing	11,555	11,814	11,962	12,130	12,568	13,135	n.a.	4,146	4,290	4,379	4,384	4,611	4,759	n.a.
47	Chemicals and allied products	14,623	15,069	16,053	16,398	17,099	18,140	n.a.	4,055	4,194	4,364	4,422	4,600	4,749	n.a.
48	Petroleum and coal products	1,463	1,517	1,315	1,307	1,357	1,389	n.a.	564	679	547	547	571	589	n.a.
49	Rubber and miscellaneous plastics products	9,428	10,285	10,701	10,944	11,713	12,514	n.a.	2,046	2,152	2,269	2,340	2,513	2,709	n.a.
50	Leather and leather products	473	496	517	513	502	(D)	n.a.	97	103	101	102	(D)	101	n.a.
51	Transportation and public utilities	40,736	43,238	45,126	47,194	50,131	53,142	53,866	14,777	15,485	16,453	17,497	18,712	19,704	19,956
52	Railroad transportation	2,424	2,433	2,392	2,392	2,369	2,590	n.a.	981	1,004	984	966	954	1,010	n.a.
53	Trucking and warehousing	11,281	12,388	12,901	13,121	14,120	15,084	n.a.	3,070	3,336	3,419	3,568	3,888	4,141	n.a.
54	Water transportation	457	466	450	475	488	(D)	n.a.	142	135	136	147	152	161	n.a.
55	Other transportation	8,653	9,505	9,952	10,545	11,463	(D)	n.a.	4,121	4,502	4,555	4,675	5,063	5,372	n.a.
56	Communications	9,005	9,319	10,024	10,727	11,625	12,107	n.a.	3,637	3,638	4,222	4,668	5,080	5,276	n.a.
57	Electric, gas, and sanitary services	8,916	9,127	9,407	9,933	10,066	10,503	n.a.	2,826	2,870	3,137	3,474	3,576	3,745	n.a.
58	Wholesale trade	42,057	44,627	47,304	48,906	52,160	55,925	59,465	14,728	15,359	16,318	16,412	17,369	18,599	19,975
59	Retail trade	56,829	60,373	63,564	66,062	69,144	72,860	76,246	16,284	17,079	17,926	18,251	19,207	20,183	21,156
60	Finance, insurance, and real estate	45,699	47,308	50,508	53,995	59,577	65,496	70,802	18,898	19,505	20,880	22,052	24,518	27,007	29,813
61	Depository and nondepository institutions	13,633	13,881	14,198	15,472	17,053	19,011	n.a.	5,200	5,308	5,423	5,843	6,420	7,087	n.a.
62	Other finance, insurance, and real estate	32,067	33,427	36,310	38,523	42,524	46,485	n.a.	13,698	14,197	15,457	16,209	18,098	19,920	n.a.
63	Services	157,587	166,112	177,835	191,029	204,284	220,787	238,378	53,637	56,144	61,086	66,142	70,547	77,126	83,791
64	Hotels and other lodging places	2,865	2,924	3,247	3,366	3,493	3,729	n.a.	1,080	1,091	1,211	1,255	1,289	1,384	n.a.
65	Personal services	5,765	5,844	5,995	6,155	6,439	6,788	n.a.	1,668	1,664	1,709	1,757	1,824	1,941	n.a.
66	Private households	1,031	1,062	1,134	1,142	1,140	1,315	n.a.	324	333	355	358	357	413	n.a.
67	Business services	27,952	30,653	34,276	38,132	43,141	49,330	n.a.	10,835	11,817	13,440	15,227	17,169	19,844	n.a.
68	Auto repair, services, and parking	4,878	5,379	5,596	5,949	6,234	6,705	n.a.	1,537	1,656	1,768	1,865	1,916	2,062	n.a.
69	Miscellaneous repair services	2,247	2,257	2,452	2,546	2,546	2,820	n.a.	737	748	813	850	814	942	n.a.
70	Amusement and recreation services	4,195	4,652	5,263	5,653	5,969	6,490	n.a.	1,378	1,606	1,898	2,009	2,036	2,138	n.a.
71	Motion pictures	1,227	1,167	1,182	1,225	1,235	1,316	n.a.	496	461	460	482	484	506	n.a.
72	Health services	56,076	58,425	61,280	65,020	67,869	70,629	n.a.	15,288	15,782	16,538	17,387	17,950	18,858	n.a.
73	Legal services	11,688	11,732	12,069	12,657	13,336	14,077	n.a.	5,342	5,213	5,405	5,722	6,015	6,378	n.a.
74	Educational services	6,072	6,412	6,833	7,240	7,648	8,217	n.a.	2,327	2,457	2,610	2,797	2,949	3,173	n.a.
75	Social services	5,919	6,382	6,941	7,392	7,775	8,368	n.a.	1,719	1,896	2,054	2,187	2,321	2,487	n.a.
76	Museums, botanical, zoological gardens	266	280	297	317	342	368	n.a.	122	127	133	143	154	165	n.a.
77	Membership organizations	6,987	7,404	7,496	7,849	8,171	8,517	n.a.	2,483	2,598	2,644	2,765	2,862	3,017	n.a.
78	Engineering and management services	18,480	19,602	21,732	23,953	26,101	29,231	n.a.	7,590	7,936	9,264	10,419	11,355	12,724	n.a.
79	Miscellaneous services	1,940	1,937	2,042	2,433	2,845	2,889	n.a.	712	759	784	918	1,050	1,093	n.a.
80	Government and government enterprises	99,937	103,561	106,938	110,525	114,392	118,051	122,328	28,911	29,964	30,849	32,169	33,341	34,687	36,423
81	Federal, civilian	16,684	17,136	17,510	17,918	17,990	18,375	19,348	5,497	5,581	5,652	5,856	5,831	5,906	6,146
82	Military	3,771	3,610	3,507	3,681	3,685	3,699	3,762	1,471	1,492	1,561	1,746	1,777	1,835	1,898
83	State and local	79,482	82,815	85,920	88,926	92,718	95,977	99,218	21,944	22,891	23,635	24,568	25,733	26,946	28,379
84	State	21,576	22,625	23,101	23,907	24,683	25,083	n.a.	5,230	5,501	5,636	5,867	6,128	6,350	n.a.
85	Local	57,906	60,191	62,819	65,019	68,035	70,894	n.a.	16,714	17,390	17,999	18,700	19,605	20,596	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Indiana							Michigan							Ohio							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
114,675	121,537	126,525	132,890	140,405	148,651	155,061	203,828	219,121	231,594	238,095	252,266	264,016	274,643	232,463	245,156	255,313	264,162	280,289	292,999	304,847	1
5,702	5,746	5,792	5,835	5,872	5,908	5,943	9,529	9,584	9,660	9,739	9,785	9,820	9,864	11,070	11,111	11,155	11,187	11,212	11,238	11,257	2
20,112	21,153	21,845	22,775	23,909	25,163	26,092	21,390	22,862	23,975	24,447	25,780	26,885	27,844	20,999	22,063	22,887	23,613	24,998	26,073	27,081	3
82,092	87,089	90,449	94,568	99,781	106,049	110,704	147,527	159,335	169,934	172,677	181,910	192,096	200,723	164,589	173,959	180,582	186,222	197,853	208,360	217,522	4
5,064	5,494	5,774	5,967	6,283	6,630	6,893	8,735	9,614	10,226	10,629	11,163	11,675	12,113	8,965	9,711	10,228	10,548	11,151	11,649	12,101	5
1,725	1,870	2,056	2,210	2,465	2,811	2,997	639	697	702	741	798	908	946	–1,261	–1,313	–1,299	–1,301	–1,372	–1,731	–1,812	6
78,752	83,465	86,730	90,810	95,964	102,230	106,807	139,431	150,418	160,410	162,789	171,546	181,330	189,556	154,363	162,935	169,055	174,373	185,330	194,980	203,609	7
19,579	21,125	22,590	23,985	25,704	27,038	28,264	34,288	38,485	39,496	42,298	45,201	47,631	49,687	42,645	45,286	47,440	49,601	53,199	55,822	57,976	8
16,344	16,947	17,204	18,094	18,737	19,383	19,990	30,109	30,217	31,688	33,008	35,519	35,056	35,400	35,455	36,936	38,818	40,187	41,760	42,197	43,261	9
64,563	68,911	72,676	76,073	80,526	86,454	90,744	115,420	124,988	133,113	140,167	148,026	157,419	164,865	129,126	136,971	144,478	151,053	160,375	170,161	178,395	10
10,204	10,754	10,559	10,065	10,357	10,715	10,961	20,797	22,788	23,967	19,186	19,831	20,108	20,275	20,640	21,888	21,260	19,413	20,308	20,798	21,196	11
7,324	7,424	7,214	8,430	8,898	8,881	8,998	11,310	11,559	12,855	13,325	14,054	14,568	15,583	14,823	15,100	14,844	15,756	17,170	17,401	17,931	12
460	386	–1	759	699	234	–157	191	38	272	61	2	–80	–7	466	703	489	772	1,169	663	329	13
6,864	7,038	7,215	7,671	8,199	8,647	9,155	11,119	11,521	12,582	13,264	14,052	14,648	15,590	14,357	14,396	14,355	14,984	16,001	16,738	17,602	14
697	610	220	980	923	507	144	617	463	705	520	514	468	590	761	984	767	1,052	1,453	1,009	712	15
81,395	86,479	90,229	93,588	98,858	105,542	110,560	146,910	158,872	169,230	172,157	181,397	191,628	200,134	163,829	172,974	179,815	185,171	196,399	207,351	216,811	16
69,488	74,280	77,725	80,551	85,597	91,697	96,299	124,676	135,877	145,461	147,698	156,145	166,268	174,183	138,514	146,576	152,437	157,182	167,074	176,976	185,481	17
378	356	379	389	429	466	520	585	631	672	725	804	877	963	743	735	776	786	862	945	1,040	18
374	351	377	389	428	465	n.a.	570	612	659	719	793	864	n.a.	739	729	773	789	861	942	n.a.	19
4	4	2	(L)	1	2	n.a.	15	20	13	6	11	14	n.a.	5	7	3	–3	1	3	n.a.	20
341	366	345	355	406	422	410	436	434	456	447	495	523	487	673	737	800	760	791	829	816	21
(L)	(L)	(L)	(L)	(L)	(L)	n.a.	138	147	145	123	115	120	n.a.	(D)	(D)	72	16	–2	6	n.a.	22
(D)	(D)	199	203	234	247	n.a.	9	10	9	5	5	6	n.a.	(D)	(D)	268	258	278	289	n.a.	23
(D)	(D)	24	29	37	37	n.a.	181	168	191	205	253	264	n.a.	243	262	265	276	300	311	n.a.	24
(D)	(D)	122	124	135	139	n.a.	108	109	111	115	123	134	n.a.	192	206	196	210	216	223	n.a.	25
4,865	5,483	5,697	6,009	6,501	7,030	7,169	6,338	7,120	7,757	8,705	9,543	10,425	11,122	8,434	9,265	9,479	10,126	10,869	11,593	12,358	26
25,640	27,475	28,710	28,630	30,061	31,921	33,194	48,929	54,976	58,562	54,582	57,001	59,880	61,941	46,615	48,934	50,219	49,364	51,501	53,091	54,096	27
18,627	20,372	21,309	20,902	21,933	23,145	24,097	38,162	43,367	46,478	42,272	44,409	46,793	48,656	31,910	33,921	35,090	34,015	35,516	36,347	36,994	28
714	811	852	903	949	1,047	n.a.	556	636	652	645	671	719	n.a.	722	815	853	903	931	1,038	n.a.	29
658	720	752	744	789	853	n.a.	1,413	1,565	1,677	1,750	1,944	2,100	n.a.	476	514	523	528	586	623	n.a.	30
636	675	734	717	749	768	n.a.	761	854	914	1,019	1,043	1,180	n.a.	1,685	1,777	1,826	1,882	1,981	1,979	n.a.	31
3,434	3,509	3,593	3,699	3,819	3,992	n.a.	1,882	1,974	1,978	1,905	1,953	2,008	n.a.	5,160	5,238	5,120	5,178	5,118	5,186	n.a.	32
1,945	2,150	2,225	2,289	2,377	2,479	n.a.	5,001	5,693	5,896	5,923	6,195	6,267	n.a.	4,947	5,436	5,585	5,541	5,534	5,739	n.a.	33
2,824	3,079	3,193	3,149	3,288	3,455	n.a.	5,611	6,224	6,614	6,637	7,050	7,161	n.a.	6,333	6,877	7,326	7,467	7,733	7,941	n.a.	34
3,071	3,379	2,706	2,564	2,515	2,512	n.a.	1,371	1,514	1,524	1,551	1,689	1,789	n.a.	2,916	3,046	3,121	3,213	3,353	3,460	n.a.	35
3,403	3,974	5,103	4,655	5,023	5,403	n.a.	20,042	23,332	25,626	21,173	22,069	23,699	n.a.	6,388	7,079	7,615	6,182	6,965	6,917	n.a.	36
881	975	1,036	1,016	1,066	1,156	n.a.	580	552	527	526	542	596	n.a.	1,761	1,563	1,505	1,450	1,556	1,659	n.a.	37
719	727	732	779	955	1,053	n.a.	664	709	738	804	886	897	n.a.	1,053	1,066	1,090	1,117	1,142	1,169	n.a.	38
342	373	383	386	403	425	n.a.	282	315	331	338	367	378	n.a.	469	512	526	553	616	637	n.a.	39
7,013	7,103	7,401	7,728	8,128	8,776	9,097	10,767	11,608	12,084	12,310	12,591	13,087	13,285	14,705	15,013	15,130	15,349	15,986	16,743	17,102	40
1,033	1,052	1,067	1,132	1,189	1,234	n.a.	1,638	1,711	1,667	1,687	1,682	1,695	n.a.	2,229	2,251	2,228	2,300	2,344	2,415	n.a.	41
1	1	1	1	(D)	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	42
32	37	35	38	(D)	38	n.a.	62	56	37	18	23	22	n.a.	120	128	134	151	174	180	n.a.	43
210	221	210	199	184	194	n.a.	601	722	756	833	795	847	n.a.	300	311	321	308	317	327	n.a.	44
531	553	541	571	583	605	n.a.	922	954	964	995	1,004	1,009	n.a.	1,495	1,580	1,566	1,580	1,645	1,679	n.a.	45
1,251	1,304	1,330	1,358	1,395	1,461	n.a.	1,774	1,801	1,729	1,702	1,735	1,810	n.a.	2,779	2,685	2,708	2,804	2,878	3,015	n.a.	46
2,250	2,058	2,261	2,430	2,638	3,078	n.a.	3,810	4,096	4,526	4,555	4,603	4,769	n.a.	3,914	4,059	4,208	4,263	4,476	4,723	n.a.	47
218	221	207	208	217	235	n.a.	114	117	103	104	115	115	n.a.	547	479	439	428	433	428	n.a.	48
1,448	1,615	1,706	1,752	1,849	1,904	n.a.	1,748	2,039	2,176	2,291	2,492	2,670	n.a.	3,241	3,435	3,434	3,419	3,638	3,919	n.a.	49
38	41	41	39	(D)	(D)	n.a.	97	112	125	125	142	150	n.a.	79	84	90	95	80	56	n.a.	50
5,149	5,467	5,587	5,788	5,989	6,439	6,517	7,206	7,777	8,161	8,499	9,065	9,571	9,660	9,286	9,885	10,147	10,526	11,157	11,847	11,936	51
357	363	350	356	358	398	n.a.	342	330	328	338	320	(D)	n.a.	525	509	499	509	507	(D)	n.a.	52
2,012	2,178	2,262	2,269	2,397	2,545	n.a.	1,709	1,924	2,003	2,021	2,159	2,318	n.a.	2,817	3,083	3,187	3,229	3,464	3,713	n.a.	53
83	80	83	95	100	102	n.a.	55	62	59	64	65	72	n.a.	153	162	144	142	144	153	n.a.	54
718	787	852	931	1,009	1,124	n.a.	1,619	1,790	1,947	2,124	2,328	(D)	n.a.	1,475	1,653	1,782	1,936	2,130	(D)	n.a.	55
874	900	870	887	911	989	n.a.	1,523	1,612	1,628	1,683	1,891	1,921	n.a.	2,213	2,376	2,517	2,679	2,879	2,997	n.a.	56
1,105	1,158	1,170	1,251	1,214	1,280	n.a.	1,957	2,059	2,196	2,269	2,302	2,394	n.a.	2,103	2,103	2,019	2,032	2,033	2,074	n.a.	57
4,469	4,771	5,075	5,299	5,617	6,028	6,437	8,604	9,245	9,871	10,408	11,129	11,930	12,499	9,959	10,716	11,281	11,769	12,651	13,564	14,400	58
7,351	7,885	8,344	8,818	9,198	9,650	10,176	12,007	12,779	13,518	14,192	14,749	15,562	16,217	14,615	15,666	16,524	17,271	18,066	19,086	19,827	59
4,527	4,867	4,984	5,400	5,997	6,600	7,109	7,693	7,935	8,588	9,381	10,083	11,039	11,470	9,854	10,142	10,754	11,567	12,848	14,247	15,361	60
1,510	1,527	1,557	1,685	1,848	2,033	n.a.	2,543	2,580	2,692	2,977	3,186	3,567	n.a.	3,058	3,146	3,204	3,547	3,987	4,607	n.a.	61
3,017	3,339	3,427	3,715	4,149	4,567	n.a.	5,149	5,356	5,896	6,403	6,897	7,473	n.a.	6,796	6,996	7,550	8,021	8,861	9,640	n.a.	62
16,767	17,611	18,605	19,863	21,400	23,140	24,769	32,879	34,979	37,875	40,760	43,277	46,460	49,825	38,334	40,494	42,456	45,012	48,329	51,774	55,647	63
308	321	358	372	392	432	n.a.	511	523	566	589	606	645	n.a.	622	634	718	735	775	804	n.a.	64
749	764	784	801	848	876	n.a.	1,167	1,209	1,238	1,277	1,334	1,417	n.a.	1,514	1,536	1,582	1,621	1,699	1,792	n.a.	65
131	135	145	146	146	169	n.a.	225	232	248	250	250	288	n.a.	245	252	268	270	269	309	n.a.	66
2,564	2,751	2,956	3,225	3,586	4,095	n.a.	6,241	6,879	7,856	8,520	9,570	10,908	n.a.	6,003	6,680	7,311	7,982	9,116	10,277	n.a.	67
607	687	723	766	801	870	n.a.	1,014	1,133	1,160	1,263	1,344	1,399	n.a.	1,206	1,336	1,365	1,437	1,519	1,658	n.a.	68
276	286	310	318	336	368	n.a.	493	495	541	562	580	628	n.a.	518	515	560	580	576	622	n.a.	69
399	434	487	638	812	931	n.a.	824	907	990	1,081	1,126	1,271	n.a.	1,065	1,147	1,312	1,296	1,329	1,450	n.a.	70
108	104	115	115	112	122	n.a.	352	326	309	325	327	347	n.a.	190	192	204	203	206	222	n.a.	71
7,102	7,415	7,746	8,213	8,714	9,093	n.a.	12,039	12,690	13,537	14,454	14,865	15,255	n.a.	15,171	15,779	16,313	17,250	18,187	18,839	n.a.	72
918	923	968	1,009	1,081	1,161	n.a.	2,038	2,072	2,123	2,230	2,325	2,438	n.a.	2,496	2,566	2,597	2,748	2,912	3,060	n.a.	73
745	774	813	834	888	956	n.a.	809	877	955	1,042	1,112	1,200	n.a.	1,499	1,560	1,670	1,745	1,838	1,962	n.a.	74
633	678	731	774	832	912	n.a.	1,311	1,388	1,511	1,597	1,651	1,712	n.a.	1,420	1,526	1,673	1,773	1,898	2,068	n.a.	75
25	26	27	28	30	32	n.a.	25	28	30	32	34	36	n.a.	76	80	87	93	102	111	n.a.	76
819	872	884	933	963	1,009	n.a.	1,385	1,467	1,484	1,565	1,591	1,633	n.a.	1,529	1,612	1,632	1,687	1,753	1,835	n.a.	77
1,173	1,231	1,385	1,510	1,644	1,893	n.a.	3,908	4,266	4,784	5,259	5,725	6,435	n.a.	4,464	4,763	4,785	5,150	5,616	6,252	n.a.	78
209	210	174	181	214	221	n.a.	539	488	542	714	837	848	n.a.	317	317	376	442	534	514	n.a.	79
11,907	12,199	12,504	13,037	13,262	13,845	14,261	22,234	22,994	23,769	24,459	25,251	25,359	25,951	25,315	26,399	27,378	27,989	29,325	30,375	31,330	80
2,353	2,357	2,337	2,316	2,173	2,238	2,366	2,914	3,022	3,078	3,154	3,255	3,375	3,606	4,509	4,712	4,962	5,043	5,156	5,217	5,476	81
492	437	359	338	334	333	337	540	477	402	384	375	361	363	989	928	920	940	917	887	882	82
9,061	9,405	9,809	10,383	10,755	11,274	11,557	18,780	19,495	20,289	20,921	21,622	21,623	21,983	19,817	20,759	21,497	22,006	23,252	24,271	24,971	83
2,753	2,862	2,994	3,159	3,124	3,264	n.a.	5,667	5,912	5,929	6,307	6,476	6,170	n.a.	5,177	5,503	5,588	5,578	5,847	6,094	n.a.	84
6,308	6,544	6,815	7,224	7,631	8,010	n.a.	13,113	13,583	14,360	14,613	15,146	15,453	n.a.	14,640	15,256	15,909	16,428	17,405	18,176	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Wisconsin							Plains						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	104,337	110,570	115,960	121,864	129,697	137,256	143,927	368,899	393,000	410,645	439,948	463,645	488,226	512,961
2	Population (thousands) [2]	5,055	5,096	5,137	5,174	5,200	5,222	5,250	18,093	18,230	18,363	18,484	18,593	18,693	18,800
3	Per capita personal income (dollars) [3]	20,639	21,699	22,573	23,554	24,941	26,284	27,412	20,389	21,558	22,363	23,802	24,936	26,118	27,285
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	73,544	78,106	81,482	85,206	90,265	96,051	101,091	263,503	282,034	292,414	314,677	330,616	350,576	369,944
5	Less: Personal contributions for social insurance [4]	4,469	4,827	5,105	5,304	5,642	5,911	6,193	16,510	17,766	18,754	19,621	20,828	21,947	23,072
6	Plus: Adjustment for residence [5]	1,584	1,691	1,751	1,927	2,140	2,439	2,596	–2,730	–2,889	–3,037	–3,196	–3,591	–3,840	–4,063
7	Equals: Net earnings by place of residence	70,659	74,971	78,127	81,828	86,763	92,579	97,494	244,264	261,378	270,623	291,860	306,197	324,788	342,809
8	Plus: Dividends, interest, and rent [6]	19,207	20,716	22,104	23,838	26,083	27,517	28,831	72,417	77,366	82,657	88,237	95,110	99,351	103,774
9	Plus: Transfer payments	14,471	14,883	15,728	16,198	16,851	17,161	17,601	52,217	54,256	57,364	59,852	62,338	64,087	66,378
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	58,163	61,785	65,379	68,904	73,820	78,674	83,193	203,001	215,249	228,926	243,138	259,992	278,723	295,751
11	Other labor income	9,329	10,028	9,885	9,497	9,626	9,884	10,209	31,145	33,055	32,383	31,748	32,394	33,381	34,584
12	Proprietors' income [7]	6,052	6,293	6,218	6,805	6,819	7,493	7,689	29,357	33,730	31,105	39,792	38,230	38,472	39,609
13	Farm	75	182	–34	324	–118	225	–71	3,750	7,240	3,542	10,453	6,671	5,219	3,723
14	Nonfarm	5,977	6,111	6,252	6,482	6,937	7,268	7,760	25,607	26,490	27,563	29,339	31,559	33,253	35,886
	Earnings by Industry														
15	Farm	565	668	455	841	456	839	594	5,213	8,788	5,113	12,144	8,459	7,272	6,048
16	Nonfarm	72,979	77,438	81,027	84,365	89,809	95,212	100,497	258,290	273,246	287,301	302,533	322,158	343,304	363,896
17	Private	61,409	65,433	68,590	71,495	76,596	81,427	86,133	213,432	226,550	238,939	252,223	270,298	289,566	307,954
18	Agricultural services, forestry, fishing, and other [8]	466	437	445	450	481	531	609	1,924	1,745	1,733	1,707	1,868	(D)	(D)
19	Agricultural services	452	421	432	442	470	519	n.a.	1,908	1,726	1,720	1,701	1,857	(D)	n.a.
20	Forestry, fishing, and other [8]	15	16	13	8	11	12	n.a.	16	19	13	6	11	13	n.a.
21	Mining	108	116	116	116	127	144	138	1,434	1,439	1,514	1,533	1,648	(D)	(D)
22	Metal mining	4	6	5	4	6	4	n.a.	384	403	447	456	450	(D)	n.a.
23	Coal mining	7	6	7	5	5	6	n.a.	188	143	167	141	139	166	n.a.
24	Oil and gas extraction	9	10	8	10	13	14	n.a.	519	506	513	542	643	630	n.a.
25	Nonmetallic minerals, except fuels	88	94	96	97	103	120	n.a.	343	387	386	393	417	462	n.a.
26	Construction	4,420	4,729	4,767	5,158	5,549	5,985	6,515	14,345	16,400	16,955	18,490	19,729	21,436	23,640
27	Manufacturing	20,532	22,285	23,358	23,493	25,051	26,116	26,653	51,689	55,004	56,928	58,077	61,888	64,669	65,631
28	Durable goods	12,613	13,898	14,722	14,536	15,652	16,368	16,452	30,282	32,403	33,608	34,162	36,839	38,849	39,085
29	Lumber and wood products	844	930	920	939	995	1,061	n.a.	1,519	1,731	1,785	1,872	1,994	2,191	n.a.
30	Furniture and fixtures	437	479	487	502	553	597	n.a.	927	1,002	1,038	1,046	1,124	1,202	n.a.
31	Stone, clay, and glass products	356	381	392	419	440	471	n.a.	1,165	1,272	1,346	1,425	1,472	1,569	n.a.
32	Primary metal industries	839	911	952	949	1,029	1,091	n.a.	1,289	1,376	1,433	1,520	1,585	(D)	n.a.
33	Fabricated metal products	2,011	2,211	2,324	2,392	2,575	2,755	n.a.	3,706	3,902	4,060	4,158	4,462	4,668	n.a.
34	Industrial machinery and equipment	4,128	4,542	4,728	4,801	5,159	5,301	n.a.	7,874	8,462	8,734	8,878	9,600	10,194	n.a.
35	Electronic and other electric equipment	1,394	1,519	1,623	1,702	1,848	1,905	n.a.	3,760	4,068	4,070	4,335	4,623	4,892	n.a.
36	Motor vehicles and equipment	1,204	1,451	1,738	1,246	1,349	1,396	n.a.	3,172	3,488	3,785	3,130	3,361	3,420	n.a.
37	Other transportation equipment	276	311	369	368	389	453	n.a.	3,753	3,840	3,896	4,188	4,759	4,990	n.a.
38	Instruments and related products	799	806	824	852	943	954	n.a.	2,362	2,437	2,602	2,766	2,994	(D)	n.a.
39	Miscellaneous manufacturing industries	326	357	364	364	372	384	n.a.	755	824	859	845	863	865	n.a.
40	Nondurable goods	7,919	8,387	8,636	8,957	9,399	9,748	10,201	21,407	22,602	23,320	23,915	25,050	25,820	26,545
41	Food and kindred products	2,088	2,168	2,183	2,275	2,322	2,396	n.a.	7,228	7,656	7,960	8,175	8,519	8,857	n.a.
42	Tobacco products	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	1	1	1	1	1	(D)	n.a.
43	Textile mill products	95	100	97	94	106	102	n.a.	88	95	96	93	93	99	n.a.
44	Apparel and other textile products	152	154	163	161	160	169	n.a.	755	792	777	736	755	716	n.a.
45	Paper and allied products	2,258	2,348	2,388	2,502	2,699	2,705	n.a.	2,761	2,843	2,873	2,997	3,018	(D)	n.a.
46	Printing and publishing	1,604	1,734	1,816	1,882	1,950	2,089	n.a.	4,897	5,201	5,347	5,465	5,720	6,022	n.a.
47	Chemicals and allied products	594	662	694	728	781	821	n.a.	2,877	3,042	3,192	3,308	3,648	3,627	n.a.
48	Petroleum and coal products	20	21	19	20	21	22	n.a.	376	396	364	371	372	374	n.a.
49	Rubber and miscellaneous plastics products	946	1,044	1,116	1,142	1,221	1,313	n.a.	2,103	2,279	2,437	2,525	2,674	2,805	n.a.
50	Leather and leather products	162	155	160	152	140	132	n.a.	321	298	274	244	249	250	n.a.
51	Transportation and public utilities	4,319	4,624	4,777	4,884	5,208	5,580	5,798	19,931	20,961	21,830	22,935	24,922	26,332	27,754
52	Railroad transportation	219	227	231	224	230	240	n.a.	2,132	2,126	2,143	2,240	2,323	2,431	n.a.
53	Trucking and warehousing	1,674	1,867	2,030	2,035	2,212	2,366	n.a.	5,489	5,927	6,189	6,272	6,880	7,460	n.a.
54	Water transportation	24	26	28	28	27	(D)	n.a.	122	141	119	133	138	155	n.a.
55	Other transportation	720	773	816	880	933	(D)	n.a.	3,978	4,149	4,313	4,592	4,964	5,369	n.a.
56	Communications	758	793	787	810	864	924	n.a.	4,515	4,798	5,102	5,484	6,275	6,432	n.a.
57	Electric, gas, and sanitary services	925	937	885	908	941	1,010	n.a.	3,695	3,821	3,964	4,212	4,343	4,484	n.a.
58	Wholesale trade	4,296	4,536	4,759	5,017	5,394	5,805	6,154	18,295	19,358	20,742	22,132	23,433	24,989	26,513
59	Retail trade	6,571	6,965	7,252	7,530	7,924	8,378	8,870	24,781	26,333	27,716	28,874	30,336	32,305	34,357
60	Finance, insurance, and real estate	4,728	4,859	5,302	5,595	6,132	6,602	7,050	18,748	19,493	20,758	22,428	24,314	27,158	29,987
61	Depository and nondepository institutions	1,321	1,319	1,321	1,420	1,612	1,717	n.a.	5,668	5,849	6,032	6,455	7,034	7,963	n.a.
62	Other finance, insurance, and real estate	3,406	3,539	3,980	4,175	4,519	4,885	n.a.	13,081	13,644	14,726	15,973	17,280	19,195	n.a.
63	Services	15,970	16,883	17,813	19,252	20,731	22,287	24,347	62,283	65,816	70,763	76,048	82,159	88,933	96,178
64	Hotels and other lodging places	344	356	394	414	430	464	n.a.	1,469	1,499	1,598	1,690	1,774	1,975	n.a.
65	Personal services	667	671	682	700	733	762	n.a.	2,571	2,672	2,710	2,730	2,880	3,033	n.a.
66	Private households	106	109	117	118	118	136	n.a.	470	486	519	523	523	604	n.a.
67	Business services	2,309	2,527	2,714	3,178	3,700	4,207	n.a.	10,050	11,130	12,568	14,651	16,985	19,096	n.a.
68	Auto repair, services, and parking	515	566	579	618	655	717	n.a.	2,248	2,467	2,482	2,607	2,813	3,129	n.a.
69	Miscellaneous repair services	223	213	228	236	240	259	n.a.	1,018	1,006	1,089	1,114	1,107	1,183	n.a.
70	Amusement and recreation services	530	558	576	629	666	700	n.a.	1,934	2,081	2,537	2,783	2,997	3,204	n.a.
71	Motion pictures	81	84	94	101	105	119	n.a.	545	448	490	446	438	478	n.a.
72	Health services	6,476	6,759	7,146	7,716	8,153	8,584	n.a.	23,169	24,080	25,422	27,242	28,602	30,237	n.a.
73	Legal services	894	959	977	949	1,003	1,041	n.a.	3,914	3,942	3,985	4,209	4,439	4,712	n.a.
74	Educational services	692	744	784	822	861	924	n.a.	2,854	3,062	3,247	3,380	3,539	3,816	n.a.
75	Social services	836	894	971	1,061	1,072	1,189	n.a.	2,643	2,858	3,052	3,234	3,494	3,847	n.a.
76	Museums, botanical, zoological gardens	18	18	19	20	23	24	n.a.	80	84	91	97	105	(D)	n.a.
77	Membership organizations	771	856	853	899	1,002	1,023	n.a.	2,795	3,049	3,092	3,213	3,345	3,525	n.a.
78	Engineering and management services	1,344	1,406	1,514	1,615	1,761	1,926	n.a.	5,569	5,872	6,527	6,927	7,652	8,485	n.a.
79	Miscellaneous services	162	163	166	176	210	212	n.a.	953	1,079	1,355	1,202	1,467	(D)	n.a.
80	Government and government enterprises	11,570	12,005	12,437	12,870	13,213	13,785	14,364	44,858	46,696	48,362	50,310	51,859	53,737	55,942
81	Federal, civilian	1,411	1,464	1,481	1,549	1,575	1,639	1,754	8,855	9,148	9,179	9,484	9,783	9,803	10,280
82	Military	280	275	265	274	282	282	283	3,685	3,593	3,587	3,690	3,648	3,579	3,619
83	State and local	9,880	10,265	10,691	11,048	11,355	11,863	12,327	32,318	33,954	35,596	37,135	38,429	40,355	42,043
84	State	2,749	2,847	2,954	2,995	3,108	3,205	n.a.	10,035	10,526	11,126	11,686	11,823	12,279	n.a.
85	Local	7,131	7,418	7,737	8,053	8,248	8,658	n.a.	22,282	23,429	24,471	25,450	26,606	28,076	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Iowa							Kansas							Minnesota							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
53,391	57,999	60,171	64,696	68,170	70,797	73,821	52,250	54,857	56,627	60,074	63,855	67,383	70,686	99,787	107,152	113,217	122,080	129,080	138,307	146,236	1
2,821	2,829	2,841	2,848	2,854	2,861	2,869	2,548	2,569	2,587	2,598	2,616	2,639	2,654	4,522	4,566	4,605	4,648	4,688	4,726	4,776	2
18,929	20,498	21,181	22,713	23,882	24,745	25,727	20,510	21,352	21,889	23,121	24,406	25,537	26,633	22,068	23,467	24,583	26,267	27,536	29,263	30,622	3
36,683	40,724	41,682	45,155	47,390	49,142	51,179	36,352	38,116	39,310	41,726	44,501	47,412	50,068	73,757	79,052	82,439	89,159	93,862	101,523	107,728	4
2,422	2,608	2,760	2,856	3,017	3,181	3,325	2,211	2,359	2,472	2,585	2,760	2,921	3,060	4,746	5,118	5,413	5,736	6,098	6,504	6,876	5
345	342	385	413	464	485	530	1,010	960	974	1,131	1,060	1,281	1,336	–523	–564	–603	–681	–784	–900	–975	6
34,606	38,458	39,308	42,712	44,837	46,446	48,384	35,151	36,718	37,811	40,273	42,801	45,771	48,344	68,488	73,369	76,423	82,742	86,980	94,119	99,877	7
10,702	11,218	12,111	12,858	13,880	14,609	15,329	9,974	10,663	11,097	11,873	12,715	13,145	13,643	18,559	20,417	22,676	24,689	27,102	28,760	30,376	8
8,084	8,323	8,752	9,127	9,452	9,742	10,107	7,126	7,475	7,718	7,928	8,338	8,467	8,699	12,740	13,365	14,118	14,648	14,998	15,428	15,982	9
28,381	30,220	31,972	33,670	35,787	38,479	40,643	26,994	28,422	30,039	31,895	34,319	36,977	39,107	59,353	62,810	66,962	71,931	77,118	83,751	89,369	10
4,186	4,487	4,359	4,291	4,361	4,571	4,738	4,331	4,639	4,641	4,362	4,476	4,639	4,782	8,366	8,839	8,655	8,713	8,858	9,222	9,593	11
4,117	6,017	5,351	7,193	7,242	6,091	5,798	5,027	5,055	4,630	5,468	5,706	5,796	6,179	6,039	7,403	6,822	8,516	7,887	8,550	8,765	12
238	2,080	1,298	3,020	2,736	1,336	730	1,096	1,088	483	1,145	1,032	865	918	–286	799	234	1,446	274	471	57	13
3,878	3,937	4,053	4,173	4,505	4,755	5,067	3,931	3,967	4,147	4,323	4,674	4,931	5,261	6,325	6,603	6,588	7,070	7,613	8,079	8,708	14
542	2,371	1,589	3,313	3,031	1,694	1,126	1,301	1,329	729	1,423	1,325	1,202	1,311	72	1,163	610	1,852	735	965	603	15
36,141	38,352	40,093	41,842	44,359	47,448	50,053	35,051	36,787	38,581	40,303	43,176	46,210	48,757	73,686	77,889	81,829	87,307	93,128	100,557	107,124	16
29,772	31,720	33,206	34,684	36,961	39,675	41,961	27,944	29,368	30,991	32,591	35,329	38,059	40,255	62,506	66,178	69,704	74,647	80,160	87,040	93,237	17
403	313	293	303	329	359	411	259	232	242	236	261	287	331	384	358	367	377	409	(D)	(D)	18
401	311	292	303	329	358	n.a.	258	231	240	235	260	285	n.a.	375	348	362	374	404	(D)	n.a.	19
2	2	1	(L)	1	1	n.a.	1	1	1	1	1	2	n.a.	9	9	5	3	5	5	n.a.	20
78	78	83	83	90	98	93	418	412	431	443	521	517	470	373	402	421	435	446	(D)	(D)	21
(D)	(D)	(L)	(D)	(L)	(L)	n.a.	(D)	(D)	(L)	(L)	0	(L)	n.a.	280	295	318	331	330	328	n.a.	22
(D)	(D)	(D)	(D)	(D)	7	n.a.	13	(D)	16	15	(D)	18	n.a.	5	7	9	5	5	(D)	n.a.	23
(D)	(D)	(D)	3	(D)	4	n.a.	369	361	377	388	461	452	n.a.	22	23	17	19	26	(D)	n.a.	24
68	72	71	74	80	87	n.a.	(D)	41	38	39	(D)	46	n.a.	65	78	77	79	84	101	n.a.	25
2,081	2,362	2,472	2,705	2,830	3,081	3,227	1,912	2,125	2,179	2,422	2,597	2,782	3,037	4,051	4,365	4,487	4,927	5,341	5,958	6,665	26
8,310	8,954	9,155	9,190	9,803	10,357	10,447	6,513	6,997	7,327	7,515	8,165	8,676	8,974	16,436	17,331	17,889	18,676	19,779	20,818	21,437	27
4,941	5,414	5,576	5,643	6,100	6,446	6,464	4,027	4,349	4,621	4,755	5,270	5,631	5,814	9,643	10,198	10,481	10,857	11,707	12,438	12,788	28
241	272	299	321	(D)	409	n.a.	94	115	117	(D)	(D)	145	n.a.	748	842	842	892	928	1,010	n.a.	29
203	214	211	211	233	261	n.a.	40	45	48	(D)	(D)	50	n.a.	187	203	225	228	242	259	n.a.	30
192	211	219	244	255	268	n.a.	208	231	227	230	231	242	n.a.	299	323	355	365	389	410	n.a.	31
351	379	391	392	419	434	n.a.	101	112	116	126	139	149	n.a.	266	292	311	332	364	385	n.a.	32
572	631	642	646	698	750	n.a.	296	308	301	343	380	412	n.a.	1,291	1,340	1,463	1,475	1,581	1,655	n.a.	33
1,766	1,930	2,019	2,004	2,185	2,201	n.a.	705	791	873	855	913	946	n.a.	3,480	3,566	3,468	3,515	3,793	4,069	n.a.	34
933	991	1,005	1,041	1,099	1,212	n.a.	297	313	311	317	341	366	n.a.	1,117	1,209	1,195	1,330	1,433	1,472	n.a.	35
343	406	433	422	470	504	n.a.	394	557	702	426	442	421	n.a.	279	333	329	290	324	362	n.a.	36
82	110	(D)	(D)	132	142	n.a.	1,732	1,701	1,736	2,093	2,454	2,683	n.a.	225	267	249	262	275	292	n.a.	37
99	95	(D)	(D)	(D)	87	n.a.	114	126	142	148	148	176	n.a.	1,485	1,531	1,728	1,882	2,090	2,245	n.a.	38
160	174	170	170	171	177	n.a.	45	50	47	48	42	39	n.a.	266	293	315	285	289	277	n.a.	39
3,368	3,540	3,579	3,547	3,703	3,911	3,983	2,485	2,647	2,705	2,760	2,895	3,045	3,160	6,793	7,132	7,408	7,819	8,072	8,380	8,649	40
1,575	1,661	1,674	1,652	1,683	1,812	n.a.	847	917	945	979	1,028	1,092	n.a.	1,799	1,882	1,953	2,123	2,152	2,191	n.a.	41
(L)	0	0	0	0	0	n.a.	(L)	0	0	0	0	0	n.a.	(L)	0	0	0	0	0	n.a.	42
15	18	18	15	14	14	n.a.	5	8	8	1	1	6	n.a.	47	47	46	50	52	45	n.a.	43
108	113	113	101	99	107	n.a.	90	97	85	83	84	68	n.a.	76	82	99	99	112	111	n.a.	44
193	205	212	222	230	237	n.a.	155	167	155	162	177	195	n.a.	1,856	1,877	1,902	1,995	1,966	1,983	n.a.	45
640	658	659	635	684	700	n.a.	616	657	679	693	735	757	n.a.	1,738	1,862	1,968	2,055	2,183	2,381	n.a.	46
335	364	343	352	376	395	n.a.	310	307	318	310	341	381	n.a.	528	557	570	592	648	684	n.a.	47
8	8	7	9	10	13	n.a.	129	131	120	119	115	116	n.a.	147	154	138	140	141	137	n.a.	48
473	488	526	534	581	608	n.a.	328	359	391	408	407	425	n.a.	533	597	661	695	742	769	n.a.	49
21	26	27	27	24	25	n.a.	4	4	4	5	5	5	n.a.	68	74	70	72	76	78	n.a.	50
2,283	2,454	2,535	2,588	2,790	3,059	3,215	2,887	3,060	3,134	3,284	3,576	3,791	4,160	4,838	5,058	5,301	5,565	6,078	6,538	6,765	51
202	204	209	216	237	246	n.a.	427	422	401	420	433	454	n.a.	346	341	332	338	327	(D)	n.a.	52
854	952	1,018	1,047	1,149	1,255	n.a.	713	755	772	790	861	927	n.a.	1,035	1,131	1,223	1,241	1,374	1,482	n.a.	53
14	14	15	19	19	28	n.a.	1	1	1	1	1	2	n.a.	36	40	37	44	44	49	n.a.	54
235	254	265	279	292	312	n.a.	438	450	408	434	452	490	n.a.	1,684	1,719	1,874	1,991	2,269	(D)	n.a.	55
455	491	496	512	580	656	n.a.	709	820	938	1,011	1,194	1,298	n.a.	844	899	946	1,028	1,112	1,176	n.a.	56
523	539	533	515	515	561	n.a.	598	612	615	628	636	621	n.a.	893	928	889	923	952	993	n.a.	57
2,535	2,658	2,838	2,976	3,239	3,440	3,674	2,452	2,569	2,837	3,052	3,247	3,488	3,657	5,416	5,901	6,341	6,989	7,347	7,875	8,410	58
3,595	3,825	3,977	4,106	4,269	4,536	4,745	3,443	3,609	3,792	3,987	4,269	4,546	4,770	6,734	7,156	7,519	7,815	8,258	9,066	9,818	59
2,589	2,760	2,935	3,118	3,406	3,801	4,161	2,171	2,189	2,303	2,424	2,645	2,895	3,143	6,019	6,236	6,624	7,288	7,881	8,992	9,750	60
825	879	877	939	1,029	1,138	n.a.	662	671	676	706	783	865	n.a.	1,594	1,596	1,645	1,804	1,897	2,279	n.a.	61
1,763	1,881	2,058	2,179	2,377	2,663	n.a.	1,509	1,518	1,626	1,717	1,863	2,030	n.a.	4,425	4,640	4,978	5,484	5,984	6,713	n.a.	62
7,898	8,317	8,918	9,616	10,204	10,945	11,986	7,889	8,176	8,746	9,228	10,047	11,076	11,714	18,254	19,372	20,754	22,575	24,622	26,874	29,464	63
169	168	183	191	195	218	n.a.	139	140	159	169	180	227	n.a.	423	433	462	479	486	516	n.a.	64
369	369	367	374	393	411	n.a.	365	366	367	369	392	413	n.a.	664	728	755	765	818	865	n.a.	65
78	81	86	86	86	99	n.a.	65	67	72	72	72	84	n.a.	106	109	117	118	119	137	n.a.	66
1,125	1,288	1,426	1,620	1,823	2,008	n.a.	1,332	1,413	1,553	1,700	2,012	2,312	n.a.	3,322	3,755	4,247	5,031	5,935	6,791	n.a.	67
312	337	343	355	370	415	n.a.	304	304	309	315	339	381	n.a.	593	642	659	704	764	853	n.a.	68
168	167	175	182	173	194	n.a.	204	180	202	203	205	220	n.a.	228	220	256	264	261	274	n.a.	69
185	223	340	411	427	455	n.a.	139	146	157	160	186	219	n.a.	740	752	794	835	865	947	n.a.	70
58	50	53	52	49	53	n.a.	48	39	47	42	43	47	n.a.	147	145	165	162	162	172	n.a.	71
3,149	3,259	3,459	3,718	3,874	4,084	n.a.	2,969	3,099	3,276	3,488	3,658	3,882	n.a.	6,311	6,491	6,874	7,434	7,893	8,409	n.a.	72
441	437	427	457	485	502	n.a.	382	381	403	389	407	433	n.a.	1,312	1,316	1,293	1,388	1,460	1,532	n.a.	73
430	445	460	484	502	523	n.a.	205	230	254	268	281	308	n.a.	704	754	802	830	877	950	n.a.	74
380	422	460	487	527	566	n.a.	284	301	333	357	405	473	n.a.	991	1,055	1,111	1,158	1,232	1,349	n.a.	75
6	6	6	7	7	8	n.a.	4	4	4	5	5	5	n.a.	36	38	41	44	47	52	n.a.	76
346	368	376	393	404	423	n.a.	345	374	385	394	412	434	n.a.	780	889	894	945	988	1,042	n.a.	77
553	575	637	681	739	838	n.a.	966	995	1,098	1,160	1,282	1,466	n.a.	1,649	1,743	1,990	2,135	2,371	2,626	n.a.	78
128	123	120	120	150	148	n.a.	138	135	127	139	168	171	n.a.	247	302	295	283	345	359	n.a.	79
6,369	6,632	6,887	7,158	7,397	7,773	8,092	7,108	7,419	7,589	7,711	7,847	8,151	8,502	11,180	11,711	12,125	12,660	12,968	13,518	13,888	80
964	1,004	1,016	1,054	1,062	1,082	1,145	1,279	1,330	1,373	1,394	1,450	1,493	1,540	1,734	1,809	1,818	1,910	1,947	1,982	2,097	81
173	175	174	186	190	197	200	1,148	1,173	1,081	993	981	987	989	272	280	273	290	289	292	295	82
5,232	5,453	5,697	5,918	6,145	6,494	6,748	4,681	4,916	5,136	5,324	5,416	5,670	5,974	9,174	9,622	10,034	10,461	10,732	11,244	11,496	83
1,807	1,893	1,984	2,063	2,113	2,235	n.a.	1,440	1,503	1,581	1,627	1,590	1,617	n.a.	2,595	2,696	2,913	3,138	3,092	3,159	n.a.	84
3,425	3,560	3,713	3,855	4,032	4,259	n.a.	3,241	3,413	3,555	3,697	3,826	4,053	n.a.	6,580	6,927	7,121	7,323	7,640	8,085	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Missouri							Nebraska						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	106,298	112,314	117,640	123,992	131,762	136,754	143,199	32,513	34,325	36,293	39,618	41,019	43,053	45,710
2	Population (thousands) [2]	5,238	5,281	5,325	5,368	5,407	5,438	5,468	1,612	1,622	1,635	1,648	1,656	1,661	1,666
3	Per capita personal income (dollars) [3]	20,295	21,267	22,094	23,099	24,368	25,150	26,187	20,167	21,168	22,196	24,045	24,769	25,924	27,437
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	75,875	80,497	84,421	89,105	94,882	99,230	104,630	23,644	25,035	26,163	28,900	29,701	31,163	33,287
5	Less: Personal contributions for social insurance [4]	4,555	4,915	5,236	5,445	5,780	6,023	6,302	1,472	1,580	1,646	1,726	1,835	1,920	2,029
6	Plus: Adjustment for residence [5]	–2,781	–2,795	–2,893	–3,070	–3,261	–3,586	–3,753	–444	–457	–484	–518	–571	–597	–644
7	Equals: Net earnings by place of residence	68,539	72,787	76,292	80,590	85,841	89,621	94,575	21,728	22,998	24,033	26,657	27,295	28,647	30,614
8	Plus: Dividends, interest, and rent [6]	21,593	22,828	23,471	24,671	26,184	26,900	27,678	6,535	6,917	7,576	7,988	8,535	8,912	9,332
9	Plus: Transfer payments	16,166	16,699	17,877	18,730	19,737	20,233	20,946	4,249	4,411	4,684	4,973	5,189	5,495	5,765
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	58,951	62,611	66,708	70,371	75,228	79,619	84,051	17,278	18,375	19,607	20,868	22,316	23,724	25,309
11	Other labor income	9,734	10,311	9,996	9,544	9,801	9,944	10,267	2,611	2,754	2,723	2,775	2,812	2,871	2,982
12	Proprietors' income [7]	7,190	7,576	7,718	9,189	9,853	9,667	10,312	3,756	3,905	3,832	5,257	4,573	4,568	4,996
13	Farm	154	354	–52	703	766	145	–80	1,468	1,414	1,021	2,244	1,323	1,151	1,265
14	Nonfarm	7,037	7,222	7,770	8,487	9,087	9,522	10,392	2,288	2,491	2,812	3,013	3,250	3,417	3,731
	Earnings by Industry														
15	Farm	373	568	165	926	995	425	234	1,681	1,662	1,270	2,521	1,611	1,482	1,647
16	Nonfarm	75,502	79,929	84,256	88,179	93,887	98,806	104,396	21,963	23,373	24,893	26,379	28,091	29,681	31,640
17	Private	63,588	67,463	71,258	74,414	79,448	83,952	88,648	17,430	18,717	20,057	21,342	22,927	24,383	26,220
18	Agricultural services, forestry, fishing, and other [8]	418	393	397	408	451	497	560	264	262	238	210	229	253	288
19	Agricultural services	416	390	395	408	450	496	n.a.	264	261	237	209	228	252	n.a.
20	Forestry, fishing, and other [8]	2	4	2	(L)	1	1	n.a.	1	1	1	1	1	1	n.a.
21	Mining	226	212	233	226	229	265	282	61	64	65	60	65	70	70
22	Metal mining	34	40	(D)	54	56	(D)	n.a.	1	1	(D)	(D)	(D)	(D)	n.a.
23	Coal mining	81	48	(D)	41	(D)	59	n.a.	(D)	9	9	(D)	(D)	(D)	n.a.
24	Oil and gas extraction	10	10	12	14	(D)	(D)	n.a.	16	17	(D)	18	22	22	n.a.
25	Nonmetallic minerals, except fuels	102	114	116	116	118	128	n.a.	(D)	36	36	35	36	40	n.a.
26	Construction	4,177	5,072	5,291	5,566	5,990	6,365	7,134	1,167	1,400	1,437	1,647	1,683	1,861	2,045
27	Manufacturing	15,638	16,356	16,910	16,737	17,752	18,045	17,830	3,203	3,550	3,690	3,853	4,091	4,260	4,330
28	Durable goods	9,074	9,507	9,806	9,574	10,135	10,423	10,093	1,601	1,777	1,844	1,913	2,068	2,154	2,126
29	Lumber and wood products	305	350	355	352	372	403	n.a.	48	60	(D)	(D)	69	75	n.a.
30	Furniture and fixtures	370	407	423	429	451	483	n.a.	99	103	99	103	114	109	n.a.
31	Stone, clay, and glass products	343	368	402	419	427	464	n.a.	77	86	89	93	99	108	n.a.
32	Primary metal industries	470	484	491	509	509	548	n.a.	81	86	91	105	101	99	n.a.
33	Fabricated metal products	1,249	1,294	1,307	1,323	1,404	1,426	n.a.	224	245	259	273	290	305	n.a.
34	Industrial machinery and equipment	1,144	1,257	1,350	1,388	1,457	1,593	n.a.	410	454	471	486	539	544	n.a.
35	Electronic and other electric equipment	980	1,062	1,056	1,136	1,195	1,248	n.a.	304	355	368	370	404	442	n.a.
36	Motor vehicles and equipment	1,965	1,987	2,109	1,779	1,883	1,872	n.a.	113	114	118	121	139	145	n.a.
37	Other transportation equipment	1,614	1,642	1,673	1,592	1,774	1,730	n.a.	75	94	(D)	(D)	96	105	n.a.
38	Instruments and related products	443	450	417	419	423	411	n.a.	146	157	171	173	180	183	n.a.
39	Miscellaneous manufacturing industries	192	207	223	227	240	246	n.a.	23	24	24	34	37	38	n.a.
40	Nondurable goods	6,564	6,849	7,104	7,164	7,618	7,622	7,736	1,602	1,773	1,846	1,940	2,023	2,106	2,204
41	Food and kindred products	1,771	1,811	1,938	1,873	2,016	2,080	n.a.	899	1,015	1,063	1,159	1,219	1,258	n.a.
42	Tobacco products	(D)	(L)	(L)	1	1	(D)	n.a.	(D)	0	0	0	(L)	(D)	n.a.
43	Textile mill products	(D)	14	14	19	15	(D)	n.a.	(D)	5	7	7	10	11	n.a.
44	Apparel and other textile products	406	421	415	388	391	365	n.a.	(D)	37	33	33	33	32	n.a.
45	Paper and allied products	476	507	511	522	537	540	n.a.	66	69	71	71	78	81	n.a.
46	Printing and publishing	1,515	1,605	1,614	1,645	1,677	1,715	n.a.	268	285	288	296	295	317	n.a.
47	Chemicals and allied products	1,573	1,672	1,805	1,907	2,132	2,006	n.a.	118	126	138	130	134	142	n.a.
48	Petroleum and coal products	71	80	77	84	86	91	n.a.	5	5	4	5	3	(D)	n.a.
49	Rubber and miscellaneous plastics products	524	561	571	599	640	683	n.a.	192	218	227	225	232	245	n.a.
50	Leather and leather products	214	179	158	126	124	121	n.a.	14	13	13	14	19	(D)	n.a.
51	Transportation and public utilities	6,475	6,753	6,931	7,318	7,827	8,210	8,641	2,094	2,213	2,486	2,701	3,102	3,119	3,318
52	Railroad transportation	439	438	437	463	478	(D)	n.a.	565	573	616	647	692	(D)	n.a.
53	Trucking and warehousing	1,763	1,862	1,903	1,907	2,060	2,244	n.a.	684	744	780	801	923	1,020	n.a.
54	Water transportation	69	84	64	67	71	73	n.a.	1	1	1	1	1	(D)	n.a.
55	Other transportation	1,258	1,320	1,352	1,462	1,509	(D)	n.a.	209	234	237	242	251	271	n.a.
56	Communications	1,872	1,950	2,059	2,229	2,488	2,543	n.a.	399	400	410	415	591	428	n.a.
57	Electric, gas, and sanitary services	1,074	1,100	1,117	1,190	1,223	1,251	n.a.	237	260	441	593	644	672	n.a.
58	Wholesale trade	5,102	5,366	5,719	5,956	6,265	6,646	7,000	1,616	1,609	1,698	1,773	1,888	2,013	2,144
59	Retail trade	7,153	7,637	8,145	8,525	8,902	9,328	9,918	2,081	2,234	2,363	2,460	2,557	2,675	2,845
60	Finance, insurance, and real estate	5,329	5,561	5,948	6,485	7,056	7,800	8,738	1,699	1,760	1,887	1,963	2,066	2,272	2,583
61	Depository and nondepository institutions	1,667	1,740	1,782	1,927	2,168	2,383	n.a.	483	505	567	557	576	637	n.a.
62	Other finance, insurance, and real estate	3,662	3,821	4,166	4,558	4,888	5,416	n.a.	1,215	1,255	1,321	1,406	1,489	1,635	n.a.
63	Services	19,071	20,113	21,683	23,193	24,976	26,797	28,545	5,244	5,625	6,193	6,676	7,246	7,860	8,596
64	Hotels and other lodging places	500	530	543	582	612	693	n.a.	90	84	88	92	124	133	n.a.
65	Personal services	774	791	820	822	854	905	n.a.	220	230	223	225	238	248	n.a.
66	Private households	144	149	159	160	161	186	n.a.	45	46	49	50	50	58	n.a.
67	Business services	2,800	2,982	3,483	4,144	4,728	5,246	n.a.	1,107	1,260	1,410	1,650	1,877	2,049	n.a.
68	Auto repair, services, and parking	703	800	794	839	917	1,014	n.a.	192	220	218	227	241	269	n.a.
69	Miscellaneous repair services	265	269	287	292	290	307	n.a.	86	95	94	94	95	97	n.a.
70	Amusement and recreation services	613	670	927	1,050	1,190	1,237	n.a.	138	144	157	159	157	165	n.a.
71	Motion pictures	250	173	178	147	142	163	n.a.	21	20	22	22	22	24	n.a.
72	Health services	7,076	7,350	7,722	8,175	8,546	8,937	n.a.	1,836	1,944	2,016	2,175	2,283	2,481	n.a.
73	Legal services	1,319	1,335	1,378	1,472	1,557	1,691	n.a.	291	301	303	324	343	359	n.a.
74	Educational services	1,154	1,247	1,329	1,362	1,422	1,552	n.a.	228	242	254	283	295	307	n.a.
75	Social services	593	665	698	744	804	876	n.a.	194	194	209	230	249	281	n.a.
76	Museums, botanical, zoological gardens	23	24	26	27	29	32	n.a.	8	8	9	10	11	13	n.a.
77	Membership organizations	890	953	966	990	1,030	1,079	n.a.	210	229	236	246	251	265	n.a.
78	Engineering and management services	1,702	1,826	1,973	2,086	2,332	2,511	n.a.	469	506	578	603	659	754	n.a.
79	Miscellaneous services	264	349	398	299	362	368	n.a.	109	101	327	288	351	358	n.a.
80	Government and government enterprises	11,914	12,466	12,999	13,765	14,439	14,853	15,749	4,533	4,656	4,836	5,037	5,164	5,299	5,420
81	Federal, civilian	3,201	3,300	3,274	3,364	3,502	3,375	3,512	768	772	756	814	844	876	933
82	Military	815	785	815	927	938	887	952	549	511	533	573	569	560	542
83	State and local	7,898	8,381	8,909	9,474	9,999	10,591	11,285	3,216	3,374	3,548	3,650	3,750	3,863	3,945
84	State	2,368	2,520	2,663	2,848	2,985	3,166	n.a.	958	1,014	1,065	1,098	1,114	1,132	n.a.
85	Local	5,530	5,860	6,246	6,626	7,014	7,425	n.a.	2,259	2,359	2,483	2,552	2,636	2,732	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

North Dakota							South Dakota							Southeast							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	**1993 r**	**1994 r**	**1995 r**	**1996 r**	**1997 r**	**1998 r**	**1999 p**	
11,362	12,177	12,243	13,607	13,380	14,600	14,903	13,297	14,177	14,454	15,883	16,379	17,331	18,406	1,218,508	1,289,941	1,366,116	1,445,912	1,533,940	1,621,530	1,712,690	1
637	640	642	643	641	638	634	716	723	728	731	731	731	733	61,886	62,730	63,539	64,329	65,150	65,901	66,622	2
17,830	19,033	19,084	21,166	20,876	22,892	23,518	18,565	19,607	19,848	21,736	22,410	23,715	25,107	19,690	20,563	21,500	22,477	23,545	24,605	25,708	3
7,913	8,638	8,497	9,640	9,143	10,196	10,298	9,279	9,972	9,902	10,993	11,136	11,910	12,755	844,983	893,298	940,896	992,020	1,056,680	1,128,310	1,200,861	4
539	574	588	613	642	667	697	564	612	638	661	696	731	782	50,584	54,626	58,170	60,767	64,662	68,486	72,414	5
–241	–255	–274	–301	–324	–323	–337	–96	–120	–143	–171	–175	–201	–222	7,393	7,469	7,715	7,494	8,202	8,282	8,728	6
7,133	7,809	7,635	8,726	8,177	9,207	9,264	8,619	9,240	9,121	10,160	10,266	10,978	11,751	801,792	846,141	890,441	938,747	1,000,220	1,068,106	1,137,175	7
2,300	2,401	2,563	2,727	2,948	3,101	3,280	2,755	2,921	3,162	3,430	3,745	3,923	4,135	230,336	246,622	264,061	283,021	299,131	312,943	325,529	8
1,928	1,967	2,045	2,154	2,255	2,293	2,358	1,924	2,016	2,171	2,292	2,368	2,430	2,520	186,380	197,178	211,614	224,144	234,589	240,481	249,986	9
5,821	6,148	6,534	6,925	7,306	7,709	8,122	6,223	6,663	7,103	7,478	7,918	8,463	9,150	652,208	691,226	734,651	777,754	832,702	896,249	956,383	10
888	929	925	968	982	998	1,026	1,030	1,095	1,084	1,094	1,104	1,136	1,196	105,172	111,889	110,503	111,697	114,681	118,304	122,767	11
1,203	1,561	1,038	1,747	855	1,489	1,150	2,025	2,214	1,715	2,421	2,114	2,311	2,410	87,603	90,183	95,743	102,568	109,297	113,757	121,712	12
316	613	127	790	–159	429	8	765	891	431	1,105	699	821	824	9,511	10,728	9,220	10,565	10,263	8,967	8,537	13
888	948	910	957	1,014	1,059	1,142	1,261	1,323	1,284	1,315	1,415	1,490	1,586	78,091	79,455	86,523	92,004	99,034	104,790	113,175	14
400	712	227	902	–42	564	164	845	983	523	1,207	804	941	963	12,248	13,347	11,913	13,276	13,145	12,074	11,900	15
7,513	7,926	8,270	8,738	9,185	9,633	10,133	8,434	8,989	9,379	9,786	10,332	10,968	11,793	832,735	879,951	928,983	978,743	1,043,535	1,116,236	1,188,961	16
5,626	6,021	6,280	6,684	7,094	7,511	7,938	6,566	7,083	7,443	7,860	8,380	8,946	9,697	661,244	701,632	745,884	788,632	846,154	910,337	974,278	17
73	65	64	61	64	70	80	123	121	131	113	124	134	149	5,771	5,713	5,967	6,245	6,892	7,619	8,473	18
72	64	64	60	63	(D)	n.a.	122	120	130	111	123	(D)	n.a.	5,213	5,137	5,465	5,851	6,406	7,067	n.a.	19
1	1	1	1	1	(D)	n.a.	1	1	1	1	2	(D)	n.a.	558	577	502	394	487	552	n.a.	20
176	169	173	182	197	194	173	102	103	108	104	102	83	59	7,982	8,314	8,351	8,540	9,228	9,577	8,736	21
(L)	(L)	(L)	(L)	(D)	(L)	n.a.	70	68	73	69	62	44	n.a.	83	87	99	97	93	110	n.a.	22
67	65	73	69	68	70	n.a.	(D)	(D)	(L)	(L)	(L)	(D)	n.a.	3,504	3,655	3,587	3,411	3,380	3,317	n.a.	23
93	85	81	94	104	95	n.a.	(D)	(D)	6	6	8	(D)	n.a.	3,095	3,194	3,211	3,507	4,157	(D)	n.a.	24
16	19	20	20	(D)	29	n.a.	24	27	29	29	32	31	n.a.	1,301	1,378	1,455	1,525	1,599	(D)	n.a.	25
448	499	528	611	630	680	771	509	577	562	612	659	709	761	47,541	51,595	54,838	59,716	64,290	69,761	74,361	26
546	618	650	687	755	818	848	1,044	1,200	1,308	1,419	1,543	1,695	1,764	151,810	160,124	164,699	165,969	173,546	180,667	184,696	27
308	362	390	421	468	512	537	686	795	890	1,000	1,091	1,246	1,263	76,103	81,737	85,301	86,437	91,529	96,979	99,848	28
11	14	(D)	31	36	43	n.a.	72	79	84	88	94	105	n.a.	7,514	8,250	8,740	9,119	9,647	10,315	n.a.	29
20	20	(D)	(D)	(D)	18	n.a.	8	10	(D)	(D)	(D)	22	n.a.	5,129	5,441	5,399	5,396	5,695	6,065	n.a.	30
19	21	23	28	25	28	n.a.	27	32	32	46	45	49	n.a.	4,543	4,881	5,122	5,398	5,622	5,933	n.a.	31
(L)	(L)	(D)	(D)	(D)	(D)	n.a.	20	23	(D)	(D)	(D)	50	n.a.	6,013	6,262	6,318	6,618	6,867	7,124	n.a.	32
30	34	34	38	40	44	n.a.	44	50	53	60	68	75	n.a.	8,266	8,784	9,113	9,340	9,834	10,439	n.a.	33
123	154	168	180	213	228	n.a.	245	310	384	450	501	612	n.a.	12,666	13,662	14,306	14,653	15,574	16,579	n.a.	34
44	47	41	40	41	39	n.a.	85	92	95	101	111	112	n.a.	12,494	13,353	13,804	13,946	14,738	15,064	n.a.	35
30	39	46	45	50	57	n.a.	49	53	47	47	53	59	n.a.	6,835	8,077	9,200	8,178	9,079	(D)	n.a.	36
19	19	20	20	23	30	n.a.	6	7	6	6	6	7	n.a.	7,427	7,510	7,619	7,684	8,070	(D)	n.a.	37
2	2	(D)	(D)	(D)	(D)	n.a.	73	76	74	73	76	78	n.a.	3,551	3,710	3,789	4,132	4,354	4,742	n.a.	38
11	12	11	11	11	11	n.a.	58	63	69	69	72	77	n.a.	1,665	1,807	1,891	1,973	2,049	2,138	n.a.	39
238	256	260	266	287	307	311	358	404	418	420	452	449	502	75,707	78,388	79,398	79,532	82,017	83,688	84,847	40
128	130	140	147	162	175	n.a.	208	240	247	240	258	248	n.a.	11,421	11,924	11,991	12,369	12,898	13,671	n.a.	41
(L)	(L)	(L)	(L)	(L)	(L)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	2,296	2,193	2,397	2,382	2,415	2,370	n.a.	42
(D)	3	(D)	(D)	(L)	(D)	n.a.	(L)	1	(D)	(D)	1	(D)	n.a.	13,464	13,789	13,611	13,287	13,746	13,603	n.a.	43
14	16	5	4	6	5	n.a.	(D)	27	27	28	31	28	n.a.	7,101	7,206	6,855	6,194	5,957	5,646	n.a.	44
(D)	(D)	(D)	(D)	2	(D)	n.a.	(D)	(D)	(D)	(D)	27	29	n.a.	8,486	8,707	8,869	9,074	9,505	9,619	n.a.	45
55	60	64	64	67	70	n.a.	66	73	75	76	79	82	n.a.	9,018	9,685	10,047	10,366	10,820	11,351	n.a.	46
7	11	12	11	10	10	n.a.	6	5	6	5	7	9	n.a.	14,797	15,235	15,905	16,021	16,434	16,820	n.a.	47
16	18	17	15	16	(D)	n.a.	(L)	0	0	0	0	(D)	n.a.	1,576	1,656	1,453	1,416	1,493	1,537	n.a.	48
14	16	17	20	23	23	n.a.	39	42	43	45	49	51	n.a.	7,098	7,568	7,871	8,062	8,416	8,766	n.a.	49
(L)	(D)	1	1	1	(D)	n.a.	1	(D)	1	1	1	1	n.a.	449	425	398	359	331	306	n.a.	50
734	773	781	789	816	854	848	620	649	661	690	732	761	807	59,387	63,210	65,863	69,328	73,821	79,042	83,575	51
115	109	109	114	114	119	n.a.	38	38	39	42	43	45	n.a.	2,928	2,959	2,909	2,992	2,990	3,135	n.a.	52
187	209	216	215	228	235	n.a.	253	274	278	271	286	295	n.a.	13,941	15,199	15,780	16,247	17,676	19,094	n.a.	53
(L)	(L)	(L)	(L)	(L)	1	n.a.	(L)	(L)	(L)	1	1	(D)	n.a.	2,141	2,273	2,293	2,442	2,710	2,980	n.a.	54
76	86	89	94	100	104	n.a.	79	86	89	91	92	(D)	n.a.	13,236	14,355	15,421	16,554	17,789	19,409	n.a.	55
111	117	121	124	127	137	n.a.	126	121	132	164	184	194	n.a.	15,665	16,620	17,636	19,067	20,479	21,938	n.a.	56
245	253	246	241	247	258	n.a.	124	130	122	121	127	129	n.a.	11,476	11,803	11,824	12,026	12,177	12,486	n.a.	57
629	675	692	734	769	809	847	545	581	618	651	679	717	782	49,221	52,400	56,046	59,513	63,880	69,151	75,201	58
789	836	861	897	940	969	996	986	1,037	1,058	1,085	1,140	1,185	1,265	81,765	87,048	92,321	97,502	103,332	109,593	116,813	59
405	428	452	482	519	570	632	537	558	609	669	741	828	979	52,649	54,192	59,242	65,006	72,900	81,618	88,892	60
171	179	184	193	208	232	n.a.	266	278	301	329	373	428	n.a.	17,109	17,874	18,543	20,138	22,728	25,799	n.a.	61
234	249	268	289	310	337	n.a.	271	280	309	340	368	400	n.a.	35,540	36,318	40,698	44,869	50,172	55,819	n.a.	62
1,826	1,957	2,080	2,242	2,405	2,547	2,742	2,101	2,256	2,388	2,518	2,659	2,834	3,131	205,120	219,036	238,557	256,812	278,266	303,310	333,531	63
52	55	61	68	72	75	n.a.	97	90	102	108	105	113	n.a.	6,994	7,314	8,106	8,741	9,241	10,117	n.a.	64
90	94	90	90	95	98	n.a.	89	93	88	86	90	92	n.a.	7,813	7,976	8,299	8,497	9,077	9,576	n.a.	65
16	16	18	18	17	20	n.a.	16	17	18	18	18	21	n.a.	2,454	2,553	2,746	2,786	2,808	3,268	n.a.	66
172	202	217	251	309	348	n.a.	191	231	231	256	302	340	n.a.	35,436	38,995	44,659	49,765	58,146	68,121	n.a.	67
67	77	76	81	87	93	n.a.	76	87	82	87	94	103	n.a.	6,361	6,938	7,255	7,670	8,164	8,955	n.a.	68
29	32	34	34	37	43	n.a.	37	41	42	45	45	48	n.a.	3,306	3,288	3,679	3,803	3,850	4,228	n.a.	69
28	51	52	58	66	70	n.a.	91	96	111	110	107	112	n.a.	6,682	7,584	8,729	9,377	9,965	10,969	n.a.	70
8	9	9	9	8	9	n.a.	12	11	14	12	11	12	n.a.	1,371	1,413	1,590	1,712	1,765	1,938	n.a.	71
904	938	1,019	1,105	1,154	1,191	n.a.	924	1,000	1,058	1,146	1,196	1,252	n.a.	71,630	76,081	81,352	87,312	91,502	94,633	n.a.	72
73	76	76	81	81	85	n.a.	96	96	104	99	105	110	n.a.	14,292	14,581	15,129	16,148	17,339	18,875	n.a.	73
48	51	52	50	54	58	n.a.	86	93	97	103	109	118	n.a.	6,597	7,226	7,749	8,160	8,717	9,434	n.a.	74
96	105	114	118	126	138	n.a.	105	115	126	140	151	163	n.a.	5,910	6,492	7,051	7,521	8,158	8,962	n.a.	75
2	2	2	2	2	(D)	n.a.	2	2	2	2	4	4	n.a.	230	251	268	281	298	323	n.a.	76
99	104	103	105	112	121	n.a.	126	133	132	140	148	160	n.a.	8,697	9,379	9,673	10,272	10,657	11,146	n.a.	77
110	113	126	135	142	153	n.a.	118	114	125	127	128	138	n.a.	25,122	26,378	29,340	31,507	34,650	38,748	n.a.	78
31	33	32	35	43	(D)	n.a.	36	36	56	39	48	48	n.a.	2,223	2,588	2,934	3,259	3,928	4,016	n.a.	79
1,886	1,905	1,990	2,054	2,091	2,122	2,196	1,867	1,906	1,936	1,925	1,952	2,023	2,096	171,491	178,319	183,099	190,111	197,381	205,899	214,683	80
407	417	418	419	434	441	468	502	517	524	530	543	554	585	38,525	39,621	39,667	40,868	41,600	42,535	44,303	81
442	421	472	500	474	445	424	286	248	238	221	206	211	219	27,547	27,203	26,408	27,778	28,056	27,909	28,111	82
1,038	1,068	1,099	1,134	1,184	1,235	1,304	1,080	1,141	1,174	1,174	1,203	1,258	1,292	105,418	111,494	117,023	121,465	127,725	135,455	142,269	83
464	472	483	492	509	527	n.a.	405	428	437	420	420	443	n.a.	34,784	36,671	38,408	39,605	41,331	43,730	n.a.	84
574	596	616	642	675	708	n.a.	675	712	737	754	783	814	n.a.	70,634	74,823	78,615	81,860	86,395	91,726	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Alabama							Arkansas						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	75,439	79,832	83,903	87,221	91,848	95,956	100,269	41,190	43,498	45,995	48,700	51,344	53,725	56,421
2	Population (thousands) [2]	4,193	4,233	4,263	4,290	4,320	4,351	4,370	2,424	2,451	2,480	2,505	2,524	2,538	2,551
3	Per capita personal income (dollars) [3]	17,991	18,860	19,683	20,329	21,260	22,054	22,946	16,995	17,750	18,546	19,442	20,342	21,167	22,114
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	53,380	56,165	58,317	60,577	63,807	66,930	70,135	28,582	30,335	31,917	33,579	35,267	37,067	39,129
5	Less: Personal contributions for social insurance [4]	3,287	3,534	3,755	3,870	4,063	4,217	4,394	1,806	1,964	2,064	2,137	2,251	2,355	2,473
6	Plus: Adjustment for residence [5]	600	647	680	674	725	828	912	–270	–292	–270	–263	–264	–264	–285
7	Equals: Net earnings by place of residence	50,693	53,279	55,242	57,381	60,470	63,541	66,653	26,506	28,079	29,583	31,179	32,752	34,448	36,371
8	Plus: Dividends, interest, and rent [6]	12,370	13,511	14,575	14,935	15,704	16,453	17,102	7,101	7,530	7,934	8,586	9,208	9,670	10,115
9	Plus: Transfer payments	12,376	13,042	14,087	14,906	15,674	15,961	16,514	7,584	7,889	8,478	8,935	9,384	9,607	9,934
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	41,198	43,431	45,923	47,871	50,516	53,130	55,824	21,038	22,429	23,881	25,090	26,614	28,333	30,039
11	Other labor income	6,662	6,985	6,816	6,817	6,987	7,136	7,291	3,384	3,578	3,484	3,490	3,547	3,649	3,771
12	Proprietors' income [7]	5,520	5,750	5,578	5,888	6,303	6,664	7,021	4,160	4,327	4,553	4,999	5,107	5,084	5,318
13	Farm	875	938	648	727	805	913	883	961	1,111	1,225	1,597	1,465	1,258	1,257
14	Nonfarm	4,646	4,812	4,930	5,161	5,498	5,751	6,137	3,199	3,217	3,328	3,402	3,642	3,826	4,061
	Earnings by Industry														
15	Farm	999	1,057	772	846	933	1,045	1,023	1,212	1,333	1,419	1,815	1,701	1,515	1,539
16	Nonfarm	52,382	55,109	57,544	59,731	62,874	65,885	69,112	27,370	29,002	30,498	31,764	33,566	35,551	37,589
17	Private	40,953	43,140	45,186	47,224	49,999	52,476	55,206	22,394	23,831	25,112	26,124	27,681	29,429	31,231
18	Agricultural services, forestry, fishing, and other [8]	335	331	323	314	344	381	426	239	229	224	219	245	268	300
19	Agricultural services	283	272	282	294	309	336	n.a.	222	209	210	211	228	245	n.a.
20	Forestry, fishing, and other [8]	52	59	42	19	35	46	n.a.	16	20	14	8	17	22	n.a.
21	Mining	545	570	607	622	639	643	610	157	163	166	167	188	193	189
22	Metal mining	3	3	(D)	(D)	(D)	4	n.a.	4	6	(D)	(D)	(D)	(D)	n.a.
23	Coal mining	357	372	406	418	399	376	n.a.	(D)	10	(D)	(D)	(D)	(D)	n.a.
24	Oil and gas extraction	(D)	90	(D)	(D)	(D)	131	n.a.	108	107	(D)	(D)	(D)	124	n.a.
25	Nonmetallic minerals, except fuels	(D)	105	103	114	123	132	n.a.	(D)	40	46	47	50	52	n.a.
26	Construction	2,882	3,140	3,310	3,668	3,896	4,118	4,425	1,523	1,646	1,769	1,906	1,984	2,089	2,260
27	Manufacturing	11,911	12,495	12,829	12,887	13,376	13,754	13,873	6,680	7,209	7,401	7,469	7,740	8,114	8,400
28	Durable goods	6,316	6,783	7,068	7,169	7,504	7,796	7,909	3,600	3,949	4,088	4,164	4,303	4,556	4,682
29	Lumber and wood products	912	1,009	1,078	1,141	1,194	1,254	n.a.	618	662	663	659	688	729	n.a.
30	Furniture and fixtures	271	302	296	289	297	317	n.a.	234	254	246	243	264	299	n.a.
31	Stone, clay, and glass products	266	300	334	359	375	389	n.a.	144	155	158	174	176	189	n.a.
32	Primary metal industries	1,075	1,127	1,165	1,172	1,235	1,258	n.a.	370	402	410	455	457	455	n.a.
33	Fabricated metal products	696	751	773	782	811	834	n.a.	571	628	709	733	733	801	n.a.
34	Industrial machinery and equipment	967	1,036	1,086	1,112	1,173	1,241	n.a.	537	565	585	564	582	610	n.a.
35	Electronic and other electric equipment	759	814	847	866	875	878	n.a.	536	632	628	615	624	646	n.a.
36	Motor vehicles and equipment	466	542	597	580	642	719	n.a.	201	239	276	278	305	317	n.a.
37	Other transportation equipment	665	649	628	603	622	625	n.a.	151	167	168	192	226	248	n.a.
38	Instruments and related products	109	110	113	116	121	125	n.a.	153	151	153	158	159	165	n.a.
39	Miscellaneous manufacturing industries	130	143	148	151	158	157	n.a.	85	94	91	95	92	98	n.a.
40	Nondurable goods	5,595	5,712	5,761	5,717	5,873	5,958	5,964	3,080	3,260	3,312	3,305	3,436	3,558	3,718
41	Food and kindred products	804	839	858	861	892	943	n.a.	1,209	1,291	1,323	1,317	1,406	1,462	n.a.
42	Tobacco products	10	11	15	(D)	19	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.
43	Textile mill products	1,076	993	1,007	996	1,043	1,044	n.a.	71	79	83	98	99	114	n.a.
44	Apparel and other textile products	832	944	906	798	753	714	n.a.	186	182	177	147	139	135	n.a.
45	Paper and allied products	1,087	1,090	1,089	1,121	1,165	1,164	n.a.	593	603	607	616	636	648	n.a.
46	Printing and publishing	411	442	463	487	513	538	n.a.	281	301	310	308	319	332	n.a.
47	Chemicals and allied products	629	657	684	703	736	773	n.a.	232	248	266	278	287	297	n.a.
48	Petroleum and coal products	82	82	79	77	69	67	n.a.	42	42	41	42	42	42	n.a.
49	Rubber and miscellaneous plastics products	661	652	657	655	680	692	n.a.	389	435	433	438	452	475	n.a.
50	Leather and leather products	1	1	2	(D)	1	(D)	n.a.	78	79	73	61	58	54	n.a.
51	Transportation and public utilities	3,546	3,738	3,863	3,973	4,088	4,235	4,398	2,303	2,446	2,657	2,767	2,913	3,087	3,179
52	Railroad transportation	209	223	201	215	216	226	n.a.	214	216	216	227	238	249	n.a.
53	Trucking and warehousing	1,009	1,113	1,158	1,189	1,270	1,338	n.a.	924	1,021	1,110	1,122	1,221	1,322	n.a.
54	Water transportation	(D)	(D)	(D)	(D)	92	83	n.a.	12	14	15	16	19	23	n.a.
55	Other transportation	(D)	(D)	(D)	(D)	405	437	n.a.	188	227	255	284	294	325	n.a.
56	Communications	958	1,031	1,046	1,049	1,060	1,070	n.a.	442	440	537	609	647	653	n.a.
57	Electric, gas, and sanitary services	997	966	1,013	1,039	1,043	1,081	n.a.	523	528	524	510	495	515	n.a.
58	Wholesale trade	2,831	3,009	3,255	3,426	3,620	3,832	4,148	1,435	1,516	1,631	1,652	1,741	1,878	1,988
59	Retail trade	4,834	5,102	5,362	5,673	6,020	6,265	6,660	2,976	3,196	3,363	3,488	3,744	4,034	4,402
60	Finance, insurance, and real estate	2,662	2,800	2,918	3,149	3,493	3,769	4,154	1,335	1,371	1,432	1,516	1,667	1,812	1,946
61	Depository and nondepository institutions	978	1,001	1,018	1,111	1,205	1,343	n.a.	444	463	475	496	552	616	n.a.
62	Other finance, insurance, and real estate	1,684	1,799	1,900	2,038	2,288	2,426	n.a.	891	908	958	1,020	1,115	1,196	n.a.
63	Services	11,408	11,955	12,719	13,512	14,524	15,479	16,512	5,745	6,056	6,468	6,941	7,459	7,953	8,567
64	Hotels and other lodging places	193	195	208	217	223	239	n.a.	133	135	143	147	152	161	n.a.
65	Personal services	464	475	483	498	523	542	n.a.	285	279	277	282	298	313	n.a.
66	Private households	150	155	166	167	167	193	n.a.	64	66	71	72	72	83	n.a.
67	Business services	1,564	1,721	1,845	2,054	2,384	2,745	n.a.	825	912	1,000	1,058	1,230	1,376	n.a.
68	Auto repair, services, and parking	379	422	443	462	485	535	n.a.	235	255	267	274	283	311	n.a.
69	Miscellaneous repair services	229	226	243	252	266	293	n.a.	111	115	128	132	130	138	n.a.
70	Amusement and recreation services	205	203	214	201	212	236	n.a.	105	105	116	122	127	137	n.a.
71	Motion pictures	69	61	68	63	64	65	n.a.	49	45	42	50	49	56	n.a.
72	Health services	4,283	4,563	4,868	5,278	5,600	5,730	n.a.	2,570	2,708	2,853	3,096	3,279	3,413	n.a.
73	Legal services	871	938	969	1,075	1,124	1,183	n.a.	302	305	303	321	339	355	n.a.
74	Educational services	285	310	326	338	353	379	n.a.	130	136	145	156	164	175	n.a.
75	Social services	282	310	335	367	405	426	n.a.	243	269	290	303	320	348	n.a.
76	Museums, botanical, zoological gardens	3	4	4	5	6	7	n.a.	1	2	2	2	2	3	n.a.
77	Membership organizations	554	603	615	651	678	700	n.a.	257	275	280	294	302	315	n.a.
78	Engineering and management services	1,747	1,635	1,752	1,769	1,893	2,062	n.a.	350	345	382	421	456	510	n.a.
79	Miscellaneous services	128	134	179	115	142	143	n.a.	85	102	169	210	257	261	n.a.
80	Government and government enterprises	11,428	11,969	12,359	12,506	12,876	13,408	13,906	4,977	5,171	5,386	5,640	5,885	6,123	6,358
81	Federal, civilian	3,137	3,242	3,314	3,193	3,231	3,336	3,347	1,024	1,053	1,074	1,105	1,131	1,168	1,192
82	Military	1,307	1,254	1,223	1,269	1,246	1,229	1,167	386	363	379	415	424	435	431
83	State and local	6,984	7,472	7,822	8,044	8,398	8,843	9,392	3,567	3,755	3,933	4,120	4,330	4,520	4,735
84	State	2,669	2,851	2,944	2,947	3,050	3,149	n.a.	1,502	1,587	1,661	1,752	1,828	1,895	n.a.
85	Local	4,316	4,621	4,878	5,096	5,348	5,694	n.a.	2,064	2,167	2,272	2,367	2,503	2,624	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Florida							Georgia							Kentucky							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
296,927	311,909	333,525	355,136	376,559	400,209	423,460	138,771	149,165	159,800	172,935	184,113	197,319	211,823	67,559	70,781	74,080	78,221	83,181	87,274	91,735	1
13,714	13,962	14,185	14,427	14,683	14,908	15,111	6,894	7,046	7,189	7,332	7,486	7,637	7,788	3,792	3,823	3,855	3,881	3,908	3,934	3,961	2
21,652	22,340	23,512	24,616	25,645	26,845	28,023	20,129	21,170	22,230	23,586	24,594	25,839	27,198	17,815	18,514	19,215	20,155	21,286	22,183	23,161	3
182,048	190,871	202,726	215,167	229,760	248,372	265,637	105,345	112,808	120,919	130,414	139,936	151,756	164,407	47,690	50,078	51,781	54,446	57,973	61,248	64,824	4
11,346	12,200	13,021	13,646	14,520	15,506	16,425	6,058	6,585	7,118	7,594	8,149	8,770	9,438	2,822	3,045	3,222	3,352	3,557	3,723	3,934	5
723	754	782	807	848	897	955	–155	–195	–240	–293	–333	–432	–519	–352	–440	–491	–596	–671	–651	–721	6
171,425	179,426	190,487	202,328	216,088	233,763	250,167	99,132	106,028	113,561	122,527	131,454	142,555	154,449	44,516	46,593	48,068	50,499	53,745	56,875	60,169	7
77,661	81,453	88,225	94,832	99,522	103,922	108,229	22,002	24,272	26,066	28,749	30,528	32,030	33,613	11,286	11,947	12,870	13,816	14,662	15,335	15,990	8
47,841	51,030	54,813	57,976	60,948	62,523	65,064	17,637	18,866	20,174	21,660	22,131	22,734	23,762	11,757	12,242	13,141	13,906	14,774	15,064	15,576	9
141,875	149,517	159,122	169,572	181,755	197,864	211,752	81,593	87,240	94,397	101,962	109,984	120,211	130,540	36,205	38,309	40,508	42,679	45,566	48,435	51,646	10
21,853	23,473	23,423	24,521	25,244	26,142	27,095	12,939	13,800	13,796	14,053	14,524	15,165	15,962	6,287	6,582	6,443	6,392	6,612	6,779	7,082	11
18,320	17,880	20,181	21,073	22,761	24,366	26,790	10,813	11,767	12,726	14,398	15,428	16,381	17,905	5,197	5,187	4,831	5,375	5,795	6,034	6,097	12
1,779	1,413	1,399	1,144	1,274	1,565	2,129	1,204	1,668	1,457	1,565	1,540	1,501	1,363	858	892	471	829	888	865	615	13
16,541	16,467	18,781	19,929	21,487	22,801	24,661	9,609	10,099	11,268	12,833	13,888	14,880	16,542	4,339	4,296	4,360	4,546	4,907	5,170	5,482	14
2,606	2,225	2,256	1,979	2,169	2,493	3,109	1,427	1,890	1,697	1,802	1,803	1,774	1,659	1,038	1,063	652	1,006	1,066	1,066	833	15
179,442	188,645	200,470	213,189	227,591	245,880	262,529	103,918	110,918	119,221	128,611	138,133	149,982	162,748	46,652	49,016	51,129	53,440	56,907	60,182	63,991	16
145,073	153,110	163,698	174,680	187,295	203,745	219,282	84,263	90,319	97,850	106,302	114,775	125,403	137,228	37,263	39,324	41,097	43,015	46,149	49,131	52,102	17
1,980	1,975	2,002	2,134	2,304	2,507	2,722	546	573	647	692	773	868	976	338	319	341	343	380	419	471	18
1,857	1,842	1,896	2,040	2,194	2,393	n.a.	487	503	581	636	708	792	n.a.	334	314	337	341	377	415	n.a.	19
123	133	106	94	109	115	n.a.	58	71	66	56	66	76	n.a.	3	5	4	2	3	4	n.a.	20
333	333	354	393	357	386	347	310	329	352	354	374	402	417	1,427	1,436	1,323	1,281	1,317	1,348	1,238	21
(D)	8	7	8	11	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(D)	n.a.	(D)	(L)	(L)	(L)	(L)	(L)	n.a.	22
(D)	16	24	18	18	(D)	n.a.	3	2	11	9	9	(D)	n.a.	1,268	1,267	1,154	1,108	1,120	1,146	n.a.	23
69	67	56	90	69	71	n.a.	7	6	4	5	6	6	n.a.	(D)	75	67	68	84	86	n.a.	24
243	241	266	277	259	285	n.a.	301	321	337	341	359	385	n.a.	84	94	101	105	113	116	n.a.	25
10,428	11,027	11,761	12,812	13,508	14,766	15,626	5,266	5,902	6,521	7,265	7,685	8,582	9,739	2,684	2,875	2,878	3,077	3,379	3,595	3,833	26
17,372	17,934	18,049	18,637	19,432	20,490	20,603	17,882	19,306	20,364	21,009	22,169	23,645	24,977	10,275	10,975	11,425	11,589	12,394	12,938	13,481	27
10,783	11,128	11,200	11,687	12,243	12,937	12,933	7,598	8,457	9,189	9,539	10,210	11,094	11,673	5,985	6,490	6,854	6,946	7,567	8,071	8,515	28
557	607	641	701	722	776	n.a.	1,005	1,119	1,416	1,592	1,653	1,808	n.a.	323	360	368	369	401	441	n.a.	29
330	339	333	354	375	375	n.a.	243	264	277	313	325	370	n.a.	115	124	132	136	151	169	n.a.	30
666	724	760	833	864	928	n.a.	599	638	707	744	809	862	n.a.	352	373	385	392	413	436	n.a.	31
188	206	219	238	256	279	n.a.	616	631	626	671	705	748	n.a.	791	792	795	831	879	917	n.a.	32
947	997	1,010	1,058	1,103	1,165	n.a.	660	734	776	799	847	968	n.a.	663	713	734	772	853	918	n.a.	33
1,631	1,713	1,583	1,563	1,529	1,620	n.a.	981	1,138	1,212	1,296	1,415	1,493	n.a.	1,125	1,196	1,276	1,336	1,413	1,542	n.a.	34
2,596	2,697	2,733	2,780	2,988	3,090	n.a.	1,146	1,270	1,333	1,378	1,458	1,491	n.a.	1,049	1,146	1,078	1,047	1,068	1,065	n.a.	35
238	239	272	268	288	298	n.a.	670	834	965	776	919	977	n.a.	1,225	1,429	1,660	1,633	1,911	2,107	n.a.	36
2,079	1,989	2,012	2,061	2,184	2,287	n.a.	1,126	1,195	1,232	1,307	1,394	1,655	n.a.	101	110	163	166	185	188	n.a.	37
1,297	1,339	1,351	1,512	1,607	1,768	n.a.	375	424	427	431	442	470	n.a.	109	111	125	128	147	150	n.a.	38
253	278	287	318	327	349	n.a.	178	210	218	231	243	253	n.a.	132	136	138	138	145	139	n.a.	39
6,588	6,806	6,849	6,950	7,189	7,553	7,670	10,285	10,849	11,176	11,470	11,959	12,551	13,304	4,290	4,485	4,571	4,643	4,827	4,867	4,967	40
1,467	1,484	1,430	1,465	1,495	1,554	n.a.	2,048	2,112	2,112	2,318	2,420	2,693	n.a.	701	749	764	813	885	920	n.a.	41
32	32	50	59	68	86	n.a.	183	180	220	231	254	(D)	n.a.	262	269	277	269	253	256	n.a.	42
103	103	111	120	126	128	n.a.	2,821	3,003	3,059	3,090	3,191	3,296	n.a.	205	194	184	188	186	125	n.a.	43
596	590	544	535	521	522	n.a.	926	918	845	733	664	622	n.a.	540	571	570	532	556	533	n.a.	44
603	620	627	631	657	644	n.a.	1,430	1,470	1,518	1,545	1,629	1,678	n.a.	383	413	425	451	477	506	n.a.	45
2,032	2,138	2,180	2,245	2,325	2,477	n.a.	1,336	1,484	1,629	1,644	1,767	1,827	n.a.	601	632	666	694	734	767	n.a.	46
1,063	1,109	1,164	1,096	1,161	1,295	n.a.	910	978	1,044	1,061	1,128	1,208	n.a.	770	792	821	844	879	901	n.a.	47
80	79	67	69	95	98	n.a.	38	35	33	37	39	43	n.a.	239	258	227	206	210	180	n.a.	48
568	604	623	661	674	692	n.a.	565	642	687	792	854	915	n.a.	558	580	609	616	621	655	n.a.	49
46	47	53	68	66	57	n.a.	27	27	29	20	14	(D)	n.a.	32	27	28	29	25	23	n.a.	50
11,973	12,596	13,170	13,736	14,552	15,502	16,472	9,930	10,689	11,399	12,456	13,427	14,366	15,504	3,322	3,577	3,703	3,924	4,203	4,655	4,758	51
408	424	450	455	449	470	n.a.	391	400	384	398	398	(D)	n.a.	254	248	245	258	256	269	n.a.	52
2,139	2,326	2,263	2,389	2,586	2,796	n.a.	1,713	1,853	1,939	2,012	2,227	2,411	n.a.	853	913	936	959	1,079	1,172	n.a.	53
626	663	675	715	808	870	n.a.	74	77	83	92	101	106	n.a.	97	101	94	103	107	115	n.a.	54
3,103	3,352	3,733	4,061	4,309	4,623	n.a.	2,973	3,138	3,241	3,476	3,767	(D)	n.a.	928	1,066	1,157	1,303	1,415	1,685	n.a.	55
3,644	3,868	3,987	3,923	4,131	4,436	n.a.	3,437	3,861	4,419	5,142	5,592	5,888	n.a.	497	524	543	562	581	614	n.a.	56
2,054	1,963	2,062	2,194	2,270	2,307	n.a.	1,341	1,359	1,332	1,337	1,342	1,432	n.a.	693	726	729	739	765	800	n.a.	57
11,021	11,809	12,717	13,944	14,862	16,029	17,570	8,974	9,338	9,874	10,631	11,574	12,885	14,099	2,310	2,476	2,709	2,855	3,063	3,325	3,619	58
20,525	21,719	22,829	24,483	25,718	27,399	28,968	9,412	10,167	10,981	11,849	12,532	13,365	14,471	4,602	4,880	5,120	5,342	5,690	6,034	6,457	59
15,620	15,983	17,604	19,461	21,856	24,671	26,581	7,292	7,510	8,298	9,190	10,386	11,839	12,710	2,354	2,330	2,469	2,638	2,904	3,088	3,323	60
4,267	4,452	4,596	4,989	5,703	6,525	n.a.	2,224	2,298	2,405	2,610	2,918	3,280	n.a.	846	877	906	953	1,012	1,097	n.a.	61
11,353	11,531	13,008	14,472	16,153	18,146	n.a.	5,067	5,212	5,893	6,580	7,468	8,559	n.a.	1,508	1,453	1,564	1,685	1,892	1,991	n.a.	62
55,820	59,734	65,211	69,078	74,707	81,994	90,393	24,651	26,505	29,413	32,854	35,855	39,452	44,335	9,952	10,455	11,129	11,967	12,819	13,728	14,923	63
2,723	2,739	2,934	3,124	3,313	3,645	n.a.	846	877	933	1,091	1,132	1,254	n.a.	223	224	243	266	276	288	n.a.	64
1,841	1,866	1,965	2,032	2,144	2,254	n.a.	879	899	946	988	1,062	1,132	n.a.	441	451	464	467	503	534	n.a.	65
683	712	769	783	792	926	n.a.	292	306	331	338	344	403	n.a.	110	114	121	123	123	142	n.a.	66
9,716	10,830	12,611	13,140	15,462	18,506	n.a.	5,116	5,846	7,072	8,563	9,906	11,449	n.a.	1,343	1,494	1,608	1,784	2,008	2,249	n.a.	67
1,679	1,767	1,851	1,947	2,092	2,221	n.a.	825	931	939	1,025	1,112	1,232	n.a.	353	387	404	439	451	492	n.a.	68
820	829	908	936	932	997	n.a.	355	363	424	379	400	438	n.a.	147	135	159	178	186	211	n.a.	69
2,880	3,100	3,421	3,709	4,037	4,414	n.a.	620	651	798	897	833	876	n.a.	208	238	244	247	258	283	n.a.	70
373	401	456	450	480	530	n.a.	209	231	228	253	258	274	n.a.	77	73	67	70	62	66	n.a.	71
19,124	20,337	21,756	23,114	23,923	24,731	n.a.	7,880	8,267	8,835	9,693	10,100	10,521	n.a.	4,541	4,743	5,027	5,392	5,730	5,939	n.a.	72
4,224	4,362	4,571	4,851	5,107	5,661	n.a.	1,861	1,865	1,948	2,137	2,355	2,589	n.a.	666	658	686	730	793	821	n.a.	73
1,403	1,565	1,658	1,762	1,877	2,035	n.a.	976	1,059	1,170	1,225	1,333	1,449	n.a.	305	318	336	355	373	402	n.a.	74
1,697	1,859	1,963	2,065	2,173	2,356	n.a.	535	609	664	733	815	904	n.a.	297	320	352	382	399	443	n.a.	75
50	56	63	68	73	78	n.a.	19	19	22	23	24	28	n.a.	8	9	9	9	9	11	n.a.	76
2,159	2,286	2,367	2,467	2,549	2,664	n.a.	976	1,021	1,052	1,147	1,199	1,244	n.a.	438	455	473	479	497	520	n.a.	77
5,977	6,409	7,273	7,802	8,771	9,967	n.a.	2,898	3,109	3,608	3,866	4,393	5,034	n.a.	699	734	833	940	1,022	1,200	n.a.	78
471	616	645	829	983	1,007	n.a.	363	451	443	494	589	627	n.a.	96	102	102	107	128	126	n.a.	79
34,369	35,536	36,772	38,509	40,296	42,135	43,246	19,655	20,599	21,372	22,310	23,358	24,579	25,520	9,389	9,692	10,032	10,425	10,759	11,052	11,890	80
6,234	6,278	6,462	6,769	6,929	7,160	7,568	4,795	4,978	5,039	5,155	5,309	5,433	5,742	1,856	1,897	1,900	1,934	1,927	1,924	2,069	81
4,273	4,017	3,866	4,307	4,566	4,436	4,156	2,993	3,042	3,016	3,187	3,315	3,351	3,332	1,556	1,561	1,539	1,616	1,652	1,662	1,688	82
23,862	25,241	26,444	27,432	28,801	30,539	31,522	11,867	12,578	13,317	13,967	14,733	15,795	16,445	5,978	6,233	6,593	6,875	7,180	7,466	8,133	83
5,534	5,768	6,095	6,417	6,921	7,464	n.a.	3,828	4,092	4,353	4,589	4,793	5,124	n.a.	2,240	2,325	2,451	2,555	2,662	2,794	n.a.	84
18,328	19,473	20,349	21,015	21,880	23,075	n.a.	8,039	8,487	8,964	9,378	9,941	10,671	n.a.	3,738	3,909	4,142	4,320	4,518	4,672	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Louisiana							Mississippi						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	75,911	80,872	84,573	87,879	92,486	96,878	99,646	40,768	44,077	46,242	48,898	51,557	54,410	56,773
2	Population (thousands) [2]	4,285	4,307	4,328	4,339	4,351	4,363	4,372	2,636	2,663	2,691	2,710	2,732	2,751	2,769
3	Per capita personal income (dollars) [3]	17,717	18,779	19,541	20,254	21,254	22,206	22,792	15,468	16,549	17,185	18,044	18,873	19,776	20,506
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	52,497	55,472	58,116	60,434	64,038	67,725	69,340	27,622	30,065	31,167	32,752	34,475	36,726	38,360
5	Less: Personal contributions for social insurance [4]	2,779	3,019	3,184	3,302	3,509	3,684	3,719	1,717	1,897	2,012	2,076	2,186	2,305	2,400
6	Plus: Adjustment for residence [5]	–109	–120	–137	–143	–146	–142	–112	830	863	939	987	1,117	1,267	1,333
7	Equals: Net earnings by place of residence	49,609	52,333	54,795	56,989	60,384	63,899	65,509	26,735	29,031	30,094	31,663	33,406	35,688	37,293
8	Plus: Dividends, interest, and rent [6]	11,991	12,797	13,832	14,595	15,328	16,014	16,665	6,178	6,714	7,062	7,538	8,004	8,415	8,796
9	Plus: Transfer payments	14,311	15,741	15,946	16,294	16,774	16,965	17,472	7,855	8,332	9,086	9,696	10,147	10,307	10,685
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	39,326	41,645	44,122	46,177	49,382	52,729	53,706	20,877	22,756	24,006	25,139	26,657	28,591	30,054
11	Other labor income	6,720	7,189	7,171	7,014	7,142	7,327	7,303	3,547	3,812	3,730	3,776	3,873	4,012	4,128
12	Proprietors' income [7]	6,451	6,637	6,823	7,242	7,514	7,669	8,331	3,198	3,496	3,432	3,837	3,945	4,124	4,178
13	Farm	303	392	438	591	403	196	464	277	533	431	768	660	657	539
14	Nonfarm	6,148	6,245	6,386	6,652	7,111	7,473	7,868	2,922	2,963	3,001	3,069	3,285	3,467	3,639
	Earnings by Industry														
15	Farm	478	547	576	747	574	381	665	464	697	573	925	828	840	741
16	Nonfarm	52,019	54,924	57,540	59,687	63,465	67,344	68,675	27,158	29,368	30,594	31,828	33,647	35,887	37,620
17	Private	41,398	43,906	46,095	48,026	51,362	54,665	55,849	21,050	22,887	23,770	24,743	26,297	28,137	29,449
18	Agricultural services, forestry, fishing, and other [8]	323	294	305	303	335	360	419	203	202	198	196	220	248	295
19	Agricultural services	214	202	213	226	246	265	n.a.	169	164	165	167	184	205	n.a.
20	Forestry, fishing, and other [8]	109	91	92	76	89	95	n.a.	33	39	32	30	36	43	n.a.
21	Mining	2,443	2,515	2,577	2,774	3,248	3,487	3,027	217	234	224	252	314	348	316
22	Metal mining	18	22	(D)	(D)	(D)	41	n.a.	(D)	(L)	(L)	(L)	(L)	(L)	n.a.
23	Coal mining	14	11	(D)	(D)	(D)	16	n.a.	(D)	2	7	5	6	(D)	n.a.
24	Oil and gas extraction	2,336	2,396	2,434	2,624	3,104	3,319	n.a.	198	213	198	227	288	318	n.a.
25	Nonmetallic minerals, except fuels	75	87	93	109	107	111	n.a.	18	19	20	20	20	(D)	n.a.
26	Construction	3,438	3,721	3,858	4,278	4,596	5,227	5,153	1,489	1,671	1,707	1,892	2,036	2,301	2,326
27	Manufacturing	7,616	8,190	8,480	8,390	8,840	9,191	9,313	6,654	7,073	7,092	6,961	7,170	7,610	7,827
28	Durable goods	2,837	3,161	3,336	3,234	3,556	3,817	3,817	4,024	4,372	4,401	4,343	4,497	4,873	5,022
29	Lumber and wood products	486	514	500	488	515	533	n.a.	714	780	817	815	853	890	n.a.
30	Furniture and fixtures	18	23	23	19	20	22	n.a.	651	698	666	656	697	738	n.a.
31	Stone, clay, and glass products	168	182	192	208	216	228	n.a.	158	169	174	181	186	198	n.a.
32	Primary metal industries	103	101	111	126	132	136	n.a.	127	140	146	156	174	187	n.a.
33	Fabricated metal products	446	436	440	494	550	566	n.a.	372	418	429	437	441	464	n.a.
34	Industrial machinery and equipment	454	497	551	602	721	812	n.a.	444	508	538	571	608	659	n.a.
35	Electronic and other electric equipment	229	242	241	235	237	240	n.a.	624	694	692	682	696	692	n.a.
36	Motor vehicles and equipment	239	385	448	198	185	(D)	n.a.	142	169	173	163	187	211	n.a.
37	Other transportation equipment	604	684	726	737	844	(D)	n.a.	644	643	617	545	517	689	n.a.
38	Instruments and related products	42	46	47	60	64	74	n.a.	63	64	58	48	46	47	n.a.
39	Miscellaneous manufacturing industries	48	53	58	65	73	76	n.a.	85	90	91	89	92	99	n.a.
40	Nondurable goods	4,779	5,029	5,143	5,157	5,284	5,374	5,496	2,629	2,701	2,690	2,618	2,673	2,736	2,805
41	Food and kindred products	512	546	540	565	592	596	n.a.	597	625	638	627	632	648	n.a.
42	Tobacco products	(L)	1	(L)	(L)	(D)	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.
43	Textile mill products	98	112	105	103	91	62	n.a.	144	136	132	110	130	132	n.a.
44	Apparel and other textile products	170	168	162	144	132	110	n.a.	520	505	471	419	407	380	n.a.
45	Paper and allied products	550	566	590	598	608	617	n.a.	384	393	403	434	444	445	n.a.
46	Printing and publishing	261	281	280	285	288	299	n.a.	191	205	206	211	222	238	n.a.
47	Chemicals and allied products	2,255	2,358	2,589	2,590	2,645	2,714	n.a.	281	299	310	316	332	357	n.a.
48	Petroleum and coal products	802	860	723	708	749	792	n.a.	140	142	134	129	136	148	n.a.
49	Rubber and miscellaneous plastics products	130	136	152	161	177	183	n.a.	364	389	391	365	363	383	n.a.
50	Leather and leather products	(L)	1	2	1	(D)	(D)	n.a.	7	8	7	6	6	4	n.a.
51	Transportation and public utilities	4,179	4,375	4,457	4,567	4,876	5,139	5,143	1,821	1,958	2,022	2,094	2,215	2,291	2,301
52	Railroad transportation	189	198	201	206	213	222	n.a.	99	99	104	107	108	(D)	n.a.
53	Trucking and warehousing	753	800	838	847	920	981	n.a.	569	643	698	709	769	819	n.a.
54	Water transportation	792	856	857	898	1,046	1,158	n.a.	64	76	81	85	(D)	85	n.a.
55	Other transportation	649	669	661	699	740	796	n.a.	209	230	245	266	(D)	(D)	n.a.
56	Communications	768	799	856	909	950	954	n.a.	411	433	433	463	534	510	n.a.
57	Electric, gas, and sanitary services	1,027	1,054	1,044	1,007	1,009	1,029	n.a.	469	477	462	462	456	488	n.a.
58	Wholesale trade	2,779	2,940	3,119	3,257	3,490	3,751	3,833	1,281	1,378	1,426	1,475	1,572	1,736	1,810
59	Retail trade	4,707	5,008	5,360	5,463	5,732	6,074	6,339	2,695	2,850	2,999	3,160	3,364	3,570	3,852
60	Finance, insurance, and real estate	2,659	2,730	2,937	3,110	3,379	3,656	3,817	1,243	1,304	1,379	1,425	1,534	1,667	1,781
61	Depository and nondepository institutions	909	991	1,034	1,068	1,169	1,267	n.a.	522	549	564	600	647	707	n.a.
62	Other finance, insurance, and real estate	1,750	1,740	1,902	2,043	2,209	2,389	n.a.	721	755	815	825	887	960	n.a.
63	Services	13,254	14,133	15,002	15,883	16,865	17,779	18,805	5,448	6,218	6,724	7,288	7,872	8,366	8,939
64	Hotels and other lodging places	375	434	494	547	559	605	n.a.	144	299	407	499	539	647	n.a.
65	Personal services	437	460	501	526	597	655	n.a.	235	248	254	257	278	291	n.a.
66	Private households	190	196	209	210	209	241	n.a.	112	116	125	126	126	146	n.a.
67	Business services	1,748	1,855	1,932	2,161	2,484	2,728	n.a.	582	647	693	771	912	992	n.a.
68	Auto repair, services, and parking	343	368	389	411	453	510	n.a.	212	230	238	242	255	284	n.a.
69	Miscellaneous repair services	253	254	277	301	298	332	n.a.	174	148	168	174	173	181	n.a.
70	Amusement and recreation services	318	612	983	1,117	1,120	1,225	n.a.	349	573	535	546	559	568	n.a.
71	Motion pictures	70	61	65	82	76	78	n.a.	36	36	44	35	29	32	n.a.
72	Health services	5,037	5,364	5,580	5,839	6,013	6,008	n.a.	2,086	2,314	2,542	2,827	3,022	3,061	n.a.
73	Legal services	1,437	1,393	1,396	1,444	1,569	1,616	n.a.	420	430	442	478	529	612	n.a.
74	Educational services	536	578	606	615	651	728	n.a.	190	212	221	226	241	262	n.a.
75	Social services	325	372	399	406	435	488	n.a.	162	181	193	203	215	230	n.a.
76	Museums, botanical, zoological gardens	17	17	19	20	21	24	n.a.	3	3	2	2	3	3	n.a.
77	Membership organizations	481	513	511	540	564	590	n.a.	275	290	298	315	331	345	n.a.
78	Engineering and management services	1,534	1,504	1,425	1,481	1,596	1,745	n.a.	401	423	458	483	536	584	n.a.
79	Miscellaneous services	153	153	217	183	219	207	n.a.	68	68	104	103	125	127	n.a.
80	Government and government enterprises	10,621	11,018	11,445	11,661	12,103	12,679	12,826	6,108	6,481	6,824	7,085	7,350	7,750	8,171
81	Federal, civilian	1,769	1,822	1,843	1,924	1,965	2,017	2,094	1,295	1,330	1,365	1,369	1,403	1,469	1,522
82	Military	1,164	1,162	1,138	1,162	1,153	1,145	1,177	886	930	941	981	988	1,024	1,051
83	State and local	7,688	8,034	8,465	8,574	8,985	9,517	9,556	3,927	4,221	4,518	4,735	4,959	5,257	5,598
84	State	2,895	3,056	3,273	3,253	3,371	3,591	n.a.	1,324	1,438	1,551	1,619	1,683	1,796	n.a.
85	Local	4,793	4,978	5,191	5,322	5,614	5,926	n.a.	2,603	2,784	2,967	3,116	3,276	3,460	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

North Carolina							South Carolina							Tennessee							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
139,239	147,793	157,634	167,638	179,845	190,009	200,601	64,711	68,511	72,050	76,287	81,169	85,898	91,300	100,394	106,855	114,260	119,287	126,096	132,756	140,275	1
6,947	7,061	7,185	7,308	7,429	7,546	7,651	3,635	3,666	3,700	3,739	3,790	3,840	3,886	5,086	5,163	5,241	5,314	5,378	5,433	5,484	2
20,042	20,931	21,938	22,940	24,210	25,181	26,220	17,805	18,686	19,473	20,403	21,416	22,372	23,496	19,741	20,696	21,800	22,450	23,445	24,437	25,581	3
102,719	108,925	115,043	121,409	130,483	138,538	147,659	46,361	48,526	50,842	53,331	56,735	60,400	64,636	74,342	79,588	84,702	87,890	93,281	98,605	104,648	4
6,205	6,708	7,181	7,524	8,081	8,559	9,113	2,783	2,974	3,171	3,281	3,486	3,683	3,910	4,415	4,826	5,181	5,366	5,695	5,974	6,267	5
–539	–601	–678	–742	–827	–821	–884	570	654	753	862	997	1,054	1,140	–563	–636	–715	–662	–811	–1,012	–1,074	6
95,975	101,616	107,184	113,143	121,574	129,159	137,661	44,149	46,206	48,423	50,912	54,246	57,772	61,866	69,365	74,127	78,806	81,862	86,775	91,619	97,307	7
24,049	26,288	28,250	30,570	32,941	34,719	35,581	10,816	11,811	12,431	13,375	14,222	14,860	15,505	15,105	16,158	17,316	18,395	19,424	20,598	21,606	8
19,215	19,888	22,199	23,925	25,330	26,131	27,359	9,746	10,494	11,196	12,000	12,702	13,266	13,929	15,925	16,570	18,138	19,030	19,897	20,540	21,363	9
79,433	84,473	90,251	95,853	103,596	111,444	119,720	36,693	38,465	40,695	42,628	45,543	48,864	52,357	56,365	60,458	64,554	67,568	72,123	76,826	81,312	10
12,319	12,985	12,744	13,018	13,465	13,881	14,483	5,875	6,095	5,890	5,922	6,058	6,274	6,623	8,748	9,550	9,678	8,931	8,965	9,122	9,429	11
10,967	11,467	12,049	12,538	13,422	13,213	13,456	3,793	3,966	4,256	4,781	5,134	5,263	5,656	9,229	9,581	10,470	11,391	12,193	12,658	13,907	12
2,262	2,494	2,294	2,561	2,577	1,712	1,194	226	364	251	316	327	182	132	383	431	233	128	133	–42	–76	13
8,704	8,974	9,755	9,977	10,845	11,502	12,262	3,568	3,602	4,005	4,466	4,807	5,081	5,524	8,846	9,149	10,237	11,263	12,060	12,700	13,983	14
2,617	2,847	2,683	2,953	2,984	2,175	1,713	325	463	358	422	446	306	267	508	553	365	259	268	111	92	15
100,101	106,078	112,360	118,456	127,499	136,364	145,946	46,036	48,063	50,483	52,909	56,289	60,094	64,370	73,834	79,035	84,337	87,631	93,013	98,495	104,557	16
80,567	85,778	91,307	96,425	104,298	111,801	119,989	35,698	37,706	40,160	42,253	45,132	48,300	51,662	62,451	66,852	71,834	74,725	80,087	85,134	90,557	17
594	574	628	709	815	918	1,050	267	262	298	307	341	392	420	351	347	370	372	414	460	509	18
533	515	578	670	767	865	n.a.	214	208	242	258	290	333	n.a.	343	338	363	378	412	454	n.a.	19
61	59	50	39	48	53	n.a.	53	55	56	49	51	59	n.a.	7	9	7	–6	1	6	n.a.	20
136	162	175	179	200	213	215	70	70	81	81	86	88	93	268	245	242	256	287	296	279	21
1	(L)	1	1	1	(D)	n.a.	11	8	9	10	11	(D)	n.a.	35	36	39	38	32	32	n.a.	22
7	12	16	15	16	17	n.a.	4	2	9	5	5	6	n.a.	88	79	72	77	78	75	n.a.	23
5	5	6	6	8	(D)	n.a.	3	4	4	6	8	(D)	n.a.	18	21	15	15	19	22	n.a.	24
124	145	152	158	175	185	n.a.	51	56	59	60	61	65	n.a.	127	110	115	125	157	167	n.a.	25
5,893	6,447	6,992	7,595	8,505	9,284	9,943	2,879	3,037	3,268	3,676	3,934	4,292	4,547	4,160	4,608	5,065	5,387	5,865	6,216	6,545	26
26,264	27,517	28,372	28,670	30,152	31,120	31,984	12,172	12,677	12,978	12,907	13,426	13,813	13,567	17,751	18,916	19,548	18,912	19,683	20,153	20,783	27
11,888	12,702	13,389	13,823	14,799	15,734	16,273	4,512	4,841	5,111	5,245	5,546	5,917	6,210	9,733	10,703	11,277	10,701	11,295	11,718	12,473	28
1,024	1,151	1,182	1,232	1,328	1,424	n.a.	403	440	450	459	486	497	n.a.	561	620	652	660	707	779	n.a.	29
1,924	2,015	1,997	1,965	2,056	2,182	n.a.	118	123	126	125	135	146	n.a.	729	787	795	786	815	831	n.a.	30
724	790	825	865	903	922	n.a.	311	326	342	349	360	403	n.a.	560	622	654	697	690	724	n.a.	31
567	630	620	664	721	772	n.a.	356	372	381	406	433	476	n.a.	658	691	699	716	754	792	n.a.	32
947	1,010	1,053	1,113	1,204	1,273	n.a.	579	594	586	622	667	728	n.a.	1,541	1,623	1,672	1,587	1,626	1,716	n.a.	33
2,836	2,972	3,217	3,328	3,556	3,719	n.a.	1,341	1,445	1,565	1,448	1,512	1,598	n.a.	1,342	1,510	1,560	1,622	1,760	1,912	n.a.	34
2,083	2,171	2,362	2,501	2,718	2,819	n.a.	751	811	862	845	861	848	n.a.	1,256	1,334	1,376	1,425	1,559	1,557	n.a.	35
935	1,026	1,145	1,116	1,196	1,353	n.a.	264	331	404	569	653	742	n.a.	1,969	2,351	2,677	2,028	2,163	2,128	n.a.	36
147	170	183	195	211	238	n.a.	125	128	125	140	155	182	n.a.	412	427	405	393	414	432	n.a.	37
502	552	584	605	663	777	n.a.	163	166	165	165	162	165	n.a.	366	383	398	400	410	446	n.a.	38
198	214	223	240	244	255	n.a.	101	105	107	117	120	133	n.a.	339	353	389	387	398	400	n.a.	39
14,376	14,815	14,983	14,846	15,353	15,386	15,711	7,660	7,836	7,866	7,662	7,880	7,896	7,357	8,018	8,214	8,271	8,210	8,388	8,435	8,310	40
1,322	1,399	1,447	1,486	1,518	1,593	n.a.	386	409	424	436	451	488	n.a.	1,227	1,258	1,246	1,232	1,297	1,377	n.a.	41
1,074	1,009	1,079	1,028	1,050	1,008	n.a.	4	2	2	1	1	(D)	n.a.	52	43	58	65	61	72	n.a.	42
5,047	5,164	5,051	4,883	5,029	4,924	n.a.	2,454	2,539	2,431	2,281	2,391	2,351	n.a.	524	533	526	506	516	519	n.a.	43
1,284	1,278	1,232	1,134	1,102	1,042	n.a.	596	598	584	544	527	474	n.a.	1,018	1,026	968	839	801	787	n.a.	44
968	991	1,015	1,047	1,074	1,056	n.a.	834	856	851	854	924	932	n.a.	907	914	907	912	965	1,010	n.a.	45
946	990	1,034	1,077	1,147	1,207	n.a.	337	356	398	430	461	476	n.a.	1,124	1,192	1,210	1,229	1,288	1,331	n.a.	46
2,425	2,590	2,685	2,678	2,848	2,914	n.a.	2,159	2,154	2,212	2,155	2,151	2,172	n.a.	1,922	1,917	1,985	2,125	2,063	1,923	n.a.	47
31	32	31	30	31	32	n.a.	24	23	20	20	20	20	n.a.	41	45	45	47	53	61	n.a.	48
1,211	1,297	1,349	1,426	1,495	1,555	n.a.	865	898	943	940	954	982	n.a.	1,059	1,157	1,213	1,172	1,269	1,280	n.a.	49
67	65	61	58	58	56	n.a.	1	2	1	1	1	(D)	n.a.	145	129	113	84	75	75	n.a.	50
6,399	6,920	7,181	7,441	7,798	8,212	8,403	2,542	2,728	2,814	2,885	3,017	3,149	4,095	5,252	5,666	5,848	6,123	6,703	7,304	7,798	51
153	153	142	150	151	158	n.a.	112	117	110	105	105	109	n.a.	264	276	262	272	267	(D)	n.a.	52
1,951	2,092	2,152	2,184	2,327	2,496	n.a.	730	814	865	896	941	981	n.a.	1,783	1,976	2,112	2,166	2,437	2,735	n.a.	53
44	37	34	35	41	41	n.a.	67	70	74	74	(D)	84	n.a.	(D)	(D)	(D)	(D)	(D)	97	n.a.	54
1,444	1,562	1,718	1,802	1,850	1,920	n.a.	291	339	373	413	(D)	506	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.	55
1,315	1,401	1,527	1,630	1,737	1,945	n.a.	555	574	607	611	634	658	n.a.	1,180	1,178	1,024	1,089	1,147	1,177	n.a.	56
1,492	1,675	1,608	1,640	1,692	1,652	n.a.	786	814	783	786	783	810	n.a.	329	356	388	421	434	408	n.a.	57
5,958	6,458	6,878	7,048	7,695	8,250	8,846	1,942	2,092	2,301	2,476	2,714	2,999	3,324	4,616	4,941	5,282	5,515	5,897	6,353	6,972	58
9,418	10,072	10,766	11,270	12,124	12,798	13,653	4,724	4,961	5,353	5,653	6,031	6,420	6,867	7,414	8,002	8,610	9,127	9,714	10,259	10,880	59
5,577	5,876	6,686	7,499	8,520	9,696	10,767	2,257	2,328	2,611	2,981	3,366	3,770	4,156	4,089	4,259	4,759	5,366	6,004	6,749	7,447	60
2,106	2,249	2,416	2,732	3,187	3,754	n.a.	785	800	839	897	992	1,112	n.a.	1,322	1,386	1,463	1,685	1,907	2,163	n.a.	61
3,471	3,627	4,270	4,768	5,333	5,942	n.a.	1,472	1,528	1,772	2,084	2,374	2,658	n.a.	2,767	2,873	3,297	3,681	4,097	4,586	n.a.	62
20,328	21,752	23,629	26,014	28,489	31,310	35,128	8,846	9,551	10,457	11,286	12,217	13,376	14,593	18,549	19,866	22,111	23,666	25,520	27,345	29,344	63
469	497	536	578	628	694	n.a.	391	395	440	449	480	524	n.a.	589	595	791	819	884	938	n.a.	64
929	933	962	982	1,062	1,117	n.a.	417	431	444	458	482	507	n.a.	776	804	829	847	899	938	n.a.	65
214	223	241	245	248	290	n.a.	130	135	144	146	147	171	n.a.	158	164	177	180	181	210	n.a.	66
3,758	4,070	4,665	5,474	6,313	7,293	n.a.	1,440	1,583	1,817	2,028	2,369	2,665	n.a.	2,933	3,231	3,627	3,916	4,429	5,036	n.a.	67
683	742	790	857	908	1,006	n.a.	326	370	389	408	424	493	n.a.	541	591	639	663	698	774	n.a.	68
338	338	394	410	399	435	n.a.	227	219	249	261	276	312	n.a.	257	263	300	328	332	389	n.a.	69
505	538	578	656	795	955	n.a.	281	303	391	398	418	475	n.a.	602	635	765	779	849	944	n.a.	70
110	114	129	138	161	169	n.a.	59	58	66	62	65	75	n.a.	158	167	221	319	309	368	n.a.	71
7,122	7,735	8,319	9,021	9,604	10,047	n.a.	2,660	2,919	3,156	3,435	3,648	3,861	n.a.	7,341	7,749	8,499	9,157	9,662	9,889	n.a.	72
1,122	1,133	1,201	1,309	1,428	1,565	n.a.	703	749	747	867	940	1,104	n.a.	872	882	930	963	1,043	1,114	n.a.	73
876	958	1,042	1,102	1,175	1,284	n.a.	278	299	311	331	349	375	n.a.	705	768	812	858	914	1,006	n.a.	74
778	832	918	1,006	1,115	1,259	n.a.	313	344	384	405	436	463	n.a.	353	405	455	504	572	660	n.a.	75
27	27	30	31	32	35	n.a.	6	8	8	9	11	11	n.a.	25	29	30	31	33	35	n.a.	76
911	995	1,028	1,073	1,111	1,160	n.a.	423	464	480	524	542	564	n.a.	746	826	854	918	954	992	n.a.	77
2,304	2,401	2,563	2,876	3,194	3,675	n.a.	1,083	1,133	1,266	1,361	1,454	1,598	n.a.	2,321	2,559	2,995	3,197	3,532	3,821	n.a.	78
182	216	234	256	317	328	n.a.	110	143	163	144	175	177	n.a.	172	198	187	188	228	230	n.a.	79
19,535	20,301	21,053	22,030	23,200	24,563	25,957	10,338	10,357	10,323	10,656	11,158	11,794	12,708	11,383	12,184	12,504	12,906	12,926	13,361	13,999	80
2,743	2,866	3,004	3,153	3,191	3,318	3,466	1,664	1,602	1,513	1,460	1,544	1,604	1,675	3,013	3,171	3,112	3,211	3,078	3,120	3,276	81
4,190	4,203	4,152	4,385	4,488	4,505	4,552	2,108	1,965	1,704	1,707	1,703	1,766	1,976	609	618	575	566	389	392	441	82
12,602	13,232	13,896	14,492	15,521	16,740	17,938	6,565	6,790	7,106	7,489	7,910	8,424	9,058	7,762	8,395	8,816	9,129	9,458	9,848	10,283	83
4,474	4,609	4,809	4,999	5,271	5,594	n.a.	2,748	2,811	2,916	2,942	2,984	3,125	n.a.	2,524	2,733	2,829	2,886	2,871	2,946	n.a.	84
8,127	8,622	9,087	9,493	10,250	11,145	n.a.	3,817	3,980	4,190	4,547	4,926	5,299	n.a.	5,238	5,661	5,987	6,243	6,587	6,902	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Virginia							West Virginia						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	147,223	154,982	161,442	169,938	180,510	190,528	202,642	30,375	31,666	32,611	33,771	35,233	36,569	37,744
2	Population (thousands) [2]	6,465	6,537	6,601	6,665	6,733	6,789	6,873	1,816	1,818	1,821	1,819	1,816	1,812	1,807
3	Per capita personal income (dollars) [3]	22,773	23,709	24,456	25,495	26,810	28,063	29,484	16,724	17,413	17,913	18,566	19,406	20,185	20,888
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	105,252	110,255	114,656	120,820	129,000	138,258	148,781	19,145	20,210	20,710	21,201	21,924	22,683	23,306
5	Less: Personal contributions for social insurance [4]	6,130	6,552	6,876	7,211	7,716	8,228	8,828	1,235	1,322	1,385	1,409	1,449	1,482	1,513
6	Plus: Adjustment for residence [5]	6,565	6,702	6,929	6,675	7,257	7,118	7,446	91	132	165	190	312	439	538
7	Equals: Net earnings by place of residence	105,687	110,404	114,708	120,283	128,540	137,148	147,398	18,000	19,020	19,489	19,981	20,786	21,639	22,331
8	Plus: Dividends, interest, and rent [6]	26,832	28,996	30,092	31,843	33,488	34,558	35,709	4,945	5,144	5,408	5,788	6,100	6,369	6,618
9	Plus: Transfer payments	14,704	15,582	16,642	17,813	18,482	18,823	19,535	7,430	7,502	7,714	8,001	8,347	8,561	8,794
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	82,743	86,818	90,925	96,389	103,562	111,789	120,876	14,861	15,683	16,267	16,825	17,404	18,032	18,559
11	Other labor income	14,493	15,325	14,905	15,327	15,784	16,279	17,026	2,345	2,515	2,424	2,434	2,478	2,538	2,573
12	Proprietors' income [7]	8,016	8,112	8,826	9,103	9,653	10,190	10,879	1,939	2,012	2,018	1,942	2,041	2,112	2,174
13	Farm	350	460	379	362	219	190	83	35	33	–7	–23	–27	–28	–46
14	Nonfarm	7,666	7,652	8,447	8,741	9,435	10,000	10,796	1,904	1,979	2,025	1,965	2,068	2,140	2,220
	Earnings by Industry														
15	Farm	515	618	546	524	380	373	282	58	55	15	–2	–6	–5	–21
16	Nonfarm	104,737	109,636	114,109	120,296	128,620	137,885	148,499	19,087	20,155	20,694	21,203	21,930	22,687	23,326
17	Private	74,970	78,769	83,390	88,418	95,840	104,271	113,398	15,165	16,010	16,385	16,698	17,239	17,845	18,325
18	Agricultural services, forestry, fishing, and other [8]	524	536	557	584	642	708	793	72	71	73	71	79	88	93
19	Agricultural services	484	502	526	558	612	675	n.a.	71	69	72	72	79	87	n.a.
20	Forestry, fishing, and other [8]	40	34	31	26	30	33	n.a.	1	2	1	–1	(L)	1	n.a.
21	Mining	639	665	659	663	717	720	693	1,437	1,593	1,590	1,518	1,501	1,453	1,312
22	Metal mining	2	1	1	1	3	5	n.a.	2	2	2	2	3	3	n.a.
23	Coal mining	493	487	454	415	429	406	n.a.	1,248	1,397	1,406	1,317	1,274	1,224	n.a.
24	Oil and gas extraction	34	52	75	113	148	167	n.a.	154	159	148	162	188	187	n.a.
25	Nonmetallic minerals, except fuels	110	125	129	133	137	142	n.a.	33	35	34	36	37	39	n.a.
26	Construction	5,754	6,225	6,491	6,880	7,569	7,946	8,639	1,144	1,296	1,217	1,280	1,332	1,344	1,322
27	Manufacturing	14,095	14,625	14,889	15,225	15,868	16,446	16,431	3,139	3,208	3,274	3,314	3,297	3,394	3,458
28	Durable goods	7,112	7,397	7,582	7,726	8,168	8,586	8,443	1,716	1,755	1,804	1,859	1,841	1,879	1,900
29	Lumber and wood products	693	751	725	748	815	879	n.a.	217	238	247	256	285	304	n.a.
30	Furniture and fixtures	480	495	492	493	538	594	n.a.	16	17	16	18	22	22	n.a.
31	Stone, clay, and glass products	372	389	387	400	435	448	n.a.	224	214	205	196	195	207	n.a.
32	Primary metal industries	483	495	464	490	498	494	n.a.	679	675	683	692	625	610	n.a.
33	Fabricated metal products	645	666	718	719	764	772	n.a.	199	214	213	226	236	236	n.a.
34	Industrial machinery and equipment	867	921	957	1,022	1,105	1,164	n.a.	141	159	176	189	200	209	n.a.
35	Electronic and other electric equipment	1,386	1,468	1,571	1,493	1,577	1,667	n.a.	79	75	79	80	76	73	n.a.
36	Motor vehicles and equipment	470	516	565	554	613	665	n.a.	16	16	18	16	16	27	n.a.
37	Other transportation equipment	1,300	1,274	1,271	1,238	1,213	1,253	n.a.	72	75	89	105	106	109	n.a.
38	Instruments and related products	317	310	311	448	474	496	n.a.	55	54	57	60	59	59	n.a.
39	Miscellaneous manufacturing industries	97	113	122	121	136	154	n.a.	18	19	20	21	23	24	n.a.
40	Nondurable goods	6,983	7,228	7,306	7,499	7,700	7,860	7,988	1,423	1,453	1,470	1,455	1,456	1,514	1,557
41	Food and kindred products	1,034	1,093	1,093	1,129	1,184	1,275	n.a.	113	119	116	119	125	122	n.a.
42	Tobacco products	672	639	688	705	700	(D)	n.a.	7	7	7	(D)	(D)	(D)	n.a.
43	Textile mill products	902	910	899	889	920	886	n.a.	20	22	23	23	26	22	n.a.
44	Apparel and other textile products	397	390	360	338	328	303	n.a.	37	36	37	31	27	25	n.a.
45	Paper and allied products	717	760	800	824	890	881	n.a.	30	31	37	40	36	40	n.a.
46	Printing and publishing	1,360	1,521	1,530	1,621	1,619	1,706	n.a.	138	141	140	135	136	154	n.a.
47	Chemicals and allied products	1,196	1,157	1,138	1,177	1,213	1,253	n.a.	956	978	1,009	998	992	1,012	n.a.
48	Petroleum and coal products	33	33	29	26	27	27	n.a.	25	26	24	25	24	27	n.a.
49	Rubber and miscellaneous plastics products	651	705	750	772	807	859	n.a.	76	73	65	65	70	95	n.a.
50	Leather and leather products	22	20	19	18	12	(D)	n.a.	23	20	12	(D)	(D)	(D)	n.a.
51	Transportation and public utilities	6,537	6,843	7,069	7,700	8,354	9,376	9,838	1,583	1,673	1,679	1,660	1,674	1,726	1,686
52	Railroad transportation	429	413	406	410	406	426	n.a.	208	193	188	189	183	196	n.a.
53	Trucking and warehousing	1,160	1,252	1,314	1,372	1,481	1,613	n.a.	355	395	395	401	419	430	n.a.
54	Water transportation	191	197	196	214	214	277	n.a.	37	39	37	38	39	40	n.a.
55	Other transportation	1,414	1,517	1,550	1,648	1,807	1,994	n.a.	102	115	127	118	124	128	n.a.
56	Communications	2,175	2,205	2,347	2,762	3,146	3,699	n.a.	283	305	309	318	320	334	n.a.
57	Electric, gas, and sanitary services	1,169	1,259	1,256	1,294	1,301	1,367	n.a.	597	626	624	597	589	597	n.a.
58	Wholesale trade	5,172	5,504	5,896	6,235	6,594	7,029	7,857	902	938	959	998	1,058	1,083	1,136
59	Retail trade	8,684	9,227	9,642	10,023	10,597	11,222	12,026	1,773	1,863	1,937	1,972	2,066	2,154	2,237
60	Finance, insurance, and real estate	6,816	6,940	7,344	7,840	8,905	9,967	11,182	745	760	804	829	886	932	1,027
61	Depository and nondepository institutions	2,401	2,501	2,526	2,694	3,115	3,585	n.a.	304	307	302	303	319	348	n.a.
62	Other finance, insurance, and real estate	4,415	4,439	4,817	5,145	5,790	6,382	n.a.	441	453	502	527	567	585	n.a.
63	Services	26,749	28,203	30,843	33,269	36,594	40,857	45,940	4,370	4,608	4,852	5,056	5,346	5,671	6,053
64	Hotels and other lodging places	773	789	832	853	900	955	n.a.	135	136	145	149	156	168	n.a.
65	Personal services	926	951	991	981	1,039	1,098	n.a.	182	178	183	180	191	195	n.a.
66	Private households	312	324	347	352	354	410	n.a.	41	42	45	45	45	51	n.a.
67	Business services	5,993	6,357	7,299	8,280	10,058	12,425	n.a.	417	449	491	535	591	655	n.a.
68	Auto repair, services, and parking	676	749	779	812	868	948	n.a.	111	126	126	131	136	151	n.a.
69	Miscellaneous repair services	303	303	331	350	353	390	n.a.	92	95	98	103	104	111	n.a.
70	Amusement and recreation services	532	548	593	619	662	751	n.a.	75	77	89	87	95	105	n.a.
71	Motion pictures	141	146	183	168	193	204	n.a.	21	20	23	21	20	21	n.a.
72	Health services	6,920	7,215	7,645	8,062	8,396	8,802	n.a.	2,067	2,165	2,271	2,398	2,524	2,631	n.a.
73	Legal services	1,452	1,486	1,532	1,594	1,707	1,826	n.a.	362	379	404	381	406	430	n.a.
74	Educational services	803	899	989	1,052	1,140	1,186	n.a.	109	123	133	140	147	153	n.a.
75	Social services	717	757	849	893	999	1,079	n.a.	208	236	249	254	274	306	n.a.
76	Museums, botanical, zoological gardens	68	75	76	79	82	87	n.a.	2	2	2	2	2	2	n.a.
77	Membership organizations	1,326	1,495	1,556	1,701	1,762	1,879	n.a.	150	156	159	163	168	173	n.a.
78	Engineering and management services	5,456	5,748	6,395	6,881	7,360	8,077	n.a.	354	377	391	430	444	474	n.a.
79	Miscellaneous services	349	360	447	593	721	738	n.a.	44	45	43	37	44	45	n.a.
80	Government and government enterprises	29,767	30,867	30,719	31,878	32,780	33,614	35,101	3,922	4,145	4,309	4,505	4,692	4,842	5,002
81	Federal, civilian	10,126	10,456	10,055	10,532	10,727	10,782	11,136	869	927	986	1,063	1,166	1,204	1,216
82	Military	7,951	7,958	7,744	8,043	7,987	7,818	7,993	125	130	131	139	143	145	147
83	State and local	11,690	12,453	12,920	13,304	14,066	15,013	15,972	2,927	3,088	3,192	3,303	3,383	3,493	3,639
84	State	3,949	4,224	4,292	4,372	4,628	4,929	n.a.	1,097	1,177	1,233	1,274	1,268	1,320	n.a.
85	Local	7,741	8,229	8,628	8,932	9,437	10,084	n.a.	1,831	1,911	1,960	2,029	2,114	2,173	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Southwest							Arizona							New Mexico							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
517,898	550,067	586,017	624,034	673,287	723,099	767,549	74,900	82,014	88,870	95,787	103,968	112,974	120,923	27,819	29,670	31,716	33,232	34,955	36,688	38,386	1
26,834	27,385	27,935	28,434	28,945	29,453	29,920	3,993	4,148	4,307	4,432	4,552	4,667	4,778	1,615	1,653	1,682	1,706	1,723	1,734	1,740	2
19,300	20,086	20,978	21,946	23,261	24,551	25,653	18,756	19,774	20,634	21,611	22,839	24,206	25,307	17,226	17,946	18,852	19,478	20,288	21,164	22,063	3
383,890	406,229	430,820	459,386	499,983	543,885	580,493	51,170	55,942	61,136	66,330	71,976	79,155	85,426	19,792	20,955	22,146	22,809	24,058	25,320	26,414	4
21,849	23,648	25,449	27,037	29,328	31,621	33,304	3,151	3,508	3,850	4,146	4,495	4,883	5,225	1,109	1,211	1,311	1,349	1,418	1,480	1,527	5
367	381	360	354	336	346	384	252	259	273	299	326	364	397	61	72	74	82	89	94	110	6
362,408	382,963	405,731	432,703	470,991	512,610	547,573	48,272	52,693	57,559	62,482	67,807	74,636	80,598	18,744	19,816	20,909	21,541	22,729	23,934	24,997	7
85,897	92,708	99,555	105,799	112,437	118,793	124,387	14,954	16,779	17,958	19,232	21,342	23,077	24,430	5,005	5,464	5,936	6,426	6,808	7,161	7,519	8
69,592	74,396	80,731	85,532	89,859	91,695	95,590	11,674	12,542	13,353	14,073	14,819	15,261	15,895	4,069	4,390	4,870	5,264	5,418	5,593	5,869	9
284,214	300,957	322,779	346,314	378,364	414,743	440,804	40,007	43,960	48,333	52,962	57,865	63,992	69,144	14,796	15,885	17,066	17,696	18,674	19,705	20,491	10
43,155	46,023	45,563	45,842	47,474	49,841	51,642	5,577	6,194	6,313	6,603	6,802	7,158	7,531	2,579	2,750	2,747	2,769	2,786	2,840	2,878	11
56,520	59,249	62,478	67,230	74,145	79,300	88,046	5,586	5,788	6,490	6,765	7,309	8,005	8,751	2,417	2,319	2,334	2,344	2,598	2,775	3,045	12
4,841	3,807	2,623	2,077	3,042	3,142	5,472	608	272	486	372	332	486	531	425	318	233	238	352	430	581	13
51,680	55,441	59,855	65,154	71,103	76,158	82,574	4,978	5,516	6,004	6,393	6,978	7,518	8,220	1,993	2,001	2,100	2,106	2,246	2,345	2,465	14
5,978	4,971	3,950	3,396	4,462	4,570	7,008	795	517	754	642	648	801	878	533	457	383	386	523	600	767	15
377,912	401,258	426,869	455,990	495,521	539,314	573,484	50,375	55,425	60,382	65,687	71,328	78,354	84,548	19,259	20,498	21,764	22,424	23,535	24,720	25,647	16
306,917	327,263	349,819	375,913	412,113	451,980	482,144	40,727	45,178	49,638	54,299	59,403	65,769	71,405	13,565	14,531	15,472	15,973	16,885	17,825	18,643	17
2,580	2,485	2,661	2,689	2,986	3,311	3,768	478	494	537	577	630	711	793	130	126	138	141	155	164	179	18
2,458	2,365	2,545	2,585	2,871	3,185	n.a.	473	489	532	572	626	706	n.a.	127	124	135	139	153	163	n.a.	19
122	120	116	104	115	126	n.a.	5	6	5	6	4	5	n.a.	2	2	2	2	2	2	n.a.	20
16,244	16,959	17,561	18,657	21,856	23,139	21,988	594	580	668	800	739	689	640	699	720	737	757	830	807	750	21
573	570	669	813	758	682	n.a.	492	468	550	677	610	560	n.a.	63	83	93	108	120	103	n.a.	22
428	422	419	407	420	(D)	n.a.	59	62	64	64	66	(D)	n.a.	123	125	124	113	121	122	n.a.	23
14,859	15,549	16,057	17,021	20,255	(D)	n.a.	15	17	16	18	22	(D)	n.a.	415	427	435	446	503	502	n.a.	24
384	418	417	416	424	457	n.a.	28	33	38	41	41	37	n.a.	97	86	84	89	86	79	n.a.	25
21,419	24,398	26,453	29,165	31,129	34,627	37,398	3,111	3,897	4,467	4,833	5,188	5,825	6,423	1,215	1,472	1,577	1,540	1,586	1,656	1,660	26
55,198	59,123	61,927	64,091	69,085	75,462	75,937	7,054	7,863	8,302	8,774	9,634	10,710	10,802	1,401	1,565	1,601	1,681	1,820	1,852	1,829	27
33,690	36,527	38,651	40,289	44,073	49,368	49,575	5,576	6,265	6,650	7,023	7,813	8,784	8,890	990	1,129	1,157	1,216	1,355	1,356	1,354	28
1,348	1,550	1,636	1,782	1,897	2,146	n.a.	178	220	222	246	252	279	n.a.	53	55	58	54	53	54	n.a.	29
616	668	692	708	804	858	n.a.	83	100	107	113	135	154	n.a.	16	19	17	16	19	20	n.a.	30
1,773	1,961	2,062	2,187	2,308	2,503	n.a.	199	256	277	302	334	363	n.a.	72	82	89	96	96	105	n.a.	31
1,811	1,897	1,847	1,848	1,930	1,993	n.a.	313	363	352	304	306	317	n.a.	58	67	68	65	65	63	n.a.	32
3,918	4,218	4,604	4,907	5,356	5,798	n.a.	327	378	411	443	481	532	n.a.	41	45	48	47	53	58	n.a.	33
6,912	7,637	8,100	8,453	9,424	11,168	n.a.	555	551	545	576	647	664	n.a.	83	91	65	78	85	95	n.a.	34
7,321	8,149	9,066	9,940	11,167	12,723	n.a.	1,853	2,109	2,322	2,503	2,889	3,349	n.a.	318	418	482	514	605	581	n.a.	35
1,608	2,132	2,368	1,515	1,595	1,714	n.a.	145	199	240	236	251	282	n.a.	53	52	41	45	51	52	n.a.	36
4,991	4,759	4,737	4,947	5,464	6,003	n.a.	1,197	1,370	1,447	1,540	1,702	1,875	n.a.	97	96	92	93	103	84	n.a.	37
2,543	2,515	2,540	2,924	2,964	3,213	n.a.	603	590	585	613	663	783	n.a.	128	128	122	127	145	163	n.a.	38
849	1,040	999	1,079	1,163	1,249	n.a.	124	131	143	147	153	185	n.a.	69	76	76	82	80	80	n.a.	39
21,508	22,596	23,276	23,802	25,013	26,093	26,362	1,479	1,597	1,651	1,751	1,821	1,926	1,913	411	437	444	465	466	496	476	40
3,660	3,728	3,843	4,005	4,337	4,638	n.a.	289	313	317	347	369	376	n.a.	94	100	102	118	130	130	n.a.	41
4	5	4	5	6	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	(L)	(L)	(L)	(D)	(D)	(L)	n.a.	42
155	149	157	163	175	(D)	n.a.	21	21	22	(D)	(D)	29	n.a.	16	15	15	15	14	11	n.a.	43
1,483	1,557	1,531	1,492	1,510	1,519	n.a.	75	74	66	65	67	70	n.a.	43	40	39	40	40	59	n.a.	44
1,265	1,357	1,389	1,489	1,571	1,617	n.a.	78	81	82	88	102	103	n.a.	6	9	9	13	17	23	n.a.	45
3,503	3,692	3,715	3,863	4,024	4,312	n.a.	572	624	652	692	686	707	n.a.	167	179	183	184	165	177	n.a.	46
6,785	7,248	7,843	7,913	8,185	8,371	n.a.	248	247	273	292	293	339	n.a.	23	29	32	31	34	35	n.a.	47
2,400	2,441	2,262	2,223	2,349	2,419	n.a.	6	5	6	(D)	(D)	8	n.a.	39	39	38	(D)	(D)	44	n.a.	48
2,042	2,206	2,324	2,450	2,663	2,838	n.a.	180	220	225	224	255	285	n.a.	16	19	21	23	23	15	n.a.	49
212	212	208	200	193	198	n.a.	11	12	9	(D)	(D)	8	n.a.	7	7	6	(D)	(D)	2	n.a.	50
31,324	32,838	34,521	37,762	41,319	44,676	47,653	3,054	3,390	3,615	3,847	4,135	4,493	4,691	1,207	1,237	1,255	1,294	1,369	1,465	1,513	51
1,255	1,247	1,288	1,340	1,442	1,510	n.a.	133	131	138	150	164	172	n.a.	106	105	105	114	122	(D)	n.a.	52
5,302	5,790	6,088	6,370	7,026	7,664	n.a.	568	635	684	731	801	865	n.a.	268	272	286	283	310	326	n.a.	53
590	631	605	636	673	769	n.a.	4	5	4	7	7	8	n.a.	1	1	1	1	1	(D)	n.a.	54
8,545	9,164	9,594	10,598	11,253	12,322	n.a.	936	1,069	1,171	1,250	1,340	1,487	n.a.	217	236	244	241	245	280	n.a.	55
6,887	7,334	8,118	9,306	10,742	11,851	n.a.	703	813	870	936	1,011	1,131	n.a.	235	245	254	279	296	329	n.a.	56
8,746	8,673	8,829	9,511	10,183	10,560	n.a.	710	737	747	774	811	830	n.a.	382	380	365	376	394	400	n.a.	57
23,183	24,730	26,547	28,673	31,828	35,787	38,923	2,819	3,186	3,512	4,010	4,459	4,963	5,340	783	843	891	912	975	1,022	1,068	58
36,049	38,942	41,684	43,962	46,801	50,245	53,914	5,461	6,124	6,536	7,116	7,626	8,217	8,830	2,062	2,195	2,340	2,421	2,549	2,672	2,776	59
25,950	27,191	29,286	31,788	35,799	40,177	43,951	4,278	4,573	5,235	5,858	6,666	7,501	8,379	931	974	1,067	1,122	1,218	1,309	1,441	60
7,372	7,691	7,848	8,692	9,843	11,238	n.a.	1,375	1,475	1,571	1,816	1,995	2,385	n.a.	317	333	340	375	412	448	n.a.	61
18,578	19,500	21,438	23,096	25,957	28,939	n.a.	2,903	3,098	3,664	4,042	4,671	5,116	n.a.	614	641	727	747	806	861	n.a.	62
94,970	100,596	109,180	119,126	131,308	144,557	158,613	13,879	15,071	16,767	18,484	20,326	22,660	25,506	5,136	5,397	5,867	6,106	6,383	6,878	7,427	63
2,665	2,726	3,076	3,342	3,538	3,907	n.a.	778	789	858	927	1,015	1,119	n.a.	200	207	219	230	236	249	n.a.	64
3,723	3,768	3,867	4,009	4,271	4,551	n.a.	539	588	601	625	670	716	n.a.	176	176	182	188	199	200	n.a.	65
1,173	1,227	1,328	1,355	1,372	1,605	n.a.	124	132	145	150	153	180	n.a.	51	54	58	59	59	68	n.a.	66
18,200	19,895	22,738	26,045	30,985	35,609	n.a.	2,493	2,815	3,303	3,920	4,663	5,397	n.a.	751	755	858	864	939	1,051	n.a.	67
3,300	3,627	3,844	4,020	4,281	4,788	n.a.	562	635	688	726	770	869	n.a.	162	177	189	195	203	218	n.a.	68
1,552	1,597	1,758	1,846	1,967	2,241	n.a.	209	266	262	275	286	329	n.a.	70	76	91	96	97	99	n.a.	69
2,336	2,513	2,849	3,081	3,273	3,636	n.a.	449	527	625	706	772	893	n.a.	108	112	141	149	161	201	n.a.	70
819	875	1,019	1,003	1,009	1,164	n.a.	90	89	111	108	111	149	n.a.	31	40	42	33	37	35	n.a.	71
29,705	31,405	33,478	36,596	38,795	40,772	n.a.	4,665	4,927	5,235	5,618	5,899	6,302	n.a.	1,403	1,476	1,620	1,785	1,886	2,064	n.a.	72
8,409	8,467	8,608	8,819	9,344	10,203	n.a.	974	1,002	1,027	1,034	1,120	1,184	n.a.	295	301	319	310	325	341	n.a.	73
2,430	2,591	2,808	3,007	3,228	3,554	n.a.	306	328	362	442	494	586	n.a.	115	126	139	150	157	169	n.a.	74
2,445	2,674	2,909	3,105	3,427	3,811	n.a.	479	538	589	648	689	761	n.a.	181	193	223	243	248	268	n.a.	75
92	105	110	121	138	151	n.a.	20	22	23	25	30	31	n.a.	2	3	3	3	5	5	n.a.	76
3,683	3,992	4,078	4,279	4,469	4,712	n.a.	569	625	653	721	761	811	n.a.	214	231	238	248	256	279	n.a.	77
12,941	13,427	14,928	16,240	18,447	20,897	n.a.	1,513	1,656	2,122	2,349	2,640	3,071	n.a.	1,309	1,402	1,468	1,483	1,498	1,549	n.a.	78
1,495	1,708	1,782	2,257	2,764	2,953	n.a.	109	134	162	209	254	263	n.a.	70	68	78	68	77	80	n.a.	79
70,995	73,995	77,051	80,077	83,408	87,335	91,340	9,648	10,247	10,744	11,388	11,925	12,585	13,143	5,694	5,967	6,292	6,451	6,651	6,895	7,004	80
15,559	15,932	16,146	16,445	17,069	17,780	18,776	2,155	2,232	2,277	2,317	2,435	2,553	2,795	1,539	1,619	1,633	1,649	1,677	1,752	1,810	81
8,512	8,613	8,897	9,277	9,311	9,290	9,300	998	1,035	1,093	1,145	1,169	1,158	1,166	725	717	762	791	752	715	680	82
46,924	49,450	52,007	54,355	57,029	60,264	63,264	6,495	6,979	7,374	7,926	8,322	8,874	9,182	3,431	3,631	3,897	4,011	4,222	4,428	4,514	83
13,727	14,277	14,986	15,643	16,474	17,277	n.a.	1,752	1,894	2,004	2,172	2,296	2,495	n.a.	1,645	1,723	1,849	1,882	2,050	2,192	n.a.	84
33,196	35,172	37,021	38,712	40,555	42,987	n.a.	4,742	5,086	5,370	5,754	6,026	6,379	n.a.	1,785	1,908	2,048	2,128	2,171	2,236	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Oklahoma							Texas						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	58,395	60,800	63,333	66,289	69,865	73,350	76,566	356,784	377,583	402,097	428,726	464,500	500,087	531,675
2	Population (thousands) [2]	3,229	3,246	3,266	3,290	3,314	3,339	3,358	17,997	18,338	18,680	19,006	19,355	19,712	20,044
3	Per capita personal income (dollars) [3]	18,085	18,730	19,394	20,151	21,080	21,964	22,801	19,825	20,590	21,526	22,557	23,998	25,369	26,525
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	41,071	42,403	43,409	45,321	48,258	51,096	53,375	271,857	286,929	304,128	324,926	355,691	388,314	415,277
5	Less: Personal contributions for social insurance [4]	2,390	2,526	2,632	2,736	2,887	3,033	3,131	15,198	16,402	17,656	18,805	20,528	22,225	23,420
6	Plus: Adjustment for residence [5]	650	699	727	745	807	836	893	–597	–648	–714	–771	–887	–947	–1,016
7	Equals: Net earnings by place of residence	39,331	40,575	41,505	43,330	46,178	48,899	51,137	256,061	269,878	285,758	305,349	334,277	365,141	390,840
8	Plus: Dividends, interest, and rent [6]	9,993	10,624	11,364	11,992	12,437	13,005	13,549	55,945	59,840	64,296	68,149	71,851	75,550	78,888
9	Plus: Transfer payments	9,070	9,600	10,464	10,967	11,250	11,445	11,880	44,778	47,864	52,043	55,228	58,372	59,396	61,946
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	29,347	30,313	31,588	33,345	35,419	37,773	39,342	200,065	210,800	225,793	242,310	266,406	293,273	311,827
11	Other labor income	5,177	5,494	5,440	5,283	5,425	5,598	5,705	29,823	31,586	31,063	31,186	32,462	34,246	35,528
12	Proprietors' income [7]	6,548	6,597	6,382	6,693	7,413	7,725	8,329	41,969	44,544	47,273	51,429	56,824	60,795	67,921
13	Farm	745	726	171	229	535	480	631	3,063	2,491	1,733	1,238	1,823	1,745	3,729
14	Nonfarm	5,803	5,871	6,211	6,463	6,878	7,245	7,697	38,905	42,053	45,540	50,192	55,000	59,050	64,192
	Earnings by Industry														
15	Farm	888	862	334	395	712	658	824	3,762	3,135	2,479	1,972	2,579	2,511	4,539
16	Nonfarm	40,183	41,541	43,075	44,926	47,546	50,438	52,551	268,095	283,794	301,649	322,953	353,112	385,802	410,738
17	Private	31,059	32,325	33,577	35,056	37,407	39,984	41,602	221,567	235,229	251,132	270,584	298,419	328,402	350,494
18	Agricultural services, forestry, fishing, and other [8]	235	226	233	217	234	253	289	1,738	1,638	1,753	1,753	1,966	2,183	2,507
19	Agricultural services	231	222	230	215	231	249	n.a.	1,627	1,530	1,648	1,659	1,860	2,066	n.a.
20	Forestry, fishing, and other [8]	4	4	3	2	3	3	n.a.	110	108	105	94	106	116	n.a.
21	Mining	2,309	2,249	2,153	2,279	2,554	2,605	2,516	12,642	13,409	14,003	14,822	17,733	19,037	18,082
22	Metal mining	4	3	2	3	3	2	n.a.	13	16	23	25	25	16	n.a.
23	Coal mining	37	32	28	31	30	28	n.a.	209	203	202	199	203	207	n.a.
24	Oil and gas extraction	2,221	2,161	2,068	2,192	2,467	2,513	n.a.	12,208	12,945	13,538	14,365	17,263	18,535	n.a.
25	Nonmetallic minerals, except fuels	47	54	54	53	55	62	n.a.	212	246	240	233	241	279	n.a.
26	Construction	1,723	1,963	2,000	2,204	2,282	2,495	2,780	15,370	17,066	18,409	20,587	22,074	24,651	26,535
27	Manufacturing	6,931	7,335	7,500	7,315	7,725	8,152	8,168	39,812	42,360	44,524	46,321	49,907	54,748	55,138
28	Durable goods	4,181	4,460	4,540	4,300	4,567	4,848	4,824	22,943	24,673	26,303	27,750	30,338	34,380	34,508
29	Lumber and wood products	93	106	116	123	128	138	n.a.	1,024	1,169	1,240	1,360	1,464	1,674	n.a.
30	Furniture and fixtures	65	69	71	73	75	78	n.a.	451	480	498	507	575	606	n.a.
31	Stone, clay, and glass products	313	327	325	323	325	351	n.a.	1,189	1,296	1,371	1,466	1,553	1,684	n.a.
32	Primary metal industries	175	181	173	182	182	188	n.a.	1,265	1,287	1,254	1,298	1,377	1,425	n.a.
33	Fabricated metal products	684	694	752	791	843	898	n.a.	2,866	3,100	3,393	3,626	3,979	4,310	n.a.
34	Industrial machinery and equipment	1,150	1,218	1,166	1,247	1,343	1,420	n.a.	5,124	5,778	6,323	6,551	7,349	8,988	n.a.
35	Electronic and other electric equipment	305	332	316	341	405	454	n.a.	4,845	5,291	5,946	6,583	7,268	8,339	n.a.
36	Motor vehicles and equipment	659	886	987	555	547	537	n.a.	751	995	1,101	679	746	842	n.a.
37	Other transportation equipment	476	374	361	376	421	463	n.a.	3,221	2,919	2,837	2,938	3,238	3,582	n.a.
38	Instruments and related products	171	170	161	165	168	181	n.a.	1,641	1,627	1,673	2,019	1,987	2,085	n.a.
39	Miscellaneous manufacturing industries	89	104	112	126	128	139	n.a.	567	730	668	724	802	845	n.a.
40	Nondurable goods	2,750	2,875	2,960	3,014	3,158	3,304	3,344	16,869	17,687	18,221	18,571	19,569	20,368	20,630
41	Food and kindred products	425	440	423	476	535	590	n.a.	2,852	2,876	3,001	3,064	3,303	3,541	n.a.
42	Tobacco products	(L)	(L)	0	(D)	(D)	0	n.a.	4	5	4	5	6	(D)	n.a.
43	Textile mill products	14	15	15	(D)	(D)	15	n.a.	104	98	105	103	115	(D)	n.a.
44	Apparel and other textile products	120	122	120	126	126	121	n.a.	1,244	1,320	1,306	1,261	1,277	1,269	n.a.
45	Paper and allied products	145	151	154	178	184	195	n.a.	1,036	1,116	1,146	1,211	1,268	1,296	n.a.
46	Printing and publishing	317	336	319	327	350	366	n.a.	2,447	2,553	2,561	2,660	2,822	3,063	n.a.
47	Chemicals and allied products	893	977	1,137	1,081	1,085	1,087	n.a.	5,621	5,995	6,401	6,510	6,772	6,910	n.a.
48	Petroleum and coal products	365	345	302	290	299	336	n.a.	1,991	2,051	1,917	1,888	2,001	2,031	n.a.
49	Rubber and miscellaneous plastics products	462	478	478	510	552	581	n.a.	1,385	1,490	1,601	1,694	1,834	1,957	n.a.
50	Leather and leather products	9	10	13	11	12	12	n.a.	185	184	180	176	171	176	n.a.
51	Transportation and public utilities	3,367	3,360	3,446	3,733	3,901	4,158	4,150	23,697	24,850	26,205	28,888	31,915	34,560	37,299
52	Railroad transportation	100	98	95	105	107	(D)	n.a.	916	913	949	970	1,049	1,098	n.a.
53	Trucking and warehousing	695	770	797	843	898	958	n.a.	3,772	4,113	4,320	4,513	5,017	5,514	n.a.
54	Water transportation	5	6	6	6	6	(D)	n.a.	580	619	594	622	659	752	n.a.
55	Other transportation	964	910	941	971	975	1,043	n.a.	6,429	6,950	7,237	8,137	8,693	9,511	n.a.
56	Communications	581	636	657	772	872	962	n.a.	5,367	5,640	6,336	7,319	8,562	9,429	n.a.
57	Electric, gas, and sanitary services	1,022	941	950	1,036	1,042	1,074	n.a.	6,633	6,615	6,768	7,326	7,936	8,256	n.a.
58	Wholesale trade	1,923	1,995	2,124	2,213	2,345	2,519	2,648	17,658	18,707	20,020	21,538	24,050	27,282	29,867
59	Retail trade	3,795	3,978	4,182	4,381	4,584	4,826	5,099	24,732	26,645	28,628	30,044	32,043	34,531	37,208
60	Finance, insurance, and real estate	2,031	2,085	2,141	2,302	2,517	2,701	2,888	18,711	19,559	20,843	22,506	25,399	28,665	31,243
61	Depository and nondepository institutions	717	729	717	768	858	913	n.a.	4,963	5,155	5,220	5,733	6,578	7,491	n.a.
62	Other finance, insurance, and real estate	1,314	1,357	1,423	1,534	1,659	1,788	n.a.	13,748	14,405	15,623	16,773	18,821	21,175	n.a.
63	Services	8,746	9,133	9,799	10,412	11,266	12,276	13,064	67,208	70,995	76,747	84,125	93,332	102,743	112,615
64	Hotels and other lodging places	136	139	152	153	156	165	n.a.	1,552	1,591	1,847	2,032	2,130	2,373	n.a.
65	Personal services	398	401	404	411	431	449	n.a.	2,610	2,603	2,680	2,785	2,971	3,187	n.a.
66	Private households	105	108	115	117	117	135	n.a.	893	934	1,009	1,030	1,043	1,221	n.a.
67	Business services	1,379	1,479	1,672	1,844	2,241	2,588	n.a.	13,578	14,845	16,905	19,416	23,143	26,572	n.a.
68	Auto repair, services, and parking	401	437	460	496	527	582	n.a.	2,176	2,378	2,507	2,603	2,782	3,120	n.a.
69	Miscellaneous repair services	163	159	177	173	172	196	n.a.	1,110	1,097	1,228	1,302	1,412	1,617	n.a.
70	Amusement and recreation services	183	194	210	211	216	242	n.a.	1,595	1,680	1,873	2,015	2,124	2,300	n.a.
71	Motion pictures	49	46	75	55	54	59	n.a.	649	700	791	807	807	921	n.a.
72	Health services	3,172	3,350	3,572	3,854	4,000	4,237	n.a.	20,465	21,651	23,051	25,339	27,009	28,169	n.a.
73	Legal services	706	682	665	673	703	758	n.a.	6,434	6,482	6,598	6,803	7,196	7,920	n.a.
74	Educational services	248	261	282	297	313	327	n.a.	1,762	1,877	2,026	2,118	2,264	2,472	n.a.
75	Social services	330	340	369	400	432	473	n.a.	1,455	1,603	1,728	1,814	2,059	2,310	n.a.
76	Museums, botanical, zoological gardens	6	6	6	7	7	8	n.a.	64	75	77	85	96	107	n.a.
77	Membership organizations	526	580	590	615	657	696	n.a.	2,374	2,556	2,597	2,694	2,794	2,926	n.a.
78	Engineering and management services	796	808	902	944	1,050	1,166	n.a.	9,323	9,561	10,436	11,463	13,259	15,112	n.a.
79	Miscellaneous services	147	144	147	161	190	194	n.a.	1,168	1,363	1,395	1,819	2,243	2,417	n.a.
80	Government and government enterprises	9,125	9,216	9,498	9,869	10,139	10,454	10,950	46,528	48,565	50,517	52,369	54,693	57,401	60,243
81	Federal, civilian	2,338	2,270	2,330	2,434	2,502	2,588	2,729	9,528	9,811	9,906	10,045	10,454	10,887	11,442
82	Military	1,323	1,273	1,345	1,427	1,399	1,395	1,373	5,467	5,588	5,697	5,915	5,991	6,023	6,081
83	State and local	5,464	5,674	5,823	6,009	6,238	6,471	6,848	31,534	33,165	34,914	36,410	38,247	40,491	42,720
84	State	2,013	2,051	2,091	2,151	2,252	2,263	n.a.	8,317	8,609	9,042	9,437	9,876	10,328	n.a.
85	Local	3,451	3,622	3,732	3,857	3,986	4,208	n.a.	23,217	24,556	25,872	26,972	28,371	30,163	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Rocky Mountain							Colorado							Idaho							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
156,962	167,291	179,684	192,141	207,455	223,280	239,750	80,212	85,860	92,947	100,012	109,228	119,044	128,489	20,105	21,399	22,869	24,173	25,440	27,177	29,346	1
7,847	8,050	8,227	8,379	8,526	8,660	8,800	3,561	3,654	3,738	3,813	3,891	3,969	4,056	1,101	1,135	1,165	1,188	1,211	1,231	1,252	2
20,003	20,782	21,841	22,930	24,332	25,783	27,244	22,526	23,498	24,865	26,231	28,070	29,994	31,678	18,258	18,846	19,630	20,353	21,013	22,079	23,445	3
116,438	123,392	131,583	140,581	151,728	164,535	178,155	60,643	64,425	69,305	74,738	81,826	90,240	98,325	14,560	15,393	16,199	16,966	17,685	18,941	20,678	4
6,570	7,155	7,680	8,156	8,780	9,436	10,121	3,318	3,617	3,904	4,181	4,546	4,984	5,399	817	900	949	987	1,044	1,097	1,180	5
262	287	322	367	399	433	460	93	97	104	106	110	111	109	182	204	230	260	293	322	344	6
110,130	116,524	124,225	132,791	143,347	155,533	168,494	57,417	60,906	65,505	70,664	77,390	85,367	93,035	13,926	14,697	15,480	16,238	16,935	18,166	19,841	7
28,208	31,334	34,274	36,959	40,848	43,702	46,180	14,281	16,028	17,572	18,976	21,047	22,578	23,881	3,554	3,925	4,377	4,650	5,109	5,460	5,779	8
18,623	19,433	21,184	22,391	23,260	24,046	25,076	8,515	8,926	9,870	10,373	10,792	11,098	11,573	2,626	2,777	3,012	3,285	3,395	3,552	3,726	9
86,399	92,829	99,997	107,532	116,559	127,091	137,513	45,778	48,992	52,874	57,205	62,545	69,535	75,956	9,991	10,916	11,725	12,316	13,120	13,966	15,136	10
13,551	14,415	14,341	14,634	15,661	16,319	17,069	7,059	7,475	7,394	7,560	8,477	8,926	9,346	1,591	1,725	1,714	1,728	1,750	1,799	1,903	11
16,489	16,148	17,245	18,415	19,509	21,125	23,573	7,806	7,959	9,037	9,974	10,804	11,780	13,023	2,978	2,752	2,760	2,922	2,815	3,176	3,639	12
2,576	1,014	1,047	1,140	782	1,111	1,937	637	219	230	328	265	390	629	839	409	496	584	311	531	807	13
13,912	15,134	16,197	17,274	18,726	20,014	21,636	7,168	7,740	8,807	9,646	10,539	11,390	12,394	2,139	2,342	2,264	2,337	2,504	2,645	2,832	14
3,227	1,835	1,919	1,990	1,760	2,082	2,991	842	482	512	610	600	720	990	1,065	694	796	876	648	867	1,171	15
113,211	121,557	129,665	138,591	149,968	162,453	175,164	59,801	63,943	68,792	74,128	81,226	89,521	97,335	13,495	14,699	15,403	16,090	17,037	18,074	19,506	16
89,770	97,251	104,418	112,382	122,219	133,533	144,940	48,085	51,841	56,278	61,219	67,302	75,042	82,264	10,798	11,853	12,433	12,951	13,757	14,625	15,841	17
818	818	843	894	999	(D)	(D)	373	390	414	449	507	580	677	199	199	200	204	227	(D)	(D)	18
778	778	806	856	961	(D)	n.a.	369	386	411	447	505	576	n.a.	181	183	187	193	215	(D)	n.a.	19
40	39	37	37	38	43	n.a.	3	3	3	1	2	3	n.a.	17	16	13	11	12	14	n.a.	20
3,133	3,328	3,378	3,319	3,725	(D)	(D)	1,286	1,385	1,435	1,458	1,680	1,771	1,692	121	151	145	158	159	(D)	(D)	21
507	478	550	559	568	554	n.a.	188	141	161	177	188	189	n.a.	48	57	75	84	84	82	n.a.	22
652	665	681	679	711	719	n.a.	187	196	200	190	197	207	n.a.	3	5	7	5	(D)	6	n.a.	23
1,586	1,758	1,729	1,698	2,044	(D)	n.a.	863	987	1,007	1,027	1,225	1,293	n.a.	3	4	3	2	(D)	(D)	n.a.	24
388	426	418	382	402	419	n.a.	49	60	67	65	71	83	n.a.	67	85	61	67	67	70	n.a.	25
7,627	8,940	9,408	10,354	11,228	12,531	13,820	3,919	4,508	4,659	5,232	5,714	6,655	7,434	1,150	1,342	1,383	1,426	1,499	1,553	1,691	26
14,528	15,399	16,192	17,186	18,333	19,506	20,188	7,368	7,578	7,990	8,533	9,170	9,915	10,291	2,514	2,850	2,928	2,938	3,094	3,242	3,475	27
9,475	10,193	10,937	11,706	12,486	13,384	13,926	4,709	4,907	5,262	5,764	6,256	6,822	7,153	1,570	1,873	2,048	2,034	2,118	2,255	2,452	28
1,249	1,366	1,300	1,323	1,367	1,416	n.a.	134	155	157	173	187	207	n.a.	667	756	726	726	740	758	n.a.	29
223	250	280	310	359	393	n.a.	106	114	137	156	184	199	n.a.	14	23	29	31	37	41	n.a.	30
555	617	642	764	784	862	n.a.	343	377	378	472	484	536	n.a.	37	43	46	46	47	49	n.a.	31
554	523	555	609	595	640	n.a.	213	171	155	155	154	150	n.a.	7	8	9	10	9	10	n.a.	32
736	806	873	918	983	1,054	n.a.	403	425	469	489	519	560	n.a.	69	86	92	95	101	101	n.a.	33
2,102	2,274	2,429	2,726	2,983	3,324	n.a.	1,300	1,393	1,473	1,612	1,802	2,023	n.a.	376	425	448	510	525	578	n.a.	34
1,227	1,407	1,617	1,642	1,791	1,942	n.a.	613	675	768	852	946	1,067	n.a.	323	440	582	498	533	570	n.a.	35
257	326	390	395	456	466	n.a.	48	64	84	90	113	118	n.a.	23	28	32	32	35	38	n.a.	36
1,112	1,081	1,166	1,223	1,267	1,301	n.a.	539	511	582	652	697	723	n.a.	24	33	45	44	43	47	n.a.	37
1,126	1,158	1,275	1,347	1,429	1,511	n.a.	883	887	919	968	1,018	1,086	n.a.	13	14	16	17	22	34	n.a.	38
334	388	410	449	472	477	n.a.	129	135	140	144	152	153	n.a.	16	17	23	24	25	27	n.a.	39
5,054	5,205	5,255	5,480	5,847	6,122	6,262	2,659	2,671	2,728	2,769	2,914	3,093	3,139	944	977	880	904	975	987	1,023	40
1,794	1,797	1,838	1,879	2,029	2,068	n.a.	929	901	926	931	973	1,028	n.a.	474	485	489	508	558	547	n.a.	41
(L)	(L)	(L)	(L)	(L)	(L)	n.a.	(L)	0	0	0	0	0	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	42
17	19	24	20	22	(D)	n.a.	7	9	11	9	10	11	n.a.	1	1	1	1	2	2	n.a.	43
183	185	184	190	193	194	n.a.	(D)	(D)	94	97	101	105	n.a.	7	8	8	7	8	8	n.a.	44
323	338	344	357	393	(D)	n.a.	(D)	(D)	112	118	132	138	n.a.	123	122	114	115	120	126	n.a.	45
1,288	1,401	1,475	1,558	1,652	1,772	n.a.	820	893	934	977	1,033	1,117	n.a.	113	119	122	129	134	142	n.a.	46
845	812	695	703	766	839	n.a.	418	344	287	220	252	280	n.a.	198	210	116	113	120	125	n.a.	47
216	221	200	213	226	240	n.a.	46	46	42	44	48	53	n.a.	1	1	1	1	1	1	n.a.	48
323	367	428	491	495	510	n.a.	206	233	264	315	305	305	n.a.	21	26	27	28	30	32	n.a.	49
63	65	66	69	70	65	n.a.	53	54	56	59	60	56	n.a.	6	6	3	3	3	3	n.a.	50
9,972	10,535	11,378	12,355	13,287	14,429	15,667	5,615	5,939	6,621	7,416	8,049	8,888	9,935	947	994	1,056	1,112	1,178	1,263	1,319	51
834	840	870	888	866	(D)	n.a.	254	270	276	274	236	(D)	n.a.	107	105	108	109	107	(D)	n.a.	52
1,954	2,081	2,172	2,233	2,401	2,576	n.a.	796	831	866	891	935	1,006	n.a.	277	301	321	331	359	382	n.a.	53
7	9	7	9	11	(D)	n.a.	2	2	2	2	3	(D)	n.a.	5	5	4	4	4	5	n.a.	54
2,032	2,110	2,042	2,187	2,349	(D)	n.a.	1,230	1,251	1,190	1,291	1,415	(D)	n.a.	112	127	132	138	141	(D)	n.a.	55
3,128	3,329	3,971	4,440	4,908	5,667	n.a.	2,469	2,640	3,251	3,691	4,111	4,771	n.a.	137	144	148	150	161	193	n.a.	56
2,016	2,167	2,317	2,598	2,752	2,789	n.a.	865	945	1,036	1,267	1,350	1,374	n.a.	309	312	343	379	404	422	n.a.	57
6,124	6,660	7,192	7,770	8,436	9,166	9,981	3,373	3,682	3,989	4,305	4,763	5,208	5,656	724	791	841	910	962	1,032	1,155	58
11,230	12,298	13,076	13,892	14,954	15,858	17,196	5,634	6,159	6,588	7,036	7,614	8,119	8,870	1,456	1,567	1,613	1,704	1,804	1,917	2,085	59
7,673	8,020	9,043	9,979	11,323	12,967	14,425	4,595	4,711	5,434	6,016	6,919	8,092	9,126	709	757	806	842	895	993	1,090	60
2,274	2,332	2,406	2,726	3,068	3,609	n.a.	1,205	1,179	1,222	1,368	1,552	1,881	n.a.	224	246	250	305	297	329	n.a.	61
5,399	5,688	6,637	7,253	8,255	9,358	n.a.	3,389	3,532	4,212	4,649	5,367	6,212	n.a.	485	511	556	538	598	664	n.a.	62
28,665	31,253	33,910	36,633	39,934	44,148	48,745	15,923	17,490	19,149	20,774	22,886	25,813	28,582	2,978	3,201	3,461	3,657	3,939	4,222	4,616	63
1,131	1,186	1,339	1,419	1,508	1,653	n.a.	620	645	751	795	844	926	n.a.	99	106	121	124	126	136	n.a.	64
1,029	1,122	1,084	1,158	1,224	1,308	n.a.	549	592	592	655	690	753	n.a.	118	127	121	120	130	134	n.a.	65
220	231	251	256	259	302	n.a.	128	135	146	150	152	178	n.a.	25	27	29	30	30	35	n.a.	66
5,407	6,302	7,112	7,988	9,519	11,380	n.a.	3,411	4,069	4,665	5,232	6,370	7,852	n.a.	359	406	421	466	545	614	n.a.	67
1,008	1,150	1,205	1,276	1,373	1,528	n.a.	506	577	618	656	705	792	n.a.	129	146	148	152	164	179	n.a.	68
444	481	515	519	530	580	n.a.	208	227	247	246	250	279	n.a.	60	66	68	66	68	75	n.a.	69
1,188	1,308	1,457	1,584	1,673	1,820	n.a.	795	897	977	1,054	1,120	1,247	n.a.	69	75	95	108	127	115	n.a.	70
311	276	362	396	397	407	n.a.	155	132	162	182	195	203	n.a.	18	17	20	23	20	27	n.a.	71
8,365	8,881	9,435	10,172	10,714	11,272	n.a.	4,279	4,535	4,837	5,167	5,439	5,719	n.a.	971	1,047	1,116	1,235	1,313	1,381	n.a.	72
1,730	1,803	1,838	1,902	2,017	2,161	n.a.	1,053	1,096	1,110	1,139	1,208	1,275	n.a.	152	164	160	168	178	188	n.a.	73
866	959	1,008	1,075	1,165	1,253	n.a.	365	409	440	485	533	590	n.a.	84	89	92	95	102	107	n.a.	74
845	940	1,048	1,167	1,279	1,416	n.a.	435	480	540	596	647	711	n.a.	95	114	130	145	167	189	n.a.	75
27	28	31	36	42	(D)	n.a.	18	18	19	21	25	30	n.a.	1	1	1	1	1	(D)	n.a.	76
1,545	1,695	1,724	1,843	1,922	2,013	n.a.	637	715	736	802	839	883	n.a.	94	106	110	121	129	140	n.a.	77
4,141	4,410	4,933	5,258	5,623	6,291	n.a.	2,557	2,705	2,982	3,250	3,464	3,945	n.a.	632	630	772	741	769	829	n.a.	78
408	479	568	583	689	(D)	n.a.	209	260	326	345	407	431	n.a.	71	78	56	61	70	(D)	n.a.	79
23,441	24,305	25,246	26,209	27,749	28,920	30,224	11,716	12,102	12,514	12,909	13,925	14,479	15,071	2,697	2,846	2,970	3,139	3,280	3,448	3,666	80
6,227	6,387	6,426	6,407	6,632	6,753	6,990	3,007	3,105	3,104	3,100	3,244	3,268	3,307	617	654	644	664	683	711	740	81
2,754	2,623	2,598	2,660	2,631	2,687	2,730	1,712	1,625	1,589	1,605	1,570	1,604	1,623	261	233	227	240	264	275	281	82
14,460	15,296	16,221	17,142	18,487	19,481	20,504	6,997	7,371	7,821	8,204	9,111	9,606	10,141	1,819	1,959	2,099	2,235	2,332	2,463	2,645	83
4,899	5,224	5,554	5,905	6,116	6,432	n.a.	2,116	2,274	2,424	2,545	2,649	2,789	n.a.	658	706	746	790	800	842	n.a.	84
9,561	10,071	10,667	11,237	12,371	13,049	n.a.	4,881	5,098	5,397	5,659	6,462	6,817	n.a.	1,161	1,252	1,353	1,446	1,532	1,621	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	Montana							Utah						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	15,178	15,499	16,297	16,992	17,688	18,671	19,699	31,950	34,579	37,278	40,354	43,770	46,717	49,745
2	Population (thousands) [2]	840	855	869	877	879	880	883	1,876	1,930	1,977	2,022	2,065	2,101	2,130
3	Per capita personal income (dollars) [3]	18,072	18,129	18,764	19,383	20,130	21,229	22,314	17,031	17,912	18,858	19,955	21,192	22,240	23,356
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	10,189	10,269	10,600	10,984	11,348	12,009	12,723	24,338	26,394	28,445	30,777	33,297	35,540	37,966
5	Less: Personal contributions for social insurance [4]	641	684	717	748	779	813	849	1,396	1,532	1,673	1,793	1,942	2,055	2,179
6	Plus: Adjustment for residence [5]	–5	–1	1	3	–7	–4	–3	8	7	6	17	19	23	28
7	Equals: Net earnings by place of residence	9,543	9,584	9,885	10,240	10,562	11,193	11,870	22,951	24,869	26,778	29,000	31,374	33,508	35,815
8	Plus: Dividends, interest, and rent [6]	3,147	3,334	3,628	3,857	4,193	4,415	4,634	5,180	5,802	6,293	6,909	7,701	8,351	8,876
9	Plus: Transfer payments	2,488	2,581	2,784	2,895	2,934	3,063	3,194	3,819	3,908	4,206	4,445	4,696	4,857	5,054
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	6,937	7,326	7,681	8,122	8,521	9,006	9,484	18,847	20,504	22,470	24,498	26,681	28,605	30,582
11	Other labor income	1,126	1,196	1,191	1,216	1,213	1,247	1,288	3,022	3,231	3,281	3,382	3,482	3,596	3,753
12	Proprietors' income [7]	2,125	1,746	1,728	1,646	1,614	1,756	1,951	2,469	2,660	2,695	2,896	3,134	3,339	3,631
13	Farm	667	225	227	153	35	107	215	241	127	73	75	73	95	102
14	Nonfarm	1,459	1,521	1,501	1,493	1,579	1,649	1,736	2,228	2,532	2,622	2,821	3,061	3,244	3,530
	Earnings by Industry														
15	Farm	767	350	359	279	173	244	363	309	212	162	162	172	193	207
16	Nonfarm	9,422	9,919	10,242	10,706	11,175	11,765	12,359	24,029	26,182	28,283	30,615	33,125	35,347	37,759
17	Private	7,166	7,573	7,858	8,216	8,642	9,146	9,649	18,955	20,915	22,704	24,759	26,946	28,872	30,975
18	Agricultural services, forestry, fishing, and other [8]	107	92	84	78	86	95	105	86	87	99	115	128	140	158
19	Agricultural services	95	80	75	72	78	85	n.a.	83	85	92	102	117	130	n.a.
20	Forestry, fishing, and other [8]	12	12	9	7	8	10	n.a.	2	3	7	13	11	10	n.a.
21	Mining	258	262	293	287	305	296	293	396	400	411	405	436	431	395
22	Metal mining	93	101	120	108	98	93	n.a.	147	149	165	161	161	153	n.a.
23	Coal mining	62	60	67	62	(D)	69	n.a.	119	118	120	123	135	129	n.a.
24	Oil and gas extraction	73	72	75	84	(D)	97	n.a.	97	95	93	86	103	108	n.a.
25	Nonmetallic minerals, except fuels	31	30	31	33	35	36	n.a.	34	38	34	35	38	40	n.a.
26	Construction	628	718	730	785	843	903	931	1,488	1,854	2,121	2,362	2,588	2,783	3,055
27	Manufacturing	773	781	781	817	854	950	929	3,559	3,854	4,160	4,488	4,799	4,955	5,035
28	Durable goods	496	494	494	523	545	633	598	2,564	2,769	2,975	3,204	3,383	3,480	3,520
29	Lumber and wood products	313	297	269	267	275	286	n.a.	93	113	109	120	126	127	n.a.
30	Furniture and fixtures	11	13	12	12	15	16	n.a.	90	98	100	107	120	132	n.a.
31	Stone, clay, and glass products	31	35	36	37	37	39	n.a.	123	138	159	182	187	207	n.a.
32	Primary metal industries	43	33	42	57	55	115	n.a.	281	300	332	349	344	330	n.a.
33	Fabricated metal products	17	19	21	23	25	25	n.a.	234	260	275	293	319	344	n.a.
34	Industrial machinery and equipment	22	30	42	52	59	61	n.a.	370	389	429	515	561	626	n.a.
35	Electronic and other electric equipment	6	7	9	7	9	17	n.a.	282	282	250	277	296	280	n.a.
36	Motor vehicles and equipment	6	6	6	6	7	8	n.a.	178	225	265	264	298	300	n.a.
37	Other transportation equipment	6	9	10	9	11	11	n.a.	538	524	524	513	510	514	n.a.
38	Instruments and related products	9	10	11	11	11	12	n.a.	219	244	326	348	373	373	n.a.
39	Miscellaneous manufacturing industries	32	35	37	40	40	42	n.a.	154	196	206	237	250	248	n.a.
40	Nondurable goods	277	288	287	294	309	317	330	995	1,085	1,185	1,284	1,416	1,475	1,515
41	Food and kindred products	68	71	70	73	76	75	n.a.	296	312	326	340	394	390	n.a.
42	Tobacco products	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	(L)	0	0	0	0	0	n.a.
43	Textile mill products	(D)	(D)	(L)	(L)	1	(D)	n.a.	(D)	(D)	11	9	8	11	n.a.
44	Apparel and other textile products	(D)	(D)	11	11	11	10	n.a.	79	78	69	72	70	68	n.a.
45	Paper and allied products	40	41	42	41	45	(D)	n.a.	66	70	76	83	94	98	n.a.
46	Printing and publishing	66	69	70	73	75	81	n.a.	247	277	311	342	372	391	n.a.
47	Chemicals and allied products	29	30	32	26	27	32	n.a.	148	175	206	240	263	285	n.a.
48	Petroleum and coal products	56	56	53	60	62	63	n.a.	66	70	62	65	70	75	n.a.
49	Rubber and miscellaneous plastics products	6	8	8	9	9	9	n.a.	83	93	121	131	142	153	n.a.
50	Leather and leather products	(D)	(D)	2	2	2	2	n.a.	(D)	(D)	3	4	3	3	n.a.
51	Transportation and public utilities	850	886	892	886	924	970	1,012	1,912	2,060	2,160	2,297	2,467	2,612	2,689
52	Railroad transportation	168	160	163	176	184	192	n.a.	133	130	132	134	139	145	n.a.
53	Trucking and warehousing	215	229	233	228	249	268	n.a.	513	570	615	655	722	776	n.a.
54	Water transportation	1	1	(L)	1	1	1	n.a.	(L)	1	1	1	2	3	n.a.
55	Other transportation	117	129	129	130	133	141	n.a.	509	538	522	556	588	626	n.a.
56	Communications	133	138	141	140	143	158	n.a.	319	334	363	390	420	462	n.a.
57	Electric, gas, and sanitary services	216	230	225	211	214	210	n.a.	439	488	527	562	596	600	n.a.
58	Wholesale trade	503	532	552	572	590	619	659	1,317	1,437	1,577	1,745	1,863	2,037	2,232
59	Retail trade	1,173	1,237	1,268	1,310	1,366	1,415	1,495	2,346	2,673	2,916	3,151	3,452	3,649	3,938
60	Finance, insurance, and real estate	506	518	557	600	646	709	774	1,578	1,725	1,940	2,192	2,503	2,793	2,987
61	Depository and nondepository institutions	171	177	179	193	206	231	n.a.	579	635	663	760	907	1,052	n.a.
62	Other finance, insurance, and real estate	335	341	377	407	440	478	n.a.	999	1,090	1,278	1,431	1,596	1,740	n.a.
63	Services	2,369	2,547	2,702	2,880	3,030	3,190	3,451	6,273	6,825	7,319	8,005	8,710	9,472	10,486
64	Hotels and other lodging places	105	113	124	134	133	143	n.a.	200	210	220	242	274	308	n.a.
65	Personal services	93	102	96	96	100	103	n.a.	213	243	218	231	246	257	n.a.
66	Private households	22	23	25	25	25	29	n.a.	32	34	37	37	38	44	n.a.
67	Business services	229	267	292	322	362	372	n.a.	1,267	1,415	1,586	1,809	2,064	2,343	n.a.
68	Auto repair, services, and parking	101	115	116	122	128	138	n.a.	219	251	264	288	313	350	n.a.
69	Miscellaneous repair services	49	52	51	50	53	56	n.a.	94	102	113	121	125	138	n.a.
70	Amusement and recreation services	90	97	103	109	110	113	n.a.	177	193	221	252	273	299	n.a.
71	Motion pictures	31	20	25	30	28	26	n.a.	96	94	143	150	143	140	n.a.
72	Health services	948	1,008	1,065	1,143	1,178	1,232	n.a.	1,856	1,948	2,047	2,236	2,383	2,522	n.a.
73	Legal services	136	142	139	149	161	172	n.a.	308	327	341	350	373	422	n.a.
74	Educational services	54	59	63	68	73	79	n.a.	342	381	391	406	435	453	n.a.
75	Social services	116	122	134	150	160	180	n.a.	139	154	171	197	224	247	n.a.
76	Museums, botanical, zoological gardens	2	2	2	3	3	3	n.a.	3	3	4	7	9	9	n.a.
77	Membership organizations	139	141	148	159	165	174	n.a.	632	688	686	717	742	767	n.a.
78	Engineering and management services	214	240	260	272	294	312	n.a.	621	703	772	853	939	1,044	n.a.
79	Miscellaneous services	39	43	58	47	57	58	n.a.	73	79	103	108	128	128	n.a.
80	Government and government enterprises	2,256	2,346	2,384	2,489	2,533	2,620	2,711	5,074	5,267	5,579	5,856	6,179	6,476	6,784
81	Federal, civilian	614	653	644	656	671	689	724	1,646	1,623	1,678	1,626	1,664	1,702	1,815
82	Military	240	229	235	237	222	228	234	369	362	361	381	377	379	387
83	State and local	1,403	1,464	1,505	1,596	1,640	1,702	1,752	3,059	3,282	3,541	3,850	4,138	4,395	4,582
84	State	534	548	556	605	612	637	n.a.	1,264	1,358	1,479	1,621	1,697	1,790	n.a.
85	Local	869	915	949	991	1,028	1,065	n.a.	1,795	1,923	2,062	2,229	2,442	2,605	n.a.

See footnotes at end of table.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Wyoming							Far West							Alaska							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	**1993 r**	**1994 r**	**1995 r**	**1996 r**	**1997 r**	**1998 r**	**1999 p**	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
9,515	9,954	10,293	10,609	11,329	11,671	12,471	969,886	1,005,357	1,057,453	1,116,779	1,190,198	1,268,742	1,358,300	14,789	15,168	15,513	15,762	16,433	17,124	17,670	1
469	475	478	480	480	480	480	42,568	42,970	43,374	43,872	44,539	45,202	45,832	597	601	601	605	609	615	620	2
20,287	20,957	21,514	22,098	23,601	24,312	26,003	22,784	23,397	24,380	25,456	26,723	28,068	29,637	24,772	25,253	25,798	26,057	26,990	27,835	28,523	3
6,708	6,911	7,034	7,116	7,572	7,804	8,464	706,595	728,526	758,325	802,129	862,733	929,102	1,007,077	12,054	12,219	12,333	12,389	12,660	13,112	13,340	4
398	423	437	447	468	487	514	41,623	43,657	45,660	47,530	50,444	53,965	58,282	586	615	632	639	660	685	691	5
–17	–20	–20	–19	–17	–18	–18	–798	–834	–891	–986	–1,064	–1,151	–1,283	–738	–755	–758	–772	–769	–813	–823	6
6,293	6,468	6,577	6,650	7,087	7,299	7,931	664,174	684,034	711,774	753,613	811,224	873,986	947,511	10,730	10,849	10,943	10,979	11,231	11,614	11,827	7
2,047	2,245	2,404	2,567	2,799	2,898	3,011	177,510	188,517	205,915	217,538	231,447	243,325	253,867	2,244	2,454	2,623	2,695	2,932	3,069	3,188	8
1,176	1,241	1,312	1,393	1,443	1,475	1,529	128,202	132,805	139,763	145,629	147,527	151,432	156,922	1,815	1,865	1,948	2,088	2,270	2,441	2,656	9
4,846	5,091	5,247	5,392	5,691	5,979	6,356	525,355	543,566	573,178	610,672	660,535	717,163	780,274	8,943	9,162	9,270	9,379	9,630	10,027	10,172	10
752	788	761	747	740	751	780	82,651	85,273	81,870	80,856	82,854	86,075	90,995	1,768	1,781	1,708	1,720	1,671	1,679	1,677	11
1,110	1,032	1,026	977	1,141	1,074	1,328	98,590	99,687	103,277	110,602	119,343	125,863	135,809	1,343	1,275	1,356	1,290	1,358	1,406	1,491	12
192	34	23	(L)	97	–12	183	5,954	5,151	4,313	4,873	5,147	4,518	4,577	8	11	12	12	16	13	13	13
918	998	1,003	977	1,044	1,086	1,144	92,636	94,536	98,965	105,728	114,196	121,345	131,232	1,335	1,265	1,344	1,278	1,342	1,393	1,478	14
244	98	90	64	168	58	259	9,947	9,326	9,060	10,215	10,718	10,498	11,389	12	15	17	17	22	19	19	15
6,464	6,813	6,944	7,052	7,404	7,746	8,204	696,648	719,200	749,265	791,913	852,015	918,604	995,688	12,041	12,203	12,317	12,372	12,638	13,093	13,321	16
4,765	5,069	5,145	5,236	5,572	5,849	6,212	564,662	583,421	610,129	650,544	705,721	765,763	835,187	7,670	7,902	8,052	8,041	8,316	8,750	8,940	17
54	50	46	48	52	57	65	7,826	7,497	7,660	7,632	8,508	9,289	10,240	296	209	205	177	195	195	222	18
49	44	42	43	47	51	n.a.	6,553	6,317	6,613	6,883	7,602	8,335	n.a.	25	24	26	27	28	30	n.a.	19
5	6	4	5	5	6	n.a.	1,273	1,180	1,046	748	906	954	n.a.	271	185	179	151	167	165	n.a.	20
1,071	1,130	1,094	1,011	1,145	1,153	1,123	4,037	3,942	3,958	4,179	4,479	(D)	(D)	861	899	880	878	875	(D)	(D)	21
30	31	29	29	36	36	n.a.	818	822	896	988	1,013	(D)	n.a.	59	61	62	70	86	93	n.a.	22
282	286	288	299	306	308	n.a.	130	115	116	116	123	(D)	n.a.	11	(D)	(D)	(D)	16	(D)	n.a.	23
551	599	551	500	611	620	n.a.	2,572	2,469	2,395	2,500	2,739	2,742	n.a.	784	819	789	778	760	823	n.a.	24
207	214	225	182	191	189	n.a.	517	537	550	575	604	659	n.a.	7	(D)	(D)	(D)	13	(D)	n.a.	25
442	518	516	548	584	637	708	37,148	40,206	41,634	44,643	49,110	(D)	(D)	813	899	926	910	920	(D)	(D)	26
315	335	333	410	417	445	458	105,621	107,981	110,195	116,055	127,130	135,920	143,819	652	629	641	601	583	566	569	27
136	151	158	181	184	194	203	72,679	73,907	76,239	81,079	90,419	97,517	102,972	188	186	193	181	182	164	172	28
42	45	39	37	39	39	n.a.	5,501	5,771	5,588	5,574	5,912	5,985	n.a.	149	140	134	111	114	92	n.a.	29
1	2	2	3	3	4	n.a.	1,654	1,693	1,705	1,805	2,078	2,361	n.a.	1	2	2	2	(D)	3	n.a.	30
21	23	23	27	29	31	n.a.	2,540	2,655	2,665	2,872	2,949	3,189	n.a.	15	16	16	16	16	18	n.a.	31
10	11	17	39	33	34	n.a.	2,384	2,395	2,461	2,724	2,884	(D)	n.a.	2	2	3	13	10	(D)	n.a.	32
12	16	17	17	19	23	n.a.	5,366	5,725	5,956	6,142	6,500	6,933	n.a.	5	6	11	12	9	10	n.a.	33
35	36	37	37	36	35	n.a.	12,067	12,654	13,994	15,093	17,839	19,393	n.a.	5	6	10	12	11	12	n.a.	34
2	3	9	7	8	8	n.a.	12,411	12,905	14,605	16,305	18,876	(D)	n.a.	1	(D)	4	(D)	(D)	1	n.a.	35
1	2	2	2	2	2	n.a.	1,798	2,118	2,163	2,113	2,279	(D)	n.a.	(L)	(D)	(L)	(D)	(L)	(D)	n.a.	36
5	5	5	6	5	6	n.a.	15,797	14,771	13,653	14,016	15,415	(D)	n.a.	7	8	9	11	12	(D)	n.a.	37
3	3	3	3	5	5	n.a.	11,411	11,229	11,317	12,125	13,194	(D)	n.a.	2	2	3	2	3	(D)	n.a.	38
3	5	4	4	4	6	n.a.	1,751	1,991	2,131	2,309	2,494	(D)	n.a.	1	2	2	2	2	(D)	n.a.	39
179	184	175	229	233	250	255	32,943	34,074	33,956	34,976	36,711	38,403	40,847	464	443	448	420	401	402	397	40
28	28	27	28	28	27	n.a.	8,792	8,947	8,697	9,046	9,431	9,722	n.a.	308	297	301	274	258	263	n.a.	41
(L)	0	0	0	0	0	n.a.	2	3	2	3	5	(D)	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.	42
(D)	(D)	1	(L)	1	(D)	n.a.	550	614	585	615	734	835	n.a.	(D)	(L)	(D)	(L)	(D)	(D)	n.a.	43
2	2	2	3	3	3	n.a.	3,339	3,468	3,597	3,715	3,834	3,916	n.a.	2	1	1	1	1	1	n.a.	44
(D)	(D)	(L)	1	1	(D)	n.a.	3,020	3,069	3,091	3,147	3,245	3,296	n.a.	46	(D)	(D)	(D)	20	7	n.a.	45
42	42	38	39	39	41	n.a.	8,191	8,489	8,510	8,778	9,046	9,638	n.a.	49	50	50	49	49	52	n.a.	46
51	53	54	104	105	116	n.a.	4,242	4,461	4,524	4,576	4,939	5,149	n.a.	31	(D)	(D)	(D)	40	34	n.a.	47
47	48	42	44	45	49	n.a.	2,014	2,053	1,861	1,836	1,948	2,208	n.a.	27	29	(D)	28	32	42	n.a.	48
7	8	9	9	10	11	n.a.	2,631	2,807	2,916	3,087	3,349	(D)	n.a.	2	2	1	1	2	(D)	n.a.	49
1	1	1	1	1	1	n.a.	161	163	172	173	181	191	n.a.	(D)	(L)	(L)	(D)	(D)	(D)	n.a.	50
647	657	649	644	668	696	712	44,261	46,205	48,155	51,189	55,419	58,221	63,147	1,129	1,181	1,160	1,148	1,222	1,308	1,328	51
171	175	190	195	199	(D)	n.a.	1,341	1,268	1,275	1,310	1,351	1,415	n.a.	0	0	0	0	0	0	n.a.	52
154	150	137	128	136	144	n.a.	8,042	8,675	9,012	9,137	10,014	10,745	n.a.	129	132	135	130	141	147	n.a.	53
(L)	(L)	(L)	(L)	1	(D)	n.a.	1,933	2,025	2,066	2,155	2,317	(D)	n.a.	(D)	(D)	91	92	85	88	n.a.	54
64	65	68	72	72	(D)	n.a.	12,324	13,036	13,409	14,083	14,908	(D)	n.a.	(D)	(D)	579	564	606	651	n.a.	55
71	73	67	68	73	84	n.a.	11,964	12,494	13,722	14,985	16,595	17,353	n.a.	208	202	199	203	225	244	n.a.	56
187	192	187	180	187	183	n.a.	8,656	8,706	8,672	9,519	10,233	10,654	n.a.	162	164	156	159	164	178	n.a.	57
208	219	232	238	259	271	280	40,167	42,420	45,032	47,408	50,665	54,953	58,890	319	333	337	342	348	381	373	58
621	662	691	691	717	759	808	64,993	67,982	70,830	73,858	78,391	83,820	90,927	998	1,059	1,109	1,112	1,144	1,173	1,237	59
285	309	306	329	361	381	447	54,958	54,022	55,769	60,697	68,825	77,783	85,020	428	443	456	462	494	528	569	60
94	96	92	99	106	116	n.a.	15,806	15,391	14,634	16,203	18,105	21,077	n.a.	147	157	150	151	160	171	n.a.	61
190	213	214	230	254	265	n.a.	39,152	38,631	41,135	44,494	50,720	56,707	n.a.	281	287	306	311	335	357	n.a.	62
1,122	1,189	1,279	1,317	1,370	1,451	1,610	205,651	213,165	226,896	244,885	263,195	287,268	319,180	2,174	2,250	2,338	2,411	2,535	2,721	2,847	63
106	113	122	124	131	140	n.a.	10,495	11,002	11,819	12,407	12,812	13,870	n.a.	128	134	140	145	145	153	n.a.	64
56	59	56	56	58	61	n.a.	6,914	6,943	7,035	7,183	7,646	8,009	n.a.	73	74	74	77	79	80	n.a.	65
12	13	14	14	14	16	n.a.	2,408	2,481	2,650	2,679	2,701	3,156	n.a.	16	16	17	17	17	(D)	n.a.	66
140	145	147	158	178	198	n.a.	38,149	41,274	47,135	55,519	65,070	75,594	n.a.	324	323	320	327	370	398	n.a.	67
53	60	59	59	64	68	n.a.	6,542	7,041	7,213	7,488	7,830	8,557	n.a.	78	86	92	89	89	95	n.a.	68
33	34	36	35	35	33	n.a.	3,027	3,092	3,185	3,235	3,196	3,415	n.a.	44	56	66	70	62	66	n.a.	69
57	46	61	59	43	46	n.a.	8,476	8,511	9,262	10,084	10,432	11,245	n.a.	60	70	80	89	85	93	n.a.	70
11	13	11	11	11	11	n.a.	9,693	9,636	11,215	12,509	13,187	13,973	n.a.	22	16	16	15	13	14	n.a.	71
312	343	370	391	400	418	n.a.	54,282	55,453	56,233	59,172	61,060	64,238	n.a.	576	598	621	671	721	755	n.a.	72
80	74	88	96	97	105	n.a.	15,919	15,788	15,968	16,689	17,659	18,687	n.a.	137	130	129	115	119	121	n.a.	73
21	21	21	21	23	24	n.a.	5,965	6,393	6,813	7,156	7,692	8,299	n.a.	39	41	40	48	56	60	n.a.	74
61	70	74	79	82	90	n.a.	5,686	6,065	6,563	6,815	7,225	7,953	n.a.	136	132	140	149	159	172	n.a.	75
4	4	4	5	5	5	n.a.	239	258	272	295	328	379	n.a.	2	2	2	2	2	(D)	n.a.	76
42	45	44	44	47	49	n.a.	6,002	6,351	6,313	6,597	6,807	7,129	n.a.	136	157	161	174	169	186	n.a.	77
117	132	147	142	156	161	n.a.	28,840	29,611	31,986	33,562	35,477	38,631	n.a.	329	328	364	355	365	423	n.a.	78
16	19	25	23	27	28	n.a.	3,014	3,267	3,233	3,494	4,073	4,132	n.a.	76	87	78	65	82	80	n.a.	79
1,698	1,744	1,799	1,816	1,833	1,898	1,993	131,987	135,780	139,136	141,369	146,294	152,841	160,501	4,372	4,301	4,264	4,331	4,322	4,343	4,381	80
343	351	357	362	370	383	404	25,083	25,651	25,461	25,484	25,877	26,491	27,554	1,032	991	992	1,044	1,072	1,094	1,127	81
172	173	187	197	196	200	205	16,953	16,007	15,220	15,509	15,236	15,006	15,026	1,053	952	899	931	918	932	928	82
1,182	1,220	1,256	1,257	1,266	1,314	1,383	89,951	94,122	98,455	100,376	105,181	111,343	117,921	2,287	2,359	2,374	2,356	2,333	2,318	2,326	83
327	338	349	345	359	374	n.a.	24,644	26,039	27,312	27,212	28,439	29,670	n.a.	1,007	1,033	1,029	1,019	1,004	1,004	n.a.	84
855	882	907	912	908	940	n.a.	65,306	68,083	71,144	73,164	76,741	81,674	n.a.	1,279	1,326	1,345	1,337	1,330	1,313	n.a.	85

Table 5.—Personal Income by Major Source

[Millions

Line	Item	California							Hawaii						
		1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p
	Income by Place of Residence														
1	Personal income (lines 4-9)	714,107	735,104	771,470	812,404	862,756	920,452	988,339	29,068	29,740	30,202	30,393	31,278	31,856	33,006
2	Population (thousands) [2]	31,147	31,317	31,494	31,781	32,218	32,683	33,145	1,162	1,174	1,180	1,184	1,189	1,190	1,185
3	Per capita personal income (dollars) [3]	22,927	23,473	24,496	25,563	26,779	28,163	29,819	25,026	25,335	25,584	25,661	26,299	26,759	27,842
	Derivation of Personal Income														
4	Earnings by place of work (lines 10-14 or 15-85)	520,223	533,114	553,877	584,012	627,673	677,217	737,815	22,184	22,300	22,244	22,303	22,872	23,309	24,238
5	Less: Personal contributions for social insurance [4]	30,828	32,081	33,346	34,494	36,380	39,020	42,364	1,181	1,211	1,223	1,216	1,249	1,266	1,308
6	Plus: Adjustment for residence [5]	78	119	144	161	125	135	81	0	0	0	0	0	0	0
7	Equals: Net earnings by place of residence	489,473	501,152	520,675	549,679	591,419	638,332	695,532	21,003	21,088	21,020	21,087	21,623	22,043	22,930
8	Plus: Dividends, interest, and rent [6]	129,798	136,049	148,704	156,465	164,734	172,732	179,668	5,072	5,406	5,539	5,584	5,889	6,019	6,162
9	Plus: Transfer payments	94,836	97,903	102,091	106,260	106,603	109,388	113,139	2,992	3,245	3,643	3,723	3,766	3,794	3,914
	Earnings by Place of Work														
	Components of earnings:														
10	Wage and salary disbursements	384,135	394,356	414,714	440,465	475,760	517,942	566,278	16,623	16,773	16,811	16,856	17,362	17,743	18,450
11	Other labor income	61,008	62,485	59,265	57,658	58,896	61,359	65,243	3,164	3,214	3,078	3,132	3,090	3,090	3,178
12	Proprietors' income [7]	75,080	76,272	79,897	85,889	93,017	97,916	106,294	2,397	2,313	2,355	2,315	2,421	2,476	2,609
13	Farm	4,451	4,239	3,598	3,779	4,459	3,751	4,227	5	2	3	1	4	1	9
14	Nonfarm	70,629	72,033	76,299	82,110	88,558	94,166	102,067	2,392	2,311	2,352	2,314	2,417	2,475	2,600
	Earnings by Industry														
15	Farm	7,319	7,214	6,988	7,586	8,408	8,002	9,070	181	177	161	160	159	164	179
16	Nonfarm	512,904	525,900	546,888	576,426	619,265	669,215	728,746	22,004	22,123	22,082	22,143	22,713	23,145	24,059
17	Private	420,734	431,093	449,907	478,965	518,668	563,779	617,866	15,422	15,448	15,466	15,490	15,741	16,035	16,526
18	Agricultural services, forestry, fishing, and other [8]	5,553	5,362	5,586	5,785	6,384	6,969	7,590	158	141	142	135	134	137	149
19	Agricultural services	5,338	5,141	5,377	5,600	6,179	6,762	n.a.	139	126	127	120	115	119	n.a.
20	Forestry, fishing, and other [8]	214	220	209	185	205	207	n.a.	19	15	15	15	19	18	n.a.
21	Mining	2,275	2,117	2,071	2,195	2,459	2,422	2,229	17	17	24	21	19	19	17
22	Metal mining	139	(D)	147	149	141	115	n.a.	(D)	(D)	(L)	(L)	(L)	(L)	n.a.
23	Coal mining	59	(D)	39	42	45	50	n.a.	0	0	1	1	1	1	n.a.
24	Oil and gas extraction	1,758	1,614	1,578	1,694	1,943	1,885	n.a.	(D)	(D)	(D)	(D)	1	(D)	n.a.
25	Nonmetallic minerals, except fuels	319	320	307	311	331	372	n.a.	16	(D)	(D)	(D)	16	(D)	n.a.
26	Construction	24,241	26,229	27,193	28,359	31,510	35,571	40,263	1,909	1,717	1,565	1,417	1,338	1,325	1,281
27	Manufacturing	80,651	81,783	83,266	87,524	95,857	102,939	110,187	794	821	781	754	710	717	740
28	Durable goods	54,843	55,271	57,064	60,480	67,307	72,884	78,148	220	225	201	184	167	174	174
29	Lumber and wood products	1,730	1,833	1,753	1,843	2,030	2,143	n.a.	16	18	17	16	16	18	n.a.
30	Furniture and fixtures	1,405	1,417	1,434	1,522	1,760	2,005	n.a.	16	14	12	12	(D)	11	n.a.
31	Stone, clay, and glass products	1,874	1,928	1,923	2,066	2,120	2,319	n.a.	110	113	97	80	63	67	n.a.
32	Primary metal industries	1,373	1,395	1,386	1,527	1,602	1,592	n.a.	1	1	1	3	2	2	n.a.
33	Fabricated metal products	4,450	4,690	4,830	4,964	5,215	5,569	n.a.	18	17	18	17	16	15	n.a.
34	Industrial machinery and equipment	10,401	10,805	11,980	12,907	15,371	16,803	n.a.	10	10	10	11	10	11	n.a.
35	Electronic and other electric equipment	11,024	11,236	12,528	13,834	15,895	17,364	n.a.	2	(D)	5	(D)	(D)	(D)	n.a.
36	Motor vehicles and equipment	1,300	1,538	1,518	1,495	1,600	1,703	n.a.	1	(D)	2	(D)	2	2	n.a.
37	Other transportation equipment	9,794	8,920	8,088	7,902	8,193	8,766	n.a.	19	23	22	20	20	17	n.a.
38	Instruments and related products	10,218	10,055	10,081	10,760	11,724	12,602	n.a.	7	2	2	1	2	(D)	n.a.
39	Miscellaneous manufacturing industries	1,277	1,455	1,544	1,658	1,799	2,019	n.a.	19	22	14	16	17	19	n.a.
40	Nondurable goods	25,808	26,512	26,202	27,044	28,549	30,055	32,039	574	596	580	571	543	543	566
41	Food and kindred products	6,355	6,405	6,098	6,414	6,722	7,012	n.a.	207	199	182	182	189	189	n.a.
42	Tobacco products	(D)	2	2	(D)	(D)	4	n.a.	(L)	(L)	(L)	(L)	(L)	(L)	n.a.
43	Textile mill products	465	527	504	533	649	744	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.
44	Apparel and other textile products	3,062	3,168	3,295	3,403	3,492	3,574	n.a.	50	52	54	54	56	55	n.a.
45	Paper and allied products	1,669	1,676	1,680	1,755	1,860	1,903	n.a.	8	(D)	(D)	(D)	9	8	n.a.
46	Printing and publishing	6,495	6,647	6,630	6,833	7,064	7,572	n.a.	240	263	255	245	204	209	n.a.
47	Chemicals and allied products	3,676	3,863	3,877	3,900	4,232	4,390	n.a.	22	(D)	(D)	(D)	26	26	n.a.
48	Petroleum and coal products	1,789	1,805	1,623	1,591	1,695	1,940	n.a.	37	44	49	47	51	49	n.a.
49	Rubber and miscellaneous plastics products	2,158	2,276	2,344	2,465	2,677	2,750	n.a.	6	5	6	6	7	7	n.a.
50	Leather and leather products	(D)	142	149	(D)	(D)	166	n.a.	(D)	(D)	(D)	(D)	(D)	(D)	n.a.
51	Transportation and public utilities	31,615	32,998	34,113	36,178	38,989	41,042	45,264	1,658	1,664	1,694	1,739	1,805	1,816	1,810
52	Railroad transportation	824	784	779	796	827	(D)	n.a.	0	0	0	0	0	0	n.a.
53	Trucking and warehousing	5,593	6,057	6,269	6,335	7,002	7,547	n.a.	148	151	135	135	130	134	n.a.
54	Water transportation	1,119	1,175	1,187	1,258	1,392	1,436	n.a.	144	163	163	164	171	169	n.a.
55	Other transportation	8,743	9,190	9,393	9,844	10,291	(D)	n.a.	812	806	848	881	938	952	n.a.
56	Communications	8,569	9,061	9,995	10,863	12,128	12,703	n.a.	335	322	315	325	332	337	n.a.
57	Electric, gas, and sanitary services	6,767	6,730	6,489	7,083	7,350	7,685	n.a.	219	223	234	234	234	225	n.a.
58	Wholesale trade	30,060	31,605	33,413	35,074	37,335	40,678	43,739	794	793	788	785	789	808	848
59	Retail trade	46,627	48,448	50,526	52,567	55,805	59,877	64,979	2,476	2,543	2,573	2,558	2,564	2,526	2,619
60	Finance, insurance, and real estate	43,126	41,916	42,747	46,555	52,776	60,130	65,894	1,795	1,692	1,742	1,818	1,932	1,991	2,096
61	Depository and nondepository institutions	12,202	11,747	11,096	12,247	13,796	16,118	n.a.	510	495	470	483	489	510	n.a.
62	Other finance, insurance, and real estate	30,924	30,169	31,651	34,309	38,980	44,013	n.a.	1,286	1,197	1,272	1,335	1,442	1,481	n.a.
63	Services	156,587	160,635	170,992	184,728	197,553	214,152	237,721	5,821	6,060	6,157	6,263	6,450	6,695	6,966
64	Hotels and other lodging places	4,192	4,130	4,282	4,490	4,626	5,205	n.a.	1,145	1,196	1,253	1,296	1,311	1,320	n.a.
65	Personal services	5,222	5,164	5,267	5,388	5,733	5,989	n.a.	202	205	207	202	209	212	n.a.
66	Private households	2,090	2,149	2,290	2,312	2,330	2,722	n.a.	29	30	32	33	33	38	n.a.
67	Business services	30,588	32,699	37,329	43,725	50,150	56,591	n.a.	679	698	679	685	746	815	n.a.
68	Auto repair, services, and parking	4,970	5,312	5,430	5,596	5,815	6,380	n.a.	180	185	186	185	187	197	n.a.
69	Miscellaneous repair services	2,270	2,284	2,386	2,411	2,385	2,551	n.a.	78	74	76	71	73	81	n.a.
70	Amusement and recreation services	6,604	6,496	7,061	7,663	7,871	8,501	n.a.	240	245	279	270	269	280	n.a.
71	Motion pictures	9,303	9,206	10,702	11,961	12,635	13,419	n.a.	45	67	50	50	57	50	n.a.
72	Health services	40,326	40,798	40,781	42,733	43,790	46,116	n.a.	1,553	1,660	1,709	1,766	1,797	1,845	n.a.
73	Legal services	13,060	12,844	12,921	13,508	14,254	15,127	n.a.	396	406	391	403	413	426	n.a.
74	Educational services	4,794	5,114	5,440	5,654	6,083	6,538	n.a.	238	255	271	292	310	331	n.a.
75	Social services	4,046	4,282	4,652	4,791	5,053	5,543	n.a.	184	208	211	209	223	250	n.a.
76	Museums, botanical, zoological gardens	180	194	205	228	256	298	n.a.	19	19	19	19	19	22	n.a.
77	Membership organizations	4,315	4,482	4,416	4,586	4,737	4,946	n.a.	175	176	171	176	177	183	n.a.
78	Engineering and management services	22,409	23,039	25,422	26,982	28,729	31,077	n.a.	611	571	561	541	546	571	n.a.
79	Miscellaneous services	2,218	2,442	2,409	2,700	3,105	3,148	n.a.	46	64	59	65	79	77	n.a.
80	Government and government enterprises	92,170	94,807	96,982	97,462	100,597	105,436	110,880	6,582	6,675	6,616	6,653	6,972	7,110	7,532
81	Federal, civilian	16,684	17,088	16,784	16,614	16,614	16,942	17,630	1,506	1,547	1,588	1,539	1,693	1,787	1,878
82	Military	10,643	9,742	8,993	8,872	8,479	8,373	8,397	2,299	2,285	2,195	2,282	2,324	2,300	2,273
83	State and local	64,843	67,977	71,205	71,975	75,504	80,120	84,853	2,777	2,842	2,832	2,831	2,955	3,023	3,381
84	State	14,985	16,134	17,203	17,086	17,946	18,736	n.a.	2,170	2,210	2,157	2,117	2,204	2,258	n.a.
85	Local	49,858	51,843	54,002	54,889	57,558	61,384	n.a.	606	633	676	714	751	765	n.a.

r Revised.
p Preliminary.
D Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the total.
L Less than $500,000, but the estimates for this item are included in the total.
n.a. Not available.

1. The estimates of earnings for 1993-99 are based on the 1987 Standard Industrial Classification.
2. Midyear population estimates of the Bureau of the Census.
3. Per capita personal income is total personal income divided by total midyear population.
4. Personal contributions for social insurance are included in earnings by type and industry, but they are excluded from personal income.

and Earnings by Industry [1], 1993–99–Continued
of dollars]

Nevada							Oregon							Washington							Line
1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	1993 r	1994 r	1995 r	1996 r	1997 r	1998 r	1999 p	
32,386	35,878	39,377	43,331	47,278	50,919	54,913	61,916	66,130	71,209	75,561	81,040	85,043	89,983	117,621	123,337	129,681	139,328	151,413	163,348	174,389	1
1,380	1,456	1,526	1,596	1,676	1,744	1,809	3,034	3,087	3,141	3,195	3,243	3,282	3,316	5,248	5,335	5,431	5,510	5,604	5,688	5,756	2
23,465	24,635	25,808	27,142	28,216	29,200	30,351	20,404	21,421	22,668	23,649	24,987	25,912	27,135	22,414	23,119	23,878	25,287	27,018	28,719	30,295	3
23,655	26,160	28,742	31,671	34,300	37,227	40,529	43,357	46,291	49,033	52,841	57,142	60,103	63,962	85,122	88,442	92,096	98,912	108,085	118,133	127,193	4
1,285	1,451	1,617	1,779	1,928	2,069	2,240	2,658	2,890	3,121	3,333	3,583	3,735	3,961	5,085	5,409	5,721	6,070	6,644	7,190	7,719	5
–465	–513	–561	–631	–641	–690	–756	–772	–847	–1,010	–1,219	–1,439	–1,725	–1,830	1,099	1,162	1,294	1,474	1,660	1,941	2,045	6
21,905	24,196	26,563	29,261	31,730	34,469	37,533	39,927	42,554	44,902	48,290	52,120	54,643	58,170	81,136	84,195	87,670	94,316	103,101	112,884	121,519	7
6,534	7,568	8,374	9,318	10,492	11,170	11,847	13,072	14,297	16,268	16,858	18,149	19,260	20,244	20,790	22,742	24,409	26,618	29,252	31,074	32,759	8
3,947	4,114	4,440	4,752	5,056	5,280	5,533	8,917	9,279	10,039	10,413	10,771	11,140	11,569	15,694	16,400	17,603	18,393	19,061	19,390	20,110	9
18,462	20,479	22,574	25,138	27,342	29,835	32,619	32,749	35,196	38,167	41,524	45,061	47,650	50,959	64,442	67,600	71,643	77,310	85,379	93,966	101,796	10
2,490	2,738	2,934	3,058	3,175	3,334	3,532	4,843	5,183	5,174	5,272	5,523	5,654	5,897	9,378	9,871	9,710	10,015	10,499	10,960	11,468	11
2,703	2,943	3,234	3,475	3,782	4,058	4,378	5,764	5,912	5,692	6,044	6,559	6,799	7,106	11,301	10,972	10,743	11,587	12,207	13,207	13,929	12
64	25	8	4	–6	8	–2	412	275	133	200	241	162	–1	1,015	599	558	877	434	584	331	13
2,640	2,918	3,226	3,471	3,789	4,050	4,381	5,353	5,636	5,559	5,844	6,317	6,638	7,108	10,287	10,372	10,184	10,710	11,773	12,623	13,597	14
94	65	52	49	48	61	57	766	654	581	717	790	748	675	1,575	1,199	1,260	1,686	1,291	1,503	1,389	15
23,561	26,095	28,690	31,622	34,252	37,166	40,472	42,591	45,637	48,452	52,124	56,352	59,355	63,287	83,547	87,243	90,836	97,226	106,794	116,630	125,804	16
19,712	22,010	24,311	26,887	29,218	31,719	34,709	34,902	37,642	40,205	43,523	47,331	49,900	53,315	66,222	69,326	72,187	77,637	86,447	95,580	103,830	17
118	126	145	176	197	236	263	513	527	497	420	516	580	661	1,189	1,133	1,084	938	1,083	1,171	1,355	18
113	120	140	170	190	227	n.a.	349	331	353	373	421	464	n.a.	589	575	591	593	669	733	n.a.	19
5	6	5	6	7	9	n.a.	164	196	145	47	94	117	n.a.	600	558	492	345	414	438	n.a.	20
644	651	722	816	836	802	735	79	70	75	79	81	84	84	160	188	187	191	209	199	191	21
581	587	644	733	749	705	n.a.	(D)	(D)	1	(D)	1	(D)	n.a.	36	40	42	(D)	37	29	n.a.	22
4	2	(D)	(D)	5	6	n.a.	16	7	7	6	6	7	n.a.	39	43	41	(D)	50	(D)	n.a.	23
14	15	(D)	(D)	14	14	n.a.	(D)	(D)	3	(D)	3	(D)	n.a.	10	17	11	11	16	(D)	n.a.	24
46	47	55	64	68	78	n.a.	54	59	65	68	70	73	n.a.	75	88	93	100	106	109	n.a.	25
2,098	2,484	2,753	3,551	3,893	4,254	4,528	2,590	2,993	3,352	4,028	4,378	4,434	4,580	5,498	5,884	5,844	6,378	7,071	7,520	8,262	26
1,019	1,192	1,326	1,490	1,592	1,735	1,789	8,059	8,741	9,166	9,686	10,617	11,152	11,612	14,446	14,816	15,014	15,999	17,771	18,811	18,922	27
662	768	868	991	1,061	1,155	1,173	6,031	6,595	6,976	7,443	8,286	8,770	9,149	10,735	10,862	10,936	11,800	13,417	14,371	14,157	28
40	51	46	49	59	64	n.a.	2,120	2,217	2,095	2,024	2,098	2,063	n.a.	1,446	1,513	1,542	1,532	1,595	1,605	n.a.	29
19	21	22	24	31	33	n.a.	104	119	116	113	123	136	n.a.	109	119	120	133	148	174	n.a.	30
99	115	133	166	163	168	n.a.	144	157	166	193	207	223	n.a.	299	325	330	351	379	394	n.a.	31
43	36	49	78	87	95	n.a.	438	453	493	529	594	630	n.a.	528	508	529	575	588	620	n.a.	32
85	102	121	139	150	167	n.a.	383	440	477	508	554	583	n.a.	425	470	499	503	556	588	n.a.	33
74	89	96	104	114	129	n.a.	761	850	955	996	1,105	1,110	n.a.	817	894	944	1,063	1,229	1,328	n.a.	34
52	71	89	100	99	102	n.a.	935	1,149	1,426	1,717	2,105	2,384	n.a.	398	446	554	647	769	853	n.a.	35
9	11	11	10	12	19	n.a.	281	328	360	359	402	480	n.a.	207	239	273	246	262	310	n.a.	36
18	20	21	22	23	25	n.a.	286	290	272	311	353	359	n.a.	5,673	5,508	5,241	5,750	6,813	7,233	n.a.	37
87	86	91	93	107	119	n.a.	463	463	487	550	598	658	n.a.	634	622	653	718	761	927	n.a.	38
137	166	189	205	213	234	n.a.	116	129	129	144	147	142	n.a.	199	217	253	284	316	339	n.a.	39
357	424	458	499	532	581	616	2,027	2,146	2,190	2,243	2,331	2,382	2,464	3,712	3,954	4,078	4,198	4,354	4,440	4,765	40
75	89	90	106	113	124	n.a.	646	674	684	709	734	742	n.a.	1,201	1,284	1,341	1,361	1,414	1,392	n.a.	41
(D)	(D)	(D)	(D)	(D)	(D)	n.a.	0	(D)	(D)	0	0	0	n.a.	(L)	0	0	0	0	0	n.a.	42
1	(D)	1	(D)	(D)	(D)	n.a.	45	47	44	42	43	46	n.a.	35	36	34	38	40	43	n.a.	43
17	19	21	21	23	26	n.a.	59	64	64	62	64	66	n.a.	150	165	162	174	197	194	n.a.	44
9	13	16	16	21	19	n.a.	459	473	472	454	451	468	n.a.	830	869	886	886	885	891	n.a.	45
142	168	180	192	204	227	n.a.	503	537	551	559	589	610	n.a.	762	825	845	901	935	967	n.a.	46
39	42	48	50	54	63	n.a.	118	132	144	157	165	174	n.a.	355	367	394	403	422	463	n.a.	47
1	2	2	4	5	7	n.a.	22	23	(D)	20	18	19	n.a.	139	151	140	146	147	151	n.a.	48
73	91	99	106	106	110	n.a.	164	186	201	230	254	246	n.a.	229	247	266	278	304	327	n.a.	49
(D)	(D)	(D)	1	2	2	n.a.	10	(D)	11	11	13	11	n.a.	10	10	10	11	11	11	n.a.	50
1,373	1,530	1,664	1,877	2,021	2,168	2,369	2,814	2,954	3,071	3,243	3,450	3,612	3,780	5,672	5,879	6,453	7,004	7,931	8,274	8,595	51
58	53	55	55	57	(D)	n.a.	177	165	163	166	170	178	n.a.	282	266	277	293	296	(D)	n.a.	52
198	225	257	281	303	324	n.a.	935	999	1,042	1,050	1,131	1,187	n.a.	1,040	1,112	1,173	1,206	1,307	1,406	n.a.	53
(D)	(D)	(D)	(D)	(D)	9	n.a.	106	118	(D)	(D)	(D)	(D)	n.a.	471	467	504	514	540	538	n.a.	54
(D)	(D)	(D)	(D)	(D)	(D)	n.a.	522	586	(D)	(D)	(D)	(D)	n.a.	1,280	1,359	1,404	1,450	1,627	(D)	n.a.	55
284	318	329	388	424	483	n.a.	552	586	605	615	644	654	n.a.	2,016	2,004	2,280	2,592	2,843	2,932	n.a.	56
402	420	451	474	500	519	n.a.	523	500	528	619	668	716	n.a.	584	670	815	948	1,317	1,332	n.a.	57
951	1,037	1,143	1,297	1,435	1,587	1,708	2,997	3,257	3,609	3,800	4,186	4,387	4,666	5,045	5,394	5,744	6,110	6,573	7,112	7,555	58
2,180	2,439	2,645	2,940	3,220	3,494	3,893	4,698	5,020	5,242	5,584	5,945	6,267	6,726	8,014	8,472	8,735	9,098	9,712	10,483	11,473	59
1,509	1,713	2,113	2,378	2,791	3,155	3,460	2,738	2,908	3,114	3,472	3,979	4,257	4,592	5,362	5,350	5,598	6,011	6,852	7,722	8,409	60
413	462	437	574	675	771	n.a.	853	899	905	1,051	1,147	1,289	n.a.	1,682	1,631	1,577	1,697	1,837	2,218	n.a.	61
1,097	1,250	1,676	1,804	2,116	2,384	n.a.	1,884	2,009	2,209	2,421	2,832	2,968	n.a.	3,680	3,718	4,021	4,314	5,015	5,504	n.a.	62
9,819	10,837	11,801	12,363	13,232	14,287	15,965	10,415	11,172	12,078	13,212	14,179	15,127	16,613	20,835	22,210	23,529	25,908	29,246	34,286	39,068	63
4,181	4,685	5,204	5,480	5,692	6,087	n.a.	312	318	353	370	385	419	n.a.	536	539	587	626	654	686	n.a.	64
258	290	296	306	328	358	n.a.	404	442	436	440	473	502	n.a.	755	767	755	769	824	868	n.a.	65
34	37	41	43	45	54	n.a.	86	89	97	98	99	116	n.a.	153	159	172	175	177	(D)	n.a.	66
898	1,076	1,160	1,232	1,434	1,626	n.a.	1,909	2,125	2,398	2,752	3,111	3,409	n.a.	3,751	4,354	5,248	6,798	9,259	12,755	n.a.	67
201	231	257	277	301	330	n.a.	419	475	479	532	550	591	n.a.	694	751	769	809	887	964	n.a.	68
72	84	95	97	103	112	n.a.	214	194	207	217	207	218	n.a.	349	401	355	369	365	387	n.a.	69
701	746	748	819	873	933	n.a.	259	291	338	386	423	451	n.a.	612	662	757	857	910	987	n.a.	70
73	87	144	157	133	136	n.a.	98	101	129	142	171	166	n.a.	151	159	174	182	178	188	n.a.	71
1,626	1,731	1,885	2,013	2,179	2,273	n.a.	3,628	3,859	4,066	4,389	4,613	4,815	n.a.	6,574	6,807	7,171	7,600	7,960	8,435	n.a.	72
356	390	409	421	465	495	n.a.	650	665	725	773	839	876	n.a.	1,321	1,353	1,394	1,469	1,569	1,642	n.a.	73
39	52	53	61	68	77	n.a.	327	356	375	413	448	483	n.a.	529	576	634	688	727	810	n.a.	74
99	106	111	119	135	157	n.a.	474	528	576	621	648	737	n.a.	746	810	873	927	1,007	1,093	n.a.	75
3	4	4	4	3	3	n.a.	18	19	21	21	23	24	n.a.	17	19	20	22	26	(D)	n.a.	76
127	141	149	163	177	193	n.a.	402	440	449	481	490	516	n.a.	846	954	967	1,017	1,056	1,106	n.a.	77
948	1,016	1,104	1,073	1,185	1,340	n.a.	1,041	1,085	1,229	1,350	1,426	1,532	n.a.	3,503	3,571	3,305	3,261	3,226	3,688	n.a.	78
201	162	141	97	112	113	n.a.	175	184	200	227	274	272	n.a.	299	329	346	340	421	441	n.a.	79
3,848	4,085	4,379	4,735	5,034	5,447	5,762	7,689	7,994	8,247	8,600	9,021	9,455	9,972	17,325	17,917	18,648	19,589	20,346	21,050	21,974	80
675	726	756	784	795	822	877	1,641	1,671	1,639	1,671	1,744	1,815	1,860	3,544	3,627	3,702	3,831	3,959	4,032	4,181	81
362	373	398	420	417	425	437	199	206	200	213	217	216	216	2,397	2,450	2,536	2,791	2,881	2,761	2,775	82
2,811	2,986	3,225	3,532	3,822	4,200	4,448	5,849	6,117	6,409	6,717	7,060	7,425	7,896	11,384	11,840	12,410	12,966	13,506	14,257	15,017	83
803	846	897	979	1,043	1,130	n.a.	1,848	1,923	1,964	1,779	1,859	1,953	n.a.	3,831	3,894	4,062	4,232	4,385	4,588	n.a.	84
2,008	2,141	2,328	2,552	2,780	3,070	n.a.	4,001	4,194	4,445	4,937	5,201	5,472	n.a.	7,553	7,946	8,348	8,734	9,121	9,669	n.a.	85

5. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, it consists of adjustments for border workers: Wage and salary disbursements to U.S. residents commuting to Canada less wage and salary disbursements to Canadian and Mexican residents commuting into the United States.

6. Rental income of persons includes the capital consumption adjustment.

7. Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.

8. "Other" consists of the wage and salary disbursements of U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table 6.—Personal Income by State and Region

[Millions of dollars, seasonally adjusted at annual rates]

Area name	1993				1994				1995				1996			
	I r	II r	III r	IV r	I r	II r	III r	IV r	I r	II r	III r	IV r	I r	II p	III r	IV r
United States	**5,454,158**	**5,583,206**	**5,619,542**	**5,736,878**	**5,702,306**	**5,850,745**	**5,926,379**	**6,034,018**	**6,101,411**	**6,154,772**	**6,217,275**	**6,295,482**	**6,395,965**	**6,500,055**	**6,587,746**	**6,668,647**
New England	**323,678**	**331,465**	**336,247**	**341,169**	**337,812**	**346,212**	**349,302**	**356,063**	**358,072**	**362,415**	**366,247**	**370,457**	**375,274**	**381,513**	**386,809**	**392,979**
Connecticut	93,738	96,494	97,610	99,624	97,651	99,068	100,397	102,035	102,831	103,794	104,852	105,783	107,191	108,783	110,029	111,411
Maine	22,925	23,176	23,438	23,629	23,663	24,090	24,290	24,652	24,740	25,010	25,048	25,387	25,847	26,225	26,629	27,035
Massachusetts	149,825	153,405	155,784	158,034	156,681	161,815	162,803	166,245	166,886	168,840	171,133	173,348	175,488	178,816	181,560	185,085
New Hampshire	24,527	25,103	25,605	25,856	26,075	26,870	27,179	27,835	27,970	28,692	28,750	29,186	29,583	30,025	30,447	30,859
Rhode Island	21,537	22,003	22,350	22,470	22,186	22,550	22,665	23,048	23,319	23,728	23,976	24,123	24,314	24,673	24,939	25,347
Vermont	11,126	11,284	11,461	11,557	11,557	11,819	11,968	12,248	12,326	12,350	12,488	12,630	12,851	12,991	13,205	13,243
Mideast	**1,069,274**	**1,100,522**	**1,110,153**	**1,134,571**	**1,106,191**	**1,138,615**	**1,149,649**	**1,167,410**	**1,178,719**	**1,188,440**	**1,198,720**	**1,209,580**	**1,233,490**	**1,249,976**	**1,260,677**	**1,277,239**
Delaware	16,227	16,683	16,722	17,022	16,919	17,346	17,479	17,767	18,040	18,123	18,262	18,524	18,903	19,135	19,540	19,899
District of Columbia	17,958	18,169	18,306	18,569	18,275	18,635	18,597	18,490	18,219	18,234	18,157	18,258	18,438	18,285	18,549	18,797
Maryland	121,295	123,683	124,444	126,883	126,758	129,251	130,870	132,515	133,753	134,673	135,450	136,585	138,469	139,953	141,573	143,242
New Jersey	207,123	212,829	214,379	219,345	213,238	219,928	223,219	226,885	229,197	232,128	234,309	237,200	240,970	245,611	248,062	251,992
New York	446,274	462,438	467,640	480,450	462,398	479,234	482,055	490,658	496,780	500,494	505,809	509,570	523,729	529,480	531,787	538,964
Pennsylvania	260,398	266,721	268,661	272,302	268,604	274,221	277,429	281,094	282,731	284,788	286,732	289,443	292,980	297,512	301,167	304,345
Great Lakes	**902,198**	**926,710**	**933,704**	**955,483**	**956,796**	**977,384**	**993,493**	**1,011,899**	**1,023,652**	**1,028,595**	**1,036,055**	**1,048,335**	**1,057,262**	**1,073,387**	**1,088,995**	**1,099,553**
Illinois	267,605	273,406	274,535	281,337	279,113	286,808	291,750	296,367	300,856	302,511	305,346	310,357	315,983	320,642	325,362	329,171
Indiana	111,325	114,270	115,201	117,906	118,599	120,351	122,747	124,452	125,712	125,969	126,599	127,820	129,666	132,120	134,265	135,508
Michigan	195,516	203,568	205,934	210,291	213,542	216,657	220,531	225,752	229,522	230,176	232,079	234,599	233,253	237,020	239,727	242,379
Ohio	226,098	231,493	233,512	238,748	238,636	243,895	246,671	251,423	252,728	254,449	255,900	258,175	259,167	262,633	266,647	268,199
Wisconsin	101,653	103,973	104,522	107,201	106,907	109,672	111,795	113,905	114,834	115,490	116,131	117,384	119,193	120,973	122,994	124,295
Plains	**362,213**	**370,174**	**365,085**	**378,122**	**381,864**	**390,730**	**396,108**	**403,298**	**405,021**	**408,035**	**411,698**	**417,824**	**429,865**	**437,371**	**444,084**	**448,473**
Iowa	52,977	54,003	51,956	54,627	56,705	57,763	58,213	59,314	59,374	59,667	60,309	61,334	63,352	64,475	65,478	65,480
Kansas	51,190	52,266	52,052	53,493	53,505	54,703	55,213	56,006	56,152	56,325	56,769	57,261	58,879	59,551	60,561	61,305
Minnesota	98,209	100,194	98,636	102,109	103,076	106,220	108,602	110,708	111,459	112,471	113,318	115,619	118,764	121,286	123,552	124,716
Missouri	103,738	106,309	105,584	109,563	109,113	111,729	113,287	115,127	116,047	117,200	118,133	119,179	121,458	123,184	124,696	126,628
Nebraska	31,742	32,572	32,531	33,206	33,469	34,110	34,477	35,245	35,612	35,862	36,482	37,217	38,736	39,503	39,815	40,416
North Dakota	11,276	11,493	11,112	11,566	12,027	12,091	12,170	12,420	12,089	12,205	12,209	12,470	13,243	13,531	13,857	13,796
South Dakota	13,081	13,337	13,213	13,559	13,970	14,114	14,145	14,478	14,288	14,306	14,478	14,745	15,434	15,840	16,125	16,132
Southeast	**1,187,525**	**1,214,518**	**1,225,179**	**1,246,810**	**1,252,724**	**1,282,323**	**1,300,332**	**1,324,383**	**1,343,868**	**1,356,333**	**1,371,604**	**1,392,657**	**1,411,676**	**1,438,520**	**1,459,532**	**1,473,921**
Alabama	74,068	75,163	75,529	76,997	77,564	79,339	80,506	81,919	82,940	83,520	84,302	84,852	85,495	86,824	88,002	88,565
Arkansas	40,248	40,971	41,460	42,082	42,438	43,380	43,794	44,381	45,276	45,616	46,089	47,001	47,389	48,632	49,267	49,513
Florida	289,531	296,567	298,559	303,052	302,801	309,893	314,177	320,764	326,703	330,889	335,707	340,801	347,845	353,115	357,884	361,700
Georgia	134,229	138,431	139,550	142,873	143,740	148,393	150,545	153,982	156,511	157,853	160,490	164,348	167,164	172,174	175,319	177,085
Kentucky	66,136	67,243	67,869	68,987	69,032	70,508	71,139	72,446	73,070	73,704	74,197	75,347	76,258	77,699	79,131	79,798
Louisiana	74,162	75,801	76,256	77,426	79,228	79,998	81,592	82,668	83,559	84,045	85,245	85,441	86,234	87,535	88,504	89,242
Mississippi	39,695	40,433	41,070	41,875	42,897	43,782	44,536	45,094	45,563	45,862	46,402	47,141	47,879	48,762	49,405	49,546
North Carolina	134,674	138,446	140,396	143,441	143,717	146,522	148,876	152,054	154,775	156,458	157,867	161,435	162,788	166,895	169,333	171,535
South Carolina	63,397	64,585	65,098	65,767	66,624	68,050	69,156	70,213	71,151	71,672	72,146	73,231	74,258	75,893	77,096	77,902
Tennessee	97,640	99,775	101,035	103,126	103,222	105,922	107,839	110,438	112,390	113,596	114,724	116,330	116,819	118,628	120,231	121,471
Virginia	143,918	146,669	147,915	150,391	150,389	154,960	156,319	158,258	159,518	160,628	161,843	163,778	166,269	168,835	171,353	173,296
West Virginia	29,828	30,433	30,443	30,794	31,072	31,576	31,852	32,165	32,411	32,490	32,593	32,951	33,279	33,528	34,007	34,269
Southwest	**504,570**	**516,007**	**519,956**	**531,058**	**531,094**	**545,688**	**554,990**	**568,495**	**574,294**	**581,619**	**589,260**	**598,893**	**608,280**	**619,285**	**629,463**	**639,108**
Arizona	72,580	74,415	75,365	77,239	78,310	81,042	83,330	85,375	87,047	87,812	89,521	91,102	93,241	94,957	96,838	98,112
New Mexico	27,111	27,621	27,925	28,618	28,798	29,301	29,959	30,624	31,236	31,480	31,897	32,252	32,723	33,093	33,439	33,672
Oklahoma	57,535	58,218	58,484	59,342	59,252	60,540	61,077	62,330	62,348	63,048	63,615	64,323	65,126	66,003	66,737	67,288
Texas	347,343	355,754	358,182	365,859	364,735	374,805	380,624	390,166	393,664	399,280	404,227	411,216	417,189	425,232	432,449	440,036
Rocky Mountain	**152,456**	**155,886**	**157,611**	**161,894**	**161,036**	**166,122**	**168,968**	**173,038**	**176,314**	**177,767**	**180,545**	**184,108**	**186,690**	**190,640**	**194,132**	**197,101**
Colorado	77,610	79,560	80,708	82,971	82,397	85,262	86,680	89,100	91,025	91,892	93,722	95,148	97,009	99,005	101,077	102,958
Idaho	19,538	19,974	20,132	20,777	20,644	21,278	21,688	21,987	22,495	22,643	22,857	23,482	23,599	24,206	24,376	24,513
Montana	14,883	15,191	15,121	15,518	15,101	15,391	15,629	15,876	16,113	16,172	16,346	16,557	16,624	16,879	17,120	17,347
Utah	31,044	31,697	32,124	32,937	33,215	34,304	34,961	35,835	36,449	36,782	37,331	38,552	39,078	40,016	40,859	41,463
Wyoming	9,381	9,463	9,525	9,691	9,679	9,888	10,010	10,240	10,233	10,279	10,290	10,370	10,379	10,534	10,701	10,821
Far West	**952,244**	**967,924**	**971,608**	**987,770**	**974,789**	**1,003,670**	**1,013,536**	**1,029,433**	**1,041,471**	**1,051,567**	**1,063,145**	**1,073,627**	**1,093,428**	**1,109,363**	**1,124,053**	**1,140,273**
Alaska	14,667	14,737	14,789	14,962	15,002	15,077	15,222	15,370	15,495	15,464	15,529	15,566	15,657	15,661	15,811	15,921
California	701,951	712,633	714,901	726,945	712,794	735,330	741,196	751,098	760,705	767,626	775,396	782,152	797,150	807,880	816,511	828,075
Hawaii	28,924	29,213	29,010	29,124	29,295	29,553	29,880	30,233	30,078	30,266	30,196	30,267	30,254	30,310	30,474	30,535
Nevada	31,534	32,087	32,541	33,381	34,247	35,474	36,337	37,452	38,356	38,861	39,785	40,507	41,723	42,852	43,953	44,796
Oregon	60,541	61,637	62,127	63,360	63,810	65,426	66,845	68,437	69,546	70,563	71,695	73,033	73,650	74,829	76,266	77,498
Washington	114,626	117,618	118,240	119,998	119,640	122,810	124,056	126,843	127,291	128,786	130,544	132,102	134,994	137,831	141,038	143,448

Table 6.—Personal Income by State and Region–Continued

[Millions of dollars, seasonally adjusted at annual rates]

Area name	1997				1998				1999				Percent change [1]			
	I r	II r	III r	IV r	I r	II r	III r	IV r	I r	II r	III r	IV p	1998:IV-1999:I	1999:I-1999:II	1999:II-1999:III	1999:III-1999:IV
United States	**6,798,273**	**6,891,494**	**6,984,587**	**7,094,102**	**7,186,832**	**7,288,702**	**7,405,920**	**7,524,734**	**7,615,925**	**7,718,294**	**7,812,784**	**7,958,969**	**1.2**	**1.3**	**1.2**	**1.9**
New England	**401,943**	**407,101**	**412,245**	**420,247**	**424,197**	**430,540**	**438,716**	**445,436**	**450,127**	**457,380**	**468,256**	**473,928**	**1.1**	**1.6**	**2.4**	**1.2**
Connecticut	114,081	115,596	116,941	119,291	119,910	120,827	122,993	125,033	125,810	127,588	129,835	130,957	.6	1.4	1.8	.9
Maine	27,526	27,747	27,896	28,374	28,552	29,046	29,638	30,028	30,176	30,831	31,914	32,184	.5	2.2	3.5	.8
Massachusetts	189,285	191,436	194,212	197,864	200,238	204,118	207,961	210,937	214,227	217,796	223,741	226,867	1.6	1.7	2.7	1.4
New Hampshire	31,605	32,285	32,831	33,492	33,855	34,506	35,371	36,102	36,122	36,833	37,547	37,981	.1	2.0	1.9	1.2
Rhode Island	25,913	26,385	26,594	27,128	27,403	27,635	28,119	28,500	28,820	29,081	29,737	30,152	1.1	.9	2.3	1.4
Vermont	13,534	13,652	13,771	14,099	14,238	14,409	14,634	14,836	14,972	15,252	15,481	15,787	.9	1.9	1.5	2.0
Mideast	**1,295,117**	**1,307,058**	**1,325,080**	**1,347,184**	**1,359,123**	**1,382,189**	**1,401,211**	**1,412,306**	**1,433,189**	**1,452,432**	**1,476,732**	**1,497,612**	**1.5**	**1.3**	**1.7**	**1.4**
Delaware	19,893	19,957	20,528	20,785	21,391	21,671	21,961	22,429	22,648	22,760	23,283	23,798	1.0	.5	2.3	2.2
District of Columbia	18,507	18,520	18,694	18,792	18,682	18,892	19,103	19,274	19,637	19,809	19,858	20,056	1.9	.9	.2	1.0
Maryland	145,606	147,176	148,867	151,405	153,001	155,623	158,173	160,240	162,887	164,593	167,615	170,305	1.7	1.0	1.8	1.6
New Jersey	257,454	260,259	263,433	268,546	272,352	276,110	281,579	283,354	287,484	291,224	295,605	301,782	1.5	1.3	1.5	2.1
New York	544,765	548,397	557,175	565,906	569,861	582,400	588,884	591,100	602,970	611,914	624,783	631,171	2.0	1.5	2.1	1.0
Pennsylvania	308,892	312,749	316,383	321,750	323,836	327,493	331,511	335,909	337,562	342,132	345,588	350,500	.5	1.4	1.0	1.4
Great Lakes	**1,120,166**	**1,137,600**	**1,152,265**	**1,168,346**	**1,181,917**	**1,194,441**	**1,208,767**	**1,227,834**	**1,236,617**	**1,251,408**	**1,259,163**	**1,284,126**	**.7**	**1.2**	**.6**	**2.0**
Illinois	334,709	339,844	343,838	349,360	352,801	357,234	362,423	368,811	372,914	377,431	378,850	388,209	1.1	1.2	.4	2.5
Indiana	137,706	139,569	140,887	143,457	145,340	147,351	149,723	152,190	152,696	153,690	155,030	158,828	.3	.7	.9	2.4
Michigan	246,439	250,770	255,050	256,804	261,211	263,083	263,927	267,843	270,157	273,907	275,118	279,390	.9	1.4	.4	1.6
Ohio	274,499	278,585	282,031	286,039	288,360	290,708	294,306	298,623	299,982	303,185	305,721	310,498	.5	1.1	.8	1.6
Wisconsin	126,813	128,832	130,458	132,685	134,205	136,065	138,388	140,368	140,868	143,196	144,443	147,200	.4	1.7	.9	1.9
Plains	**454,288**	**460,788**	**466,561**	**472,943**	**476,873**	**483,190**	**490,338**	**502,503**	**502,041**	**509,342**	**511,482**	**528,980**	**–.1**	**1.5**	**.4**	**3.4**
Iowa	67,011	67,849	68,339	69,482	68,889	69,777	71,146	73,376	72,215	72,997	73,566	76,504	–1.6	1.1	.8	4.0
Kansas	62,400	63,485	64,333	65,201	65,948	66,755	67,579	69,251	69,055	69,895	70,272	73,524	–.3	1.2	.5	4.6
Minnesota	125,653	128,130	130,216	132,321	134,870	137,142	138,900	142,316	143,018	145,585	146,296	150,044	.5	1.8	.5	2.6
Missouri	129,619	130,899	132,413	134,119	134,292	135,741	137,644	139,338	140,922	142,464	143,307	146,104	1.1	1.1	.6	2.0
Nebraska	40,490	40,835	41,183	41,569	41,792	42,479	43,319	44,624	44,458	45,279	45,335	47,770	–.4	1.8	.1	5.4
North Dakota	13,081	13,264	13,515	13,661	14,240	14,302	14,490	15,369	14,605	14,813	14,460	15,733	–5.0	1.4	–2.4	8.8
South Dakota	16,034	16,327	16,563	16,591	16,841	16,994	17,261	18,229	17,769	18,309	18,246	19,301	–2.5	3.0	–.3	5.8
Southeast	**1,507,448**	**1,523,874**	**1,540,632**	**1,563,807**	**1,583,121**	**1,607,270**	**1,634,507**	**1,661,224**	**1,680,967**	**1,701,177**	**1,715,480**	**1,753,136**	**1.2**	**1.2**	**.8**	**2.2**
Alabama	90,641	91,351	92,156	93,242	94,251	95,129	96,472	97,971	98,636	99,782	100,742	101,915	.7	1.2	1.0	1.2
Arkansas	50,490	51,072	51,487	52,327	52,611	53,108	53,955	55,228	55,352	56,173	55,956	58,202	.2	1.5	–.4	4.0
Florida	369,243	373,859	379,078	384,056	390,706	396,997	403,675	409,456	413,483	420,507	425,494	434,354	1.0	1.7	1.2	2.1
Georgia	181,022	182,856	184,825	187,749	191,279	194,719	199,478	203,799	207,041	210,134	212,697	217,422	1.6	1.5	1.2	2.2
Kentucky	81,813	82,779	83,511	84,621	85,417	86,541	87,945	89,193	90,050	90,813	92,123	93,956	1.0	.8	1.4	2.0
Louisiana	90,823	91,916	92,759	94,447	95,344	96,653	97,326	98,188	98,640	99,407	99,341	101,197	.5	.8	–.1	1.9
Mississippi	50,678	51,336	51,696	52,517	53,280	53,840	54,793	55,727	55,733	56,261	56,972	58,127	0	.9	1.3	2.0
North Carolina	176,699	178,746	180,407	183,527	185,241	188,106	191,606	195,081	197,934	200,334	198,155	205,983	1.5	1.2	–1.1	4.0
South Carolina	79,840	80,649	81,467	82,721	83,465	84,935	86,797	88,394	89,132	90,663	91,859	93,547	.8	1.7	1.3	1.8
Tennessee	123,969	125,134	126,448	128,831	129,621	131,921	133,789	135,695	137,177	139,269	141,194	143,461	1.1	1.5	1.4	1.6
Virginia	177,455	179,057	181,455	184,071	185,815	188,975	191,867	195,456	200,583	200,321	203,034	206,629	2.6	–.1	1.4	1.8
West Virginia	34,774	35,119	35,342	35,698	36,090	36,347	36,804	37,036	37,206	37,511	37,914	38,343	.5	.8	1.1	1.1
Southwest	**655,560**	**667,482**	**679,112**	**690,996**	**706,276**	**715,809**	**729,125**	**741,186**	**750,825**	**762,900**	**770,545**	**785,928**	**1.3**	**1.6**	**1.0**	**2.0**
Arizona	101,152	102,909	104,774	107,036	109,486	111,652	114,212	116,545	116,817	120,395	121,932	124,549	.2	3.1	1.3	2.1
New Mexico	34,442	34,842	35,118	35,416	36,053	36,283	36,862	37,555	37,581	38,198	38,537	39,226	.1	1.6	.9	1.8
Oklahoma	68,911	69,332	69,977	71,241	72,281	72,860	73,727	74,532	75,100	75,993	76,610	78,560	.8	1.2	.8	2.5
Texas	451,056	460,399	469,243	477,303	488,456	495,013	504,323	512,555	521,326	528,315	533,465	543,593	1.7	1.3	1.0	1.9
Rocky Mountain	**201,399**	**205,456**	**209,894**	**213,073**	**218,250**	**220,674**	**224,490**	**229,708**	**233,524**	**238,102**	**240,979**	**246,394**	**1.7**	**2.0**	**1.2**	**2.2**
Colorado	105,289	107,957	110,790	112,877	116,528	117,481	119,708	122,458	124,639	127,480	129,371	132,464	1.8	2.3	1.5	2.4
Idaho	24,869	25,294	25,659	25,937	26,480	26,797	27,337	28,095	28,721	29,093	29,458	30,114	2.2	1.3	1.3	2.2
Montana	17,362	17,558	17,770	18,062	18,205	18,497	18,626	19,357	19,386	19,743	19,404	20,261	.1	1.8	–1.7	4.4
Utah	42,722	43,389	44,263	44,708	45,549	46,346	47,066	47,907	48,533	49,436	50,200	50,812	1.3	1.9	1.5	1.2
Wyoming	11,157	11,258	11,413	11,488	11,488	11,553	11,752	11,891	12,246	12,350	12,546	12,743	3.0	.8	1.6	1.6
Far West	**1,162,353**	**1,182,135**	**1,198,799**	**1,217,506**	**1,237,075**	**1,254,589**	**1,278,768**	**1,304,537**	**1,328,635**	**1,345,553**	**1,370,148**	**1,388,865**	**1.8**	**1.3**	**1.8**	**1.4**
Alaska	16,096	16,433	16,537	16,664	17,030	17,020	17,100	17,346	17,563	17,558	17,668	17,891	1.3	0	.6	1.3
California	842,789	856,733	869,075	882,426	896,905	909,532	927,774	947,597	966,197	980,077	995,816	1,011,268	2.0	1.4	1.6	1.6
Hawaii	30,938	31,171	31,558	31,447	31,676	31,693	31,870	32,186	32,404	32,702	33,398	33,520	.7	.9	2.1	.4
Nevada	46,043	46,971	47,604	48,495	49,374	50,314	51,370	52,616	53,799	54,512	55,105	56,238	2.2	1.3	1.1	2.1
Oregon	79,271	80,298	81,778	82,813	83,697	84,436	85,470	86,570	88,293	89,094	90,619	91,925	2.0	.9	1.7	1.4
Washington	147,215	150,528	152,249	155,661	158,393	161,594	165,183	168,222	170,380	171,610	177,543	178,023	1.3	.7	3.5	.3

p Preliminary.
r Revised.
1. Percent changes are expressed at quarterly rates.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table 7.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	United States							New England						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	7,288,702	7,405,920	7,524,734	7,615,925	7,718,294	7,812,784	7,958,969	430,540	438,716	445,436	450,127	457,380	468,256	473,928
2	Nonfarm personal income	7,252,379	7,365,326	7,464,534	7,570,675	7,670,649	7,781,733	7,906,226	429,931	438,040	444,658	449,405	456,623	467,607	473,260
3	Farm income (line 17)	36,323	40,594	60,199	45,250	47,645	31,052	52,743	609	676	778	721	757	649	668
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	5,247,887	5,342,450	5,452,023	5,526,745	5,608,352	5,685,082	5,792,062	307,081	314,137	320,269	323,667	329,865	339,725	343,660
5	Less: Personal contributions for social insurance [2]	313,280	317,544	321,460	328,381	331,808	336,153	339,823	17,917	18,258	18,517	18,783	19,073	19,602	19,732
6	Plus: Adjustment for residence [3]	–1,005	–1,030	–1,054	–1,139	–1,161	–1,182	–1,199	5,633	5,669	5,597	5,779	5,885	6,062	6,130
7	Equals: Net earnings by place of residence	4,933,602	5,023,876	5,129,510	5,197,224	5,275,384	5,347,747	5,451,040	294,797	301,548	307,348	310,664	316,677	326,185	330,058
8	Plus: Dividends, interest, and rent [4]	1,375,124	1,395,564	1,404,216	1,410,950	1,429,345	1,443,728	1,477,789	79,730	80,942	81,623	82,034	83,000	83,898	85,233
9	Plus: Transfer payments	979,976	986,480	991,008	1,007,751	1,013,565	1,021,309	1,030,140	56,013	56,225	56,465	57,428	57,704	58,172	58,637
10	State unemployment insurance benefits	18,856	20,260	19,608	20,195	19,996	19,892	19,872	1,312	1,396	1,441	1,508	1,450	1,483	1,456
11	Transfers excluding State unemployment insurance benefits	961,120	966,220	971,400	987,556	993,569	1,001,417	1,010,268	54,701	54,829	55,023	55,921	56,253	56,689	57,180
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	4,144,164	4,222,568	4,295,976	4,368,798	4,429,939	4,506,633	4,573,096	245,163	251,199	256,049	258,614	263,547	272,030	274,886
13	Other labor income	509,020	513,176	517,576	523,399	528,428	533,868	538,992	29,036	29,500	29,882	30,020	30,463	31,208	31,413
14	Proprietors' income [5]	594,703	606,706	638,471	634,548	649,985	644,581	679,974	32,882	33,438	34,338	35,034	35,855	36,487	37,361
15	Farm proprietors' income	19,171	23,158	42,475	27,058	28,815	11,537	32,594	210	276	374	307	328	204	209
16	Nonfarm proprietors' income	575,532	583,548	595,996	607,490	621,170	633,044	647,380	32,672	33,162	33,964	34,727	35,527	36,283	37,152
	Earnings by Industry														
17	Farm earnings	36,323	40,594	60,199	45,250	47,645	31,052	52,743	609	676	778	721	757	649	668
18	Nonfarm earnings	5,211,564	5,301,856	5,391,824	5,481,494	5,560,708	5,654,030	5,739,319	306,472	313,460	319,491	322,946	329,108	339,077	342,992
19	Private earnings	4,364,568	4,446,872	4,530,148	4,605,777	4,678,800	4,762,546	4,838,654	266,383	272,932	278,414	281,597	287,048	296,923	300,280
20	Agricultural services, forestry, fishing, and other [6]	33,856	34,504	36,484	37,530	37,588	38,270	40,191	1,706	1,735	1,851	1,922	1,952	1,991	2,102
21	Mining	47,896	47,864	47,528	45,512	44,813	45,448	45,196	306	308	299	324	307	320	322
22	Construction	298,400	304,624	313,624	321,595	327,416	329,099	336,996	15,704	16,045	16,685	17,231	17,684	17,947	18,488
23	Manufacturing	887,956	896,296	899,704	901,125	910,327	923,727	929,042	55,452	56,340	56,912	56,710	56,884	59,855	59,147
24	Durable goods	552,912	557,800	559,464	559,415	566,027	576,333	579,271	37,763	38,293	38,768	38,404	38,320	40,168	39,886
25	Nondurable goods	335,044	338,496	340,240	341,709	344,300	347,393	349,770	17,688	18,047	18,145	18,306	18,564	19,687	19,261
26	Transportation and public utilities	353,276	359,004	366,340	370,379	372,295	377,542	381,463	15,756	15,972	16,337	16,047	16,311	16,806	17,012
27	Wholesale trade	325,928	333,192	339,692	345,726	350,303	357,466	364,372	19,391	19,824	20,224	20,449	20,742	21,753	22,004
28	Retail trade	461,092	468,656	475,332	484,804	492,937	499,440	505,325	26,530	27,133	27,654	28,190	28,974	29,476	29,423
29	Finance, insurance, and real estate	470,760	482,200	495,956	507,235	518,947	529,041	535,003	32,284	33,626	34,607	36,493	36,031	37,508	38,177
30	Services	1,485,404	1,520,532	1,555,488	1,591,871	1,624,173	1,662,515	1,701,067	99,252	101,947	103,845	104,231	108,163	111,265	113,607
31	Government and government enterprises	846,996	854,984	861,676	875,717	881,908	891,484	900,665	40,089	40,528	41,078	41,350	42,061	42,154	42,712
32	Federal, civilian	172,444	173,424	174,904	181,749	180,888	180,049	180,180	6,928	6,941	7,006	7,261	7,270	7,317	7,304
33	Military	70,112	70,124	69,572	71,013	70,388	70,646	70,428	1,767	1,754	1,742	1,762	1,760	1,767	1,777
34	State and local	604,440	611,436	617,200	622,956	630,632	640,789	650,058	31,394	31,833	32,330	32,326	33,031	33,070	33,631

Line	Item	New Hampshire							Rhode Island						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	34,506	35,371	36,102	36,122	36,833	37,547	37,981	27,635	28,119	28,500	28,820	29,081	29,737	30,152
2	Nonfarm personal income	34,472	35,336	36,063	36,083	36,789	37,507	37,937	27,611	28,091	28,467	28,786	29,048	29,712	30,123
3	Farm income (line 17)	34	35	38	38	44	40	44	25	28	33	33	32	25	29
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	22,793	23,506	24,202	24,041	24,589	25,024	25,214	17,650	18,036	18,355	18,562	18,700	19,208	19,481
5	Less: Personal contributions for social insurance [2]	1,418	1,456	1,492	1,487	1,516	1,541	1,545	1,169	1,194	1,210	1,228	1,231	1,262	1,275
6	Plus: Adjustment for residence [3]	2,884	2,928	2,946	3,037	3,094	3,251	3,306	1,045	1,068	1,088	1,111	1,151	1,203	1,216
7	Equals: Net earnings by place of residence	24,259	24,978	25,655	25,591	26,168	26,733	26,975	17,525	17,910	18,234	18,445	18,619	19,149	19,422
8	Plus: Dividends, interest, and rent [4]	6,448	6,584	6,626	6,659	6,772	6,895	7,056	5,431	5,523	5,566	5,596	5,672	5,750	5,855
9	Plus: Transfer payments	3,798	3,810	3,820	3,871	3,893	3,918	3,950	4,679	4,686	4,699	4,779	4,790	4,838	4,875
10	State unemployment insurance benefits	31	35	34	30	31	29	30	139	147	151	159	143	157	154
11	Transfers excluding State unemployment insurance benefits	3,767	3,774	3,786	3,842	3,863	3,890	3,920	4,540	4,539	4,549	4,620	4,647	4,681	4,720
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	18,176	18,783	19,357	19,205	19,648	20,056	20,178	14,052	14,382	14,628	14,783	14,875	15,311	15,522
13	Other labor income	2,031	2,083	2,125	2,096	2,136	2,164	2,167	1,872	1,896	1,915	1,936	1,937	1,985	1,998
14	Proprietors' income [5]	2,586	2,640	2,719	2,740	2,806	2,803	2,868	1,726	1,758	1,813	1,843	1,887	1,912	1,960
15	Farm proprietors' income	–3	–2	1	–1	3	–3	–1	12	15	20	20	19	11	14
16	Nonfarm proprietors' income	2,589	2,642	2,718	2,740	2,802	2,806	2,869	1,714	1,742	1,793	1,823	1,869	1,902	1,946
	Earnings by Industry														
17	Farm earnings	34	35	38	38	44	40	44	25	28	33	33	32	25	29
18	Nonfarm earnings	22,759	23,471	24,163	24,003	24,546	24,984	25,170	17,625	18,008	18,323	18,529	18,667	19,183	19,452
19	Private earnings	20,091	20,804	21,437	21,274	21,771	22,187	22,355	14,434	14,816	15,068	15,194	15,298	15,753	15,995
20	Agricultural services, forestry, fishing, and other [6]	135	138	150	157	155	159	169	108	111	117	117	125	123	129
21	Mining	19	19	21	22	22	22	20	14	14	15	16	16	16	16
22	Construction	1,485	1,567	1,662	1,615	1,671	1,570	1,609	850	875	946	968	1,031	1,049	1,087
23	Manufacturing	5,126	5,365	5,229	5,143	5,178	5,237	5,072	3,135	3,202	3,118	3,288	3,036	3,216	3,217
24	Durable goods	3,719	3,943	3,841	3,801	3,837	3,773	3,656	2,068	2,131	2,061	2,304	1,992	2,147	2,140
25	Nondurable goods	1,407	1,421	1,388	1,342	1,341	1,464	1,416	1,067	1,071	1,058	984	1,044	1,068	1,077
26	Transportation and public utilities	1,059	1,093	1,124	1,053	1,118	1,145	1,155	1,045	1,071	1,087	1,060	1,078	1,129	1,146
27	Wholesale trade	1,587	1,636	1,768	1,770	1,865	1,880	1,939	836	854	895	896	916	928	950
28	Retail trade	2,645	2,711	2,840	2,784	2,885	2,985	3,000	1,561	1,593	1,610	1,643	1,707	1,752	1,768
29	Finance, insurance, and real estate	1,621	1,702	1,863	1,837	1,834	1,906	1,943	1,364	1,430	1,555	1,441	1,487	1,520	1,548
30	Services	6,413	6,573	6,781	6,894	7,044	7,283	7,448	5,522	5,667	5,726	5,767	5,903	6,020	6,135
31	Government and government enterprises	2,668	2,667	2,726	2,729	2,775	2,797	2,815	3,191	3,192	3,255	3,334	3,369	3,430	3,457
32	Federal, civilian	491	483	493	495	496	497	510	669	675	678	696	695	688	685
33	Military	64	64	64	65	64	64	65	328	321	324	332	345	362	348
34	State and local	2,114	2,120	2,169	2,170	2,215	2,235	2,241	2,194	2,195	2,253	2,307	2,330	2,381	2,424

See footnotes at end of table.

and Earnings by Industry [1], 1998:II–1999:IV

adjusted at annual rates]

Connecticut							Maine							Massachusetts							Line
1998			1999				1998			1999				1998			1999				
II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	
120,827	122,993	125,033	125,810	127,588	129,835	130,957	29,046	29,638	30,028	30,176	30,831	31,914	32,184	204,118	207,961	210,937	214,227	217,796	223,741	226,867	1
120,653	122,798	124,817	125,609	127,377	129,646	130,764	28,951	29,538	29,916	30,074	30,715	31,813	32,076	203,964	207,790	210,747	214,038	217,589	223,564	226,694	2
174	194	216	201	212	189	193	95	99	111	102	116	101	108	154	171	190	189	207	177	173	3
84,777	86,690	88,650	88,895	90,367	92,297	92,996	19,415	19,917	20,256	20,325	20,913	21,936	22,040	152,559	155,924	158,564	161,496	164,705	170,495	172,914	4
4,968	5,061	5,153	5,188	5,256	5,355	5,368	1,191	1,218	1,232	1,241	1,273	1,335	1,334	8,541	8,692	8,786	8,983	9,125	9,426	9,515	5
4,848	4,871	4,781	4,994	5,095	5,274	5,344	273	283	293	260	264	265	269	–3,512	–3,583	–3,622	–3,724	–3,821	–4,035	–4,102	6
84,657	86,500	88,278	88,702	90,206	92,216	92,971	18,497	18,982	19,316	19,345	19,904	20,866	20,976	140,506	143,649	146,156	148,790	151,759	157,033	159,297	7
22,085	22,380	22,601	22,701	22,887	23,009	23,260	5,599	5,689	5,725	5,753	5,831	5,916	6,027	37,153	37,709	38,029	38,236	38,707	39,151	39,798	8
14,085	14,113	14,154	14,407	14,496	14,611	14,726	4,950	4,966	4,986	5,079	5,096	5,133	5,181	26,459	26,604	26,752	27,201	27,330	27,556	27,771	9
307	325	330	355	358	362	352	87	88	87	96	82	78	80	702	754	792	819	792	813	797	10
13,777	13,788	13,824	14,053	14,138	14,249	14,375	4,863	4,879	4,899	4,983	5,014	5,055	5,101	25,757	25,849	25,960	26,382	26,539	26,744	26,975	11
67,939	69,588	71,214	71,376	72,576	74,249	74,717	15,050	15,469	15,735	15,776	16,240	17,104	17,145	122,209	125,091	127,121	129,372	131,894	136,817	138,624	12
7,856	7,980	8,128	8,059	8,187	8,304	8,343	2,167	2,214	2,233	2,234	2,282	2,376	2,375	14,159	14,361	14,509	14,715	14,919	15,362	15,492	13
8,982	9,121	9,308	9,461	9,604	9,744	9,935	2,199	2,234	2,288	2,315	2,391	2,457	2,520	16,192	16,472	16,934	17,410	17,892	18,316	18,798	14
56	76	96	78	84	56	55	16	19	31	20	31	14	19	55	72	90	87	102	68	61	15
8,926	9,045	9,211	9,383	9,520	9,688	9,880	2,183	2,214	2,257	2,295	2,360	2,443	2,501	16,136	16,400	16,844	17,323	17,790	18,248	18,737	16
174	194	216	201	212	189	193	95	99	111	102	116	101	108	154	171	190	189	207	177	173	17
84,603	86,495	88,434	88,695	90,155	92,107	92,802	19,320	19,817	20,144	20,223	20,797	21,835	21,932	152,405	155,752	158,374	161,307	164,498	170,318	172,741	18
74,483	76,239	77,959	78,798	79,801	81,831	82,324	15,749	16,166	16,506	16,518	17,073	18,047	18,092	133,459	136,615	139,024	141,265	144,325	150,145	152,311	19
451	459	492	520	512	508	538	206	209	223	236	237	253	266	734	745	794	815	844	868	916	20
157	161	146	166	153	160	161	3	3	3	3	3	3	3	91	87	89	94	91	96	99	21
4,046	4,129	4,257	4,406	4,386	4,449	4,603	1,269	1,301	1,339	1,367	1,478	1,637	1,700	7,331	7,496	7,782	8,160	8,383	8,523	8,762	22
17,046	17,367	17,902	17,742	17,997	18,449	18,210	3,474	3,541	3,544	3,448	3,485	3,764	3,593	24,685	24,826	25,088	25,013	25,045	27,002	26,765	23
11,965	12,249	12,653	12,410	12,514	12,458	12,628	1,773	1,784	1,757	1,730	1,757	1,848	1,802	16,771	16,679	16,963	16,620	16,632	18,327	17,957	24
5,081	5,118	5,250	5,332	5,483	5,991	5,582	1,701	1,757	1,788	1,718	1,728	1,916	1,790	7,914	8,147	8,125	8,393	8,413	8,675	8,808	25
4,481	4,514	4,656	4,559	4,667	4,706	4,790	1,078	1,094	1,117	1,078	1,113	1,169	1,141	7,548	7,645	7,804	7,755	7,799	8,102	8,210	26
5,334	5,324	5,454	5,370	5,225	5,460	5,503	992	1,020	1,054	1,080	1,110	1,134	1,172	10,169	10,508	10,562	10,845	11,124	11,820	11,893	27
6,402	6,565	6,615	6,777	6,895	7,372	7,085	2,244	2,308	2,323	2,335	2,411	2,451	2,498	12,683	12,947	13,242	13,620	14,018	13,852	13,995	28
11,496	11,951	12,294	13,032	12,682	12,850	13,098	1,242	1,305	1,379	1,386	1,488	1,679	1,626	16,017	16,678	16,933	18,218	17,933	18,934	19,332	29
25,070	25,770	26,143	26,225	27,283	27,876	28,334	5,241	5,383	5,522	5,585	5,748	5,955	6,092	54,200	55,682	56,731	56,746	59,089	60,948	62,339	30
10,120	10,256	10,475	9,897	10,354	10,277	10,479	3,571	3,652	3,639	3,705	3,724	3,787	3,840	18,946	19,138	19,350	20,042	20,173	20,173	20,430	31
1,307	1,311	1,314	1,368	1,343	1,348	1,363	771	783	797	818	831	835	839	3,383	3,376	3,411	3,556	3,573	3,614	3,575	32
515	497	491	496	486	477	495	297	302	302	309	311	313	316	504	509	501	500	494	490	493	33
8,298	8,448	8,670	8,032	8,525	8,452	8,620	2,504	2,566	2,540	2,578	2,582	2,639	2,685	15,060	15,253	15,439	15,985	16,106	16,069	16,363	34

Vermont							**Mideast**							Delaware							Line
1998			1999				1998			1999				1998			1999				
II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	
14,409	14,634	14,836	14,972	15,252	15,481	15,787	1,382,189	1,401,211	1,412,306	1,433,189	1,452,432	1,476,732	1,497,612	21,671	21,961	22,429	22,648	22,760	23,283	23,798	1
14,281	14,486	14,647	14,815	15,106	15,365	15,666	1,380,429	1,399,308	1,410,018	1,431,642	1,450,729	1,475,230	1,495,797	21,568	21,842	22,272	22,571	22,682	23,211	23,710	2
127	148	190	157	146	117	121	1,760	1,903	2,288	1,547	1,703	1,503	1,815	103	119	157	78	78	72	87	3
9,888	10,064	10,242	10,347	10,591	10,766	11,016	1,004,242	1,019,366	1,027,821	1,046,515	1,063,034	1,085,253	1,099,949	16,777	16,964	17,467	17,670	17,674	18,222	18,703	4
630	638	644	656	670	682	696	60,685	61,386	61,542	63,027	63,742	64,865	65,452	1,021	1,027	1,053	1,075	1,070	1,101	1,126	5
95	103	111	101	101	104	97	–14,191	–14,333	–14,139	–14,656	–15,109	–15,206	–15,281	–865	–860	–909	–933	–903	–973	–1,023	6
9,352	9,529	9,709	9,792	10,022	10,188	10,417	929,367	943,648	952,140	968,832	984,183	1,005,182	1,019,215	14,892	15,077	15,505	15,662	15,701	16,147	16,553	7
3,014	3,058	3,075	3,090	3,132	3,178	3,237	253,395	256,597	257,999	259,069	261,955	263,803	268,949	4,239	4,313	4,348	4,367	4,421	4,474	4,555	8
2,042	2,047	2,052	2,090	2,098	2,115	2,133	199,427	200,966	202,166	205,288	206,294	207,748	209,448	2,540	2,571	2,576	2,620	2,638	2,662	2,690	9
45	47	46	50	45	45	43	4,449	4,609	4,576	4,603	4,462	4,414	4,421	65	73	58	53	54	53	55	10
1,997	2,000	2,006	2,041	2,054	2,070	2,089	194,978	196,357	197,590	200,685	201,832	203,334	205,028	2,475	2,498	2,518	2,566	2,584	2,608	2,635	11
7,739	7,886	7,994	8,102	8,315	8,493	8,700	795,457	808,689	814,595	830,689	843,083	861,525	872,585	13,811	13,974	14,392	14,635	14,611	15,102	15,503	12
951	965	971	980	1,002	1,018	1,037	92,089	92,513	92,497	93,783	94,710	96,045	96,835	1,761	1,752	1,781	1,799	1,795	1,840	1,884	13
1,198	1,214	1,277	1,265	1,275	1,255	1,279	116,695	118,165	120,728	122,043	125,241	127,683	130,528	1,204	1,239	1,295	1,235	1,268	1,280	1,315	14
74	96	136	102	90	58	61	584	724	1,101	333	454	215	492	68	84	121	41	40	32	46	15
1,123	1,118	1,141	1,163	1,185	1,197	1,218	116,111	117,441	119,628	121,710	124,787	127,468	130,036	1,137	1,155	1,174	1,194	1,229	1,248	1,269	16
127	148	190	157	146	117	121	1,760	1,903	2,288	1,547	1,703	1,503	1,815	103	119	157	78	78	72	87	17
9,760	9,916	10,053	10,190	10,445	10,649	10,895	1,002,482	1,017,463	1,025,533	1,044,968	1,061,332	1,083,750	1,098,133	16,674	16,845	17,311	17,592	17,596	18,150	18,615	18
8,167	8,292	8,420	8,547	8,779	8,960	9,203	839,254	852,942	860,974	877,392	893,092	912,020	924,255	14,321	14,456	14,917	15,137	15,154	15,698	16,124	19
72	72	76	77	80	81	84	5,187	5,265	5,479	5,711	5,685	5,781	6,029	75	78	82	83	85	84	88	20
22	23	24	23	22	23	22	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13	13	13	13	13	14	14	21
724	678	700	716	735	718	725	(D)	(D)	(D)	(D)	(D)	(D)	(D)	978	1,029	1,014	1,054	1,149	1,130	1,127	22
1,986	2,040	2,031	2,077	2,142	2,187	2,290	139,300	139,873	140,282	140,473	141,695	142,339	143,643	3,915	3,764	3,871	3,828	3,908	4,019	4,282	23
1,466	1,507	1,494	1,540	1,587	1,614	1,703	68,677	68,517	68,473	68,647	68,997	69,901	70,269	1,009	984	1,042	1,058	1,051	1,105	1,262	24
519	533	536	537	555	573	587	70,623	71,356	71,808	71,826	72,698	72,438	73,374	2,906	2,780	2,829	2,769	2,857	2,914	3,021	25
545	555	550	542	537	555	569	65,300	65,462	66,737	66,083	66,701	67,901	68,170	745	769	794	773	794	823	846	26
472	482	490	488	503	530	547	59,283	60,712	61,303	62,740	63,273	64,709	66,308	647	662	690	709	718	742	764	27
995	1,009	1,025	1,031	1,058	1,065	1,077	72,497	73,840	74,732	75,500	76,835	77,698	78,597	1,396	1,432	1,458	1,490	1,514	1,533	1,561	28
545	561	582	579	607	618	630	140,037	142,069	139,393	146,002	150,984	156,768	155,960	2,464	2,479	2,718	2,912	2,584	2,862	2,852	29
2,806	2,873	2,943	3,014	3,096	3,183	3,259	311,096	318,263	324,529	330,924	336,522	344,381	352,031	4,089	4,230	4,276	4,276	4,389	4,493	4,589	30
1,593	1,624	1,633	1,643	1,666	1,689	1,691	163,228	164,522	164,559	167,576	168,240	171,731	173,878	2,353	2,389	2,394	2,455	2,443	2,452	2,491	31
308	313	313	329	332	335	332	44,300	44,367	44,532	46,393	46,278	46,086	45,954	315	313	307	319	317	312	310	32
60	61	61	61	60	61	61	6,202	6,244	6,204	6,338	6,283	6,322	6,267	240	242	242	247	247	250	249	33
1,225	1,250	1,259	1,253	1,274	1,294	1,298	112,727	113,911	113,824	114,845	115,678	119,323	121,657	1,798	1,834	1,845	1,889	1,878	1,889	1,932	34

Table 7.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	District of Columbia							Maryland						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	18,892	19,103	19,274	19,637	19,809	19,858	20,056	155,623	158,173	160,240	162,887	164,593	167,615	170,305
2	Nonfarm personal income	18,892	19,103	19,274	19,637	19,809	19,858	20,056	155,357	157,875	159,853	162,620	164,320	167,380	170,010
3	Farm income (line 17)	0	0	0	0	0	0	0	266	297	387	267	273	235	295
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	40,462	41,034	41,195	42,574	43,129	42,992	43,473	100,520	102,459	104,184	105,883	107,243	110,137	112,054
5	Less: Personal contributions for social insurance [2]	2,021	2,056	2,061	2,145	2,169	2,150	2,169	6,059	6,157	6,238	6,377	6,439	6,602	6,692
6	Plus: Adjustment for residence [3]	–25,454	–25,806	–25,836	–26,808	–27,177	–26,992	–27,262	16,609	16,838	16,967	17,652	17,662	17,573	17,832
7	Equals: Net earnings by place of residence	12,987	13,172	13,298	13,621	13,783	13,850	14,041	111,070	113,140	114,914	117,159	118,467	121,108	123,193
8	Plus: Dividends, interest, and rent [4]	3,334	3,334	3,364	3,374	3,370	3,344	3,334	28,255	28,628	28,849	28,981	29,284	29,544	29,971
9	Plus: Transfer payments	2,571	2,598	2,613	2,642	2,656	2,664	2,681	16,298	16,404	16,478	16,747	16,842	16,964	17,140
10	State unemployment insurance benefits	61	66	64	63	66	59	60	336	333	304	294	285	271	294
11	Transfers excluding State unemployment insurance benefits	2,510	2,531	2,548	2,579	2,590	2,605	2,621	15,962	16,071	16,173	16,453	16,557	16,693	16,846
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	31,854	32,392	32,529	33,691	34,187	34,033	34,463	80,786	82,457	83,909	85,394	86,530	89,099	90,658
13	Other labor income	6,361	6,372	6,365	6,549	6,566	6,539	6,552	11,099	11,231	11,265	11,513	11,559	11,797	11,965
14	Proprietors' income [5]	2,247	2,270	2,301	2,334	2,376	2,419	2,457	8,635	8,771	9,009	8,977	9,154	9,242	9,432
15	Farm proprietors' income	0	0	0	0	0	0	0	144	175	264	140	143	100	156
16	Nonfarm proprietors' income	2,247	2,270	2,301	2,334	2,376	2,419	2,457	8,491	8,596	8,746	8,836	9,011	9,141	9,276
	Earnings by Industry														
17	Farm earnings	0	0	0	0	0	0	0	266	297	387	267	273	235	295
18	Nonfarm earnings	40,462	41,034	41,195	42,574	43,129	42,992	43,473	100,254	102,161	103,797	105,617	106,970	109,902	111,759
19	Private earnings	22,718	23,353	23,512	24,453	25,054	24,853	25,318	76,210	77,560	79,709	80,305	82,107	84,275	85,160
20	Agricultural services, forestry, fishing, and other [6]	847	874	870	933	944	1,034	1,068	561	579	610	633	639	625	652
21	Mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	90	94	97	93	91	98	98
22	Construction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,614	6,797	7,041	7,013	7,313	7,412	7,487
23	Manufacturing	978	944	929	1,023	1,000	1,006	942	8,608	8,583	8,727	8,772	8,872	9,060	9,048
24	Durable goods	201	169	175	184	195	157	153	4,668	4,565	4,603	4,608	4,604	4,745	4,743
25	Nondurable goods	776	774	754	839	805	849	789	3,940	4,018	4,124	4,163	4,268	4,314	4,305
26	Transportation and public utilities	1,131	1,136	1,179	1,372	1,475	1,439	1,467	5,818	5,923	5,979	5,979	6,029	6,178	6,253
27	Wholesale trade	320	309	343	431	405	412	428	5,420	5,547	5,641	5,769	5,876	6,081	6,230
28	Retail trade	877	877	880	862	880	902	911	9,025	9,102	9,321	9,257	9,326	9,529	9,643
29	Finance, insurance, and real estate	2,309	2,379	2,374	2,441	2,659	2,630	2,669	8,324	8,363	8,675	8,645	9,028	9,753	9,384
30	Services	15,807	16,386	16,491	16,967	17,264	16,998	17,380	31,750	32,571	33,618	34,143	34,931	35,538	36,365
31	Government and government enterprises	17,744	17,681	17,683	18,121	18,075	18,139	18,154	24,044	24,601	24,088	25,312	24,864	25,628	26,599
32	Federal, civilian	14,438	14,367	14,360	14,956	14,820	14,917	14,908	10,499	10,583	10,684	11,148	11,163	11,116	11,093
33	Military	1,077	1,085	1,070	1,101	1,108	1,115	1,097	2,002	2,014	1,997	2,053	2,036	2,037	2,026
34	State and local	2,229	2,229	2,253	2,063	2,146	2,107	2,149	11,543	12,004	11,407	12,111	11,665	12,474	13,480

Line	Item	Great Lakes							Illinois						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	1,194,441	1,208,767	1,227,834	1,236,617	1,251,408	1,259,163	1,284,126	357,234	362,423	368,811	372,914	377,431	378,850	388,209
2	Nonfarm personal income	1,191,394	1,205,276	1,221,556	1,233,841	1,248,787	1,259,313	1,279,394	356,473	361,518	366,779	372,248	377,078	379,451	386,806
3	Farm income (line 17)	3,047	3,491	6,279	2,776	2,622	–150	4,732	761	904	2,031	666	353	–600	1,404
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	858,532	868,748	887,685	893,633	905,082	908,460	927,278	260,725	264,758	270,758	274,166	277,629	277,557	284,939
5	Less: Personal contributions for social insurance [2]	50,823	51,180	51,919	52,701	53,182	53,306	53,925	15,135	15,283	15,491	15,834	15,975	15,930	16,175
6	Plus: Adjustment for residence [3]	3,452	3,535	3,538	3,618	3,666	3,739	3,791	–945	–936	–992	–1,025	–1,043	–986	–1,039
7	Equals: Net earnings by place of residence	811,161	821,103	839,304	844,550	855,565	858,893	877,144	244,645	248,538	254,275	257,307	260,610	260,641	267,726
8	Plus: Dividends, interest, and rent [4]	228,345	231,831	233,167	234,310	237,505	240,883	246,227	71,111	72,289	72,808	73,193	74,228	75,289	77,183
9	Plus: Transfer payments	154,935	155,833	155,364	157,757	158,339	159,387	160,755	41,479	41,595	41,727	42,414	42,592	42,921	43,301
10	State unemployment insurance benefits	3,167	3,975	3,170	3,407	3,192	3,194	3,382	1,085	1,087	1,070	1,151	1,104	1,138	1,186
11	Transfers excluding State unemployment insurance benefits	151,768	151,859	152,194	154,349	155,148	156,193	157,373	40,395	40,509	40,656	41,263	41,488	41,783	42,115
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	697,073	705,995	719,928	727,449	736,701	741,507	752,949	208,219	211,431	215,401	219,180	221,919	222,224	226,489
13	Other labor income	85,793	85,780	86,591	87,105	87,935	88,018	88,925	24,349	24,556	24,817	25,126	25,404	25,270	25,619
14	Proprietors' income [5]	75,666	76,973	81,167	79,080	80,445	78,935	85,404	28,157	28,771	30,540	29,860	30,306	30,063	32,831
15	Farm proprietors' income	894	1,292	4,041	495	279	–2,557	2,264	374	508	1,627	254	–71	–1,036	957
16	Nonfarm proprietors' income	74,772	75,680	77,126	78,585	80,165	81,493	83,140	27,783	28,263	28,913	29,606	30,376	31,099	31,874
	Earnings by Industry														
17	Farm earnings	3,047	3,491	6,279	2,776	2,622	–150	4,732	761	904	2,031	666	353	–600	1,404
18	Nonfarm earnings	855,485	865,257	881,407	890,857	902,460	908,609	922,546	259,963	263,854	268,727	273,500	277,276	278,157	283,536
19	Private earnings	737,533	746,728	762,240	769,487	779,910	786,396	799,364	225,388	228,924	233,695	237,387	240,771	241,798	246,821
20	Agricultural services, forestry, fishing, and other [6]	4,019	4,021	4,383	4,426	4,438	4,478	4,709	1,227	1,228	1,376	1,344	1,372	1,369	1,440
21	Mining	2,597	2,678	2,643	2,536	2,506	2,592	2,576	695	759	717	679	689	720	719
22	Construction	48,615	49,201	50,513	51,935	52,568	52,063	52,911	13,749	14,215	14,672	15,203	15,303	15,068	15,248
23	Manufacturing	219,000	219,379	222,072	222,550	224,439	226,318	229,086	49,046	48,997	48,956	48,948	50,003	49,247	50,659
24	Durable goods	151,829	151,529	153,522	153,710	155,377	157,137	158,604	29,767	29,599	29,504	29,568	30,292	29,613	30,562
25	Nondurable goods	67,171	67,850	68,550	68,840	69,062	69,181	70,482	19,279	19,398	19,452	19,381	19,711	19,634	20,097
26	Transportation and public utilities	52,616	53,419	54,525	53,792	53,641	53,790	54,242	19,501	19,817	20,197	20,072	19,972	19,783	19,995
27	Wholesale trade	55,474	56,312	57,501	58,085	58,906	59,708	61,160	18,435	18,725	19,115	19,446	19,780	20,103	20,571
28	Retail trade	72,982	73,275	73,974	74,876	76,145	76,636	77,326	20,382	20,288	20,417	20,952	20,981	21,284	21,408
29	Finance, insurance, and real estate	63,823	65,393	69,194	69,960	70,394	70,780	72,075	26,305	26,805	28,441	29,929	29,159	29,819	30,346
30	Services	218,409	223,051	227,435	231,330	236,873	240,030	245,279	76,047	78,091	79,804	80,813	83,511	84,404	86,436
31	Government and government enterprises	117,952	118,529	119,167	121,370	122,550	122,213	123,181	34,576	34,929	35,032	36,113	36,505	36,360	36,715
32	Federal, civilian	18,281	18,411	18,612	19,395	19,424	19,274	19,300	5,868	5,911	5,946	6,182	6,218	6,108	6,077
33	Military	3,705	3,691	3,659	3,692	3,774	3,838	3,746	1,839	1,833	1,815	1,810	1,911	1,980	1,890
34	State and local	95,965	96,428	96,896	98,283	99,351	99,101	100,136	26,868	27,185	27,272	28,121	28,376	28,272	28,748

See footnotes at end of table.

and Earnings by Industry [1], 1998:II–1999:IV—Continued

adjusted at annual rates]

New Jersey							New York							Pennsylvania							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
276,110	281,579	283,354	287,484	291,224	295,605	301,782	582,400	588,884	591,100	602,970	611,914	624,783	631,171	327,493	331,511	335,909	337,562	342,132	345,588	350,500	1
275,875	281,326	283,074	287,254	290,991	295,371	301,538	581,888	588,342	590,455	602,476	611,339	624,283	630,547	326,849	330,819	335,089	337,084	341,588	345,126	349,935	2
235	252	280	230	234	234	244	512	542	645	494	574	500	624	644	692	820	479	544	462	565	3
188,299	193,270	194,607	197,550	200,098	203,869	208,236	433,333	437,681	438,243	450,036	458,209	470,790	474,931	224,850	227,958	232,124	232,803	236,681	239,242	242,553	4
11,688	11,989	12,008	12,234	12,322	12,489	12,699	26,024	26,160	26,001	26,901	27,261	27,944	28,051	13,872	13,997	14,182	14,294	14,481	14,579	14,715	5
17,410	17,275	17,208	17,865	18,273	18,974	18,943	–23,378	–23,365	–23,117	–24,081	–24,579	–25,560	–25,631	1,487	1,586	1,549	1,647	1,615	1,773	1,860	6
194,022	198,557	199,807	203,181	206,049	210,354	214,480	383,931	388,156	389,125	399,054	406,368	417,286	421,249	212,465	215,546	219,491	220,156	223,815	226,436	229,699	7
50,775	51,637	52,047	52,315	53,015	52,894	54,701	105,012	106,243	106,682	107,069	108,224	109,450	111,080	61,780	62,441	62,710	62,963	63,640	64,098	65,308	8
31,314	31,385	31,499	31,988	32,160	32,357	32,602	93,457	94,485	95,293	96,847	97,321	98,047	98,842	53,247	53,524	53,708	54,444	54,677	55,055	55,493	9
1,064	1,057	1,065	1,097	1,099	1,074	1,069	1,503	1,588	1,631	1,663	1,574	1,561	1,523	1,420	1,492	1,454	1,432	1,385	1,395	1,419	10
30,250	30,328	30,434	30,891	31,061	31,283	31,533	91,955	92,897	93,662	95,184	95,747	96,486	97,319	51,827	52,032	52,254	53,011	53,292	53,660	54,074	11
150,082	154,652	155,595	157,815	159,513	162,356	165,713	342,883	346,601	346,278	356,646	362,700	373,342	376,198	176,041	178,613	181,892	182,509	185,542	187,592	190,050	12
16,096	16,096	15,904	16,039	16,156	16,321	16,571	35,070	35,174	35,043	35,803	36,261	37,048	37,159	21,702	21,888	22,139	22,080	22,373	22,499	22,704	13
22,121	22,522	23,108	23,696	24,428	25,192	25,951	55,380	55,906	56,922	57,587	59,248	60,400	61,574	27,108	27,457	28,093	28,214	28,765	29,151	29,799	14
63	81	107	51	48	40	44	108	135	235	77	147	61	174	202	249	374	24	77	–18	72	15
22,058	22,442	23,001	23,645	24,380	25,151	25,908	55,272	55,770	56,687	57,511	59,102	60,339	61,400	26,906	27,208	27,719	28,190	28,689	29,169	29,727	16
235	252	280	230	234	234	244	512	542	645	494	574	500	624	644	692	820	479	544	462	565	17
188,064	193,018	194,327	197,320	199,864	203,636	207,992	432,821	437,139	437,598	449,542	457,635	470,291	474,307	224,207	227,266	231,305	232,324	236,137	238,780	241,988	18
161,138	166,189	168,029	170,485	172,877	175,548	179,321	370,561	374,234	373,995	384,664	392,043	403,977	407,790	194,305	197,150	200,812	202,348	205,857	207,668	210,541	19
807	805	849	905	862	838	880	1,828	1,848	1,930	1,997	1,979	2,007	2,088	1,069	1,082	1,137	1,161	1,177	1,193	1,252	20
226	230	234	239	226	229	229	421	415	414	409	413	430	417	1,582	1,621	1,612	1,598	1,547	1,627	1,600	21
8,237	8,417	8,449	8,860	9,138	9,468	9,708	15,513	15,718	16,102	16,658	17,154	17,446	17,914	12,429	12,676	13,097	13,595	13,924	14,156	14,470	22
28,601	29,292	29,404	29,336	29,632	29,402	29,959	50,555	50,150	50,181	50,234	50,387	51,422	51,335	46,644	47,140	47,168	47,281	47,896	47,429	48,077	23
9,819	10,097	10,030	10,040	10,274	10,310	10,471	26,734	26,272	26,353	26,381	26,308	27,207	26,993	26,246	26,430	26,270	26,375	26,565	26,376	26,648	24
18,782	19,195	19,374	19,296	19,358	19,092	19,488	23,821	23,878	23,828	23,853	24,079	24,215	24,342	20,398	20,711	20,898	20,907	21,331	21,053	21,429	25
16,206	16,385	16,622	16,461	16,392	16,552	16,751	26,088	25,698	26,180	25,897	26,161	26,979	26,846	15,311	15,551	15,982	15,601	15,851	15,931	16,007	26
16,472	17,015	17,283	17,708	17,756	17,931	18,361	23,919	24,421	24,411	24,899	25,210	26,002	26,649	12,504	12,758	12,936	13,224	13,306	13,541	13,876	27
14,232	14,525	14,516	14,617	14,797	15,040	15,278	27,378	28,077	28,440	29,106	29,711	30,075	30,469	19,589	19,827	20,117	20,169	20,607	20,620	20,735	28
17,431	18,656	19,087	19,412	20,103	20,259	20,687	91,555	92,003	87,540	93,793	97,142	101,580	100,389	17,954	18,189	18,998	18,799	19,468	19,684	19,979	29
58,925	60,865	61,583	62,948	63,970	65,830	67,468	133,304	135,904	138,796	141,670	143,886	148,036	151,684	67,221	68,307	69,765	70,920	72,082	73,486	74,546	30
26,926	26,829	26,299	26,835	26,987	28,087	28,671	62,260	62,905	63,604	64,878	65,591	66,313	66,517	29,902	30,115	30,492	29,976	30,280	31,112	31,446	31
4,210	4,234	4,256	4,423	4,388	4,386	4,358	8,333	8,386	8,433	8,829	8,834	8,713	8,688	6,505	6,483	6,492	6,718	6,755	6,641	6,597	32
755	775	772	780	779	779	774	1,347	1,342	1,340	1,354	1,322	1,354	1,327	782	785	783	801	790	786	793	33
21,961	21,819	21,270	21,632	21,819	22,922	23,538	52,580	53,177	53,831	54,694	55,436	56,246	56,502	22,616	22,848	23,217	22,457	22,734	23,684	24,057	34

Indiana							Michigan							Ohio							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
147,351	149,723	152,190	152,696	153,690	155,030	158,828	263,083	263,927	267,843	270,157	273,907	275,118	279,390	290,708	294,306	298,623	299,982	303,185	305,721	310,498	1
147,031	149,305	151,206	152,500	153,514	155,567	158,087	262,743	263,475	267,073	269,576	273,196	274,824	278,617	289,839	293,372	297,210	299,338	302,487	305,306	309,410	2
320	417	985	196	175	–536	741	340	452	770	581	711	294	773	869	934	1,414	645	699	415	1,088	3
104,957	106,726	109,028	109,155	109,640	110,533	113,488	191,511	191,277	195,772	197,440	200,615	200,872	203,966	206,332	209,078	213,391	213,998	216,439	218,069	221,583	4
6,587	6,665	6,744	6,832	6,836	6,913	6,992	11,673	11,605	11,818	11,986	12,127	12,113	12,226	11,565	11,671	11,841	11,969	12,065	12,127	12,244	5
2,786	2,831	2,875	2,943	2,997	2,992	3,055	890	929	940	926	929	956	972	–1,704	–1,733	–1,789	–1,784	–1,807	–1,819	–1,837	6
101,157	102,892	105,159	105,265	105,800	106,612	109,551	180,729	180,602	184,893	186,380	189,417	189,715	192,711	193,063	195,673	199,760	200,246	202,567	204,122	207,502	7
26,900	27,297	27,453	27,591	27,972	28,385	29,106	47,396	48,148	48,374	48,603	49,260	49,971	50,914	55,555	56,299	56,616	56,863	57,537	58,228	59,277	8
19,294	19,534	19,579	19,840	19,917	20,033	20,171	34,959	35,178	34,575	35,174	35,230	35,431	35,764	42,090	42,334	42,246	42,874	43,081	43,371	43,719	9
246	321	235	254	242	240	246	791	1,316	833	924	793	748	804	602	780	578	627	620	629	660	10
19,048	19,213	19,344	19,586	19,676	19,793	19,925	34,168	33,861	33,743	34,250	34,437	34,683	34,960	41,488	41,553	41,668	42,247	42,461	42,742	43,059	11
85,639	87,167	88,675	89,422	89,796	91,183	92,576	156,945	156,937	160,664	162,206	164,689	165,194	167,373	168,458	170,959	174,352	175,431	177,472	179,135	181,543	12
10,676	10,741	10,823	10,881	10,879	10,978	11,105	20,210	19,797	19,969	20,071	20,278	20,297	20,454	20,730	20,737	20,934	21,008	21,183	21,205	21,387	13
8,642	8,818	9,530	8,851	8,964	8,372	9,806	14,356	14,543	15,138	15,163	15,648	15,382	16,140	17,145	17,381	18,104	17,559	17,785	17,728	18,653	14
50	140	701	–94	–121	–841	429	–204	–100	209	9	123	–311	152	527	581	1,052	276	321	27	691	15
8,592	8,679	8,829	8,945	9,085	9,213	9,377	14,561	14,643	14,929	15,154	15,525	15,693	15,988	16,618	16,800	17,052	17,283	17,464	17,701	17,962	16
320	417	985	196	175	–536	741	340	452	770	581	711	294	773	869	934	1,414	645	699	415	1,088	17
104,638	106,309	108,043	108,959	109,464	111,069	112,747	191,171	190,825	195,002	196,860	199,904	200,578	203,193	205,464	208,144	211,977	213,354	215,741	217,654	220,494	18
90,800	92,330	94,107	94,730	95,145	96,873	98,447	165,753	165,407	169,571	171,109	173,923	174,605	177,093	175,130	177,847	181,327	182,145	184,218	186,521	189,041	19
459	465	493	509	517	513	540	875	857	939	957	965	938	992	933	941	1,008	1,027	990	1,047	1,097	20
414	425	425	412	396	418	414	522	524	510	492	482	487	486	823	825	844	816	803	826	819	21
7,054	7,025	7,081	7,107	7,143	7,156	7,271	10,411	10,269	10,676	10,820	11,388	11,054	11,226	11,445	11,653	11,988	12,263	12,156	12,383	12,629	22
31,697	32,038	32,515	33,102	32,539	33,289	33,846	59,667	58,988	60,666	61,108	61,398	62,382	62,877	52,767	53,007	53,497	53,462	53,858	54,483	54,580	23
23,059	23,201	23,365	23,400	23,654	24,408	24,925	46,532	45,965	47,559	48,094	48,132	49,218	49,179	36,212	36,258	36,602	36,533	36,721	37,321	37,400	24
8,638	8,837	9,149	9,702	8,884	8,881	8,922	13,135	13,023	13,107	13,014	13,266	13,164	13,697	16,555	16,749	16,895	16,929	17,138	17,162	17,180	25
6,321	6,488	6,693	6,501	6,465	6,529	6,571	9,522	9,563	9,782	9,619	9,546	9,695	9,778	11,700	11,913	12,135	11,901	11,874	11,949	12,020	26
5,949	6,076	6,235	6,291	6,389	6,438	6,628	12,025	11,906	12,149	12,244	12,438	12,515	12,799	13,356	13,696	14,020	14,073	14,225	14,465	14,838	27
9,572	9,726	9,828	9,882	10,177	10,262	10,382	15,689	15,610	15,721	16,062	16,341	16,138	16,327	18,963	19,209	19,465	19,236	19,853	20,035	20,185	28
6,408	6,625	7,020	7,037	6,981	7,144	7,272	10,847	11,131	11,559	11,124	11,701	11,436	11,618	13,844	14,280	15,094	14,954	15,418	15,375	15,696	29
22,926	23,463	23,818	23,889	24,540	25,124	25,522	46,195	46,560	47,570	48,684	49,664	49,961	50,989	51,297	52,324	53,277	54,413	55,041	55,957	57,176	30
13,838	13,979	13,936	14,229	14,319	14,196	14,300	25,418	25,418	25,431	25,751	25,981	25,973	26,100	30,334	30,297	30,650	31,209	31,522	31,133	31,454	31
2,211	2,239	2,301	2,343	2,359	2,354	2,410	3,369	3,396	3,411	3,647	3,600	3,595	3,580	5,206	5,221	5,267	5,460	5,484	5,472	5,488	32
333	333	331	337	336	339	337	361	360	359	365	361	359	365	887	883	876	894	883	879	872	33
11,293	11,407	11,304	11,548	11,624	11,503	11,553	21,688	21,662	21,661	21,738	22,020	22,018	22,156	24,241	24,193	24,507	24,854	25,155	24,783	25,094	34

Table 7.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Wisconsin							Plains						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	136,065	138,388	140,368	140,868	143,196	144,443	147,200	483,190	490,338	502,503	502,041	509,342	511,482	528,980
2	Nonfarm personal income	135,308	137,605	139,288	140,178	142,512	144,165	146,474	477,750	484,227	490,180	496,572	503,506	508,942	518,631
3	Farm income (line 17)	757	783	1,080	689	684	278	726	5,440	6,111	12,323	5,469	5,836	2,539	10,348
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	95,006	96,909	98,737	98,874	100,759	101,429	103,302	346,064	351,795	363,461	361,966	367,867	368,093	381,851
5	Less: Personal contributions for social insurance [2]	5,863	5,956	6,024	6,080	6,179	6,223	6,288	21,829	22,054	22,294	22,736	23,009	23,132	23,412
6	Plus: Adjustment for residence [3]	2,425	2,444	2,504	2,558	2,590	2,597	2,640	–3,813	–3,878	–3,928	–3,988	–4,046	–4,086	–4,133
7	Equals: Net earnings by place of residence	91,568	93,397	95,216	95,352	97,170	97,803	99,654	320,423	325,863	337,239	335,243	340,812	340,875	354,307
8	Plus: Dividends, interest, and rent [4]	27,384	27,799	27,915	28,061	28,508	29,010	29,747	98,927	100,187	100,593	101,080	102,488	104,021	107,507
9	Plus: Transfer payments	17,113	17,193	17,236	17,455	17,518	17,631	17,800	63,841	64,288	64,671	65,718	66,043	66,586	67,166
10	State unemployment insurance benefits	444	471	454	452	433	438	487	965	1,010	1,020	1,066	1,020	1,077	1,109
11	Transfers excluding State unemployment insurance benefits	16,670	16,722	16,782	17,003	17,085	17,192	17,313	62,876	63,278	63,651	64,652	65,023	65,509	66,056
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	77,813	79,501	80,835	81,209	82,825	83,770	84,968	276,437	280,900	285,426	289,788	294,305	297,088	301,824
13	Other labor income	9,828	9,949	10,047	10,019	10,191	10,268	10,360	33,263	33,503	33,791	34,102	34,489	34,648	35,098
14	Proprietors' income [5]	7,366	7,460	7,854	7,646	7,743	7,391	7,974	36,365	37,393	44,244	38,077	39,074	36,356	44,930
15	Farm proprietors' income	147	164	452	50	27	–396	35	3,416	4,019	10,176	3,264	3,552	171	7,903
16	Nonfarm proprietors' income	7,219	7,295	7,402	7,597	7,715	7,787	7,939	32,949	33,374	34,068	34,813	35,522	36,185	37,027
	Earnings by Industry														
17	Farm earnings	757	783	1,080	689	684	278	726	5,440	6,111	12,323	5,469	5,836	2,539	10,348
18	Nonfarm earnings	94,249	96,126	97,657	98,185	100,075	101,151	102,576	340,624	345,684	351,138	356,497	362,032	365,554	371,503
19	Private earnings	80,463	82,220	83,539	84,116	85,853	86,599	87,964	287,239	291,771	296,592	301,482	306,381	309,417	314,538
20	Agricultural services, forestry, fishing, and other [6]	526	530	566	590	594	611	640	(D)	(D)	(D)	(D)	(D)	(D)	(D)
21	Mining	144	145	147	137	136	142	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)
22	Construction	5,956	6,040	6,096	6,541	6,578	6,402	6,537	21,184	21,570	22,179	23,030	23,445	23,711	24,374
23	Manufacturing	25,822	26,350	26,439	25,929	26,641	26,918	27,124	64,775	65,242	64,742	64,922	65,673	65,716	66,212
24	Durable goods	16,259	16,507	16,492	16,115	16,578	16,577	16,537	39,010	39,104	38,767	38,408	38,966	39,201	39,767
25	Nondurable goods	9,564	9,843	9,947	9,814	10,063	10,341	10,586	25,765	26,138	25,975	26,513	26,707	26,515	26,445
26	Transportation and public utilities	5,571	5,638	5,718	5,699	5,783	5,833	5,878	26,191	26,403	26,966	27,652	27,583	27,730	28,052
27	Wholesale trade	5,708	5,909	5,982	6,031	6,075	6,187	6,323	24,805	25,239	25,567	25,905	26,240	26,818	27,088
28	Retail trade	8,376	8,442	8,543	8,743	8,794	8,917	9,024	31,978	32,670	33,015	34,112	34,335	34,295	34,687
29	Finance, insurance, and real estate	6,418	6,552	7,081	6,916	7,135	7,007	7,143	26,750	27,117	28,675	28,775	29,921	30,376	30,875
30	Services	21,943	22,613	22,966	23,531	24,117	24,583	25,156	87,816	89,788	91,594	93,261	95,356	96,874	99,220
31	Government and government enterprises	13,786	13,906	14,119	14,069	14,223	14,552	14,612	53,385	53,913	54,545	55,015	55,651	56,137	56,965
32	Federal, civilian	1,627	1,644	1,688	1,762	1,763	1,745	1,746	9,746	9,842	9,961	10,293	10,226	10,257	10,344
33	Military	284	282	278	286	283	282	281	3,575	3,578	3,535	3,606	3,580	3,579	3,713
34	State and local	11,875	11,980	12,152	12,021	12,177	12,525	12,585	40,064	40,494	41,050	41,116	41,845	42,301	42,908

Line	Item	Missouri							Nebraska						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	135,741	137,644	139,338	140,922	142,464	143,307	146,104	42,479	43,319	44,624	44,458	45,279	45,335	47,770
2	Nonfarm personal income	135,536	137,276	138,415	140,582	142,187	143,479	145,613	41,302	42,002	42,324	43,102	43,744	44,273	45,135
3	Farm income (line 17)	205	368	923	340	277	–173	491	1,177	1,317	2,300	1,356	1,535	1,061	2,635
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	98,299	100,053	101,561	102,929	104,188	104,625	106,779	30,648	31,339	32,556	32,326	33,020	32,915	34,886
5	Less: Personal contributions for social insurance [2]	5,995	6,068	6,090	6,235	6,291	6,312	6,371	1,911	1,939	1,944	1,999	2,025	2,039	2,054
6	Plus: Adjustment for residence [3]	–3,560	–3,633	–3,634	–3,736	–3,770	–3,771	–3,733	–594	–608	–607	–629	–641	–648	–656
7	Equals: Net earnings by place of residence	88,744	90,353	91,837	92,957	94,127	94,542	96,674	28,144	28,792	30,005	29,698	30,354	30,228	32,175
8	Plus: Dividends, interest, and rent [4]	26,813	27,022	27,141	27,253	27,506	27,748	28,205	8,876	8,984	9,019	9,062	9,186	9,322	9,758
9	Plus: Transfer payments	20,183	20,269	20,361	20,712	20,831	21,017	21,225	5,459	5,543	5,600	5,698	5,739	5,785	5,837
10	State unemployment insurance benefits	286	291	288	287	275	290	305	44	48	43	45	49	48	47
11	Transfers excluding State unemployment insurance benefits	19,897	19,978	20,072	20,425	20,556	20,727	20,920	5,415	5,495	5,556	5,654	5,690	5,737	5,790
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	79,028	80,424	81,126	82,681	83,712	84,346	85,465	23,551	24,031	24,209	24,790	25,202	25,478	25,765
13	Other labor income	9,922	9,998	10,011	10,167	10,228	10,264	10,410	2,861	2,897	2,898	2,943	2,980	2,994	3,011
14	Proprietors' income [5]	9,350	9,631	10,423	10,081	10,247	10,015	10,904	4,236	4,411	5,449	4,594	4,838	4,443	6,109
15	Farm proprietors' income	–69	82	628	39	–33	–491	164	853	979	1,951	997	1,161	672	2,231
16	Nonfarm proprietors' income	9,419	9,548	9,795	10,042	10,280	10,506	10,740	3,384	3,433	3,498	3,597	3,677	3,771	3,879
	Earnings by Industry														
17	Farm earnings	205	368	923	340	277	–173	491	1,177	1,317	2,300	1,356	1,535	1,061	2,635
18	Nonfarm earnings	98,094	99,685	100,637	102,588	103,911	104,797	106,288	29,471	30,022	30,256	30,970	31,486	31,853	32,251
19	Private earnings	83,305	84,732	85,572	87,098	88,385	89,034	90,074	24,172	24,730	24,924	25,569	26,049	26,440	26,821
20	Agricultural services, forestry, fishing, and other [6]	491	498	530	547	546	558	587	251	254	264	285	282	285	300
21	Mining	264	264	280	265	289	287	288	68	71	72	68	68	72	74
22	Construction	6,259	6,415	6,684	6,948	7,105	7,204	7,279	1,865	1,903	1,891	2,007	2,008	2,054	2,111
23	Manufacturing	18,150	18,246	17,887	17,988	18,096	17,791	17,444	4,256	4,311	4,262	4,246	4,354	4,341	4,381
24	Durable goods	10,485	10,492	10,309	10,072	10,300	10,162	9,840	2,155	2,169	2,129	2,067	2,120	2,136	2,182
25	Nondurable goods	7,665	7,754	7,578	7,916	7,796	7,629	7,604	2,101	2,142	2,134	2,179	2,234	2,205	2,199
26	Transportation and public utilities	8,151	8,256	8,416	8,864	8,413	8,551	8,736	3,083	3,205	3,137	3,225	3,312	3,354	3,381
27	Wholesale trade	6,609	6,717	6,808	6,853	6,946	7,040	7,159	1,988	2,019	2,080	2,101	2,144	2,155	2,176
28	Retail trade	9,253	9,384	9,471	9,701	9,897	9,972	10,101	2,661	2,692	2,713	2,783	2,811	2,893	2,893
29	Finance, insurance, and real estate	7,638	7,937	8,111	8,388	8,785	8,814	8,965	2,214	2,310	2,392	2,460	2,565	2,638	2,669
30	Services	26,489	27,014	27,383	27,543	28,307	28,818	29,513	7,786	7,964	8,113	8,395	8,506	8,649	8,835
31	Government and government enterprises	14,789	14,953	15,066	15,491	15,526	15,763	16,214	5,300	5,292	5,332	5,401	5,436	5,414	5,430
32	Federal, civilian	3,351	3,397	3,444	3,519	3,461	3,496	3,572	863	881	894	919	927	946	941
33	Military	883	885	881	907	921	925	1,053	565	560	542	549	541	540	536
34	State and local	10,555	10,671	10,741	11,064	11,144	11,342	11,589	3,872	3,851	3,896	3,932	3,968	3,928	3,953

See footnotes at end of table.

and Earnings by Industry [1], 1998:II–1999:IV—Continued

adjusted at annual rates]

Iowa							Kansas							Minnesota							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
69,777	71,146	73,376	72,215	72,997	73,566	76,504	66,755	67,579	69,251	69,055	69,895	70,272	73,524	137,142	138,900	142,316	143,018	145,585	146,296	150,044	1
68,454	69,728	70,610	71,120	72,068	73,211	74,381	65,821	66,581	67,272	67,913	68,737	69,487	71,363	136,455	138,106	140,579	142,427	144,883	146,285	148,936	2
1,324	1,418	2,766	1,096	929	355	2,123	935	998	1,979	1,142	1,158	785	2,161	687	794	1,737	591	702	11	1,108	3
48,200	49,335	51,456	50,074	50,625	50,945	53,072	46,847	47,518	49,159	48,753	49,412	49,602	52,505	100,567	101,700	105,058	105,499	107,581	107,528	110,302	4
3,151	3,204	3,237	3,271	3,308	3,357	3,364	2,909	2,936	2,964	3,002	3,034	3,058	3,148	6,478	6,511	6,639	6,775	6,877	6,886	6,965	5
487	486	488	525	535	519	542	1,269	1,301	1,292	1,356	1,361	1,348	1,280	–899	–900	–935	–956	–976	–977	–989	6
45,537	46,617	48,707	47,328	47,852	48,107	50,249	45,207	45,884	47,487	47,107	47,740	47,892	50,637	93,191	94,290	97,484	97,767	99,728	99,666	102,348	7
14,541	14,749	14,816	14,883	15,087	15,311	16,035	13,099	13,225	13,276	13,337	13,493	13,656	14,088	28,606	29,119	29,225	29,395	29,960	30,612	31,539	8
9,700	9,780	9,853	10,004	10,057	10,148	10,220	8,450	8,470	8,488	8,611	8,663	8,724	8,799	15,345	15,491	15,607	15,856	15,897	16,019	16,156	9
154	157	166	177	179	202	198	126	131	126	136	145	151	164	319	338	349	373	331	343	357	10
9,546	9,622	9,687	9,827	9,878	9,946	10,023	8,324	8,339	8,362	8,475	8,517	8,572	8,634	15,026	15,152	15,257	15,483	15,566	15,676	15,799	11
37,990	38,892	39,523	39,752	40,342	41,119	41,361	36,715	37,269	37,828	38,135	38,680	39,155	40,459	83,162	84,076	86,181	87,553	89,185	89,681	91,057	12
4,529	4,606	4,663	4,666	4,715	4,778	4,793	4,631	4,650	4,676	4,707	4,747	4,772	4,901	9,198	9,221	9,380	9,430	9,601	9,621	9,722	13
5,681	5,837	7,270	5,656	5,568	5,049	6,918	5,501	5,600	6,655	5,911	5,985	5,675	7,145	8,207	8,404	9,498	8,516	8,796	8,227	9,523	14
971	1,053	2,392	715	539	–45	1,713	604	654	1,623	774	774	382	1,741	196	296	1,232	73	166	–544	534	15
4,710	4,784	4,877	4,941	5,029	5,094	5,205	4,897	4,946	5,032	5,137	5,211	5,293	5,404	8,011	8,108	8,266	8,443	8,629	8,771	8,989	16
1,324	1,418	2,766	1,096	929	355	2,123	935	998	1,979	1,142	1,158	785	2,161	687	794	1,737	591	702	11	1,108	17
46,877	47,917	48,690	48,978	49,696	50,590	50,948	45,912	46,521	47,180	47,611	48,254	48,817	50,345	99,881	100,907	103,321	104,908	106,879	107,517	109,195	18
39,161	40,140	40,757	41,065	41,734	42,387	42,656	37,794	38,338	38,930	39,152	39,778	40,327	41,761	86,562	87,304	89,555	91,406	92,898	93,533	95,110	19
355	353	385	405	404	405	430	281	288	308	321	320	331	350	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20
96	97	100	94	90	94	96	521	513	495	469	462	471	476	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21
3,018	3,139	3,229	3,203	3,241	3,201	3,264	2,775	2,790	2,838	3,002	2,991	3,033	3,122	5,894	5,946	6,129	6,403	6,615	6,659	6,982	22
10,289	10,486	10,463	10,311	10,446	10,535	10,497	8,700	8,700	8,741	8,694	8,790	8,866	9,548	20,885	20,967	20,848	21,152	21,369	21,571	21,655	23
6,399	6,530	6,470	6,384	6,427	6,507	6,540	5,665	5,646	5,656	5,562	5,659	5,713	6,322	12,559	12,492	12,431	12,564	12,672	12,883	13,032	24
3,891	3,956	3,994	3,927	4,019	4,028	3,957	3,035	3,054	3,085	3,132	3,131	3,153	3,225	8,326	8,475	8,418	8,588	8,698	8,688	8,623	25
3,040	3,074	3,135	3,213	3,253	3,190	3,203	3,733	3,830	3,897	4,016	4,165	4,206	4,254	6,595	6,418	6,743	6,685	6,787	6,776	6,811	26
3,367	3,560	3,484	3,545	3,587	3,886	3,680	3,478	3,499	3,569	3,527	3,590	3,694	3,815	7,846	7,907	8,067	8,278	8,367	8,410	8,584	27
4,503	4,578	4,630	4,652	4,692	4,793	4,844	4,529	4,570	4,622	4,667	4,754	4,790	4,867	8,883	9,291	9,413	10,064	9,938	9,584	9,686	28
3,696	3,819	4,064	4,027	4,137	4,198	4,281	2,829	2,896	3,055	3,026	3,134	3,174	3,238	9,040	8,740	9,533	9,347	9,659	9,929	10,067	29
10,797	11,034	11,265	11,615	11,883	12,084	12,361	10,947	11,253	11,406	11,430	11,571	11,762	12,092	26,495	27,109	27,873	28,566	29,256	29,669	30,364	30
7,716	7,777	7,933	7,913	7,962	8,203	8,292	8,118	8,182	8,250	8,459	8,476	8,489	8,584	13,319	13,602	13,766	13,501	13,980	13,984	14,084	31
1,075	1,079	1,098	1,164	1,138	1,134	1,144	1,497	1,496	1,493	1,548	1,543	1,545	1,522	1,971	1,992	2,024	2,090	2,107	2,090	2,101	32
197	197	196	202	201	200	198	978	992	987	1,010	985	973	987	292	292	292	294	291	297	297	33
6,444	6,501	6,640	6,547	6,623	6,870	6,951	5,643	5,694	5,770	5,902	5,949	5,971	6,074	11,055	11,319	11,450	11,118	11,582	11,597	11,686	34

North Dakota							South Dakota							**Southeast**							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
14,302	14,490	15,369	14,605	14,813	14,460	15,733	16,994	17,261	18,229	17,769	18,309	18,246	19,301	1,607,270	1,634,507	1,661,224	1,680,967	1,701,177	1,715,480	1,753,136	1
13,947	14,083	14,220	14,443	14,570	14,737	15,204	16,236	16,452	16,759	16,986	17,319	17,470	18,000	1,597,023	1,622,624	1,644,800	1,667,914	1,687,816	1,706,981	1,740,449	2
355	408	1,149	162	244	–278	530	758	809	1,470	783	991	777	1,301	10,247	11,883	16,424	13,053	13,361	8,499	12,687	3
9,918	10,052	10,909	10,125	10,289	9,880	10,897	11,584	11,797	12,763	12,261	12,752	12,598	13,410	1,116,053	1,138,033	1,162,537	1,177,495	1,191,924	1,203,881	1,230,145	4
663	666	671	689	692	696	708	722	730	748	764	782	783	800	67,993	68,972	69,877	71,337	71,915	72,675	73,731	5
–319	–323	–324	–333	–332	–337	–345	–197	–202	–209	–214	–223	–222	–230	8,263	8,355	8,285	8,525	8,876	8,765	8,747	6
8,935	9,063	9,913	9,103	9,264	8,846	9,843	10,665	10,865	11,806	11,283	11,747	11,594	12,380	1,056,323	1,077,416	1,100,946	1,114,683	1,128,884	1,139,971	1,165,160	7
3,086	3,131	3,146	3,160	3,202	3,248	3,510	3,907	3,956	3,969	3,991	4,053	4,124	4,373	311,331	315,980	317,778	319,288	323,586	324,646	334,597	8
2,282	2,297	2,309	2,342	2,347	2,365	2,380	2,421	2,439	2,454	2,495	2,509	2,528	2,549	239,615	241,110	242,501	246,995	248,706	250,863	253,379	9
21	29	33	34	27	30	28	14	15	14	14	13	13	11	2,974	3,121	3,112	3,083	3,118	3,079	3,120	10
2,260	2,267	2,276	2,308	2,319	2,335	2,352	2,407	2,424	2,440	2,481	2,496	2,516	2,538	236,641	237,989	239,389	243,913	245,588	247,784	250,259	11
7,650	7,724	7,819	7,990	8,056	8,135	8,307	8,340	8,485	8,740	8,888	9,127	9,175	9,410	887,306	905,104	921,745	936,888	947,659	961,635	979,350	12
996	998	1,002	1,017	1,022	1,024	1,040	1,126	1,133	1,161	1,172	1,196	1,196	1,220	117,711	118,961	120,021	121,155	122,065	123,199	124,646	13
1,272	1,330	2,088	1,118	1,211	720	1,550	2,118	2,180	2,863	2,202	2,429	2,228	2,780	111,036	113,968	120,771	119,452	122,200	119,047	126,148	14
223	270	1,007	15	91	–437	364	639	685	1,343	652	854	635	1,154	7,162	8,750	13,247	9,816	10,042	5,092	9,197	15
1,049	1,060	1,081	1,103	1,120	1,157	1,186	1,479	1,494	1,520	1,550	1,575	1,593	1,625	103,874	105,217	107,524	109,636	112,158	113,955	116,952	16
355	408	1,149	162	244	–278	530	758	809	1,470	783	991	777	1,301	10,247	11,883	16,424	13,053	13,361	8,499	12,687	17
9,563	9,644	9,760	9,963	10,045	10,157	10,368	10,827	10,988	11,293	11,478	11,761	11,822	12,109	1,105,806	1,126,150	1,146,114	1,164,442	1,178,562	1,195,381	1,217,458	18
7,442	7,526	7,632	7,782	7,862	7,970	8,137	8,804	9,000	9,222	9,409	9,675	9,726	9,978	901,193	918,783	936,942	952,973	965,612	978,978	999,549	19
70	69	74	79	80	79	83	132	136	140	146	147	148	155	7,535	7,681	8,027	8,300	8,268	8,436	8,890	20
198	194	187	176	167	174	173	87	78	70	59	64	58	55	9,600	9,576	9,397	8,842	8,437	8,858	8,807	21
668	670	691	717	721	806	842	705	706	717	750	764	755	774	69,368	70,238	72,201	73,186	74,320	74,197	75,741	22
812	824	824	825	856	842	868	1,684	1,708	1,716	1,705	1,762	1,770	1,819	179,837	182,277	182,178	181,836	183,227	185,684	188,035	23
507	514	514	519	540	535	554	1,240	1,261	1,259	1,240	1,249	1,264	1,297	96,251	97,985	98,053	97,894	98,792	100,841	101,867	24
305	310	310	307	316	307	314	444	446	458	465	513	506	522	83,586	84,292	84,125	83,942	84,435	84,843	86,168	25
844	856	862	845	845	846	858	745	764	775	804	809	807	808	78,105	79,859	81,468	82,804	82,776	83,913	84,809	26
804	814	823	841	843	848	856	712	723	735	759	764	786	817	68,219	70,040	71,536	73,153	74,795	75,468	77,389	27
969	971	963	995	990	996	1,004	1,180	1,184	1,204	1,250	1,252	1,267	1,292	108,929	110,467	111,881	114,768	116,393	117,128	118,962	28
552	577	600	606	626	644	653	781	838	921	921	1,016	979	1,001	80,112	82,110	85,462	86,033	88,341	89,780	91,413	29
2,524	2,550	2,609	2,698	2,735	2,735	2,799	2,779	2,864	2,944	3,015	3,097	3,156	3,256	299,488	306,534	314,792	324,052	329,055	335,515	345,504	30
2,121	2,118	2,128	2,181	2,184	2,188	2,230	2,023	1,989	2,071	2,070	2,086	2,096	2,131	204,613	207,367	209,172	211,470	212,950	216,404	217,909	31
440	443	446	466	468	465	472	549	553	563	587	582	581	592	42,419	42,608	43,056	44,534	44,212	44,132	44,332	32
452	440	425	427	423	424	421	208	212	213	217	218	220	221	27,871	27,945	27,691	28,395	28,045	28,068	27,937	33
1,229	1,236	1,257	1,287	1,293	1,298	1,338	1,266	1,223	1,295	1,266	1,287	1,296	1,318	134,323	136,814	138,425	138,540	140,693	144,204	145,640	34

Table 7.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Alabama							Arkansas						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	95,129	96,472	97,971	98,636	99,782	100,742	101,915	53,108	53,955	55,228	55,352	56,173	55,956	58,202
2	Nonfarm personal income	94,271	95,408	96,501	97,464	98,642	99,952	100,924	51,833	52,524	53,061	53,837	54,346	55,179	56,163
3	Farm income (line 17)	858	1,063	1,470	1,172	1,140	790	991	1,274	1,430	2,168	1,515	1,827	776	2,039
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	66,204	67,279	68,654	69,017	69,869	70,484	71,170	36,516	37,167	38,389	38,380	39,012	38,609	40,513
5	Less: Personal contributions for social insurance [2]	4,190	4,230	4,274	4,335	4,380	4,424	4,438	2,339	2,362	2,382	2,437	2,450	2,486	2,519
6	Plus: Adjustment for residence [3]	814	843	866	887	900	915	948	–258	–263	–265	–279	–276	–288	–296
7	Equals: Net earnings by place of residence	62,828	63,892	65,246	65,569	66,389	66,975	67,680	33,919	34,543	35,741	35,665	36,286	35,835	37,699
8	Plus: Dividends, interest, and rent [4]	16,375	16,606	16,686	16,754	16,964	17,191	17,499	9,621	9,766	9,815	9,861	9,999	10,153	10,448
9	Plus: Transfer payments	15,925	15,973	16,039	16,313	16,429	16,576	16,737	9,567	9,645	9,672	9,826	9,888	9,967	10,055
10	State unemployment insurance benefits	217	217	216	198	205	211	211	185	218	195	182	182	180	176
11	Transfers excluding State unemployment insurance benefits	15,708	15,756	15,823	16,115	16,224	16,366	16,526	9,383	9,428	9,477	9,644	9,706	9,787	9,879
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	52,661	53,426	54,230	54,756	55,517	56,318	56,704	28,063	28,507	28,901	29,433	29,700	30,252	30,771
13	Other labor income	7,097	7,159	7,227	7,235	7,291	7,329	7,308	3,627	3,662	3,702	3,716	3,742	3,790	3,836
14	Proprietors' income [5]	6,446	6,695	7,198	7,026	7,061	6,837	7,158	4,827	4,998	5,786	5,231	5,570	4,567	5,906
15	Farm proprietors' income	726	930	1,336	1,036	1,002	648	847	1,019	1,170	1,904	1,245	1,549	490	1,744
16	Nonfarm proprietors' income	5,720	5,764	5,862	5,989	6,059	6,189	6,311	3,808	3,828	3,882	3,986	4,021	4,077	4,162
	Earnings by Industry														
17	Farm earnings	858	1,063	1,470	1,172	1,140	790	991	1,274	1,430	2,168	1,515	1,827	776	2,039
18	Nonfarm earnings	65,346	66,216	67,184	67,845	68,729	69,694	70,179	35,242	35,737	36,221	36,866	37,185	37,832	38,475
19	Private earnings	52,077	52,720	53,364	54,027	54,831	55,742	56,224	29,158	29,584	29,934	30,597	30,854	31,474	32,000
20	Agricultural services, forestry, fishing, and other [6]	377	380	404	417	412	425	450	266	265	273	295	297	296	313
21	Mining	646	641	638	629	602	612	596	193	193	189	185	182	195	193
22	Construction	4,132	4,116	4,179	4,371	4,293	4,473	4,564	2,101	2,079	2,104	2,271	2,224	2,237	2,310
23	Manufacturing	13,716	13,866	13,823	13,796	13,907	13,997	13,790	8,054	8,183	8,202	8,205	8,327	8,529	8,539
24	Durable goods	7,744	7,853	7,844	7,821	7,941	8,018	7,855	4,543	4,595	4,603	4,564	4,619	4,736	4,809
25	Nondurable goods	5,973	6,012	5,980	5,975	5,966	5,979	5,935	3,511	3,588	3,599	3,641	3,708	3,794	3,730
26	Transportation and public utilities	4,167	4,248	4,311	4,248	4,391	4,431	4,524	3,053	3,113	3,118	3,187	3,113	3,202	3,214
27	Wholesale trade	3,799	3,858	3,936	4,042	4,107	4,169	4,274	1,856	1,889	1,922	1,922	1,968	2,008	2,054
28	Retail trade	6,226	6,291	6,365	6,544	6,590	6,705	6,800	4,016	4,008	4,104	4,418	4,316	4,395	4,480
29	Finance, insurance, and real estate	3,684	3,743	3,950	3,958	4,063	4,331	4,264	1,767	1,805	1,875	1,860	1,945	1,964	2,016
30	Services	15,329	15,576	15,758	16,022	16,466	16,599	16,963	7,851	8,048	8,148	8,256	8,483	8,649	8,881
31	Government and government enterprises	13,269	13,496	13,819	13,818	13,898	13,952	13,955	6,084	6,154	6,287	6,268	6,331	6,358	6,475
32	Federal, civilian	3,323	3,352	3,370	3,403	3,357	3,325	3,303	1,146	1,161	1,225	1,186	1,185	1,195	1,201
33	Military	1,226	1,230	1,220	1,229	1,199	1,165	1,074	439	430	430	432	428	433	432
34	State and local	8,720	8,914	9,230	9,186	9,341	9,463	9,578	4,498	4,562	4,632	4,650	4,718	4,730	4,841

Line	Item	Louisiana							Mississippi						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	96,653	97,326	98,188	98,640	99,407	99,341	101,197	53,840	54,793	55,727	55,733	56,261	56,972	58,127
2	Nonfarm personal income	96,360	97,003	97,552	98,099	98,623	98,934	100,267	53,158	53,962	54,536	55,096	55,541	56,395	57,100
3	Farm income (line 17)	293	323	636	541	784	406	929	682	831	1,190	637	720	577	1,027
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	67,655	68,020	68,696	68,843	69,288	68,892	70,337	36,210	37,016	37,860	37,657	37,977	38,492	39,315
5	Less: Personal contributions for social insurance [2]	3,696	3,696	3,696	3,723	3,718	3,699	3,734	2,286	2,320	2,340	2,373	2,381	2,416	2,430
6	Plus: Adjustment for residence [3]	–152	–139	–131	–124	–116	–103	–105	1,269	1,275	1,287	1,300	1,326	1,342	1,362
7	Equals: Net earnings by place of residence	63,806	64,185	64,869	64,995	65,455	65,090	66,498	35,193	35,971	36,807	36,585	36,922	37,418	38,246
8	Plus: Dividends, interest, and rent [4]	15,932	16,148	16,258	16,338	16,532	16,730	17,057	8,369	8,505	8,555	8,594	8,710	8,836	9,044
9	Plus: Transfer payments	16,914	16,993	17,061	17,307	17,420	17,520	17,641	10,279	10,318	10,365	10,554	10,630	10,718	10,836
10	State unemployment insurance benefits	125	157	165	164	186	166	152	112	116	117	106	107	98	108
11	Transfers excluding State unemployment insurance benefits	16,789	16,836	16,896	17,143	17,234	17,354	17,489	10,167	10,202	10,248	10,448	10,522	10,619	10,729
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	52,753	53,046	53,312	53,470	53,582	53,527	54,244	28,273	28,861	29,271	29,543	29,751	30,315	30,608
13	Other labor income	7,345	7,345	7,335	7,311	7,312	7,263	7,325	3,989	4,034	4,059	4,085	4,096	4,158	4,175
14	Proprietors' income [5]	7,557	7,629	8,049	8,062	8,394	8,102	8,768	3,948	4,120	4,530	4,029	4,130	4,020	4,533
15	Farm proprietors' income	109	137	447	348	585	202	719	500	647	1,003	445	522	372	816
16	Nonfarm proprietors' income	7,447	7,492	7,602	7,714	7,809	7,900	8,048	3,448	3,473	3,528	3,584	3,608	3,647	3,717
	Earnings by Industry														
17	Farm earnings	293	323	636	541	784	406	929	682	831	1,190	637	720	577	1,027
18	Nonfarm earnings	67,362	67,697	68,060	68,302	68,505	68,486	69,408	35,528	36,184	36,670	37,020	37,256	37,914	38,288
19	Private earnings	54,772	54,908	55,236	55,529	55,624	55,739	56,503	27,819	28,386	28,820	28,978	29,198	29,639	29,978
20	Agricultural services, forestry, fishing, and other [6]	360	361	372	436	401	409	429	248	249	254	284	281	298	316
21	Mining	3,531	3,433	3,318	3,076	2,881	3,074	3,079	347	352	347	334	301	309	319
22	Construction	5,384	5,211	5,229	5,306	5,191	4,991	5,127	2,298	2,317	2,365	2,400	2,312	2,273	2,319
23	Manufacturing	9,178	9,200	9,243	9,203	9,309	9,421	9,317	7,516	7,719	7,726	7,796	7,742	7,880	7,891
24	Durable goods	3,832	3,818	3,824	3,775	3,774	3,941	3,777	4,805	4,966	4,970	5,013	4,955	5,049	5,069
25	Nondurable goods	5,345	5,382	5,419	5,429	5,535	5,480	5,540	2,711	2,753	2,756	2,783	2,787	2,830	2,822
26	Transportation and public utilities	5,133	5,179	5,254	5,197	5,122	5,100	5,154	2,292	2,298	2,308	2,290	2,311	2,289	2,315
27	Wholesale trade	3,737	3,785	3,822	3,838	3,814	3,795	3,886	1,733	1,752	1,767	1,767	1,778	1,836	1,861
28	Retail trade	6,055	6,098	6,132	6,296	6,317	6,360	6,381	3,531	3,600	3,646	3,799	3,817	3,887	3,908
29	Finance, insurance, and real estate	3,594	3,744	3,787	3,724	3,941	3,770	3,832	1,647	1,662	1,748	1,732	1,755	1,802	1,836
30	Services	17,801	17,898	18,079	18,454	18,647	18,820	19,299	8,206	8,435	8,657	8,577	8,901	9,064	9,215
31	Government and government enterprises	12,590	12,789	12,824	12,773	12,881	12,747	12,905	7,709	7,799	7,851	8,042	8,058	8,275	8,310
32	Federal, civilian	2,011	2,025	2,036	2,125	2,077	2,080	2,093	1,461	1,476	1,497	1,531	1,515	1,526	1,517
33	Military	1,126	1,155	1,155	1,196	1,177	1,174	1,160	1,025	1,026	1,026	1,042	1,045	1,061	1,057
34	State and local	9,453	9,609	9,633	9,452	9,627	9,492	9,651	5,224	5,297	5,327	5,469	5,498	5,688	5,735

See footnotes at end of table.

and Earnings by Industry [1], 1998:II–1999:IV—Continued

adjusted at annual rates]

Florida							Georgia							Kentucky							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
396,997	403,675	409,456	413,483	420,507	425,494	434,354	194,719	199,478	203,799	207,041	210,134	212,697	217,422	86,541	87,945	89,193	90,050	90,813	92,123	93,956	1
394,796	401,150	406,331	409,622	417,241	422,826	431,715	193,229	197,694	201,386	205,190	208,175	211,451	215,843	85,606	86,924	87,729	89,134	90,025	91,414	93,037	2
2,201	2,524	3,125	3,862	3,266	2,668	2,639	1,489	1,784	2,413	1,851	1,959	1,246	1,579	935	1,021	1,464	916	788	709	919	3
245,768	250,822	255,890	258,343	263,859	266,883	273,465	149,345	153,587	157,646	160,540	163,067	165,028	168,992	60,594	61,811	62,935	63,627	64,066	65,080	66,524	4
15,396	15,626	15,829	16,008	16,338	16,494	16,861	8,664	8,863	9,020	9,264	9,365	9,475	9,649	3,698	3,755	3,779	3,877	3,898	3,950	4,012	5
890	904	915	941	946	966	966	–413	–446	–465	–508	–507	–517	–546	–649	–671	–651	–725	–702	–715	–741	6
231,262	236,101	240,976	243,276	248,467	251,354	257,570	140,268	144,278	148,160	150,768	153,195	155,036	158,797	56,247	57,385	58,505	59,025	59,467	60,415	61,771	7
103,424	104,898	105,436	105,921	107,311	108,859	110,825	31,832	32,364	32,617	32,812	33,306	33,816	34,518	15,261	15,483	15,559	15,631	15,845	16,080	16,403	8
62,311	62,675	63,044	64,287	64,729	65,280	65,959	22,618	22,837	23,022	23,461	23,633	23,845	24,108	15,034	15,076	15,128	15,393	15,501	15,628	15,782	9
670	684	684	708	700	659	671	254	265	268	269	280	279	303	232	235	229	230	240	239	248	10
61,642	61,991	62,360	63,578	64,030	64,621	65,288	22,364	22,572	22,755	23,192	23,354	23,566	23,805	14,801	14,841	14,899	15,163	15,261	15,389	15,534	11
195,840	200,053	203,810	205,179	210,151	213,056	218,624	118,431	121,812	124,606	127,396	129,237	131,299	134,228	47,976	48,983	49,551	50,604	51,050	51,955	52,973	12
26,021	26,297	26,535	26,475	26,989	27,206	27,711	15,039	15,285	15,469	15,725	15,843	16,008	16,270	6,747	6,828	6,849	6,976	7,002	7,119	7,231	13
23,907	24,473	25,546	26,689	26,719	26,622	27,130	15,876	16,489	17,571	17,420	17,987	17,721	18,493	5,870	5,999	6,536	6,047	6,014	6,007	6,320	14
1,276	1,594	2,188	2,911	2,297	1,677	1,630	1,217	1,510	2,137	1,568	1,668	947	1,271	736	816	1,256	705	573	489	694	15
22,630	22,879	23,357	23,778	24,422	24,945	25,500	14,659	14,979	15,434	15,851	16,319	16,774	17,223	5,134	5,183	5,279	5,342	5,441	5,518	5,626	16
2,201	2,524	3,125	3,862	3,266	2,668	2,639	1,489	1,784	2,413	1,851	1,959	1,246	1,579	935	1,021	1,464	916	788	709	919	17
243,567	248,298	252,765	254,481	260,592	264,216	270,826	147,856	151,803	155,233	158,689	161,108	163,781	167,413	59,658	60,790	61,471	62,712	63,278	64,371	65,605	18
201,712	205,837	210,015	212,354	217,486	220,564	226,724	123,400	127,092	130,290	133,421	135,811	138,148	141,533	48,671	49,649	50,271	51,136	51,600	52,331	53,340	19
2,484	2,562	2,629	2,657	2,654	2,723	2,853	854	871	920	947	947	975	1,033	411	414	456	456	478	462	487	20
393	387	385	339	350	353	346	395	402	410	405	409	435	419	1,340	1,360	1,350	1,252	1,198	1,259	1,242	21
14,730	14,852	15,160	15,200	15,626	15,702	15,978	8,378	8,695	9,151	9,461	9,665	9,835	9,997	3,571	3,588	3,712	3,700	3,821	3,851	3,960	22
20,488	20,573	20,599	20,315	20,669	20,497	20,932	23,460	24,201	24,105	24,567	24,535	25,048	25,756	12,831	13,073	13,123	13,212	13,218	13,637	13,860	23
12,882	12,960	12,941	12,707	12,886	12,844	13,296	11,006	11,337	11,342	11,235	11,416	12,001	12,041	7,987	8,169	8,181	8,283	8,258	8,672	8,846	24
7,606	7,613	7,659	7,608	7,783	7,653	7,636	12,454	12,864	12,763	13,332	13,120	13,047	13,715	4,844	4,903	4,942	4,929	4,959	4,965	5,014	25
15,450	15,631	16,067	16,243	16,220	16,536	16,890	14,079	14,511	14,894	15,421	15,349	15,465	15,783	4,631	4,847	4,691	4,843	4,720	4,699	4,770	26
15,758	16,417	16,599	17,058	17,430	17,631	18,159	12,639	12,996	13,488	13,716	14,136	14,089	14,453	3,279	3,379	3,430	3,546	3,647	3,591	3,691	27
27,140	27,748	28,038	28,337	29,015	29,076	29,443	13,237	13,438	13,778	13,991	14,462	14,585	14,847	5,992	6,100	6,130	6,303	6,400	6,525	6,600	28
24,397	24,829	25,273	25,581	26,221	26,949	27,574	11,531	11,858	12,663	12,237	12,568	12,899	13,138	3,009	3,085	3,273	3,224	3,316	3,350	3,402	29
80,872	82,838	85,265	86,624	89,302	91,097	94,549	38,826	40,120	40,882	42,676	43,740	44,816	46,108	13,608	13,805	14,105	14,600	14,803	14,959	15,328	30
41,855	42,461	42,750	42,127	43,106	43,651	44,101	24,456	24,711	24,942	25,269	25,297	25,634	25,879	10,987	11,141	11,200	11,575	11,678	12,040	12,266	31
7,129	7,197	7,282	7,666	7,555	7,534	7,517	5,426	5,429	5,484	5,709	5,754	5,728	5,777	1,919	1,912	1,943	2,043	2,036	2,080	2,117	32
4,472	4,418	4,292	4,307	4,168	4,087	4,062	3,358	3,357	3,305	3,377	3,296	3,313	3,342	1,655	1,665	1,669	1,721	1,677	1,677	1,678	33
30,253	30,846	31,176	30,154	31,383	32,029	32,522	15,672	15,924	16,154	16,183	16,246	16,592	16,760	7,413	7,563	7,588	7,812	7,965	8,283	8,471	34

North Carolina							South Carolina							Tennessee							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
188,106	191,606	195,081	197,934	200,334	198,155	205,983	84,935	86,797	88,394	89,132	90,663	91,859	93,547	131,921	133,789	135,695	137,177	139,269	141,194	143,461	1
186,210	189,443	192,303	195,911	198,263	197,192	204,189	84,668	86,503	87,999	88,926	90,344	91,640	93,226	131,888	133,704	135,395	137,075	139,094	141,263	143,302	2
1,896	2,164	2,778	2,023	2,071	963	1,794	267	295	396	207	320	218	322	33	84	300	101	175	–68	159	3
136,853	139,743	143,006	145,385	147,070	147,468	150,711	59,554	61,114	62,546	62,933	64,199	65,072	66,340	97,981	99,326	101,046	102,128	103,914	105,435	107,117	4
8,488	8,620	8,748	8,998	9,067	9,144	9,242	3,641	3,719	3,784	3,834	3,888	3,932	3,987	5,959	6,010	6,066	6,162	6,234	6,310	6,362	5
–814	–827	–840	–869	–890	–883	–896	1,047	1,061	1,077	1,127	1,132	1,141	1,161	–1,017	–1,022	–1,035	–1,005	–1,073	–1,104	–1,114	6
127,551	130,296	133,418	135,518	137,113	137,441	140,573	56,960	58,456	59,839	60,227	61,443	62,280	63,514	91,005	92,293	93,945	94,960	96,606	98,020	99,640	7
34,529	35,119	35,290	35,473	36,054	33,229	37,568	14,784	15,007	15,089	15,160	15,369	15,590	15,902	20,464	20,872	21,009	21,097	21,401	21,730	22,194	8
26,026	26,192	26,373	26,942	27,167	27,484	27,841	13,191	13,335	13,467	13,745	13,851	13,989	14,131	20,451	20,624	20,741	21,120	21,262	21,444	21,626	9
397	402	411	399	408	444	482	166	175	189	192	196	199	191	315	346	328	326	327	324	297	10
25,628	25,789	25,962	26,543	26,759	27,041	27,359	13,025	13,160	13,277	13,553	13,656	13,790	13,941	20,136	20,278	20,413	20,794	20,935	21,120	21,329	11
110,209	112,538	114,787	117,537	118,858	120,367	122,117	48,179	49,481	50,610	51,033	51,944	52,757	53,692	76,423	77,494	78,607	79,493	80,702	82,033	83,020	12
13,792	13,956	14,098	14,326	14,407	14,548	14,651	6,205	6,342	6,431	6,493	6,591	6,668	6,740	9,123	9,147	9,201	9,281	9,377	9,493	9,566	13
12,852	13,249	14,121	13,523	13,805	12,554	13,943	5,171	5,290	5,505	5,407	5,665	5,646	5,907	12,435	12,685	13,237	13,354	13,835	13,909	14,531	14
1,439	1,692	2,294	1,528	1,561	436	1,252	143	171	271	79	187	82	181	–118	–71	141	–60	10	–238	–15	15
11,413	11,557	11,827	11,995	12,244	12,117	12,691	5,028	5,119	5,234	5,328	5,477	5,565	5,726	12,552	12,757	13,096	13,414	13,825	14,147	14,546	16
1,896	2,164	2,778	2,023	2,071	963	1,794	267	295	396	207	320	218	322	33	84	300	101	175	–68	159	17
134,957	137,580	140,228	143,363	144,999	146,505	148,917	59,287	60,819	62,150	62,727	63,879	64,854	66,018	97,948	99,242	100,746	102,027	103,738	105,503	106,958	18
110,650	112,776	115,169	117,855	119,521	120,014	122,567	47,620	48,839	50,108	50,319	51,386	51,903	53,039	84,573	85,817	87,140	88,004	89,838	91,527	92,860	19
903	923	983	1,046	1,011	1,040	1,104	392	399	415	411	408	419	441	454	457	487	498	503	503	531	20
201	221	219	221	210	216	215	87	89	92	89	89	95	99	284	288	302	273	267	290	287	21
9,222	9,384	9,792	9,767	9,933	9,994	10,078	4,219	4,406	4,505	4,479	4,576	4,505	4,631	6,168	6,264	6,418	6,420	6,629	6,497	6,635	22
30,921	31,261	31,285	31,560	31,860	31,982	32,534	13,725	13,912	14,022	13,365	13,523	13,577	13,801	20,174	20,348	20,158	20,195	20,425	21,144	21,368	23
15,529	15,907	15,963	16,160	16,383	16,244	16,305	5,877	5,979	6,048	6,070	6,153	6,251	6,365	11,631	11,835	11,823	12,050	12,227	12,709	12,904	24
15,391	15,354	15,322	15,401	15,477	15,739	16,228	7,848	7,934	7,974	7,295	7,370	7,326	7,436	8,543	8,512	8,334	8,144	8,198	8,435	8,464	25
8,132	8,222	8,442	8,247	8,343	8,474	8,547	3,082	3,137	3,285	3,862	4,075	4,200	4,242	7,155	7,414	7,604	7,672	7,682	8,048	7,788	26
8,162	8,345	8,468	8,635	8,761	8,897	9,090	2,959	3,048	3,141	3,234	3,279	3,335	3,447	6,335	6,380	6,560	6,683	7,040	7,009	7,156	27
12,787	12,892	13,059	13,612	13,694	13,438	13,869	6,378	6,446	6,592	6,786	6,828	6,878	6,978	10,229	10,342	10,409	10,689	10,834	10,923	11,076	28
9,516	9,745	10,317	10,712	10,956	10,598	10,803	3,665	3,812	4,016	3,987	4,132	4,206	4,299	6,663	6,797	7,115	7,152	7,404	7,552	7,682	29
30,806	31,783	32,604	34,055	34,753	35,375	36,329	13,114	13,589	14,040	14,107	14,475	14,688	15,100	27,110	27,528	28,089	28,423	29,053	29,562	30,338	30
24,307	24,804	25,058	25,508	25,478	26,491	26,350	11,668	11,980	12,042	12,408	12,494	12,951	12,980	13,375	13,425	13,605	14,023	13,901	13,976	14,098	31
3,312	3,337	3,351	3,508	3,452	3,443	3,463	1,606	1,600	1,613	1,678	1,675	1,675	1,670	3,125	3,116	3,189	3,261	3,259	3,265	3,317	32
4,493	4,512	4,485	4,610	4,538	4,568	4,492	1,701	1,823	1,845	1,963	1,994	1,971	1,974	382	408	409	441	448	433	441	33
16,502	16,954	17,223	17,389	17,488	18,480	18,395	8,360	8,557	8,584	8,767	8,824	9,304	9,336	9,868	9,901	10,007	10,320	10,194	10,278	10,339	34

Table 7.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Virginia							West Virginia						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	188,975	191,867	195,456	200,583	200,321	203,034	206,629	36,347	36,804	37,036	37,206	37,511	37,914	38,343
2	Nonfarm personal income	188,644	191,499	194,985	200,344	199,998	202,787	206,311	36,360	36,809	37,023	37,215	37,523	37,948	38,372
3	Farm income (line 17)	331	368	471	239	323	248	318	–13	–5	13	–9	–12	–34	–28
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	136,855	139,315	142,913	147,691	146,440	149,010	151,981	22,518	22,832	22,957	22,950	23,164	23,428	23,679
5	Less: Personal contributions for social insurance [2]	8,161	8,281	8,469	8,829	8,691	8,825	8,966	1,475	1,489	1,489	1,495	1,505	1,520	1,530
6	Plus: Adjustment for residence [3]	7,117	7,196	7,044	7,244	7,610	7,474	7,454	430	443	482	535	525	537	555
7	Equals: Net earnings by place of residence	135,811	138,230	141,488	146,106	145,359	147,660	150,469	21,473	21,786	21,951	21,990	22,184	22,446	22,704
8	Plus: Dividends, interest, and rent [4]	34,400	34,778	35,005	35,166	35,530	35,776	36,363	6,340	6,435	6,458	6,481	6,563	6,656	6,774
9	Plus: Transfer payments	18,765	18,859	18,963	19,311	19,432	19,599	19,797	8,534	8,584	8,626	8,736	8,764	8,812	8,865
10	State unemployment insurance benefits	167	166	166	166	158	156	164	135	141	143	142	129	124	116
11	Transfers excluding State unemployment insurance benefits	18,598	18,694	18,797	19,145	19,274	19,443	19,633	8,399	8,442	8,483	8,594	8,635	8,689	8,749
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	110,601	112,741	115,820	120,200	118,742	121,075	123,485	17,898	18,163	18,242	18,243	18,426	18,682	18,883
13	Other labor income	16,202	16,347	16,554	16,975	16,847	17,040	17,242	2,524	2,557	2,561	2,556	2,568	2,577	2,591
14	Proprietors' income [5]	10,051	10,228	10,538	10,516	10,851	10,895	11,254	2,096	2,112	2,154	2,151	2,171	2,168	2,205
15	Farm proprietors' income	150	182	281	46	126	46	112	–36	–28	–11	–33	–37	–60	–55
16	Nonfarm proprietors' income	9,901	10,045	10,257	10,470	10,724	10,848	11,142	2,131	2,141	2,165	2,184	2,207	2,228	2,260
	Earnings by Industry														
17	Farm earnings	331	368	471	239	323	248	318	–13	–5	13	–9	–12	–34	–28
18	Nonfarm earnings	136,524	138,947	142,442	147,452	146,117	148,763	151,663	22,531	22,837	22,945	22,959	23,176	23,462	23,708
19	Private earnings	103,022	105,221	108,555	112,810	111,301	113,410	116,071	17,719	17,955	18,039	17,942	18,163	18,486	18,709
20	Agricultural services, forestry, fishing, and other [6]	702	713	743	764	783	791	833	84	87	92	90	92	94	98
21	Mining	722	731	724	698	676	705	696	1,460	1,478	1,425	1,341	1,273	1,317	1,317
22	Construction	7,813	8,002	8,250	8,493	8,727	8,529	8,807	1,351	1,325	1,336	1,320	1,324	1,309	1,336
23	Manufacturing	16,393	16,526	16,466	16,248	16,254	16,491	16,730	3,379	3,416	3,425	3,373	3,458	3,481	3,518
24	Durable goods	8,557	8,661	8,610	8,346	8,281	8,460	8,684	1,856	1,904	1,906	1,870	1,899	1,916	1,916
25	Nondurable goods	7,836	7,865	7,856	7,903	7,973	8,030	8,046	1,523	1,512	1,520	1,503	1,559	1,565	1,603
26	Transportation and public utilities	9,231	9,523	9,768	9,897	9,798	9,738	9,919	1,699	1,735	1,725	1,696	1,652	1,731	1,664
27	Wholesale trade	6,885	7,097	7,317	7,594	7,710	7,969	8,155	1,077	1,096	1,087	1,119	1,124	1,138	1,163
28	Retail trade	11,192	11,336	11,454	11,806	11,889	12,104	12,304	2,145	2,166	2,174	2,187	2,231	2,253	2,278
29	Finance, insurance, and real estate	9,714	10,090	10,473	10,887	11,026	11,308	11,506	927	941	972	980	1,014	1,051	1,062
30	Services	40,368	41,202	43,360	46,423	44,438	45,775	47,122	5,597	5,710	5,803	5,834	5,995	6,113	6,273
31	Government and government enterprises	33,502	33,726	33,887	34,642	34,816	35,353	35,592	4,812	4,882	4,906	5,018	5,014	4,976	4,999
32	Federal, civilian	10,764	10,796	10,844	11,205	11,126	11,075	11,138	1,196	1,206	1,222	1,218	1,221	1,207	1,218
33	Military	7,849	7,776	7,710	7,931	7,928	8,037	8,076	145	145	145	147	147	146	147
34	State and local	14,889	15,154	15,333	15,505	15,762	16,241	16,378	3,470	3,532	3,539	3,653	3,646	3,623	3,634

Line	Item	Oklahoma							Texas						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	72,860	73,727	74,532	75,100	75,993	76,610	78,560	495,013	504,323	512,555	521,326	528,315	533,465	543,593
2	Nonfarm personal income	72,328	73,144	73,552	74,413	75,070	76,029	77,455	492,906	502,059	508,927	517,011	522,678	530,224	538,629
3	Farm income (line 17)	532	583	980	687	923	582	1,105	2,107	2,264	3,628	4,315	5,636	3,242	4,964
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	50,717	51,307	51,969	52,311	52,957	53,310	54,924	383,627	391,918	399,515	407,133	412,729	416,534	424,711
5	Less: Personal contributions for social insurance [2]	3,025	3,044	3,042	3,094	3,104	3,135	3,191	22,028	22,414	22,642	23,143	23,271	23,510	23,759
6	Plus: Adjustment for residence [3]	826	843	857	874	884	900	914	–929	–963	–980	–1,000	–1,012	–1,022	–1,031
7	Equals: Net earnings by place of residence	48,518	49,105	49,784	50,092	50,737	51,075	52,646	360,670	368,541	375,893	382,990	388,447	392,002	399,922
8	Plus: Dividends, interest, and rent [4]	12,938	13,149	13,213	13,260	13,427	13,616	13,891	75,118	76,357	76,862	77,204	78,205	79,249	80,896
9	Plus: Transfer payments	11,404	11,473	11,535	11,748	11,829	11,920	12,022	59,225	59,425	59,800	61,133	61,663	62,214	62,776
10	State unemployment insurance benefits	98	115	119	135	143	138	132	958	991	1,108	1,222	1,301	1,261	1,156
11	Transfers excluding State unemployment insurance benefits	11,305	11,358	11,415	11,613	11,686	11,782	11,890	58,267	58,434	58,692	59,911	60,362	60,953	61,620
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	37,575	38,019	38,176	38,652	38,920	39,467	40,327	289,864	296,564	301,097	306,360	309,149	313,635	318,165
13	Other labor income	5,593	5,605	5,601	5,654	5,664	5,706	5,795	33,999	34,500	34,751	35,232	35,302	35,609	35,970
14	Proprietors' income [5]	7,549	7,683	8,192	8,005	8,372	8,136	8,801	59,765	60,855	63,668	65,540	68,278	67,291	70,576
15	Farm proprietors' income	354	405	801	503	733	386	903	1,344	1,498	2,856	3,531	4,835	2,423	4,128
16	Nonfarm proprietors' income	7,195	7,279	7,392	7,501	7,639	7,751	7,898	58,421	59,357	60,812	62,010	63,443	64,868	66,448
	Earnings by Industry														
17	Farm earnings	532	583	980	687	923	582	1,105	2,107	2,264	3,628	4,315	5,636	3,242	4,964
18	Nonfarm earnings	50,185	50,724	50,989	51,624	52,034	52,728	53,819	381,520	389,654	395,887	402,818	407,093	413,293	419,747
19	Private earnings	39,758	40,242	40,443	40,747	41,141	41,766	42,753	324,223	331,883	337,698	343,003	348,076	352,801	358,097
20	Agricultural services, forestry, fishing, and other [6]	252	252	265	279	284	290	303	2,169	2,171	2,280	2,422	2,440	2,517	2,648
21	Mining	2,601	2,598	2,577	2,532	2,528	2,502	2,502	18,941	18,879	18,846	18,120	18,097	18,079	18,033
22	Construction	2,482	2,533	2,560	2,647	2,777	2,812	2,883	24,494	24,820	25,620	25,923	26,330	26,648	27,239
23	Manufacturing	8,137	8,142	8,147	8,041	7,989	8,174	8,468	53,901	56,080	55,116	55,122	55,337	54,990	55,101
24	Durable goods	4,840	4,841	4,831	4,790	4,708	4,777	5,021	33,605	35,689	34,739	34,713	34,649	34,270	34,399
25	Nondurable goods	3,297	3,301	3,316	3,251	3,281	3,396	3,448	20,296	20,392	20,378	20,409	20,687	20,720	20,702
26	Transportation and public utilities	4,117	4,147	4,234	4,113	4,140	4,146	4,200	33,938	34,821	35,660	36,948	36,797	37,374	38,078
27	Wholesale trade	2,525	2,570	2,533	2,649	2,579	2,651	2,715	27,034	27,770	28,571	29,283	29,290	30,791	30,104
28	Retail trade	4,806	4,858	4,871	4,984	5,088	5,116	5,208	34,246	34,732	35,354	36,260	36,905	37,515	38,154
29	Finance, insurance, and real estate	2,637	2,700	2,802	2,775	2,851	2,933	2,992	27,842	28,792	30,117	30,108	31,235	31,426	32,202
30	Services	12,201	12,441	12,452	12,727	12,904	13,142	13,483	101,657	103,817	106,133	108,816	111,647	113,459	116,539
31	Government and government enterprises	10,427	10,482	10,546	10,877	10,893	10,962	11,066	57,298	57,772	58,189	59,815	59,016	60,492	61,650
32	Federal, civilian	2,588	2,591	2,624	2,701	2,686	2,744	2,783	10,791	10,935	11,137	11,608	11,495	11,328	11,338
33	Military	1,394	1,396	1,376	1,401	1,380	1,355	1,357	6,036	5,997	5,969	6,117	6,026	6,090	6,090
34	State and local	6,445	6,495	6,546	6,775	6,827	6,863	6,926	40,470	40,840	41,082	42,090	41,496	43,074	44,222

See footnotes at end of table.

and Earnings by Industry [1], 1998:II—1999:IV—Continued
adjusted at annual rates]

Southwest							Arizona							New Mexico							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
715,809	729,125	741,186	750,825	762,900	770,545	785,928	111,652	114,212	116,545	116,817	120,395	121,932	124,549	36,283	36,862	37,555	37,581	38,198	38,537	39,226	1
711,880	724,953	734,833	744,000	754,623	765,291	778,250	110,873	113,479	115,561	115,848	119,478	121,186	123,668	35,772	36,272	36,794	36,728	37,396	37,853	38,498	2
3,929	4,171	6,353	6,825	8,277	5,254	7,678	779	734	984	969	917	746	881	511	590	761	854	801	684	728	3
537,270	548,678	559,734	567,371	577,335	582,557	594,708	77,956	80,071	82,243	82,069	85,307	86,214	88,116	24,970	25,382	26,006	25,858	26,342	26,500	26,957	4
31,338	31,876	32,219	32,767	33,128	33,452	33,869	4,819	4,935	5,031	5,035	5,229	5,272	5,364	1,466	1,482	1,504	1,495	1,524	1,535	1,555	5
349	339	353	383	370	386	398	359	363	376	401	388	397	402	93	97	99	108	109	112	113	6
506,281	517,142	527,868	534,987	544,576	549,492	561,236	73,496	75,500	77,589	77,435	80,465	81,339	83,153	23,596	23,997	24,602	24,470	24,927	25,076	25,515	7
118,101	120,169	120,910	121,467	123,191	125,070	127,818	22,924	23,418	23,553	23,684	24,123	24,637	25,278	7,122	7,245	7,282	7,320	7,436	7,568	7,753	8
91,427	91,813	92,408	94,371	95,132	95,983	96,874	15,232	15,295	15,403	15,699	15,806	15,956	16,118	5,566	5,621	5,671	5,791	5,835	5,893	5,958	9
1,336	1,357	1,494	1,628	1,711	1,673	1,563	194	163	177	181	180	189	191	86	88	91	89	87	86	83	10
90,091	90,456	90,914	92,744	93,421	94,309	95,311	15,039	15,132	15,226	15,518	15,626	15,767	15,927	5,480	5,532	5,580	5,703	5,748	5,807	5,874	11
409,875	419,221	425,918	431,202	437,507	443,641	450,868	62,962	64,864	66,488	66,245	69,042	69,900	71,390	19,474	19,774	20,157	19,945	20,395	20,639	20,986	12
49,489	50,156	50,573	50,990	51,393	51,799	52,387	7,081	7,214	7,341	7,272	7,545	7,601	7,708	2,816	2,837	2,882	2,832	2,882	2,883	2,914	13
77,905	79,301	83,243	85,178	88,435	87,118	91,453	7,913	7,993	8,415	8,552	8,720	8,713	9,018	2,679	2,770	2,968	3,081	3,065	2,977	3,058	14
2,503	2,746	4,921	5,359	6,766	3,693	6,071	464	422	672	646	578	390	510	341	422	591	679	619	494	530	15
75,403	76,555	78,322	79,819	81,670	83,425	85,382	7,449	7,571	7,742	7,906	8,142	8,323	8,508	2,338	2,348	2,377	2,402	2,446	2,484	2,528	16
3,929	4,171	6,353	6,825	8,277	5,254	7,678	779	734	984	969	917	746	881	511	590	761	854	801	684	728	17
533,341	544,507	553,381	560,546	569,057	577,304	587,030	77,177	79,338	81,259	81,100	84,390	85,468	87,235	24,459	24,791	25,246	25,004	25,540	25,815	26,229	18
446,374	456,723	464,713	470,414	479,018	485,493	493,652	64,742	66,655	68,415	68,577	71,352	72,087	73,604	17,652	17,943	18,157	18,087	18,449	18,839	19,198	19
3,288	3,310	3,460	3,643	3,679	3,776	3,972	704	725	745	758	783	792	837	162	162	170	184	172	176	185	20
23,050	22,972	22,877	22,010	21,989	22,044	21,907	696	703	675	629	621	701	607	812	792	779	729	744	762	765	21
34,423	34,927	35,882	36,413	37,191	37,583	38,405	5,765	5,927	6,064	6,227	6,433	6,453	6,580	1,682	1,647	1,638	1,616	1,651	1,669	1,703	22
74,471	76,740	76,209	75,132	76,040	75,996	76,580	10,589	10,687	11,136	10,194	10,914	10,983	11,117	1,845	1,831	1,809	1,776	1,800	1,848	1,893	23
48,459	50,605	50,100	49,112	49,686	49,485	50,017	8,679	8,743	9,199	8,302	8,987	9,073	9,196	1,335	1,332	1,331	1,306	1,342	1,365	1,401	24
26,012	26,135	26,109	26,021	26,354	26,510	26,563	1,909	1,944	1,937	1,892	1,928	1,911	1,921	510	499	478	470	458	484	491	25
43,901	44,973	46,019	47,083	47,152	47,751	48,624	4,407	4,527	4,624	4,555	4,717	4,701	4,791	1,438	1,477	1,500	1,466	1,499	1,531	1,556	26
35,476	36,441	37,293	38,239	38,272	39,848	39,333	4,907	5,064	5,143	5,246	5,351	5,339	5,423	1,009	1,037	1,046	1,061	1,052	1,066	1,091	27
49,799	50,660	51,358	52,491	53,603	54,323	55,241	8,090	8,378	8,432	8,512	8,847	8,901	9,062	2,657	2,692	2,700	2,735	2,763	2,790	2,818	28
39,037	40,389	42,271	42,284	43,956	44,252	45,312	7,281	7,582	7,969	8,022	8,426	8,431	8,639	1,277	1,315	1,383	1,379	1,444	1,461	1,479	29
142,929	146,310	149,344	153,119	157,136	159,919	164,278	22,302	23,062	23,626	24,434	25,260	25,785	26,547	6,769	6,990	7,132	7,141	7,325	7,535	7,709	30
86,967	87,785	88,668	90,132	90,040	91,811	93,378	12,435	12,682	12,844	12,522	13,039	13,381	13,631	6,807	6,849	7,089	6,917	7,091	6,976	7,031	31
17,658	17,867	18,129	18,922	18,805	18,674	18,703	2,543	2,576	2,583	2,796	2,813	2,803	2,769	1,736	1,765	1,785	1,817	1,811	1,799	1,812	32
9,308	9,256	9,185	9,380	9,249	9,286	9,285	1,155	1,153	1,148	1,173	1,165	1,163	1,163	722	710	691	690	678	677	676	33
60,001	60,662	61,354	61,829	61,986	63,851	65,390	8,737	8,953	9,113	8,553	9,061	9,414	9,698	4,349	4,374	4,613	4,411	4,602	4,500	4,544	34

Rocky Mountain							Colorado							Idaho							Line
1998			1999				1998			1999				1998			1999				
II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	II[r]	III[r]	IV[r]	I[r]	II[r]	III[r]	IV[p]	
220,674	224,490	229,708	233,524	238,102	240,979	246,394	117,481	119,708	122,458	124,639	127,480	129,371	132,464	26,797	27,337	28,095	28,721	29,093	29,458	30,114	1
219,033	222,599	226,549	230,565	234,907	238,591	242,973	116,853	119,046	121,484	123,689	126,477	128,534	131,296	26,050	26,516	26,914	27,510	27,821	28,419	28,951	2
1,641	1,891	3,159	2,960	3,195	2,388	3,421	627	662	975	951	1,003	837	1,168	748	822	1,180	1,211	1,272	1,039	1,163	3
162,207	165,125	170,091	173,444	177,203	179,011	182,961	88,787	90,604	93,252	95,207	97,658	99,010	101,424	18,608	19,009	19,715	20,275	20,526	20,747	21,162	4
9,342	9,465	9,646	9,906	10,074	10,189	10,315	4,913	5,000	5,116	5,255	5,373	5,435	5,532	1,086	1,102	1,119	1,159	1,166	1,191	1,203	5
430	440	448	454	454	468	463	112	113	111	110	108	110	108	319	326	332	337	338	353	347	6
153,294	156,101	160,893	163,992	167,583	169,289	173,110	83,987	85,718	88,248	90,062	92,393	93,685	96,000	17,840	18,233	18,928	19,453	19,698	19,909	20,305	7
43,443	44,250	44,489	44,757	45,574	46,511	47,878	22,436	22,863	23,009	23,157	23,584	24,066	24,716	5,429	5,528	5,554	5,586	5,689	5,809	6,030	8
23,936	24,139	24,326	24,775	24,945	25,179	25,407	11,058	11,127	11,202	11,420	11,503	11,620	11,748	3,528	3,576	3,613	3,682	3,706	3,740	3,779	9
431	436	446	442	445	459	440	147	141	143	143	144	156	164	113	116	116	112	108	106	105	10
23,505	23,703	23,881	24,333	24,500	24,719	24,967	10,911	10,986	11,059	11,277	11,358	11,464	11,584	3,415	3,460	3,497	3,570	3,598	3,633	3,674	11
125,477	127,782	130,866	133,755	136,560	138,742	140,996	68,360	69,918	71,880	73,504	75,426	76,619	78,275	13,796	14,059	14,334	14,786	14,920	15,312	15,525	12
16,247	16,306	16,496	16,767	17,044	17,139	17,327	8,872	8,897	8,991	9,133	9,320	9,396	9,533	1,786	1,806	1,827	1,874	1,885	1,919	1,932	13
20,484	21,038	22,729	22,923	23,599	23,130	24,638	11,556	11,789	12,381	12,569	12,912	12,995	13,616	3,026	3,144	3,554	3,615	3,721	3,516	3,705	14
669	927	2,193	1,965	2,161	1,313	2,307	296	336	648	613	651	468	784	412	488	846	867	916	668	779	15
19,815	20,111	20,536	20,958	21,438	21,817	22,331	11,259	11,453	11,733	11,957	12,261	12,527	12,832	2,614	2,657	2,708	2,749	2,805	2,848	2,926	16
1,641	1,891	3,159	2,960	3,195	2,388	3,421	627	662	975	951	1,003	837	1,168	748	822	1,180	1,211	1,272	1,039	1,163	17
160,566	163,234	166,932	170,484	174,009	176,623	179,540	88,160	89,942	92,278	94,257	96,655	98,173	100,256	17,860	18,188	18,534	19,065	19,253	19,708	19,999	18
131,701	134,249	137,676	140,652	143,683	146,391	149,034	73,692	75,415	77,754	79,445	81,590	83,036	84,984	14,428	14,710	15,036	15,459	15,602	16,021	16,280	19
(D)	(D)	(D)	(D)	(D)	(D)	(D)	567	581	619	662	647	679	719	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20
(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,778	1,761	1,757	1,667	1,703	1,696	1,702	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21
12,357	12,658	13,006	13,492	13,742	13,792	14,253	6,512	6,760	7,059	7,221	7,361	7,460	7,695	1,520	1,551	1,589	1,614	1,668	1,689	1,793	22
19,494	19,597	19,769	19,837	20,129	20,298	20,490	9,804	10,014	10,103	10,010	10,260	10,296	10,600	3,214	3,267	3,314	3,457	3,392	3,573	3,478	23
13,420	13,473	13,493	13,639	13,825	14,079	14,161	6,732	6,934	6,933	6,893	7,062	7,200	7,456	2,230	2,273	2,303	2,452	2,383	2,544	2,429	24
6,074	6,124	6,276	6,197	6,304	6,219	6,329	3,072	3,080	3,170	3,116	3,198	3,097	3,144	984	994	1,011	1,005	1,009	1,029	1,049	25
14,178	14,449	14,889	15,430	15,688	15,642	15,906	8,696	8,839	9,317	9,723	9,913	9,949	10,157	1,248	1,265	1,283	1,304	1,325	1,317	1,329	26
9,012	9,259	9,459	9,675	9,913	10,034	10,304	5,107	5,252	5,385	5,422	5,656	5,689	5,856	1,011	1,045	1,079	1,114	1,144	1,167	1,196	27
15,690	15,996	16,289	16,720	16,947	17,599	17,517	8,031	8,227	8,333	8,663	8,790	8,964	9,064	1,898	1,931	1,965	2,058	2,055	2,094	2,133	28
12,756	13,058	13,822	13,916	14,238	14,687	14,857	7,973	8,126	8,676	8,771	9,001	9,280	9,453	965	996	1,057	1,100	1,077	1,079	1,104	29
43,302	44,300	45,504	46,741	48,166	49,399	50,675	25,225	25,854	26,504	27,307	28,259	29,023	29,739	4,172	4,250	4,339	4,413	4,547	4,689	4,817	30
28,865	28,986	29,256	29,832	30,326	30,232	30,507	14,469	14,527	14,524	14,811	15,065	15,137	15,272	3,432	3,477	3,499	3,605	3,651	3,687	3,719	31
6,773	6,761	6,752	7,004	6,995	6,965	6,998	3,281	3,279	3,238	3,326	3,307	3,298	3,297	707	710	718	743	735	737	744	32
2,687	2,689	2,664	2,733	2,714	2,759	2,715	1,609	1,602	1,583	1,628	1,611	1,647	1,606	273	276	273	279	281	282	280	33
19,406	19,536	19,840	20,094	20,618	20,509	20,794	9,578	9,645	9,704	9,858	10,147	10,192	10,368	2,452	2,491	2,507	2,583	2,636	2,667	2,695	34

Table 7.—Personal Income by Major Source

[Millions of dollars, seasonally

Line	Item	Montana							Utah						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	18,497	18,626	19,357	19,386	19,743	19,404	20,261	46,346	47,066	47,907	48,533	49,436	50,200	50,812
2	Nonfarm personal income	18,427	18,471	18,698	19,069	19,332	19,279	19,661	46,173	46,876	47,667	48,317	49,229	50,006	50,598
3	Farm income (line 17)	70	156	659	316	411	125	600	173	189	240	216	207	194	214
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	11,878	11,890	12,596	12,585	12,862	12,387	13,056	35,240	35,755	36,531	37,053	37,787	38,342	38,684
5	Less: Personal contributions for social insurance [2]	818	809	820	847	857	841	851	2,043	2,063	2,097	2,137	2,173	2,199	2,207
6	Plus: Adjustment for residence [3]	–5	–3	–3	–4	–4	–2	–3	21	23	26	28	28	27	29
7	Equals: Net earnings by place of residence	11,055	11,078	11,772	11,734	12,001	11,545	12,203	33,219	33,714	34,460	34,944	35,642	36,169	36,506
8	Plus: Dividends, interest, and rent [4]	4,398	4,464	4,470	4,489	4,563	4,654	4,830	8,291	8,477	8,538	8,594	8,760	8,954	9,195
9	Plus: Transfer payments	3,045	3,084	3,115	3,164	3,179	3,206	3,228	4,836	4,875	4,909	4,995	5,033	5,077	5,111
10	State unemployment insurance benefits	60	60	61	62	60	64	59	85	93	97	96	102	103	90
11	Transfers excluding State unemployment insurance benefits	2,985	3,024	3,053	3,101	3,119	3,142	3,168	4,751	4,782	4,812	4,899	4,931	4,974	5,021
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	9,046	8,983	9,152	9,411	9,554	9,409	9,561	28,362	28,791	29,397	29,818	30,427	30,931	31,152
13	Other labor income	1,257	1,244	1,259	1,290	1,303	1,272	1,287	3,586	3,603	3,661	3,699	3,766	3,763	3,785
14	Proprietors' income [5]	1,575	1,663	2,184	1,884	2,006	1,707	2,208	3,292	3,361	3,473	3,536	3,595	3,647	3,747
15	Farm proprietors' income	–67	19	522	176	266	–25	445	75	92	143	116	103	86	102
16	Nonfarm proprietors' income	1,642	1,643	1,663	1,708	1,740	1,732	1,763	3,217	3,269	3,330	3,420	3,492	3,561	3,645
	Earnings by Industry														
17	Farm earnings	70	156	659	316	411	125	600	173	189	240	216	207	194	214
18	Nonfarm earnings	11,808	11,734	11,937	12,268	12,451	12,262	12,456	35,067	35,565	36,290	36,837	37,581	38,148	38,470
19	Private earnings	9,201	9,098	9,284	9,523	9,687	9,609	9,776	28,596	29,136	29,628	30,144	30,710	31,391	31,655
20	Agricultural services, forestry, fishing, and other [6]	93	94	100	104	106	103	109	137	143	145	150	154	158	169
21	Mining	294	302	288	290	295	296	291	434	426	419	390	402	399	390
22	Construction	912	876	866	944	980	891	910	2,773	2,834	2,844	3,012	3,017	3,050	3,143
23	Manufacturing	1,093	888	931	932	932	932	919	4,945	4,982	4,960	4,988	5,087	5,041	5,025
24	Durable goods	778	572	610	605	594	599	596	3,487	3,497	3,449	3,491	3,584	3,535	3,470
25	Nondurable goods	315	316	320	327	338	333	323	1,458	1,485	1,511	1,497	1,503	1,507	1,555
26	Transportation and public utilities	957	978	976	1,007	1,029	999	1,012	2,588	2,662	2,613	2,697	2,696	2,667	2,696
27	Wholesale trade	615	626	623	656	655	654	669	2,007	2,061	2,107	2,204	2,183	2,242	2,299
28	Retail trade	1,405	1,420	1,448	1,481	1,481	1,499	1,518	3,606	3,661	3,752	3,722	3,829	4,231	3,968
29	Finance, insurance, and real estate	689	708	749	744	775	781	798	2,757	2,845	2,935	2,905	2,984	2,998	3,060
30	Services	3,142	3,206	3,304	3,366	3,435	3,454	3,549	9,349	9,522	9,852	10,077	10,358	10,604	10,905
31	Government and government enterprises	2,606	2,637	2,654	2,746	2,763	2,653	2,681	6,471	6,429	6,663	6,693	6,870	6,757	6,815
32	Federal, civilian	689	693	696	724	722	716	734	1,713	1,692	1,715	1,813	1,830	1,806	1,811
33	Military	226	230	231	235	233	234	235	378	380	377	387	385	389	388
34	State and local	1,691	1,715	1,727	1,786	1,808	1,703	1,712	4,381	4,356	4,571	4,494	4,656	4,563	4,616

Line	Item	California							Hawaii						
		1998			1999				1998			1999			
		II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p
	Income by Place of Residence														
1	Personal income (lines 4-11)	909,532	927,774	947,597	966,197	980,077	995,816	1,011,268	31,693	31,870	32,186	32,404	32,702	33,398	33,520
2	Nonfarm personal income	902,191	919,743	937,996	956,442	970,415	987,652	1,002,569	31,530	31,704	32,017	32,225	32,523	33,219	33,340
3	Farm income (line 17)	7,341	8,032	9,601	9,754	9,662	8,164	8,698	163	166	169	179	179	179	180
	Derivation of Personal Income														
4	Earnings by place of work (lines 12-16 or 17-34)	667,369	682,832	700,976	718,403	730,440	744,931	757,487	23,172	23,298	23,567	23,707	23,956	24,632	24,657
5	Less: Personal contributions for social insurance [2]	38,536	39,318	40,164	41,410	41,966	42,776	43,303	1,261	1,263	1,274	1,285	1,295	1,327	1,324
6	Plus: Adjustment for residence [3]	142	131	124	108	93	63	59	0	0	0	0	0	0	0
7	Equals: Net earnings by place of residence	628,974	643,645	660,936	677,101	688,567	702,218	714,243	21,911	22,034	22,294	22,421	22,661	23,305	23,333
8	Plus: Dividends, interest, and rent [4]	171,625	174,203	175,968	176,871	178,726	180,163	182,912	5,995	6,040	6,083	6,107	6,147	6,167	6,227
9	Plus: Transfer payments	108,933	109,926	110,694	112,224	112,783	113,436	114,113	3,786	3,796	3,810	3,876	3,895	3,926	3,959
10	State unemployment insurance benefits	2,605	2,620	2,611	2,701	2,727	2,681	2,570	146	144	141	134	127	123	117
11	Transfers excluding State unemployment insurance benefits	106,328	107,306	108,083	109,523	110,056	110,755	111,543	3,640	3,652	3,669	3,741	3,768	3,803	3,843
	Earnings by Place of Work														
	Components of earnings:														
12	Wage and salary disbursements	510,395	522,766	536,213	550,334	559,701	572,911	582,165	17,629	17,731	17,945	18,025	18,229	18,763	18,783
13	Other labor income	60,816	61,642	62,623	63,981	64,809	65,766	66,416	3,078	3,088	3,107	3,131	3,133	3,243	3,208
14	Proprietors' income [5]	96,158	98,424	102,141	104,089	105,929	106,254	108,906	2,465	2,479	2,515	2,551	2,594	2,626	2,667
15	Farm proprietors' income	3,136	3,730	5,206	5,214	4,925	3,215	3,554	1	1	2	11	10	8	7
16	Nonfarm proprietors' income	93,022	94,694	96,935	98,875	101,004	103,038	105,351	2,464	2,478	2,513	2,540	2,584	2,619	2,659
	Earnings by Industry														
17	Farm earnings	7,341	8,032	9,601	9,754	9,662	8,164	8,698	163	166	169	179	179	179	180
18	Nonfarm earnings	660,028	674,800	691,375	708,649	720,778	736,767	748,789	23,009	23,132	23,399	23,528	23,777	24,454	24,477
19	Private earnings	555,305	568,922	584,198	598,699	609,916	626,057	636,792	15,917	16,042	16,285	16,210	16,506	16,580	16,809
20	Agricultural services, forestry, fishing, and other [6]	6,737	7,002	7,433	7,417	7,430	7,579	7,931	137	134	141	138	145	154	156
21	Mining	2,420	2,418	2,451	2,381	2,227	2,155	2,150	19	19	18	17	17	18	18
22	Construction	34,345	36,311	37,938	39,055	39,873	40,368	41,756	1,338	1,314	1,304	1,274	1,292	1,272	1,285
23	Manufacturing	102,558	103,407	104,550	106,626	108,698	113,293	112,133	718	718	714	725	753	742	739
24	Durable goods	72,682	73,224	73,807	75,156	77,353	80,156	79,929	175	172	173	172	176	176	172
25	Nondurable goods	29,875	30,183	30,743	31,470	31,345	33,137	32,203	543	546	541	553	577	566	567
26	Transportation and public utilities	40,326	41,290	41,847	43,751	44,845	45,912	46,549	1,798	1,827	1,834	1,830	1,803	1,796	1,812
27	Wholesale trade	40,129	41,098	42,081	42,486	43,170	44,039	45,263	805	815	810	830	831	855	875
28	Retail trade	59,053	60,459	61,781	62,761	63,877	66,192	67,087	2,515	2,523	2,530	2,556	2,604	2,645	2,673
29	Finance, insurance, and real estate	58,730	60,626	63,953	65,069	65,990	65,700	66,816	1,961	1,998	2,053	2,062	2,103	2,103	2,117
30	Services	211,008	216,310	222,164	229,153	233,805	240,818	247,107	6,626	6,694	6,881	6,778	6,958	6,995	7,134
31	Government and government enterprises	104,723	105,879	107,177	109,950	110,863	110,710	111,997	7,092	7,090	7,114	7,318	7,270	7,873	7,668
32	Federal, civilian	16,823	17,062	17,227	17,949	17,730	17,458	17,385	1,782	1,787	1,808	1,863	1,870	1,890	1,889
33	Military	8,381	8,336	8,268	8,401	8,392	8,403	8,392	2,294	2,288	2,277	2,305	2,255	2,286	2,246
34	State and local	79,519	80,481	81,682	83,601	84,741	84,849	86,220	3,016	3,015	3,028	3,150	3,145	3,697	3,533

P Preliminary.
r Revised.
D Not shown to avoid disclosure of confidential information, but the estimates for this item are included in the total.

1. The estimates of earnings for 1998-99 are based on the 1987 Standard Industrial Classification.
2. Personal contributions for social insurance are included in earnings by type and by industry, but they are excluded from personal income.
3. The adjustment for residence is the net inflow of the earnings of interarea commuters. For the United States, 4. Rental income of persons includes the capital consumption adjustment.
5. Proprietors' income includes the inventory valuation adjustment and the capital consumption adjustment.
6. "Other" consists of the wage and salary disbursements of U.S. residents employed by international organizations and foreign embassies and consulates in the United States.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal

and Earnings by Industry [1], 1998:II–1999:IV—Continued

adjusted at annual rates]

Wyoming							Far West							Alaska							Line
1998			1999				1998			1999				1998			1999				
II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	
11,553	11,752	11,891	12,246	12,350	12,546	12,743	1,254,589	1,278,768	1,304,537	1,328,635	1,345,553	1,370,148	1,388,865	17,020	17,100	17,346	17,563	17,558	17,668	17,891	1
11,530	11,691	11,786	11,979	12,049	12,353	12,467	1,244,939	1,268,299	1,291,941	1,316,736	1,333,658	1,359,778	1,377,471	17,004	17,081	17,322	17,541	17,537	17,650	17,874	2
23	62	105	266	301	194	276	9,650	10,469	12,596	11,899	11,894	10,370	11,394	16	19	24	22	21	18	18	3
7,694	7,867	7,997	8,324	8,370	8,525	8,635	916,437	936,568	960,424	982,653	996,042	1,018,102	1,031,510	13,020	13,041	13,259	13,396	13,258	13,289	13,418	4
483	491	494	507	506	523	522	53,354	54,354	55,446	57,125	57,684	58,932	59,387	681	680	689	698	688	687	690	5
–18	–19	–18	–18	–15	–20	–18	–1,127	–1,158	–1,207	–1,255	–1,255	–1,310	–1,314	–806	–809	–823	–828	–817	–821	–827	6
7,194	7,358	7,485	7,799	7,849	7,982	8,095	861,956	881,056	903,771	924,273	937,103	957,860	970,809	11,532	11,552	11,747	11,870	11,753	11,782	11,901	7
2,890	2,916	2,918	2,932	2,976	3,028	3,106	241,851	245,607	247,658	248,944	252,047	254,896	259,582	3,059	3,091	3,099	3,114	3,158	3,208	3,270	8
1,469	1,478	1,488	1,515	1,524	1,536	1,542	150,782	152,104	153,108	155,418	156,402	157,392	158,474	2,429	2,456	2,500	2,578	2,647	2,677	2,721	9
26	27	29	30	30	30	22	4,222	4,356	4,348	4,458	4,598	4,512	4,380	111	99	101	112	126	114	111	10
1,443	1,451	1,460	1,485	1,494	1,506	1,520	146,560	147,749	148,759	150,960	151,804	152,880	154,094	2,318	2,357	2,399	2,467	2,521	2,563	2,610	11
5,913	6,031	6,103	6,235	6,234	6,470	6,483	707,376	723,678	741,449	760,414	770,578	790,467	799,637	9,957	9,971	10,138	10,225	10,110	10,133	10,221	12
747	756	759	771	771	790	790	85,392	86,459	87,725	89,478	90,328	91,811	92,362	1,675	1,671	1,681	1,696	1,673	1,668	1,671	13
1,035	1,080	1,136	1,318	1,366	1,265	1,362	123,669	126,432	131,250	132,761	135,137	135,825	139,512	1,389	1,399	1,439	1,476	1,475	1,488	1,526	14
–47	–9	34	194	226	116	196	3,734	4,424	6,423	5,518	5,233	3,406	4,150	10	13	18	15	14	11	11	15
1,082	1,088	1,102	1,124	1,140	1,148	1,165	119,936	122,008	124,827	127,242	129,904	132,419	135,361	1,378	1,386	1,421	1,460	1,461	1,477	1,516	16
23	62	105	266	301	194	276	9,650	10,469	12,596	11,899	11,894	10,370	11,394	16	19	24	22	21	18	18	17
7,671	7,806	7,893	8,058	8,069	8,331	8,358	906,787	926,099	947,828	970,754	984,148	1,007,732	1,020,116	13,004	13,022	13,235	13,375	13,237	13,271	13,400	18
5,785	5,890	5,975	6,082	6,093	6,334	6,339	754,891	772,745	792,598	811,780	824,057	846,929	857,981	8,653	8,709	8,912	8,965	8,844	8,924	9,027	19
57	57	60	65	64	65	68	8,998	9,318	9,917	10,005	10,050	10,210	10,694	190	196	208	217	215	221	234	20
1,153	1,162	1,138	1,114	1,094	1,130	1,154	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21
640	636	649	702	715	702	713	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22
438	447	461	451	457	455	468	135,627	136,847	137,540	139,666	142,241	147,521	145,849	565	549	561	588	535	600	552	23
193	197	197	198	201	202	210	97,503	98,294	98,288	99,601	102,065	105,521	104,700	158	162	168	175	170	173	169	24
245	250	263	253	256	253	258	38,124	38,553	39,252	40,065	40,176	41,999	41,149	407	387	393	414	365	426	383	25
689	704	700	699	726	711	712	57,230	58,468	59,400	61,488	62,444	64,008	64,647	1,286	1,309	1,333	1,338	1,306	1,326	1,343	26
273	275	265	280	275	282	283	54,268	55,364	56,810	57,482	58,162	59,128	60,787	379	384	389	365	367	378	384	27
750	758	790	796	792	810	834	82,686	84,615	86,429	88,148	89,705	92,285	93,571	1,168	1,170	1,184	1,207	1,249	1,240	1,249	28
372	383	405	397	401	549	443	75,961	78,438	82,532	83,772	85,082	84,890	86,335	519	527	557	565	566	567	577	29
1,414	1,467	1,507	1,578	1,568	1,629	1,664	283,112	290,339	298,444	308,213	312,901	325,131	330,474	2,687	2,752	2,793	2,787	2,822	2,861	2,918	30
1,887	1,916	1,917	1,976	1,976	1,998	2,020	151,896	153,354	155,230	158,974	160,091	160,803	162,135	4,351	4,314	4,323	4,410	4,393	4,348	4,373	31
383	386	386	398	401	407	412	26,339	26,628	26,857	27,946	27,679	27,344	27,245	1,094	1,102	1,089	1,126	1,130	1,126	1,126	32
199	201	200	204	204	206	206	14,998	14,968	14,891	15,106	14,983	15,028	14,988	931	939	930	940	925	928	918	33
1,304	1,329	1,331	1,374	1,372	1,385	1,402	110,560	111,759	113,481	115,922	117,429	118,431	119,902	2,326	2,273	2,304	2,344	2,338	2,294	2,329	34

Nevada							Oregon							Washington							Line
1998			1999				1998			1999				1998			1999				
II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	II r	III r	IV r	I r	II r	III r	IV p	
50,314	51,370	52,616	53,799	54,512	55,105	56,238	84,436	85,470	86,570	88,293	89,094	90,619	91,925	161,594	165,183	168,222	170,380	171,610	177,543	178,023	1
50,254	51,310	52,551	53,746	54,456	55,048	56,175	83,734	84,739	85,696	87,664	88,444	89,983	91,142	160,226	163,722	166,359	169,118	170,283	176,226	176,371	2
60	61	65	53	56	57	62	703	731	874	629	650	636	783	1,368	1,461	1,863	1,262	1,327	1,317	1,653	3
36,657	37,529	38,807	39,921	40,325	40,554	41,315	59,611	60,265	61,261	62,909	63,335	64,428	65,174	116,608	119,603	122,554	124,318	124,728	130,267	129,459	4
2,040	2,080	2,144	2,219	2,233	2,237	2,270	3,715	3,738	3,776	3,921	3,930	3,987	4,008	7,120	7,273	7,398	7,592	7,573	7,918	7,792	5
–677	–695	–725	–752	–753	–752	–766	–1,718	–1,718	–1,734	–1,802	–1,820	–1,830	–1,870	1,932	1,932	1,951	2,020	2,042	2,029	2,090	6
33,940	34,754	35,937	36,950	37,340	37,566	38,278	54,178	54,809	55,751	57,185	57,586	58,612	59,296	111,420	114,262	117,108	118,745	119,197	124,378	123,757	7
11,115	11,315	11,337	11,412	11,666	11,973	12,335	19,164	19,485	19,557	19,659	19,998	20,396	20,922	30,894	31,473	31,615	31,781	32,351	32,989	33,916	8
5,259	5,302	5,342	5,438	5,506	5,566	5,624	11,095	11,176	11,263	11,449	11,510	11,612	11,706	19,280	19,448	19,499	19,854	20,062	20,176	20,351	9
181	176	174	167	196	206	207	425	429	443	439	429	438	429	754	888	877	906	994	950	946	10
5,078	5,126	5,168	5,271	5,310	5,360	5,417	10,670	10,748	10,820	11,010	11,081	11,173	11,278	18,526	18,559	18,622	18,947	19,068	19,226	19,404	11
29,339	30,093	31,194	32,129	32,450	32,639	33,257	47,272	47,805	48,516	50,153	50,443	51,386	51,853	92,784	95,312	97,443	99,548	99,644	104,634	103,357	12
3,299	3,351	3,431	3,494	3,535	3,525	3,572	5,635	5,653	5,692	5,852	5,859	5,934	5,942	10,888	11,054	11,191	11,325	11,318	11,676	11,554	13
4,019	4,085	4,182	4,297	4,340	4,391	4,486	6,704	6,807	7,053	6,905	7,033	7,109	7,379	12,936	13,237	13,920	13,444	13,766	13,957	14,548	14
6	8	12	–2	–2	–4	–1	122	139	270	2	–9	–57	59	458	533	915	278	294	232	520	15
4,013	4,078	4,170	4,299	4,341	4,395	4,487	6,582	6,667	6,783	6,903	7,042	7,166	7,320	12,477	12,704	13,004	13,166	13,471	13,725	14,028	16
60	61	65	53	56	57	62	703	731	874	629	650	636	783	1,368	1,461	1,863	1,262	1,327	1,317	1,653	17
36,597	37,468	38,742	39,867	40,269	40,497	41,253	58,908	59,534	60,387	62,280	62,685	63,792	64,390	115,240	118,143	120,691	123,056	123,401	128,950	127,807	18
31,197	31,958	33,135	34,253	34,435	34,756	35,393	49,527	50,026	50,770	52,271	52,703	53,836	54,452	94,292	97,089	99,299	101,384	101,652	106,776	105,507	19
231	238	259	264	256	257	276	563	576	621	634	648	660	704	1,140	1,173	1,255	1,335	1,356	1,339	1,393	20
797	792	788	738	745	742	715	83	86	85	83	82	86	85	204	200	211	189	196	189	190	21
4,168	4,334	4,492	5,033	4,490	4,228	4,360	4,415	4,423	4,423	4,484	4,559	4,585	4,693	7,360	7,637	7,930	7,855	8,206	8,383	8,604	22
1,743	1,769	1,740	1,783	1,784	1,822	1,767	11,184	11,169	11,100	11,396	11,367	11,931	11,756	18,859	19,235	18,874	18,548	19,105	19,133	18,902	23
1,160	1,187	1,140	1,178	1,177	1,185	1,150	8,812	8,788	8,694	8,934	8,897	9,504	9,259	14,515	14,761	14,306	13,986	14,292	14,327	14,021	24
583	582	600	605	606	637	617	2,372	2,382	2,405	2,461	2,470	2,427	2,497	4,344	4,474	4,568	4,562	4,813	4,806	4,881	25
2,125	2,183	2,259	2,308	2,318	2,457	2,394	3,565	3,602	3,705	3,710	3,719	3,891	3,801	8,130	8,256	8,422	8,553	8,452	8,627	8,747	26
1,562	1,605	1,653	1,684	1,697	1,699	1,751	4,369	4,307	4,505	4,631	4,673	4,616	4,744	7,023	7,155	7,372	7,486	7,425	7,541	7,769	27
3,451	3,543	3,621	3,726	3,843	3,962	4,039	6,203	6,314	6,404	6,659	6,663	6,754	6,829	10,296	10,607	10,909	11,239	11,469	11,492	11,693	28
3,083	3,221	3,303	3,318	3,480	3,488	3,555	4,178	4,268	4,436	4,506	4,555	4,619	4,686	7,490	7,798	8,230	8,252	8,387	8,411	8,584	29
14,036	14,275	15,019	15,399	15,823	16,101	16,536	14,967	15,280	15,490	16,168	16,436	16,693	17,155	33,789	35,028	36,097	37,928	37,057	41,662	39,624	30
5,400	5,510	5,607	5,614	5,834	5,742	5,860	9,381	9,508	9,616	10,009	9,983	9,956	9,938	20,949	21,054	21,393	21,672	21,749	22,174	22,299	31
815	818	837	860	872	880	895	1,812	1,820	1,823	1,901	1,874	1,839	1,826	4,013	4,039	4,073	4,246	4,203	4,150	4,126	32
423	427	425	437	437	440	436	216	217	213	217	215	214	216	2,753	2,763	2,777	2,807	2,760	2,757	2,778	33
4,162	4,265	4,345	4,318	4,524	4,421	4,529	7,353	7,471	7,580	7,891	7,893	7,903	7,896	14,183	14,253	14,542	14,619	14,787	15,267	15,395	34

SUBJECT GUIDE

VOLUME 80 (2000), NUMBERS 1–6

This guide lists the major items that were published in the *Survey of Current Business* in the January–June 2000 issues. It gives the month of the issue and the beginning page number, and it includes selected boxes that are cited by title and page number.

General

GDP: One of the Great Inventions of the 20th Century (January): 6
  Notable Quotes, 9 [box]
Zvi Griliches and His Contributions to the Economic Measurement (January): 15

National

BEA personal income and IRS adjusted gross income
  New Estimates for 1997 and Revised Estimates for 1959–96 (February): 12
Federal budget estimates
  For Fiscal Year 2001 (March): 16
Federal personal income tax liabilities and payments
  Estimates for 1959–97 (March): 11
Fixed assets and consumer durable goods
  Estimates for 1925–98 and New NIPA Table—Changes in Net Stock of Produced Assets (April): 17
  Errata (May): 23
Gross product by industry
  Improved Estimates for 1969–99 (June): 24
Input-output accounts
  Annual Accounts for 1996 (January): 37
Inventories, sales, and inventory-sales ratios for manufacturing and trade
  Third Quarter 1999 (January): 18
  Fourth Quarter 1999 (April): 9
Motor vehicles
  In 1999 (February): 7
National income and product accounts (NIPA's)
  Business Situation
    Advance Estimates
      Fourth Quarter 1999 (February): 1
      First Quarter 2000 (May): 1
    Preliminary Estimates
      Fourth Quarter 1999 (March): 1
      First Quarter 2000 (June): 1
    Final Estimates
      Third Quarter 1999 (January): 1
      Fourth Quarter 1999 (April): 1
  Component Contribution Tables (May): 24
  Comprehensive Revision
    Improved Estimates for 1929–99 (April): 11
    Newly Available Tables (February): 23
    Errata (January): 35
  Government Spending by Function: A New Presentation (June): 18
  Note on Rates of Return for Domestic Nonfinancial Corporations, 1960–98 (June): 15
Satellite accounts
  Accounting for Renewable and Environmental Resources (March): 26
  Accounting for Subsoil Mineral Resources (February): 24
  U.S. Transportation Satellite Accounts for 1996 (May): 13
State and local government fiscal position
  In 1999 (May): 6
    Comprehensive NIPA Revision: Definitional and Classificational Changes, 7 [box]

International

Foreign direct investment in the United States
  An Examination of the Low Rates of Return of Foreign-Owned U.S. Companies (March): 55
    Accounting for Mergers and Acquisitions, 64 [box]
  New Investment in 1999 (June): 55
    New Industry Classifications, 59 [box]
U.S. international transactions
  An Ownership-Based Disaggregation of the U.S. Current Account, 1982–97 (January): 87
  Quarterly Estimates
    Third Quarter 1999 (January): 90
    Fourth Quarter and Year 1999 (April): 146

Regional

Industrial composition of State earnings
  In 1958–98 (February): 70
  Errata (March): 52
State personal income
  Comprehensive Revision
    Estimates for 1969–99 (June): 64
      Personal Income in the NIPA's and in State Personal Income, 72 [box]
  Quarterly Estimates
    Third Quarter 1999 (February): 51
      Upcoming Revision to State Personal Income, 53 [box]

National Data

A. Selected NIPA Tables

The tables in this section include the most recent estimates of gross domestic product and its components; these estimates were released on May 25, 2000 and include the "preliminary" estimates for the first quarter of 2000.

The selected set of NIPA tables shown in this section presents quarterly estimates, which are updated monthly; in most of these tables, annual estimates are also shown.

The news release on gross domestic product (GDP) is available within minutes of the time of release, and the "Selected NIPA Tables" are available later that day, on STAT-USA's Web site <www.stat-usa.gov>; for information, call STAT-USA on 202–482–1986. The GDP news release is also available within minutes of the time of release, and the "Selected NIPA Tables" a day or two later, on BEA's Web site <www.bea.doc.gov>.

The "Selected NIPA Tables" are also available on printouts or diskettes from BEA. To order NIPA subscription products, call the BEA Order Desk at 1–800–704–0415 (outside the United States, 202–606–9666).

S. Summary Tables

Table S.1.—Summary of Percent Change From Preceding Period in Real Gross Domestic Product and Related Measures

[Percent]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**4.3**	**4.2**	**5.9**	**3.7**	**1.9**	**5.7**	**7.3**	**5.4**
Personal consumption expenditures	**4.9**	**5.3**	**4.6**	**6.5**	**5.1**	**4.9**	**5.9**	**7.5**
Durable goods	11.3	11.5	20.4	12.4	9.1	7.7	13.0	22.4
Nondurable goods	4.0	5.4	5.0	8.9	3.3	3.6	7.6	5.6
Services	4.1	4.0	1.5	4.2	5.2	5.0	3.7	5.6
Gross private domestic investment	**11.7**	**5.8**	**11.5**	**3.6**	**–2.1**	**13.6**	**10.0**	**9.9**
Fixed investment	11.8	8.1	13.8	9.1	6.6	6.8	2.6	19.8
Nonresidential	12.7	8.3	15.3	7.8	7.0	10.9	2.9	25.2
Structures	4.1	–2.4	5.8	–5.8	–5.3	–3.8	–.5	20.7
Equipment and software	15.8	12.0	18.6	12.5	11.2	15.7	4.0	26.6
Residential	9.2	7.4	9.8	12.9	5.5	–3.8	1.8	5.2
Change in private inventories								
Net exports of goods and services								
Exports	2.2	3.8	16.3	–5.5	4.0	11.5	10.1	5.5
Goods	2.1	4.0	19.4	–9.3	4.3	16.9	11.1	6.8
Services	2.5	3.2	9.2	4.1	3.2	0	7.6	2.2
Imports	11.6	11.7	10.8	12.5	14.4	14.9	8.7	12.7
Goods	11.7	12.7	12.8	12.6	15.5	17.3	9.7	13.5
Services	10.8	6.9	1.6	11.9	8.9	3.6	3.4	8.3
Government consumption expenditures and gross investment	**1.7**	**3.7**	**2.9**	**5.1**	**1.3**	**4.5**	**9.3**	**–1.2**
Federal	–.9	2.8	3.9	–.5	2.1	4.1	14.7	–15.1
National defense	–1.9	1.8	–2.9	–4.0	–2.6	11.2	17.2	–22.3
Nondefense	.9	4.7	17.9	6.1	10.9	–7.1	10.3	–.9
State and local	3.2	4.2	2.4	8.2	.9	4.8	6.4	7.0
Addenda:								
Final sales of domestic product	4.3	4.5	6.3	4.6	3.4	4.5	6.0	6.9
Gross domestic purchases	5.4	5.1	5.5	5.8	3.2	6.2	7.2	6.4
Final sales to domestic purchasers	5.4	5.5	5.8	6.7	4.7	5.1	5.9	7.9
Gross national product	4.1	4.0	6.3	3.8	1.9	5.6	6.4	5.1
Disposable personal income	4.1	4.0	4.8	4.1	3.2	2.9	4.7	2.2

NOTE.—Percent changes from preceding period in the current-dollar and price measures for these series are shown in table 8.1.

Table S.2.—Summary of Contributions to Percent Change in Real Gross Domestic Product

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Percent change at annual rate:								
Gross domestic product	**4.3**	**4.2**	**5.9**	**3.7**	**1.9**	**5.7**	**7.3**	**5.4**
Percentage points at annual rates:								
Personal consumption expenditures	**3.25**	**3.45**	**3.14**	**4.28**	**3.36**	**3.33**	**4.07**	**5.02**
Durable goods	.86	.81	1.51	.96	.71	.62	1.03	1.70
Nondurable goods	.79	1.05	.98	1.69	.64	.73	1.51	1.12
Services	1.59	1.59	.66	1.63	2.00	1.98	1.53	2.20
Gross private domestic investment	**1.93**	**.99**	**1.94**	**.64**	**–.36**	**2.26**	**1.72**	**1.70**
Fixed investment	1.86	.97	2.20	1.49	1.10	1.16	.48	3.13
Nonresidential	1.49	.83	1.79	.95	.86	1.33	.39	2.90
Structures	.13	–.14	.18	–.18	–.16	–.11	–.01	.56
Equipment and software	1.37	.96	1.61	1.13	1.02	1.44	.40	2.35
Residential	.37	.15	.41	.54	.24	–.17	.09	.23
Change in private inventories	.07	.01	–.26	–.85	–1.46	1.09	1.24	–1.43
Net exports of goods and services	**–1.18**	**–1.09**	**.33**	**–2.13**	**–1.35**	**–.73**	**–.12**	**–1.12**
Exports	.25	.48	1.67	–.61	.42	1.19	1.08	.60
Goods	.17	.37	1.38	–.74	.32	1.19	.83	.52
Services	.08	.10	.29	.13	.10	0	.24	.08
Imports	–1.43	–1.57	–1.34	–1.53	–1.77	–1.92	–1.20	–1.72
Goods	–1.21	–1.43	–1.30	–1.28	–1.59	–1.84	–1.12	–1.54
Services	–.22	–.14	–.04	–.24	–.19	–.08	–.08	–.18
Government consumption expenditures and gross investment	**.31**	**.80**	**.53**	**.88**	**.23**	**.81**	**1.61**	**–.20**
Federal	–.06	.28	.24	–.03	.13	.26	.87	–1.00
National defense	–.08	.19	–.12	–.16	–.10	.42	.65	–.99
Nondefense	.02	.10	.36	.13	.23	–.16	.22	–.02
State and local	.37	.52	.29	.91	.10	.55	.75	.80

NOTE.—More detailed contributions to percent change in real gross domestic product are shown in table 8.2. Contributions to percent change in major components of real gross domestic product are shown in tables 8.3 through 8.6.

1. National Product and Income

Table 1.1.—Gross Domestic Product

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**8,759.9**	**9,256.1**	**8,947.6**	**9,072.7**	**9,146.2**	**9,297.8**	**9,507.9**	**9,697.6**
Personal consumption expenditures	**5,848.6**	**6,257.3**	**5,973.7**	**6,090.8**	**6,200.8**	**6,303.7**	**6,434.1**	**6,602.5**
Durable goods	698.2	758.6	722.8	739.0	751.6	761.8	782.1	818.6
Nondurable goods	1,708.9	1,843.1	1,742.9	1,787.8	1,824.8	1,853.9	1,905.8	1,957.2
Services	3,441.5	3,655.6	3,508.0	3,564.0	3,624.3	3,688.0	3,746.2	3,826.7
Gross private domestic investment	**1,531.2**	**1,622.7**	**1,580.3**	**1,594.3**	**1,585.4**	**1,635.0**	**1,675.8**	**1,719.3**
Fixed investment	1,460.0	1,578.0	1,508.9	1,543.3	1,567.8	1,594.2	1,606.8	1,685.4
Nonresidential	1,091.3	1,166.7	1,121.4	1,139.9	1,155.4	1,181.6	1,190.0	1,259.2
Structures	272.8	273.4	278.0	274.7	272.5	272.1	274.1	290.1
Equipment and software	818.5	893.4	843.4	865.2	882.9	909.5	916.0	969.2
Residential	368.7	411.3	387.5	403.4	412.4	412.7	416.7	426.1
Change in private inventories	71.2	44.6	71.4	51.0	17.6	40.8	69.1	34.0
Net exports of goods and services	**–149.6**	**–253.9**	**–161.2**	**–201.6**	**–245.8**	**–278.2**	**–290.1**	**–330.9**
Exports	966.3	998.3	981.8	966.9	978.2	1,008.5	1,039.5	1,058.9
Goods	681.3	699.0	693.3	674.3	680.5	708.8	732.3	747.7
Services	285.1	299.3	288.6	292.6	297.7	299.7	307.2	311.3
Imports	1,115.9	1,252.2	1,143.1	1,168.5	1,224.0	1,286.6	1,329.6	1,389.8
Goods	930.4	1,049.1	952.6	974.3	1,022.3	1,079.3	1,120.5	1,175.2
Services	185.5	203.1	190.4	194.2	201.7	207.4	209.0	214.6
Government consumption expenditures and gross investment	**1,529.7**	**1,630.1**	**1,554.8**	**1,589.1**	**1,605.9**	**1,637.2**	**1,688.0**	**1,706.7**
Federal	538.7	570.6	546.7	557.4	561.6	569.8	593.6	579.9
National defense	348.6	364.5	352.9	355.8	354.3	365.4	382.6	364.8
Nondefense	190.1	206.1	193.8	201.6	207.3	204.4	211.1	215.2
State and local	991.0	1,059.4	1,008.1	1,031.8	1,044.3	1,067.4	1,094.4	1,126.7

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.2.—Real Gross Domestic Product

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**8,495.7**	**8,848.2**	**8,639.5**	**8,717.6**	**8,758.3**	**8,879.8**	**9,037.2**	**9,156.7**
Personal consumption expenditures	**5,681.8**	**5,983.6**	**5,779.3**	**5,871.3**	**5,944.5**	**6,015.7**	**6,102.9**	**6,214.3**
Durable goods	731.5	815.7	766.0	788.8	806.1	821.2	846.7	890.6
Nondurable goods	1,685.3	1,776.1	1,712.6	1,749.5	1,763.7	1,779.3	1,812.0	1,836.7
Services	3,268.0	3,400.1	3,305.9	3,339.8	3,382.3	3,423.4	3,454.7	3,501.8
Gross private domestic investment	**1,547.4**	**1,637.7**	**1,593.9**	**1,608.2**	**1,599.8**	**1,651.6**	**1,691.4**	**1,731.9**
Fixed investment	1,471.8	1,590.5	1,522.5	1,555.9	1,581.0	1,607.3	1,617.8	1,692.5
Nonresidential	1,122.5	1,215.8	1,160.8	1,182.7	1,202.9	1,234.3	1,243.2	1,315.2
Structures	254.1	248.1	255.7	251.9	248.5	246.1	245.8	257.6
Equipment and software	870.6	974.9	908.5	935.7	960.9	996.6	1,006.4	1,067.7
Residential	350.2	376.1	362.6	373.7	378.8	375.1	376.8	381.6
Change in private inventories	74.3	42.2	70.7	50.1	14.0	38.0	66.7	30.5
Net exports of goods and services	**–217.6**	**–323.0**	**–234.4**	**–286.6**	**–321.1**	**–340.4**	**–344.1**	**–372.9**
Exports	1,004.6	1,042.3	1,028.7	1,014.3	1,024.3	1,052.6	1,078.2	1,092.6
Goods	722.8	751.9	744.2	726.4	734.1	763.3	783.7	796.8
Services	282.0	290.9	285.0	287.9	290.1	290.2	295.5	297.2
Imports	1,222.2	1,365.4	1,263.1	1,300.9	1,345.4	1,393.0	1,422.3	1,465.5
Goods	1,031.6	1,162.5	1,069.7	1,102.0	1,142.5	1,188.9	1,216.8	1,256.0
Services	190.7	203.9	193.8	199.4	203.7	205.5	207.2	211.4
Government consumption expenditures and gross investment	**1,478.8**	**1,534.1**	**1,494.7**	**1,513.4**	**1,518.3**	**1,535.3**	**1,569.6**	**1,564.8**
Federal	525.9	540.8	531.9	531.2	534.1	539.5	558.3	535.8
National defense	341.7	347.8	344.9	341.4	339.2	348.3	362.4	340.2
Nondefense	184.2	192.9	186.9	189.7	194.7	191.1	195.9	195.4
State and local	952.7	993.1	962.6	981.8	984.0	995.5	1,011.1	1,028.5
Residual	.6	4.8	–2.6	2.3	8.1	6.1	3.5	–.5

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Percent changes from preceding period for selected items in this table are shown in table 8.1; contributions to the percent change in real gross domestic product are shown in table 8.2.

Chain-type quantity indexes for the series in this table are shown in table 7.1.

Table 1.3.—Gross Domestic Product by Major Type of Product

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**8,759.9**	**9,256.1**	**8,947.6**	**9,072.7**	**9,146.2**	**9,297.8**	**9,507.9**	**9,697.6**
Final sales of domestic product	8,688.7	9,211.5	8,876.2	9,021.6	9,128.6	9,257.0	9,438.8	9,663.7
Change in private inventories	71.2	44.6	71.4	51.0	17.6	40.8	69.1	34.0
Goods	**3,310.3**	**3,482.2**	**3,389.8**	**3,416.6**	**3,424.2**	**3,494.0**	**3,593.7**	**3,668.4**
Final sales	3,239.1	3,437.5	3,318.4	3,365.6	3,406.6	3,453.2	3,524.6	3,634.4
Change in private inventories	71.2	44.6	71.4	51.0	17.6	40.8	69.1	34.0
Durable goods	1,567.8	1,644.5	1,610.0	1,608.3	1,607.9	1,654.0	1,707.6	1,752.7
Final sales	1,528.9	1,618.7	1,571.4	1,584.3	1,601.7	1,631.1	1,657.8	1,729.6
Change in private inventories	38.9	25.8	38.6	24.1	6.3	23.0	49.8	23.2
Nondurable goods	1,742.5	1,837.7	1,779.8	1,808.3	1,816.3	1,840.0	1,886.1	1,915.6
Final sales	1,710.2	1,818.8	1,747.0	1,781.3	1,804.9	1,822.2	1,866.9	1,904.9
Change in private inventories	32.2	18.9	32.8	27.0	11.4	17.8	19.2	10.8
Services	**4,664.5**	**4,932.0**	**4,747.9**	**4,820.7**	**4,885.5**	**4,963.7**	**5,058.2**	**5,138.1**
Structures	**785.1**	**842.0**	**809.9**	**835.3**	**836.5**	**840.1**	**856.0**	**891.1**
Addenda:								
Motor vehicle output	313.3	342.4	345.3	325.0	330.9	355.0	358.8	348.9
Gross domestic product less motor vehicle output	8,446.7	8,913.7	8,602.2	8,747.6	8,815.3	8,942.8	9,149.1	9,348.7

NOTE.—Percent changes from preceding period for gross domestic product and for final sales of domestic product are shown in table 8.1.

Table 1.4.—Real Gross Domestic Product by Major Type of Product

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**8,495.7**	**8,848.2**	**8,639.5**	**8,717.6**	**8,758.3**	**8,879.8**	**9,037.2**	**9,156.7**
Final sales of domestic product	8,420.8	8,800.5	8,568.7	8,665.0	8,737.5	8,835.0	8,964.6	9,116.3
Change in private inventories	74.3	42.2	70.7	50.1	14.0	38.0	66.7	30.5
Residual	**.6**	**5.5**	**.1**	**2.5**	**6.8**	**6.8**	**5.9**	**9.9**
Goods	**3,330.5**	**3,509.0**	**3,417.4**	**3,442.1**	**3,446.1**	**3,525.3**	**3,622.5**	**3,688.1**
Final sales	3,255.1	3,462.0	3,346.2	3,390.0	3,427.5	3,481.3	3,549.1	3,648.9
Change in private inventories	74.3	42.2	70.7	50.1	14.0	38.0	66.7	30.5
Durable goods	1,625.0	1,742.1	1,686.7	1,693.5	1,699.5	1,758.1	1,817.3	1,874.1
Final sales	1,585.1	1,715.3	1,646.9	1,668.7	1,693.5	1,734.2	1,765.0	1,850.3
Change in private inventories	39.7	26.7	39.6	25.1	6.5	23.8	51.3	23.8
Nondurable goods	1,708.1	1,771.8	1,734.6	1,752.0	1,750.4	1,772.9	1,811.9	1,823.3
Final sales	1,672.6	1,751.6	1,703.1	1,725.2	1,738.5	1,752.9	1,789.8	1,808.2
Change in private inventories	34.6	15.6	31.0	25.0	7.5	14.2	15.7	7.0
Services	**4,429.3**	**4,579.1**	**4,475.5**	**4,509.9**	**4,551.2**	**4,600.3**	**4,654.9**	**4,686.1**
Structures	**738.9**	**766.4**	**751.7**	**770.2**	**764.7**	**760.9**	**769.7**	**793.7**
Residual	–4.5	–6.5	–8.3	–6.5	–3.6	–6.5	–9.2	–12.4
Addenda:								
Motor vehicle output	315.7	345.2	348.6	329.0	335.7	355.8	360.3	352.9
Gross domestic product less motor vehicle output	8,180.3	8,504.0	8,292.4	8,389.0	8,423.2	8,525.6	8,678.4	8,804.5

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line following change in private inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in private inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.

Percent changes from preceding period for gross domestic product and for final sales of domestic product are shown in table 8.1 Chain-type quantity indexes for the series in this table are shown in table 7.17.

Table 1.5.—Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

[Billions of dollars]

Gross domestic product	**8,759.9**	**9,256.1**	**8,947.6**	**9,072.7**	**9,146.2**	**9,297.8**	**9,507.9**	**9,697.6**
Less: Exports of goods and services	966.3	998.3	981.8	966.9	978.2	1,008.5	1,039.5	1,058.9
Plus: Imports of goods and services	1,115.9	1,252.2	1,143.1	1,168.5	1,224.0	1,286.6	1,329.6	1,389.8
Equals: Gross domestic purchases	**8,909.5**	**9,510.0**	**9,108.8**	**9,274.2**	**9,392.0**	**9,575.9**	**9,798.0**	**10,028.5**
Less: Change in private inventories	71.2	44.6	71.4	51.0	17.6	40.8	69.1	34.0
Equals: Final sales to domestic purchasers	**8,838.3**	**9,465.4**	**9,037.4**	**9,223.2**	**9,374.4**	**9,535.1**	**9,728.9**	**9,994.5**

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.6.—Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

[Billions of chained (1996) dollars]

Gross domestic product	**8,495.7**	**8,848.2**	**8,639.5**	**8,717.6**	**8,758.3**	**8,879.8**	**9,037.2**	**9,156.7**
Less: Exports of goods and services	1,004.6	1,042.3	1,028.7	1,014.3	1,024.3	1,052.6	1,078.2	1,092.6
Plus: Imports of goods and services	1,222.2	1,365.4	1,263.1	1,300.9	1,345.4	1,393.0	1,422.3	1,465.5
Equals: Gross domestic purchases	**8,704.8**	**9,151.2**	**8,863.7**	**8,988.8**	**9,059.5**	**9,197.8**	**9,358.6**	**9,504.0**
Less: Change in private inventories	74.3	42.2	70.7	50.1	14.0	38.0	66.7	30.5
Equals: Final sales to domestic purchasers	**8,629.8**	**9,103.6**	**8,792.7**	**8,936.2**	**9,039.0**	**9,153.1**	**9,286.0**	**9,463.7**

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Percent changes from preceding period for selected series in this table are shown in table 8.1.

Chain-type quantity indexes for selected series in this table are shown in table 7.2.

Table 1.7.—Gross Domestic Product by Sector

[Billions of dollars]

Gross domestic product	**8,759.9**	**9,256.1**	**8,947.6**	**9,072.7**	**9,146.2**	**9,297.8**	**9,507.9**	**9,697.6**
Business [1]	**7,402.0**	**7,828.9**	**7,568.0**	**7,669.1**	**7,729.4**	**7,862.6**	**8,054.5**	**8,218.6**
Nonfarm [2]	7,321.9	7,746.4	7,475.5	7,580.5	7,645.3	7,784.0	7,975.7	8,141.5
Nonfarm less housing	6,621.4	7,001.4	6,757.5	6,850.3	6,906.2	7,034.3	7,214.8	7,365.9
Housing	700.4	745.0	718.0	730.2	739.1	749.7	760.9	775.6
Farm	80.2	82.5	92.5	88.6	84.1	78.6	78.8	77.1
Households and institutions	**385.6**	**408.3**	**393.4**	**399.7**	**404.9**	**411.0**	**417.7**	**422.6**
Private households	14.0	15.9	15.2	15.6	15.8	16.0	16.2	16.4
Nonprofit institutions	371.6	392.4	378.2	384.1	389.0	395.0	401.5	406.3
General government [3]	**972.3**	**1,019.0**	**986.2**	**1,003.9**	**1,012.0**	**1,024.2**	**1,035.8**	**1,056.4**
Federal	296.9	308.2	298.8	307.8	307.2	308.3	309.6	320.6
State and local	675.4	710.7	687.3	696.1	704.7	715.9	726.1	735.8

1. Equals gross domestic product less gross product of households and institutions and of general government.
2. Equals gross domestic business product less gross farm product.
3. Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.7.

Table 1.8.—Real Gross Domestic Product by Sector

[Billions of chained (1996) dollars]

Gross domestic product	**8,495.7**	**8,848.2**	**8,639.5**	**8,717.6**	**8,758.3**	**8,879.8**	**9,037.2**	**9,156.7**
Business [1]	**7,202.4**	**7,534.4**	**7,339.5**	**7,412.2**	**7,448.5**	**7,563.0**	**7,714.0**	**7,826.3**
Nonfarm [2]	7,100.8	7,432.9	7,237.1	7,310.6	7,345.6	7,464.2	7,611.1	7,722.7
Nonfarm less housing	6,441.1	6,753.0	6,572.5	6,638.6	6,669.2	6,781.0	6,923.0	7,027.4
Housing	660.2	681.0	665.4	672.9	677.2	684.2	689.6	697.0
Farm	100.7	99.5	101.4	100.2	101.6	95.8	100.5	100.9
Households and institutions	**369.0**	**376.3**	**371.3**	**373.2**	**374.8**	**377.2**	**380.1**	**382.4**
Private households	13.3	14.6	14.2	14.6	14.6	14.7	14.7	14.7
Nonprofit institutions	355.7	361.7	357.0	358.6	360.2	362.5	365.4	367.7
General government [3]	**924.8**	**939.1**	**929.6**	**933.3**	**936.2**	**941.3**	**945.6**	**951.0**
Federal	285.8	284.8	286.1	285.5	284.5	284.5	284.8	286.5
State and local	638.9	654.1	643.4	647.7	651.5	656.7	660.6	664.4
Residual	0	–.5	–.5	–.5	–.5	.4	–1.4	–1.9

1. Equals gross domestic product less gross product of households and institutions and of general government.
2. Equals gross domestic business product less gross farm product.
3. Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.8.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.14.

Table 1.9.—Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**8,759.9**	**9,256.1**	**8,947.6**	**9,072.7**	**9,146.2**	**9,297.8**	**9,507.9**	**9,697.6**
Plus: Income receipts from the rest of the world	285.3	302.3	280.8	283.8	296.1	307.7	321.7	337.2
Less: Income payments to the rest of the world	295.2	322.3	297.9	298.2	310.4	323.2	357.3	379.7
Equals: Gross national product	**8,750.0**	**9,236.2**	**8,930.5**	**9,058.2**	**9,131.9**	**9,282.3**	**9,472.3**	**9,655.1**
Less: Consumption of fixed capital	1,064.6	1,135.8	1,089.2	1,103.9	1,121.3	1,156.0	1,161.8	1,184.0
Private	878.4	939.7	900.1	911.9	926.8	958.8	961.3	980.7
Capital consumption allowances	906.2	975.5	932.2	947.1	964.7	989.9	1,000.5	1,017.2
Less: Capital consumption adjustment	27.7	35.8	32.1	35.2	37.9	31.1	39.1	36.5
Government	186.2	196.0	189.1	192.0	194.5	197.2	200.5	203.4
General government	158.6	166.8	160.9	163.4	165.5	167.7	170.5	172.9
Government enterprises	27.6	29.3	28.2	28.6	29.0	29.5	30.0	30.4
Equals: Net national product	**7,685.4**	**8,100.4**	**7,841.2**	**7,954.4**	**8,010.6**	**8,126.3**	**8,310.5**	**8,471.0**
Less: Indirect business tax and nontax liability	677.0	716.3	697.8	696.6	706.7	718.3	743.7	753.4
Business transfer payments	38.1	39.4	38.6	38.8	39.3	39.5	40.0	40.6
Statistical discrepancy	–47.6	–125.1	–62.4	–99.4	–135.5	–141.2	–124.5	–128.1
Plus: Subsidies less current surplus of government enterprises	20.8	26.5	31.4	21.0	27.9	17.3	39.7	22.8
Equals: National income	**7,038.8**	**7,496.3**	**7,198.6**	**7,339.4**	**7,428.1**	**7,527.0**	**7,690.9**	**7,828.0**
Less: Corporate profits with inventory valuation and capital consumption adjustments	848.4	892.7	839.0	886.9	880.5	884.1	919.4	953.9
Net interest	435.7	467.5	440.8	446.3	456.4	476.3	491.0	497.3
Contributions for social insurance	621.9	658.2	633.8	647.2	653.8	662.3	669.4	683.4
Wage accruals less disbursements	3.5	0	3.5	0	0	0	0	0
Plus: Personal interest income	897.8	931.3	906.4	907.4	920.5	938.8	958.5	972.5
Personal dividend income	348.3	364.3	351.9	356.1	361.2	367.0	373.1	379.6
Government transfer payments to persons	954.8	988.6	962.0	978.5	984.1	991.6	1,000.3	1,017.1
Business transfer payments to persons	28.8	29.6	29.0	29.3	29.5	29.7	29.9	30.0
Equals: Personal income	**7,358.9**	**7,791.8**	**7,530.8**	**7,630.2**	**7,732.6**	**7,831.4**	**7,972.9**	**8,092.5**
Addenda:								
Gross domestic income	8,807.5	9,381.3	9,009.9	9,172.0	9,281.7	9,439.0	9,632.4	9,825.8
Gross national income	8,797.6	9,361.3	8,992.8	9,157.6	9,267.4	9,423.5	9,596.8	9,783.2
Net domestic product	7,695.3	8,120.4	7,858.3	7,968.8	8,024.9	8,141.8	8,346.1	8,513.6

Table 1.10.—Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**8,495.7**	**8,848.2**	**8,639.5**	**8,717.6**	**8,758.3**	**8,879.8**	**9,037.2**	**9,156.7**
Plus: Income receipts from the rest of the world	279.2	291.8	274.0	276.0	286.6	296.5	308.2	320.5
Less: Income payments to the rest of the world	286.9	309.2	289.1	288.5	298.8	309.4	340.1	358.5
Equals: Gross national product	**8,487.8**	**8,830.8**	**8,624.4**	**8,705.1**	**8,746.0**	**8,866.8**	**9,005.2**	**9,118.5**
Less: Consumption of fixed capital	1,072.8	1,152.2	1,099.4	1,114.8	1,136.5	1,167.0	1,190.4	1,218.0
Private	887.5	960.0	911.7	925.3	945.3	974.0	995.5	1,021.2
Government	185.4	192.4	187.8	189.6	191.4	193.3	195.3	197.4
General government	158.4	164.4	160.5	161.9	163.5	165.1	166.8	168.6
Government enterprises	26.9	28.0	27.3	27.6	27.9	28.2	28.5	28.8
Equals: Net national product	**7,415.9**	**7,681.3**	**7,526.0**	**7,591.7**	**7,611.8**	**7,703.1**	**7,818.4**	**7,905.3**
Addenda:								
Gross domestic income [1]	8,541.7	8,967.8	8,699.7	8,813.1	8,888.0	9,014.6	9,155.5	9,277.7
Gross national income [2]	8,533.9	8,950.4	8,684.6	8,800.7	8,875.8	9,001.7	9,123.5	9,239.6
Net domestic product	7,423.6	7,698.6	7,541.0	7,604.1	7,623.9	7,716.0	7,850.2	7,943.2

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.
2. Gross national income deflated by the implicit price deflator for gross national product.

NOTE.—Except as noted in footnotes 1 and 2, chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

The chain-type quantity index for gross national product is shown in table 7.3.

Table 1.11.—Command-Basis Real Gross National Product

[Billions of chained (1996) dollars]

Gross national product	**8,487.8**	**8,830.8**	**8,624.4**	**8,705.1**	**8,746.0**	**8,866.8**	**9,005.2**	**9,118.5**
Less: Exports of goods and services and income receipts from the rest of the world	1,283.6	1,334.3	1,301.9	1,289.9	1,311.0	1,349.4	1,386.9	1,414.1
Plus: Command-basis exports of goods and services and income receipts from the rest of the world [1]	1,337.6	1,381.8	1,358.7	1,352.9	1,363.1	1,389.5	1,421.6	1,439.1
Equals: Command-basis gross national product	**8,541.8**	**8,878.3**	**8,681.1**	**8,768.1**	**8,798.1**	**8,907.0**	**9,040.0**	**9,143.6**
Addendum:								
Terms of trade [2]	104.2	103.5	104.4	104.9	104.0	103.0	102.5	101.8

1. Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments.
2. Ratio of the implicit price deflator for exports of goods and services and income receipts to the corresponding implicit price deflator for imports divided by 100.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Percent changes from preceding period for gross national product are shown in table 8.1.

Chain-type quantity indexes for the series in this table are shown in table 7.3.

Table 1.14.—National Income by Type of Income

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
National income	**7,038.8**	**7,496.3**	**7,198.6**	**7,339.4**	**7,428.1**	**7,527.0**	**7,690.9**	**7,828.0**
Compensation of employees	**5,011.2**	**5,331.7**	**5,134.7**	**5,217.7**	**5,287.1**	**5,373.6**	**5,448.3**	**5,546.2**
Wage and salary accruals	4,189.5	4,472.3	4,300.8	4,371.5	4,432.6	4,509.4	4,575.6	4,659.8
Government	692.8	726.5	702.8	715.8	721.3	730.3	738.5	754.3
Other	3,496.7	3,745.8	3,598.0	3,655.7	3,711.3	3,779.1	3,837.1	3,905.5
Supplements to wages and salaries	821.7	859.4	833.9	846.2	854.5	864.2	872.7	886.4
Employer contributions for social insurance	306.0	323.6	311.8	318.3	321.5	325.7	329.0	335.9
Other labor income	515.7	535.8	522.1	528.0	533.0	538.5	543.7	550.5
Proprietors' income with inventory valuation and capital consumption adjustments	**606.1**	**658.5**	**637.1**	**639.9**	**655.3**	**654.0**	**685.0**	**685.4**
Farm	25.1	31.3	41.1	32.5	34.1	21.0	37.6	23.7
Proprietors' income with inventory valuation adjustment	32.7	38.5	48.6	39.6	41.2	28.8	44.5	30.8
Capital consumption adjustment	–7.6	–7.3	–7.5	–7.2	–7.1	–7.9	–6.9	–7.1
Nonfarm	581.0	627.3	596.0	607.5	621.2	633.0	647.4	661.7
Proprietors' income	532.2	579.3	547.4	558.9	573.8	586.2	598.4	613.0
Inventory valuation adjustment	1.2	–.9	1.1	.8	–1.0	–1.9	–1.4	–2.0
Capital consumption adjustment	47.6	48.8	47.5	47.7	48.3	48.8	50.4	50.7
Rental income of persons with capital consumption adjustment	**137.4**	**145.9**	**147.0**	**148.6**	**148.8**	**139.0**	**147.3**	**145.2**
Rental income of persons	188.6	201.9	199.6	202.5	203.5	198.9	202.9	202.1
Capital consumption adjustment	–51.1	–56.0	–52.6	–53.9	–54.7	–59.9	–55.6	–56.9
Corporate profits with inventory valuation and capital consumption adjustments	**848.4**	**892.7**	**839.0**	**886.9**	**880.5**	**884.1**	**919.4**	**953.9**
Corporate profits with inventory valuation adjustment	802.8	835.6	787.4	831.4	822.2	827.1	861.4	897.0
Profits before tax	781.9	848.5	766.7	818.1	835.8	853.8	886.3	923.7
Profits tax liability	240.2	259.4	235.6	248.0	254.4	259.4	275.7	288.7
Profits after tax	541.7	589.1	531.0	570.1	581.4	594.3	610.6	635.0
Dividends	348.6	364.7	352.2	356.4	361.5	367.3	373.5	380.0
Undistributed profits	193.1	224.4	178.8	213.7	219.9	227.0	237.1	255.0
Inventory valuation adjustment	20.9	–13.0	20.8	13.3	–13.6	–26.7	–24.9	–26.7
Capital consumption adjustment	45.6	57.2	51.6	55.5	58.2	57.0	58.0	56.9
Net interest	**435.7**	**467.5**	**440.8**	**446.3**	**456.4**	**476.3**	**491.0**	**497.3**
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments	608.2	633.3	603.4	638.9	626.0	624.7	643.6	665.2
Net cash flow with inventory valuation and capital consumption adjustments	876.5	929.7	883.6	923.4	916.7	929.0	949.9	979.8
Undistributed profits with inventory valuation and capital consumption adjustments	259.6	268.6	251.2	282.5	264.5	257.4	270.1	285.2
Consumption of fixed capital	616.9	661.1	632.4	640.9	652.2	671.6	679.7	694.6
Less: Inventory valuation adjustment	20.9	–13.0	20.8	13.3	–13.6	–26.7	–24.9	–26.7
Equals: Net cash flow	855.5	942.7	862.8	910.1	930.3	955.6	974.8	1,006.5

Table 1.16.—Gross Product of Corporate Business in Current Dollars and Gross Product of Nonfinancial Corporate Business in Current and Chained Dollars

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
	Billions of dollars							
Gross product of corporate business	**5,375.3**	**5,729.8**	**5,500.1**	**5,599.7**	**5,666.1**	**5,759.7**	**5,893.7**	**6,017.8**
Consumption of fixed capital	616.9	661.1	632.4	640.9	652.2	671.6	679.7	694.6
Net product	4,758.4	5,068.7	4,867.7	4,958.8	5,013.9	5,088.1	5,214.0	5,323.2
Indirect business tax and nontax liability plus business transfer payments less subsidies	494.1	524.4	513.3	509.6	517.3	524.7	545.9	553.8
Domestic income	4,264.3	4,544.3	4,354.4	4,449.2	4,496.6	4,563.4	4,668.1	4,769.4
Compensation of employees	3,385.3	3,614.1	3,481.2	3,532.0	3,582.7	3,644.4	3,697.4	3,762.1
Wage and salary accruals	2,871.5	3,076.0	2,958.4	3,002.1	3,047.6	3,103.3	3,151.0	3,207.1
Supplements to wages and salaries	513.9	538.1	522.8	529.9	535.0	541.1	546.4	555.0
Corporate profits with inventory valuation and capital consumption adjustments	748.4	789.4	740.7	782.6	777.1	776.0	821.9	855.0
Profits before tax	681.9	745.2	668.3	713.8	732.5	745.6	788.8	824.8
Profits tax liability	240.2	259.4	235.6	248.0	254.4	259.4	275.7	288.7
Profits after tax	441.6	485.8	432.7	465.8	478.0	486.2	513.1	536.1
Dividends	314.6	331.6	328.1	308.4	342.2	337.9	338.1	334.6
Undistributed profits	127.0	154.1	104.6	157.4	135.9	148.3	174.9	201.4
Inventory valuation adjustment	20.9	–13.0	20.8	13.3	–13.6	–26.7	–24.9	–26.7
Capital consumption adjustment	45.6	57.2	51.6	55.5	58.2	57.0	58.0	56.9
Net interest	130.6	140.8	132.5	134.6	136.8	143.0	148.8	152.3
Gross product of financial corporate business	**608.8**	**657.3**	**621.5**	**643.0**	**643.3**	**657.2**	**685.8**	**696.6**
Gross product of nonfinancial corporate business	**4,766.4**	**5,072.5**	**4,878.6**	**4,956.7**	**5,022.8**	**5,102.5**	**5,207.9**	**5,321.2**
Consumption of fixed capital	520.6	554.7	532.5	539.0	547.5	563.8	568.5	579.9
Net product	4,245.9	4,517.8	4,346.1	4,417.6	4,475.3	4,538.8	4,639.4	4,741.3
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3	484.4	474.7	470.5	477.6	484.5	504.9	512.0
Domestic income	3,790.6	4,033.4	3,871.4	3,947.2	3,997.7	4,054.3	4,134.5	4,229.3
Compensation of employees	3,090.4	3,298.7	3,174.6	3,223.8	3,270.0	3,326.3	3,374.7	3,433.7
Wage and salary accruals	2,618.7	2,805.2	2,695.5	2,737.9	2,779.4	2,830.1	2,873.6	2,924.8
Supplements to wages and salaries	471.7	493.5	479.0	486.0	490.7	496.2	501.1	509.0
Corporate profits with inventory valuation and capital consumption adjustments	576.7	602.8	572.7	597.2	599.5	594.0	620.3	652.9
Profits before tax	490.6	537.1	479.8	508.6	534.2	541.8	563.9	597.7
Profits tax liability	152.5	167.6	148.8	157.9	166.9	169.3	176.1	187.6
Profits after tax	338.1	369.6	331.0	350.6	367.3	372.5	387.8	410.2
Dividends	245.4	259.7	256.9	241.5	267.9	264.6	264.8	262.0
Undistributed profits	92.7	109.9	74.0	109.1	99.4	108.0	123.1	148.1
Inventory valuation adjustment	20.9	–13.0	20.8	13.3	–13.6	–26.7	–24.9	–26.7
Capital consumption adjustment	65.2	78.6	72.2	75.4	78.8	78.8	81.3	81.8
Net interest	123.5	131.9	124.1	126.1	128.1	134.0	139.4	142.7
	Billions of chained (1996) dollars							
Gross product of nonfinancial corporate business	**4,736.6**	**5,013.9**	**4,842.5**	**4,911.0**	**4,964.2**	**5,044.0**	**5,136.5**	**5,228.1**
Consumption of fixed capital [1]	530.0	577.1	545.3	554.1	566.9	587.3	600.0	616.2
Net product [2]	4,206.6	4,436.9	4,297.1	4,356.9	4,397.4	4,456.7	4,536.5	4,611.9

1. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100.
2. Chained-dollar net product of nonfinancial corporate business is the difference between the gross product and the consumption of fixed capital.

2. Personal Income and Outlays

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Personal income	**7,358.9**	**7,791.8**	**7,530.8**	**7,630.2**	**7,732.6**	**7,831.4**	**7,972.9**	**8,092.5**
Wage and salary disbursements	**4,186.0**	**4,472.3**	**4,297.3**	**4,371.5**	**4,432.6**	**4,509.4**	**4,575.6**	**4,659.8**
Private industries	3,493.2	3,745.8	3,594.5	3,655.7	3,711.3	3,779.1	3,837.1	3,905.5
Goods-producing industries	1,038.7	1,082.4	1,056.6	1,062.9	1,075.1	1,090.2	1,101.4	1,120.7
Manufacturing	757.5	779.7	765.6	767.0	774.8	786.4	790.7	798.9
Distributive industries	944.6	1,005.8	969.9	986.3	997.6	1,013.4	1,025.8	1,042.8
Service industries	1,509.9	1,657.6	1,568.0	1,606.6	1,638.5	1,675.5	1,709.9	1,742.0
Government	692.8	726.5	702.8	715.8	721.3	730.3	738.5	754.3
Other labor income	**515.7**	**535.8**	**522.1**	**528.0**	**533.0**	**538.5**	**543.7**	**550.5**
Proprietors' income with inventory valuation and capital consumption adjustments	**606.1**	**658.5**	**637.1**	**639.9**	**655.3**	**654.0**	**685.0**	**685.4**
Farm	25.1	31.3	41.1	32.5	34.1	21.0	37.6	23.7
Nonfarm	581.0	627.3	596.0	607.5	621.2	633.0	647.4	661.7
Rental income of persons with capital consumption adjustment	**137.4**	**145.9**	**147.0**	**148.6**	**148.8**	**139.0**	**147.3**	**145.2**
Personal dividend income	**348.3**	**364.3**	**351.9**	**356.1**	**361.2**	**367.0**	**373.1**	**379.6**
Personal interest income	**897.8**	**931.3**	**906.4**	**907.4**	**920.5**	**938.8**	**958.5**	**972.5**
Transfer payments to persons	**983.6**	**1,018.2**	**991.0**	**1,007.8**	**1,013.6**	**1,021.3**	**1,030.2**	**1,047.1**
Old-age, survivors, disability, and health insurance benefits	578.1	596.4	581.1	588.9	593.0	599.0	604.7	617.7
Government unemployment insurance benefits	19.8	20.3	19.9	20.5	20.3	20.2	20.2	20.2
Veterans benefits	23.3	24.3	23.6	24.3	24.1	24.3	24.5	25.2
Other transfer payments	362.3	377.2	366.4	374.1	376.2	377.8	380.8	384.0
Family assistance [1]	17.1	15.9	17.3	16.9	16.3	15.4	15.1	15.2
Other	345.2	361.3	349.1	357.2	359.9	362.4	365.7	368.8
Less: Personal contributions for social insurance	**315.9**	**334.6**	**322.0**	**328.9**	**332.3**	**336.7**	**340.4**	**347.6**
Less: Personal tax and nontax payments	**1,072.6**	**1,152.1**	**1,113.0**	**1,124.8**	**1,139.4**	**1,160.4**	**1,183.8**	**1,212.7**
Equals: Disposable personal income	**6,286.2**	**6,639.7**	**6,417.8**	**6,505.4**	**6,593.2**	**6,671.0**	**6,789.1**	**6,879.8**
Less: Personal outlays	**6,056.6**	**6,483.3**	**6,190.3**	**6,310.3**	**6,425.2**	**6,531.5**	**6,666.3**	**6,839.2**
Personal consumption expenditures	5,848.6	6,257.3	5,973.7	6,090.8	6,200.8	6,303.7	6,434.1	6,602.5
Interest paid by persons	185.7	201.7	193.2	196.1	199.9	203.3	207.4	211.7
Personal transfer payments to the rest of the world (net)	22.3	24.3	23.3	23.5	24.6	24.5	24.7	25.0
Equals: Personal saving	**229.7**	**156.3**	**227.5**	**195.1**	**168.0**	**139.5**	**122.8**	**40.6**
Addenda:								
Disposable personal income:								
Total, billions of chained (1996) dollars [2]	6,107.1	6,349.4	6,209.0	6,271.0	6,320.7	6,366.2	6,439.6	6,475.4
Per capita:								
Current dollars	23,231	24,307	23,628	23,904	24,171	24,389	24,759	25,044
Chained (1996) dollars	22,569	23,244	22,859	23,043	23,172	23,275	23,485	23,571
Population (mid-period, millions)	270.6	273.2	271.6	272.1	272.8	273.5	274.2	274.7
Personal saving as a percentage of disposable personal income	**3.7**	**2.4**	**3.5**	**3.0**	**2.5**	**2.1**	**1.8**	**.6**

1. Consists of aid to families with dependent children and, beginning with 1996, assistance programs operating under the Personal Responsibility and Work Opportunity Reconciliation Act of 1996.
2. Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.

NOTE.—Percent changes from preceding period for disposable personal income are shown in table 8.1.

Table 2.2.—Personal Consumption Expenditures by Major Type of Product

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Personal consumption expenditures	**5,848.6**	**6,257.3**	**5,973.7**	**6,090.8**	**6,200.8**	**6,303.7**	**6,434.1**	**6,602.5**
Durable goods	**698.2**	**758.6**	**722.8**	**739.0**	**751.6**	**761.8**	**782.1**	**818.6**
Motor vehicles and parts	289.2	316.1	304.4	306.8	313.8	318.1	325.5	344.4
Furniture and household equipment	268.7	290.5	275.3	283.8	287.3	292.0	298.9	309.4
Other	140.3	152.1	143.1	148.3	150.5	151.8	157.7	164.8
Nondurable goods	**1,708.9**	**1,843.1**	**1,742.9**	**1,787.8**	**1,824.8**	**1,853.9**	**1,905.8**	**1,957.2**
Food	853.4	904.1	875.6	885.4	893.4	903.9	933.8	944.8
Clothing and shoes	286.3	306.3	289.2	301.8	306.7	308.1	308.6	319.1
Gasoline, fuel oil, and other energy goods	126.2	138.7	120.9	120.1	136.3	144.6	153.6	170.4
Gasoline and oil	112.9	123.8	108.3	106.5	121.7	129.3	137.7	151.1
Fuel oil and coal	13.2	14.9	12.6	13.7	14.6	15.4	15.9	19.4
Other	442.9	494.0	457.2	480.5	488.4	497.3	509.8	522.9
Services	**3,441.5**	**3,655.6**	**3,508.0**	**3,564.0**	**3,624.3**	**3,688.0**	**3,746.2**	**3,826.7**
Housing	855.9	902.5	874.3	885.6	897.3	907.6	919.6	932.9
Household operation	346.9	362.2	347.3	356.2	360.3	366.8	365.3	371.5
Electricity and gas	128.1	130.2	122.9	128.3	129.4	133.8	129.3	132.5
Other household operation	218.8	231.9	224.5	227.9	230.9	233.0	236.0	238.9
Transportation	245.2	255.0	247.7	250.3	254.0	256.5	259.1	263.4
Medical care	894.3	941.3	910.5	922.5	933.0	948.1	961.7	977.8
Recreation	221.0	246.2	226.1	233.1	241.0	252.1	258.7	269.2
Other	878.2	948.4	902.1	916.4	938.8	956.8	981.8	1,011.9
Addenda:								
Energy goods and services [1]	254.3	268.9	243.8	248.4	265.7	278.5	282.9	303.0
Personal consumption expenditures less food and energy	4,740.8	5,084.3	4,854.3	4,956.9	5,041.6	5,121.3	5,217.5	5,354.8

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 2.3.—Real Personal Consumption Expenditures by Major Type of Product

[Billions of chained (1996) dollars]

Personal consumption expenditures	**5,681.8**	**5,983.6**	**5,779.3**	**5,871.3**	**5,944.5**	**6,015.7**	**6,102.9**	**6,214.3**
Durable goods	**731.5**	**815.7**	**766.0**	**788.8**	**806.1**	**821.2**	**846.7**	**890.6**
Motor vehicles and parts	291.9	318.2	307.4	310.4	317.2	319.6	325.7	346.2
Furniture and household equipment	297.4	341.9	312.6	326.7	335.5	346.0	359.4	375.1
Other	142.7	157.3	146.5	152.9	154.7	157.6	164.1	171.4
Nondurable goods	**1,685.3**	**1,776.1**	**1,712.6**	**1,749.5**	**1,763.7**	**1,779.3**	**1,812.0**	**1,836.7**
Food	820.6	851.8	835.4	839.5	844.6	850.0	873.1	878.1
Clothing and shoes	292.2	317.8	295.6	314.7	316.8	321.6	318.1	332.8
Gasoline, fuel oil, and other energy goods	142.1	144.3	141.9	142.9	143.9	144.5	146.0	142.1
Gasoline and oil	127.7	128.3	127.7	127.1	127.5	128.2	130.4	126.8
Fuel oil and coal	14.5	16.0	14.2	15.8	16.4	16.3	15.6	15.3
Other	430.6	462.2	439.4	452.6	458.6	463.5	474.1	484.3
Services	**3,268.0**	**3,400.1**	**3,305.9**	**3,339.8**	**3,382.3**	**3,423.4**	**3,454.7**	**3,501.8**
Housing	805.6	826.0	812.0	818.4	823.1	828.5	834.1	839.3
Household operation	344.3	359.5	345.4	354.0	358.8	364.4	361.0	366.5
Electricity and gas	129.6	132.3	125.7	131.1	132.2	135.4	130.2	132.9
Other household operation	214.7	227.1	219.6	222.8	226.4	228.9	230.5	233.3
Transportation	234.2	241.0	236.1	237.7	239.9	242.4	243.9	245.5
Medical care	854.4	876.9	862.2	865.6	872.0	880.9	889.1	896.7
Recreation	208.8	228.0	212.8	218.4	225.0	232.4	236.3	243.2
Other	820.3	868.1	836.8	845.3	863.1	874.6	889.4	909.7
Residual	–3.4	–9.3	–4.7	–7.7	–8.5	–10.2	–11.1	–16.3
Addenda:								
Energy goods and services [1]	271.8	276.7	267.3	274.1	276.2	280.0	276.5	274.9
Personal consumption expenditures less food and energy	4,589.1	4,853.7	4,675.1	4,756.4	4,822.4	4,884.5	4,951.6	5,059.8

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.4.

Contributions to the percent change in real personal consumption expenditures are shown in table 8.3.

3. Government Current Receipts and Expenditures

Table 3.1.—Government Current Receipts and Expenditures

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Current receipts	**2,611.8**	**2,786.0**	**2,680.2**	**2,716.6**	**2,754.4**	**2,800.5**	**2,872.6**	**2,938.2**
Personal tax and nontax receipts	1,072.6	1,152.1	1,113.0	1,124.8	1,139.4	1,160.4	1,183.8	1,212.7
Corporate profits tax accruals	240.2	259.4	235.6	248.0	254.4	259.4	275.7	288.7
Indirect business tax and nontax accruals	677.0	716.3	697.8	696.6	706.7	718.3	743.7	753.4
Contributions for social insurance	621.9	658.2	633.8	647.2	653.8	662.3	669.4	683.4
Current expenditures	**2,523.1**	**2,619.6**	**2,566.3**	**2,570.3**	**2,598.7**	**2,617.8**	**2,691.7**	**2,695.2**
Consumption expenditures	1,261.0	1,332.2	1,282.1	1,299.4	1,313.7	1,341.5	1,374.3	1,385.5
Transfer payments (net)	965.2	999.2	980.7	985.3	993.3	1,000.1	1,018.0	1,023.8
To persons	954.8	988.6	962.0	978.5	984.1	991.6	1,000.3	1,017.1
To the rest of the world (net)	10.4	10.5	18.7	6.8	9.2	8.5	17.7	6.7
Net interest paid	276.4	262.1	272.5	265.0	264.1	259.2	260.1	263.4
Interest paid	368.4	356.8	365.6	358.1	358.6	354.3	356.0	360.6
To persons and business	277.3	261.6	274.8	267.4	266.0	257.7	255.4	254.2
To the rest of the world	91.1	95.1	90.8	90.7	92.6	96.6	100.6	106.4
Less: Interest received by government	92.0	94.7	93.2	93.1	94.5	95.1	95.9	97.2
Less: Dividends received by government	.3	.3	.3	.3	.3	.3	.3	.4
Subsidies less current surplus of government enterprises	20.8	26.5	31.4	21.0	27.9	17.3	39.7	22.8
Subsidies	35.6	43.8	46.4	38.0	44.9	34.6	57.5	41.1
Less: Current surplus of government enterprises	14.8	17.3	15.0	16.9	17.0	17.3	17.9	18.4
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (–), national income and product accounts	**88.7**	**166.4**	**113.9**	**146.3**	**155.7**	**182.7**	**180.9**	**243.0**
Social insurance funds	57.3	77.7	67.0	72.7	76.4	79.7	81.9	83.7
Other	31.4	88.7	46.9	73.6	79.3	103.0	99.0	159.4
Addenda:								
Net lending or net borrowing (–)	34.4	92.5	58.2	75.6	86.9	108.9	98.6	153.2
Current surplus or deficit (–), national income and product accounts	88.7	166.4	113.9	146.3	155.7	182.7	180.9	243.0
Plus: Consumption of fixed capital	186.2	196.0	189.1	192.0	194.5	197.2	200.5	203.4
Plus: Capital transfers received (net)	32.6	36.9	34.8	35.1	37.9	34.5	40.3	37.1
Less: Gross investment	268.7	297.8	272.6	289.8	292.2	295.7	313.7	321.1
Less: Net purchases of nonproduced assets	4.3	9.1	7.0	8.0	8.9	9.9	9.5	9.2

Table 3.2.—Federal Government Current Receipts and Expenditures

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Current receipts	**1,750.7**	**1,871.3**	**1,793.3**	**1,826.5**	**1,853.1**	**1,883.1**	**1,922.3**	**1,976.8**
Personal tax and nontax receipts	835.7	900.2	868.1	877.9	892.1	908.0	922.7	949.6
Income taxes	827.6	891.3	859.8	869.4	883.4	899.0	913.5	940.0
Nontaxes	8.1	8.9	8.3	8.5	8.8	9.0	9.3	9.6
Corporate profits tax accruals	206.5	222.4	202.6	212.6	218.1	222.4	236.7	247.9
Federal Reserve banks	26.6	24.7	26.7	23.5	23.7	24.6	27.1	28.3
Other	179.9	197.7	175.9	189.1	194.4	197.9	209.6	219.6
Indirect business tax and nontax accruals	97.3	101.5	99.6	99.5	100.0	101.5	105.0	107.7
Excise taxes	62.9	67.0	65.7	66.3	66.9	66.9	68.1	72.7
Customs duties	19.6	20.0	19.6	19.0	18.8	20.5	21.5	19.5
Nontaxes	14.8	14.5	14.3	14.1	14.2	14.2	15.5	15.5
Contributions for social insurance	611.2	647.1	623.1	636.5	642.9	651.2	657.9	671.5
Current expenditures	**1,703.8**	**1,755.8**	**1,733.5**	**1,728.9**	**1,735.0**	**1,749.3**	**1,810.2**	**1,790.5**
Consumption expenditures	453.5	474.8	460.0	467.0	465.2	475.0	491.9	483.4
Transfer payments (net)	730.4	754.5	742.1	743.4	749.7	754.8	770.1	773.5
To persons	720.0	744.0	723.5	736.6	740.5	746.4	752.4	766.8
To the rest of the world (net)	10.4	10.5	18.7	6.8	9.2	8.5	17.7	6.7
Grants-in-aid to State and local governments	209.3	225.5	214.2	219.9	215.7	230.6	235.6	234.4
Net interest paid	278.4	262.8	274.3	266.0	264.8	259.9	260.6	263.9
Interest paid	297.7	285.4	294.8	287.1	287.4	282.9	284.2	288.4
To persons and business	206.6	190.3	204.0	196.4	194.8	186.3	183.6	182.0
To the rest of the world	91.1	95.1	90.8	90.7	92.6	96.6	100.6	106.4
Less: Interest received by government	19.3	22.6	20.5	21.1	22.6	23.0	23.6	24.5
Subsidies less current surplus of government enterprises	32.1	38.3	42.9	32.6	39.5	29.0	51.8	35.3
Subsidies	35.1	43.3	45.9	37.5	44.4	34.1	57.0	40.6
Less: Current surplus of government enterprises	3.0	5.0	3.0	4.8	4.9	5.1	5.2	5.3
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (–), national income and product accounts	**46.9**	**115.4**	**59.7**	**97.6**	**118.1**	**133.8**	**112.2**	**186.3**
Social insurance funds	56.4	76.9	66.3	72.2	75.6	78.9	80.9	82.4
Other	–9.4	38.5	–6.6	25.4	42.5	54.9	31.3	103.9
Addenda:								
Net lending or net borrowing (–)	51.1	106.3	60.8	96.2	108.3	120.4	100.1	174.4
Current surplus or deficit (–), national income and product accounts	46.9	115.4	59.7	97.6	118.1	133.8	112.2	186.3
Plus: Consumption of fixed capital	87.4	90.9	88.1	89.6	90.2	91.2	92.4	93.4
Plus: Capital transfers received (net)	–3.6	–5.0	–3.4	–2.7	–4.8	–9.7	–2.9	–8.9
Less: Gross investment	85.2	95.8	86.7	90.4	96.4	94.9	101.7	96.6
Less: Net purchases of nonproduced assets	–5.6	–.8	–3.1	–2.1	–1.1	0	–.2	–.2

Table 3.3.—State and Local Government Current Receipts and Expenditures

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Current receipts	**1,070.4**	**1,140.2**	**1,101.1**	**1,110.0**	**1,117.0**	**1,148.0**	**1,185.9**	**1,195.8**
Personal tax and nontax receipts	236.9	251.9	244.9	246.9	247.3	252.4	261.1	263.1
Income taxes	184.7	196.8	191.6	192.9	192.5	197.0	204.9	206.2
Nontaxes	33.2	35.3	34.0	34.5	35.1	35.6	36.2	36.8
Other	19.0	19.7	19.3	19.5	19.7	19.8	20.0	20.1
Corporate profits tax accruals	33.8	37.0	33.1	35.4	36.4	37.0	39.1	40.9
Indirect business tax and nontax accruals	579.6	614.8	598.2	597.1	606.8	616.8	638.6	645.6
Sales taxes	284.3	307.2	291.1	298.5	303.7	309.5	317.0	325.6
Property taxes	225.5	234.5	226.3	229.5	232.8	236.1	239.4	242.3
Other	69.8	73.2	80.8	69.1	70.3	71.2	82.3	77.7
Contributions for social insurance	10.7	11.1	10.7	10.7	10.9	11.2	11.5	11.9
Federal grants-in-aid	209.3	225.5	214.2	219.9	215.7	230.6	235.6	234.4
Current expenditures	**1,028.7**	**1,089.2**	**1,046.9**	**1,061.2**	**1,079.4**	**1,099.1**	**1,117.1**	**1,139.1**
Consumption expenditures	807.5	857.4	822.2	832.4	848.4	866.5	882.4	902.2
Transfer payments to persons	234.8	244.7	238.5	241.9	243.6	245.3	247.8	250.3
Net interest paid	–2.0	–.7	–1.8	–1.0	–.7	–.6	–.6	–.4
Interest paid	70.7	71.3	70.8	71.0	71.2	71.5	71.8	72.2
Less: Interest received by government	72.7	72.1	72.7	72.0	71.9	72.1	72.3	72.7
Less: Dividends received by government	.3	.3	.3	.3	.3	.3	.3	.4
Subsidies less current surplus of government enterprises	–11.3	–11.8	–11.6	–11.6	–11.6	–11.7	–12.2	–12.6
Subsidies	.5	.5	.5	.5	.5	.5	.5	.5
Less: Current surplus of government enterprises	11.7	12.3	12.1	12.1	12.1	12.2	12.7	13.1
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (–), national income and product accounts	**41.7**	**51.0**	**54.2**	**48.7**	**37.6**	**48.9**	**68.8**	**56.7**
Social insurance funds	.9	.8	.7	.6	.8	.8	1.0	1.3
Other	40.8	50.2	53.4	48.2	36.8	48.1	67.7	55.5
Addenda:								
Net lending or net borrowing (–)	–16.8	–13.8	–2.6	–20.6	–21.4	–11.6	–1.5	–21.2
Current surplus or deficit (–), national income and product accounts	41.7	51.0	54.2	48.7	37.6	48.9	68.8	56.7
Plus: Consumption of fixed capital	98.8	105.2	101.1	102.4	104.3	106.0	108.1	109.9
Plus: Capital transfers received (net)	36.2	42.0	38.2	37.8	42.6	44.2	43.2	46.0
Less: Gross investment	183.5	202.0	185.9	199.4	195.8	200.8	212.0	224.6
Less: Net purchases of nonproduced assets	9.9	9.9	10.2	10.1	10.0	9.8	9.6	9.3

Table 3.7.—Government Consumption Expenditures and Gross Investment by Type

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Government consumption expenditures and gross investment [1]	**1,529.7**	**1,630.1**	**1,554.8**	**1,589.1**	**1,605.9**	**1,637.2**	**1,688.0**	**1,706.7**
Federal	**538.7**	**570.6**	**546.7**	**557.4**	**561.6**	**569.8**	**593.6**	**579.9**
National defense	**348.6**	**364.5**	**352.9**	**355.8**	**354.3**	**365.4**	**382.6**	**364.8**
Consumption expenditures	299.9	310.7	303.4	304.6	300.8	312.1	325.5	310.5
Durable goods [2]	21.0	21.4	21.4	20.4	21.1	22.4	22.0	21.8
Nondurable goods	7.0	8.0	6.9	6.4	7.4	9.8	8.6	10.1
Services	271.9	281.2	275.1	277.8	272.3	279.9	294.9	278.6
Compensation of general government employees, except own-account investment [3]	131.0	133.0	129.9	133.2	132.9	133.3	132.6	137.3
Consumption of general government fixed capital [4]	61.6	62.5	61.5	62.2	62.3	62.7	62.9	63.1
Other services	79.3	85.7	83.6	82.4	77.1	83.9	99.4	78.2
Gross investment	48.7	53.8	49.5	51.2	53.5	53.4	57.1	54.3
Structures	5.4	5.3	5.1	5.4	5.3	5.2	5.3	4.9
Equipment and software	43.3	48.5	44.4	45.8	48.2	48.2	51.9	49.4
Nondefense	**190.1**	**206.1**	**193.8**	**201.6**	**207.3**	**204.4**	**211.1**	**215.2**
Consumption expenditures	153.6	164.1	156.5	162.4	164.4	162.9	166.5	172.9
Durable goods [2]	–.2	1.3	1.2	1.3	1.4	1.1	1.3	1.4
Nondurable goods	8.4	9.8	8.6	9.5	9.6	10.1	10.2	10.8
Commodity Credit Corporation inventory change	.1	1.1	.4	1.1	.8	1.1	1.2	1.6
Other nondurables	8.2	8.8	8.2	8.4	8.8	8.9	9.0	9.2
Services	145.5	152.9	146.8	151.7	153.4	151.7	155.0	160.6
Compensation of general government employees, except own-account investment [3]	81.9	87.9	84.2	88.3	87.6	87.3	88.6	93.8
Consumption of general government fixed capital [4]	20.9	23.0	21.5	22.3	22.7	23.2	24.0	24.7
Other services	42.7	42.0	41.0	41.1	43.2	41.2	42.4	42.1
Gross investment	36.5	42.0	37.2	39.2	42.9	41.5	44.6	42.3
Structures	11.3	11.3	11.6	11.7	10.8	11.4	11.5	10.7
Equipment and software	25.2	30.7	25.7	27.4	32.1	30.1	33.1	31.5
State and local	**991.0**	**1,059.4**	**1,008.1**	**1,031.8**	**1,044.3**	**1,067.4**	**1,094.4**	**1,126.7**
Consumption expenditures	807.5	857.4	822.2	832.4	848.4	866.5	882.4	902.2
Durable goods [2]	15.2	16.2	15.5	15.8	16.0	16.3	16.7	17.0
Nondurable goods	86.3	95.3	86.7	87.7	93.1	98.5	101.8	109.8
Services	706.1	746.0	719.9	728.8	739.3	751.7	764.0	775.5
Compensation of general government employees, except own-account investment [3]	592.6	621.9	602.6	609.8	616.9	626.4	634.5	642.1
Consumption of general government fixed capital [4]	76.0	81.2	77.8	78.9	80.5	81.9	83.6	85.2
Other services	37.5	42.8	39.5	40.2	41.9	43.4	45.9	48.2
Gross investment	183.5	202.0	185.9	199.4	195.8	200.8	212.0	224.6
Structures	135.2	149.7	136.1	148.9	144.4	147.8	157.6	168.6
Equipment and software	48.3	52.3	49.8	50.5	51.5	53.0	54.4	55.9
Addenda:								
Compensation of general government employees [3]	813.8	852.2	825.3	840.5	846.5	856.4	865.2	883.5
Federal	214.4	222.7	215.7	223.3	222.2	222.4	222.8	232.8
State and local	599.4	629.5	609.5	617.2	624.2	634.0	642.5	650.6

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addenda.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

Table 3.8.—Real Government Consumption Expenditures and Gross Investment by Type

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Government consumption expenditures and gross investment [1]	**1,478.8**	**1,534.1**	**1,494.7**	**1,513.4**	**1,518.3**	**1,535.3**	**1,569.6**	**1,564.8**
Federal	**525.9**	**540.8**	**531.9**	**531.2**	**534.1**	**539.5**	**558.3**	**535.8**
National defense	**341.7**	**347.8**	**344.9**	**341.4**	**339.2**	**348.3**	**362.4**	**340.2**
Consumption expenditures	291.4	293.3	293.6	289.5	284.9	294.0	304.9	285.4
Durable goods [2]	21.2	21.7	21.6	20.6	21.3	22.7	22.2	22.0
Nondurable goods	8.1	8.8	8.1	7.7	8.5	10.4	8.6	9.5
Services	262.3	263.1	263.9	261.2	255.4	261.5	274.3	254.4
Compensation of general government employees, except own-account investment [3]	124.3	121.0	122.6	121.5	121.0	121.2	120.3	119.9
Consumption of general government fixed capital [4]	62.2	62.2	62.1	62.1	62.1	62.2	62.3	62.4
Other services	75.9	80.1	79.3	77.8	72.4	78.2	91.8	72.1
Gross investment	50.3	54.7	51.4	52.1	54.6	54.5	57.8	55.2
Structures	5.1	4.8	4.8	5.0	4.9	4.7	4.7	4.4
Equipment and software	45.3	50.1	46.8	47.2	49.9	50.0	53.3	51.0
Nondefense	**184.2**	**192.9**	**186.9**	**189.7**	**194.7**	**191.1**	**195.9**	**195.4**
Consumption expenditures	147.1	151.0	149.0	150.6	151.9	149.7	152.0	153.8
Durable goods [2]	–.1	1.5	1.3	1.5	1.7	1.4	1.5	1.6
Nondurable goods	8.4	10.9	8.8	10.4	10.6	11.4	11.3	11.9
Commodity Credit Corporation inventory change	.1	2.4	.5	2.0	2.0	2.7	2.7	3.2
Other nondurables	8.3	8.6	8.3	8.4	8.6	8.6	8.6	8.6
Services	138.9	140.0	139.2	139.7	140.9	138.6	140.8	142.1
Compensation of general government employees, except own-account investment [3]	76.8	77.3	78.1	78.2	77.2	76.4	77.3	78.6
Consumption of general government fixed capital [4]	21.3	23.2	22.0	22.5	22.9	23.4	24.0	24.5
Other services	41.0	39.8	39.3	39.2	41.0	39.1	39.8	39.2
Gross investment	37.2	42.2	38.1	39.4	43.2	41.9	44.5	41.9
Structures	10.6	10.4	10.8	10.9	9.9	10.4	10.4	9.6
Equipment and software	26.7	32.2	27.5	28.6	33.7	31.8	34.5	32.7
State and local	**952.7**	**993.1**	**962.6**	**981.8**	**984.0**	**995.5**	**1,011.1**	**1,028.5**
Consumption expenditures	773.9	800.0	782.7	789.3	796.2	803.8	810.7	817.4
Durable goods [2]	15.3	16.4	15.7	16.0	16.2	16.5	16.8	17.1
Nondurable goods	91.4	97.3	93.5	95.0	96.5	98.1	99.6	101.2
Services	667.6	687.0	674.0	678.9	684.1	690.0	695.0	699.9
Compensation of general government employees, except own-account investment [3]	557.6	568.4	560.6	563.5	566.6	570.5	573.1	575.4
Consumption of general government fixed capital [4]	75.0	79.0	76.4	77.4	78.4	79.5	80.6	81.7
Other services	34.7	39.4	36.7	37.8	38.9	39.8	41.3	42.8
Gross investment	178.8	193.2	179.9	192.7	187.8	191.7	200.7	211.6
Structures	127.5	136.4	126.6	137.8	132.1	134.1	141.5	150.2
Equipment and software	51.8	57.6	54.0	55.2	56.6	58.6	60.0	61.9
Residual	–1.3	–4.5	–1.9	–2.5	–4.1	–5.0	–5.3	–4.8
Addenda:								
Compensation of general government employees [3]	766.6	775.1	769.4	771.6	773.1	776.6	779.2	783.0
Federal	202.6	199.8	202.3	201.2	199.8	199.2	199.0	200.1
State and local	564.0	575.4	567.1	570.4	573.3	577.4	580.3	583.0

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.

See footnotes to table 3.7.

Chain-type quantity indexes for the series in this table are shown in table 7.11.

Contributions to percent change in real government consumption expenditures and gross investment are shown in table 8.6.

Table 3.10.—National Defense Consumption Expenditures and Gross Investment

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
National defense consumption expenditures and gross investment [1]	**348.6**	**364.5**	**352.9**	**355.8**	**354.3**	**365.4**	**382.6**	**364.8**
Consumption expenditures	**299.9**	**310.7**	**303.4**	**304.6**	**300.8**	**312.1**	**325.5**	**310.5**
Durable goods [2]	**21.0**	**21.4**	**21.4**	**20.4**	**21.1**	**22.4**	**22.0**	**21.8**
Aircraft	10.1	10.1	11.0	9.6	9.7	10.4	10.5	10.1
Missiles	2.3	2.2	2.1	2.2	2.1	2.3	2.3	2.1
Ships	.6	.7	.6	.6	.8	.7	.6	1.1
Vehicles	.9	.8	.9	.7	.8	.8	.8	.7
Electronics	2.5	2.8	2.4	2.5	2.8	3.0	2.8	3.1
Other durable goods	4.6	4.9	4.4	4.7	4.9	5.0	4.9	4.6
Nondurable goods	**7.0**	**8.0**	**6.9**	**6.4**	**7.4**	**9.8**	**8.6**	**10.1**
Petroleum products	2.1	2.5	1.7	1.5	2.3	3.6	2.5	3.8
Ammunition	1.9	1.9	2.0	1.8	1.8	2.3	1.9	1.7
Other nondurable goods	3.1	3.7	3.2	3.1	3.4	3.9	4.3	4.6
Services	**271.9**	**281.2**	**275.1**	**277.8**	**272.3**	**279.9**	**294.9**	**278.6**
Compensation of general government employees, except own-account investment [3]	131.0	133.0	129.9	133.2	132.9	133.3	132.6	137.3
Military	83.7	84.5	83.1	84.7	84.2	84.6	84.5	87.5
Civilian	47.2	48.5	46.8	48.5	48.7	48.7	48.1	49.9
Consumption of general government fixed capital [4]	61.6	62.5	61.5	62.2	62.3	62.7	62.9	63.1
Other services	79.3	85.7	83.6	82.4	77.1	83.9	99.4	78.2
Research and development	21.2	18.7	22.8	18.8	15.3	18.0	22.6	16.4
Installation support	23.9	26.9	23.4	24.6	24.2	27.1	31.6	25.1
Weapons support	8.5	8.8	9.3	8.5	8.4	8.8	9.6	8.0
Personnel support	18.9	23.8	20.3	22.0	20.9	23.8	28.5	22.3
Transportation of material	4.9	5.5	5.3	5.6	6.0	5.4	4.9	4.9
Travel of persons	3.5	3.5	3.5	3.6	3.6	3.6	3.3	3.2
Other	–1.7	–1.4	–1.0	–.7	–1.4	–2.7	–1.0	–1.6
Gross investment	**48.7**	**53.8**	**49.5**	**51.2**	**53.5**	**53.4**	**57.1**	**54.3**
Structures	**5.4**	**5.3**	**5.1**	**5.4**	**5.3**	**5.2**	**5.3**	**4.9**
Equipment and software	**43.3**	**48.5**	**44.4**	**45.8**	**48.2**	**48.2**	**51.9**	**49.4**
Aircraft	5.6	7.6	7.0	6.1	7.6	7.8	8.9	9.7
Missiles	3.3	2.8	2.9	2.8	2.7	2.7	3.0	2.1
Ships	6.4	6.7	6.9	6.8	6.6	6.5	7.1	6.0
Vehicles	1.5	1.6	1.4	1.4	1.8	1.6	1.7	1.8
Electronics and software	12.7	15.0	13.0	13.7	15.2	15.6	15.7	16.4
Other equipment	13.8	14.7	13.2	15.1	14.4	14.0	15.3	13.4
Addendum:								
Compensation of general government employees [3]	131.5	133.6	130.5	133.8	133.5	133.9	133.1	137.9

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.
2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries.
3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addendum.
4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

Table 3.11.—Real National Defense Consumption Expenditures and Gross Investment

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
National defense consumption expenditures and gross investment [1]	**341.7**	**347.8**	**344.9**	**341.4**	**339.2**	**348.3**	**362.4**	**340.2**
Consumption expenditures	**291.4**	**293.3**	**293.6**	**289.5**	**284.9**	**294.0**	**304.9**	**285.4**
Durable goods [2]	**21.2**	**21.7**	**21.6**	**20.6**	**21.3**	**22.7**	**22.2**	**22.0**
Aircraft	10.2	10.2	11.2	9.8	9.9	10.7	10.7	10.3
Missiles	2.4	2.2	2.2	2.2	2.1	2.3	2.3	2.1
Ships	.6	.7	.6	.7	.8	.8	.6	1.2
Vehicles	.7	.7	.7	.6	.7	.7	.7	.6
Electronics	2.6	3.0	2.6	2.7	3.1	3.3	3.1	3.4
Other durable goods	4.6	4.9	4.4	4.7	4.9	5.1	5.0	4.7
Nondurable goods	**8.1**	**8.8**	**8.1**	**7.7**	**8.5**	**10.4**	**8.6**	**9.5**
Petroleum products	3.0	3.1	2.7	2.6	3.2	4.2	2.5	3.1
Ammunition	1.9	2.0	2.1	1.8	1.8	2.4	1.9	1.7
Other nondurable goods	3.1	3.6	3.1	3.1	3.4	3.8	4.2	4.5
Services	**262.3**	**263.1**	**263.9**	**261.2**	**255.4**	**261.5**	**274.3**	**254.4**
Compensation of general government employees, except own-account investment [3]	124.3	121.0	122.6	121.5	121.0	121.2	120.3	119.9
Military	80.1	78.5	79.4	78.6	78.2	78.8	78.5	78.5
Civilian	44.2	42.5	43.3	42.8	42.8	42.5	41.8	41.5
Consumption of general government fixed capital [4]	62.2	62.2	62.1	62.1	62.1	62.2	62.3	62.4
Other services	75.9	80.1	79.3	77.8	72.4	78.2	91.8	72.1
Research and development	20.3	17.7	21.8	17.9	14.5	17.0	21.2	15.3
Installation support	23.2	25.6	22.4	23.6	23.1	25.8	29.9	23.8
Weapons support	8.1	8.1	8.8	7.9	7.8	8.0	8.7	7.2
Personnel support	17.5	21.2	18.5	19.8	18.8	21.1	24.9	19.5
Transportation of material	4.9	5.4	5.4	5.7	6.0	5.2	4.7	4.7
Travel of persons	3.4	3.3	3.4	3.4	3.4	3.4	3.1	2.9
Other	–1.5	–1.3	–1.0	–.6	–1.2	–2.4	–.9	–1.5
Gross investment	**50.3**	**54.7**	**51.4**	**52.1**	**54.6**	**54.5**	**57.8**	**55.2**
Structures	**5.1**	**4.8**	**4.8**	**5.0**	**4.9**	**4.7**	**4.7**	**4.4**
Equipment and software	**45.3**	**50.1**	**46.8**	**47.2**	**49.9**	**50.0**	**53.3**	**51.0**
Aircraft	6.2	7.8	8.1	6.3	7.8	8.1	9.1	10.2
Missiles	3.5	3.0	3.0	2.9	2.9	2.9	3.2	2.3
Ships	6.4	6.7	6.9	6.8	6.6	6.5	7.0	5.9
Vehicles	1.5	1.6	1.4	1.4	1.8	1.6	1.8	1.8
Electronics and software	13.8	16.3	14.3	14.7	16.4	17.0	16.9	17.5
Other equipment	13.8	14.7	13.1	15.0	14.3	14.0	15.3	13.4
Residual	–.1	–.7	–.4	–.1	–.9	–1.4	–.8	–1.2
Addendum:								
Compensation of general government employees [3]	124.8	121.5	123.1	122.0	121.5	121.7	120.7	120.4

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the line in the addendum.

Chain-type indexes for the series in this table are shown in table 7.12.

See footnotes to table 3.10.

4. Foreign Transactions

Table 4.1.—Foreign Transactions in the National Income and Product Accounts

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Receipts from the rest of the world	**1,251.6**	**1,300.6**	**1,262.7**	**1,250.7**	**1,274.3**	**1,316.2**	**1,361.2**	**1,396.1**
Exports of goods and services	966.3	998.3	981.8	966.9	978.2	1,008.5	1,039.5	1,058.9
Goods [1]	681.3	699.0	693.3	674.3	680.5	708.8	732.3	747.7
Durable	487.2	503.6	498.3	486.7	489.8	512.2	525.8	539.9
Nondurable	194.0	195.4	195.0	187.6	190.7	196.6	206.5	207.7
Services [1]	285.1	299.3	288.6	292.6	297.7	299.7	307.2	311.3
Income receipts	285.3	302.3	280.8	283.8	296.1	307.7	321.7	337.2
Payments to the rest of the world	**1,251.6**	**1,300.6**	**1,262.7**	**1,250.7**	**1,274.3**	**1,316.2**	**1,361.2**	**1,396.1**
Imports of goods and services	1,115.9	1,252.2	1,143.1	1,168.5	1,224.0	1,286.6	1,329.6	1,389.8
Goods [1]	930.4	1,049.1	952.6	974.3	1,022.3	1,079.3	1,120.5	1,175.2
Durable	636.1	716.3	659.5	676.6	701.7	732.5	754.4	784.4
Nondurable	294.3	332.8	293.2	297.7	320.6	346.7	366.1	390.8
Services [1]	185.5	203.1	190.4	194.2	201.7	207.4	209.0	214.6
Income payments	295.2	322.3	297.9	298.2	310.4	323.2	357.3	379.7
Transfer payments (net)	42.0	44.6	51.6	39.7	43.6	42.7	52.5	42.3
From persons (net)	22.3	24.3	23.3	23.5	24.6	24.5	24.7	25.0
From government (net)	10.4	10.5	18.7	6.8	9.2	8.5	17.7	6.7
From business	9.3	9.8	9.6	9.5	9.8	9.8	10.1	10.6
Net foreign investment	–201.5	–318.5	–229.9	–255.7	–303.7	–336.3	–378.2	–415.7

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

Table 4.2.—Real Exports and Imports of Goods and Services and Receipts and Payments of Income

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Exports of goods and services	**1,004.6**	**1,042.3**	**1,028.7**	**1,014.3**	**1,024.3**	**1,052.6**	**1,078.2**	**1,092.6**
Goods [1]	722.8	751.9	744.2	726.4	734.1	763.3	783.7	796.8
Durable	513.5	537.5	529.3	518.2	522.8	548.2	560.9	575.8
Nondurable	209.3	214.2	214.9	208.1	211.2	214.9	222.7	220.8
Services [1]	282.0	290.9	285.0	287.9	290.1	290.2	295.5	297.2
Income receipts	**279.2**	**291.8**	**274.0**	**276.0**	**286.6**	**296.5**	**308.2**	**320.5**
Imports of goods and services	**1,222.2**	**1,365.4**	**1,263.1**	**1,300.9**	**1,345.4**	**1,393.0**	**1,422.3**	**1,465.5**
Goods [1]	1,031.6	1,162.5	1,069.7	1,102.0	1,142.5	1,188.9	1,216.8	1,256.0
Durable	700.2	804.3	733.7	753.6	787.4	825.3	850.8	882.7
Nondurable	331.6	358.5	336.0	348.5	355.0	363.8	366.8	374.7
Services [1]	190.7	203.9	193.8	199.4	203.7	205.5	207.2	211.4
Income payments	**286.9**	**309.2**	**289.1**	**288.5**	**298.8**	**309.4**	**340.1**	**358.5**

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. Chain-type quantity indexes for the series in this table are shown in table 7.9.

Table 4.3.—Exports and Imports of Goods and Services by Type of Product

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Exports of goods and services	**966.3**	**998.3**	**981.8**	**966.9**	**978.2**	**1,008.5**	**1,039.5**	**1,058.9**
Exports of goods [1]	**681.3**	**699.0**	**693.3**	**674.3**	**680.5**	**708.8**	**732.3**	**747.7**
Foods, feeds, and beverages	46.4	45.5	47.5	43.2	45.3	47.1	46.5	47.1
Industrial supplies and materials	142.8	142.0	139.7	133.6	137.0	142.6	154.8	158.1
Durable goods	53.7	53.8	52.6	51.7	52.5	53.8	57.4	60.9
Nondurable goods	89.1	88.1	87.1	81.9	84.5	88.8	97.4	97.1
Capital goods, except automotive	300.1	311.2	309.2	301.7	299.5	319.3	324.2	329.1
Civilian aircraft, engines, and parts	53.5	53.4	63.6	56.6	48.7	53.9	54.3	45.2
Computers, peripherals, and parts	45.2	46.6	45.6	44.1	46.5	48.2	47.6	50.7
Other	201.3	211.2	200.0	200.9	204.3	217.2	222.4	233.1
Automotive vehicles, engines, and parts	73.2	74.8	74.7	71.4	75.0	76.0	76.8	80.8
Consumer goods, except automotive	79.3	80.8	79.2	79.6	79.1	80.6	83.7	87.7
Durable goods	40.5	41.4	40.3	39.5	40.5	41.5	44.2	46.6
Nondurable goods	38.7	39.3	38.9	40.1	38.7	39.0	39.5	41.1
Other	39.5	44.7	43.0	44.8	44.5	43.2	46.3	44.9
Exports of services [1]	**285.1**	**299.3**	**288.6**	**292.6**	**297.7**	**299.7**	**307.2**	**311.3**
Transfers under U.S. military agency sales contracts	16.3	16.2	15.1	16.5	16.0	16.5	15.8	14.2
Travel	71.3	73.7	71.8	72.6	73.5	73.0	75.7	76.8
Passenger fares	20.0	21.1	19.4	20.0	21.0	21.3	22.1	22.3
Other transportation	25.5	27.5	26.3	26.0	26.9	27.6	29.3	29.7
Royalties and license fees	36.8	37.5	39.6	37.3	37.6	37.4	37.6	37.6
Other private services	92.1	99.0	93.0	96.4	98.6	99.3	101.7	105.4
Other	23.1	24.4	23.5	23.8	24.2	24.5	25.0	25.3
Imports of goods and services	**1,115.9**	**1,252.2**	**1,143.1**	**1,168.5**	**1,224.0**	**1,286.6**	**1,329.6**	**1,389.8**
Imports of goods [1]	**930.4**	**1,049.1**	**952.6**	**974.3**	**1,022.3**	**1,079.3**	**1,120.5**	**1,175.2**
Foods, feeds, and beverages	41.2	43.6	41.6	41.7	43.8	44.2	44.8	44.3
Industrial supplies and materials, except petroleum and products	142.6	148.7	140.3	140.0	143.8	151.6	159.4	165.6
Durable goods	75.8	79.2	75.1	75.0	77.8	80.1	84.1	89.4
Nondurable goods	66.8	69.5	65.2	65.0	66.1	71.5	75.3	76.2
Petroleum and products	50.9	67.5	45.8	42.4	63.7	78.3	85.6	108.7
Capital goods, except automotive	269.6	296.8	274.2	279.1	291.7	302.2	314.2	323.4
Civilian aircraft, engines, and parts	21.8	23.4	24.2	22.2	22.6	24.9	23.7	23.1
Computers, peripherals, and parts	72.5	81.4	74.7	77.6	82.0	82.5	83.5	83.5
Other	175.3	192.0	175.3	179.3	187.1	194.7	206.9	216.8
Automotive vehicles, engines, and parts	149.1	180.1	161.2	171.6	175.1	186.2	187.5	197.2
Consumer goods, except automotive	216.7	239.9	221.1	229.2	232.8	243.0	254.3	262.2
Durable goods	111.5	123.9	114.7	115.8	121.5	127.2	131.3	137.5
Nondurable goods	105.2	115.9	106.4	113.5	111.4	115.8	123.0	124.7
Other	60.4	72.5	68.5	70.3	71.4	73.7	74.7	73.7
Imports of services [1]	**185.5**	**203.1**	**190.4**	**194.2**	**201.7**	**207.4**	**209.0**	**214.6**
Direct defense expenditures	12.8	14.7	13.6	14.0	14.4	15.4	15.0	15.0
Travel	56.1	60.7	56.5	59.4	60.0	60.9	62.6	64.2
Passenger fares	19.8	21.5	20.5	20.5	21.3	21.8	22.4	23.5
Other transportation	30.5	34.2	31.4	30.9	33.2	36.1	36.6	37.5
Royalties and license fees	11.3	12.4	11.7	12.7	13.0	11.9	12.3	12.3
Other private services	47.7	51.8	49.1	49.3	52.2	53.3	52.2	54.1
Other	7.4	7.7	7.6	7.4	7.7	7.9	7.8	7.9
Addenda:								
Exports of agricultural goods [2]	53.1	49.7	54.3	47.3	49.0	51.8	50.8	52.7
Exports of nonagricultural goods	628.2	649.2	638.9	627.0	631.4	657.0	681.6	695.0
Imports of nonpetroleum goods	879.5	981.6	906.8	931.9	958.7	1,001.0	1,034.9	1,066.5

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

2. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 4.4.—Real Exports and Imports of Goods and Services by Type of Product

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Exports of goods and services	**1,004.6**	**1,042.3**	**1,028.7**	**1,014.3**	**1,024.3**	**1,052.6**	**1,078.2**	**1,092.6**
Exports of goods [1]	**722.8**	**751.9**	**744.2**	**726.4**	**734.1**	**763.3**	**783.7**	**796.8**
Foods, feeds, and beverages	55.1	56.7	57.8	52.9	56.1	59.1	58.8	59.4
Industrial supplies and materials	151.5	153.0	152.3	147.1	150.1	152.7	162.1	162.2
Durable goods	56.5	58.2	56.3	55.9	57.0	58.2	61.6	64.9
Nondurable goods	95.1	94.8	96.0	91.1	93.1	94.4	100.4	97.5
Capital goods, except automotive	324.5	341.7	337.2	329.6	328.4	352.1	356.7	363.0
Civilian aircraft, engines, and parts	51.1	49.9	60.4	53.2	45.6	50.3	50.4	41.5
Computers, peripherals, and parts	59.9	68.0	63.1	62.6	67.1	71.4	70.7	76.4
Other	212.7	224.9	212.3	213.4	217.5	231.9	236.8	249.1
Automotive vehicles, engines, and parts	72.5	73.7	73.9	70.5	74.0	74.8	75.3	79.0
Consumer goods, except automotive	78.7	80.4	78.8	79.3	78.9	80.3	83.2	86.9
Durable goods	40.2	41.4	40.2	39.5	40.5	41.4	44.1	46.3
Nondurable goods	38.4	39.0	38.6	39.8	38.4	38.8	39.1	40.6
Other	40.9	46.8	44.9	46.9	46.8	45.3	48.1	46.4
Exports of services [1]	**282.0**	**290.9**	**285.0**	**287.9**	**290.1**	**290.2**	**295.5**	**297.2**
Transfers under U.S. military agency sales contracts	17.1	16.2	16.1	16.5	16.1	16.5	15.6	14.2
Travel	69.4	71.0	69.5	70.7	70.6	70.1	72.5	73.3
Passenger fares	20.9	20.5	19.6	19.7	20.7	20.6	20.9	21.3
Other transportation	26.4	28.0	27.4	27.7	27.7	27.7	29.1	28.7
Royalties and license fees	36.0	36.1	38.6	36.3	36.3	36.0	36.0	35.7
Other private services	91.4	97.0	92.1	95.0	96.7	97.2	99.2	101.7
Other	20.8	21.9	21.6	21.8	22.0	21.9	22.1	22.1
Residual	.2	–1.8	.3	.8	–1.9	–3.0	–2.5	–5.5
Imports of goods and services	**1,222.2**	**1,365.4**	**1,263.1**	**1,300.9**	**1,345.4**	**1,393.0**	**1,422.3**	**1,465.5**
Imports of goods [1]	**1,031.6**	**1,162.5**	**1,069.7**	**1,102.0**	**1,142.5**	**1,188.9**	**1,216.8**	**1,256.0**
Foods, feeds, and beverages	42.2	46.1	42.8	43.7	46.0	47.2	47.6	47.0
Industrial supplies and materials, except petroleum and products	150.2	157.3	151.1	151.1	154.5	159.0	164.7	167.2
Durable goods	78.2	81.4	79.6	78.7	80.7	81.2	85.2	87.4
Nondurable goods	71.9	75.8	71.4	72.3	73.7	77.8	79.4	79.7
Petroleum and products	81.4	81.3	79.2	80.6	85.3	82.7	76.6	82.2
Capital goods, except automotive	328.3	378.7	339.6	347.5	370.5	390.0	406.9	420.5
Civilian aircraft, engines, and parts	20.7	21.7	22.8	20.7	21.0	23.2	22.0	21.3
Computers, peripherals, and parts	101.3	131.2	110.5	117.7	130.8	136.9	139.3	140.3
Other	206.7	229.5	207.3	211.7	223.0	234.0	249.4	262.4
Automotive vehicles, engines, and parts	148.6	178.3	160.7	170.4	173.4	184.1	185.2	194.4
Consumer goods, except automotive	222.3	247.8	227.3	235.7	240.8	251.6	263.1	272.1
Durable goods	117.1	131.7	121.0	122.3	129.1	135.5	140.0	147.1
Nondurable goods	105.3	116.2	106.4	113.4	111.9	116.3	123.3	125.3
Other	60.4	73.1	68.1	70.7	72.2	74.3	75.1	74.1
Imports of services [1]	**190.7**	**203.9**	**193.8**	**199.4**	**203.7**	**205.5**	**207.2**	**211.4**
Direct defense expenditures	14.4	16.2	14.5	15.4	16.2	17.0	16.4	17.0
Travel	58.7	63.3	58.2	62.5	63.1	62.7	64.8	66.7
Passenger fares	18.5	19.5	19.0	19.0	19.3	19.4	20.4	20.7
Other transportation	31.7	31.9	32.3	32.0	31.5	32.1	31.9	32.5
Royalties and license fees	11.0	12.0	11.4	12.3	12.5	11.4	11.7	11.7
Other private services	49.1	53.6	51.0	50.9	53.6	55.4	54.4	55.3
Other	7.3	7.6	7.5	7.4	7.6	7.7	7.6	7.6
Residual	–2.3	–5.0	–.6	–.8	–5.5	–5.9	–8.0	–7.2
Addenda:								
Exports of agricultural goods [2]	62.6	63.3	66.3	58.8	62.7	66.6	65.2	68.1
Exports of nonagricultural goods	659.9	688.1	677.9	666.7	671.1	696.6	717.9	728.3
Imports of nonpetroleum goods	949.4	1,078.3	987.7	1,018.2	1,054.4	1,102.9	1,137.8	1,170.3

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line following the detail for exports is the difference between the aggregate "exports of goods and services" and the sum of the detailed lines for exports of goods and exports of services. The residual line following the detail for imports is the difference between the aggregate "imports of goods and services" and the sum of the detailed lines for imports of goods and imports of services.

Chain-type quantity indexes for the series in this table are shown in table 7.10.

Contributions to the percent change in real exports and in real imports of goods and services are shown in table 8.5.

See footnotes to table 4.3.

5. Saving and Investment

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross saving	**1,646.0**	**1,727.1**	**1,685.4**	**1,727.8**	**1,709.5**	**1,735.6**	**1,735.8**	**1,752.9**
Gross private saving	**1,371.2**	**1,364.7**	**1,382.3**	**1,389.4**	**1,359.3**	**1,355.7**	**1,354.3**	**1,306.5**
Personal saving	229.7	156.3	227.5	195.1	168.0	139.5	122.8	40.6
Undistributed corporate profits with inventory valuation and capital consumption adjustments	259.6	268.6	251.2	282.5	264.5	257.4	270.1	285.2
Undistributed profits	193.1	224.4	178.8	213.7	219.9	227.0	237.1	255.0
Inventory valuation adjustment	20.9	–13.0	20.8	13.3	–13.6	–26.7	–24.9	–26.7
Capital consumption adjustment	45.6	57.2	51.6	55.5	58.2	57.0	58.0	56.9
Corporate consumption of fixed capital	616.9	661.1	632.4	640.9	652.2	671.6	679.7	694.6
Noncorporate consumption of fixed capital	261.5	278.6	267.7	271.0	274.6	287.2	281.6	286.1
Wage accruals less disbursements	3.5	0	3.5	0	0	0	0	0
Gross government saving	**274.8**	**362.5**	**303.0**	**338.3**	**350.2**	**379.9**	**381.4**	**446.4**
Federal	134.3	206.3	147.8	187.2	208.3	225.1	204.6	279.7
Consumption of fixed capital	87.4	90.9	88.1	89.6	90.2	91.2	92.4	93.4
Current surplus or deficit (–), national income and product accounts	46.9	115.4	59.7	97.6	118.1	133.8	112.2	186.3
State and local	140.5	156.2	155.2	151.1	141.9	154.8	176.9	166.7
Consumption of fixed capital	98.8	105.2	101.1	102.4	104.3	106.0	108.1	109.9
Current surplus or deficit (–), national income and product accounts	41.7	51.0	54.2	48.7	37.6	48.9	68.8	56.7
Gross investment	**1,598.4**	**1,602.0**	**1,623.0**	**1,628.4**	**1,574.0**	**1,594.4**	**1,611.3**	**1,624.8**
Gross private domestic investment	1,531.2	1,622.7	1,580.3	1,594.3	1,585.4	1,635.0	1,675.8	1,719.3
Gross government investment	268.7	297.8	272.6	289.8	292.2	295.7	313.7	321.1
Net foreign investment	–201.5	–318.5	–229.9	–255.7	–303.7	–336.3	–378.2	–415.7
Statistical discrepancy	**–47.6**	**–125.1**	**–62.4**	**–99.4**	**–135.5**	**–141.2**	**–124.5**	**–128.1**
Addendum:								
Gross saving as a percentage of gross national product	18.8	18.7	18.9	19.1	18.7	18.7	18.3	18.2

Table 5.4.—Private Fixed Investment by Type

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Private fixed investment	**1,460.0**	**1,578.0**	**1,508.9**	**1,543.3**	**1,567.8**	**1,594.2**	**1,606.8**	**1,685.4**
Nonresidential	**1,091.3**	**1,166.7**	**1,121.4**	**1,139.9**	**1,155.4**	**1,181.6**	**1,190.0**	**1,259.2**
Structures	**272.8**	**273.4**	**278.0**	**274.7**	**272.5**	**272.1**	**274.1**	**290.1**
Nonresidential buildings, including farm	197.0	199.9	203.3	204.0	199.8	197.5	198.2	210.3
Utilities	39.2	39.5	40.1	39.2	39.1	39.9	39.6	41.6
Mining exploration, shafts, and wells	30.0	27.1	28.0	25.2	26.0	28.0	29.4	31.1
Other structures	6.5	6.9	6.6	6.4	7.6	6.8	6.8	7.2
Equipment and software	**818.5**	**893.4**	**843.4**	**865.2**	**882.9**	**909.5**	**916.0**	**969.2**
Information processing equipment and software	356.9	406.9	369.7	382.3	401.7	416.8	426.8	455.6
Computers and peripheral equipment [1]	88.5	97.8	90.5	92.3	96.4	100.8	101.6	107.6
Software [2]	123.4	143.5	131.2	135.5	140.7	145.8	152.0	159.0
Other	144.9	165.6	148.0	154.5	164.6	170.2	173.2	189.1
Industrial equipment	150.2	152.0	151.4	147.9	149.3	153.0	157.9	163.9
Transportation equipment	176.0	197.1	187.0	193.1	193.6	204.9	196.9	209.6
Other	135.5	137.3	135.3	142.0	138.3	134.7	134.3	140.1
Residential	**368.7**	**411.3**	**387.5**	**403.4**	**412.4**	**412.7**	**416.7**	**426.1**
Structures	**360.4**	**402.4**	**379.1**	**394.6**	**403.6**	**403.6**	**407.7**	**416.8**
Single family	189.5	213.9	202.2	211.8	213.7	211.7	218.3	229.9
Multifamily	24.5	27.7	24.8	27.7	27.5	27.8	27.6	29.4
Other structures	146.5	160.8	152.1	155.1	162.4	164.1	161.8	157.6
Equipment	**8.3**	**8.9**	**8.5**	**8.7**	**8.9**	**9.0**	**9.1**	**9.3**

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.

Table 5.5.—Real Private Fixed Investment by Type

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Private fixed investment	**1,471.8**	**1,590.5**	**1,522.5**	**1,555.9**	**1,581.0**	**1,607.3**	**1,617.8**	**1,692.5**
Nonresidential	**1,122.5**	**1,215.8**	**1,160.8**	**1,182.7**	**1,202.9**	**1,234.3**	**1,243.2**	**1,315.2**
Structures	**254.1**	**248.1**	**255.7**	**251.9**	**248.5**	**246.1**	**245.8**	**257.6**
Nonresidential buildings, including farm	184.6	180.4	187.4	186.6	181.2	177.2	176.5	185.4
Utilities	38.0	38.2	38.7	38.1	38.0	38.5	38.0	39.5
Mining exploration, shafts, and wells	25.4	23.4	23.6	21.6	22.6	24.3	25.3	26.3
Other structures	6.2	6.4	6.2	6.0	7.1	6.3	6.2	6.5
Equipment and software	**870.6**	**974.9**	**908.5**	**935.7**	**960.9**	**996.6**	**1,006.4**	**1,067.7**
Information processing equipment and software	418.5	509.8	448.5	470.4	501.0	526.0	541.7	582.9
Computers and peripheral equipment [1]	154.2	220.8	178.3	193.4	212.9	233.5	243.3	266.0
Software [2]	129.2	149.3	137.8	141.6	147.0	152.0	156.6	163.7
Other	147.1	169.9	150.9	157.8	168.4	174.7	178.6	195.2
Industrial equipment	148.1	149.0	148.9	145.0	146.6	150.0	154.3	160.0
Transportation equipment	175.3	195.7	185.8	190.8	191.6	204.0	196.4	208.0
Other	132.3	132.6	131.0	137.0	133.3	130.1	129.9	135.6
Residential	**350.2**	**376.1**	**362.6**	**373.7**	**378.8**	**375.1**	**376.8**	**381.6**
Structures	**341.8**	**367.0**	**354.0**	**364.8**	**369.7**	**365.9**	**367.5**	**372.1**
Single family	180.3	195.0	189.3	195.8	195.8	191.7	196.5	205.0
Multifamily	21.8	22.9	21.1	23.3	22.9	22.9	22.6	23.8
Other structures	139.8	149.2	143.7	145.7	151.1	151.5	148.4	143.1
Equipment	**8.4**	**9.1**	**8.5**	**8.9**	**9.1**	**9.2**	**9.3**	**9.5**
Residual	–18.9	–51.4	–28.7	–35.7	–46.6	–58.6	–64.1	–75.1

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Chain-type quantity indexes for the series in this table are shown in table 7.6.

Contributions to the percent change in real private fixed investment are shown in table 8.4.

Table 5.10.—Change in Private Inventories by Industry Group

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Change in private inventories	**71.2**	**44.6**	**71.4**	**51.0**	**17.6**	**40.8**	**69.1**	**34.0**
Farm	.3	3.4	15.2	10.1	4.8	.7	–2.2	–2.3
Nonfarm	70.9	41.3	56.2	40.9	12.8	40.1	71.3	36.3
Change in book value [1]	45.7	56.6	33.7	22.8	32.1	73.7	97.9	67.2
Inventory valuation adjustment [2]	25.2	–15.3	22.5	18.2	–19.3	–33.6	–26.6	–30.9
Manufacturing	24.1	.4	11.5	0	–7.8	1.6	7.8	12.4
Durable goods	16.4	0	6.5	1.7	–6.2	1.6	2.9	8.3
Nondurable goods	7.8	.4	5.1	–1.7	–1.6	0	4.9	4.1
Wholesale trade	22.4	14.6	16.3	8.8	10.7	24.2	14.7	21.0
Durable goods	16.0	12.3	15.2	11.3	10.5	10.6	16.7	15.8
Nondurable goods	6.4	2.3	1.1	–2.6	.2	13.6	–2.0	5.1
Merchant wholesalers	19.6	13.4	13.9	7.5	8.3	22.0	15.8	16.2
Durable goods	14.0	11.0	13.6	9.8	7.0	9.6	17.7	12.0
Nondurable goods	5.7	2.4	.2	–2.3	1.3	12.4	–1.9	4.2
Nonmerchant wholesalers	2.8	1.2	2.4	1.3	2.4	2.2	–1.1	4.8
Durable goods	2.1	1.3	1.6	1.5	3.5	1.0	–1.0	3.8
Nondurable goods	.7	–.1	.9	–.2	–1.1	1.2	–.1	1.0
Retail trade	11.1	20.7	15.6	17.5	5.9	14.3	45.2	–1.7
Durable goods	5.3	13.5	16.0	9.4	4.0	11.7	29.1	–2.0
Motor vehicle dealers [3]	1.3	6.9	7.6	3.1	0	9.2	15.3	–4.6
Other [3]	4.0	6.6	8.4	6.3	4.0	2.6	13.8	2.6
Nondurable goods	5.8	7.2	–.4	8.1	1.9	2.6	16.2	.2
Other	13.2	5.6	12.8	14.7	4.0	0	3.6	4.6
Durable goods	1.3	–.1	1.0	1.7	–2.0	–1.0	1.2	1.1
Nondurable goods	12.0	5.6	11.8	13.0	6.0	1.0	2.4	3.6

1. This series is derived from the Census Bureau series ''current cost inventories.''
2. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (such as first-in, first-out and last-in, first-out) underlying inventories derived primarily from Census Bureau statistics (see footnote 1). This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.
3. Inventories of auto and home supply stores are included in ''other durable goods.''

Table 5.11.—Real Change in Private Inventories by Industry Group

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Change in private inventories	**74.3**	**42.2**	**70.7**	**50.1**	**14.0**	**38.0**	**66.7**	**30.5**
Farm	.9	–.6	12.8	7.4	.9	–3.8	–6.7	–6.8
Nonfarm	73.2	42.4	58.2	43.1	13.1	41.2	72.3	36.7
Manufacturing	25.1	.4	12.0	0	–8.3	1.7	8.2	12.8
Durable goods	16.9	0	6.8	1.8	–6.6	1.8	3.0	8.6
Nondurable goods	8.1	.4	5.3	–1.8	–1.7	0	5.1	4.2
Wholesale trade	23.4	15.2	17.2	9.5	11.1	25.1	15.0	21.4
Durable goods	16.3	12.8	15.5	11.8	11.0	11.1	17.3	16.4
Nondurable goods	7.1	2.4	1.4	–2.4	.1	14.0	–2.2	5.1
Merchant wholesalers	20.4	14.0	14.6	8.2	8.6	22.8	16.2	16.7
Durable goods	14.2	11.5	13.9	10.2	7.3	10.0	18.4	12.5
Nondurable goods	6.2	2.5	.5	–2.1	1.3	12.8	–2.1	4.3
Nonmerchant wholesalers	3.0	1.3	2.6	1.4	2.5	2.3	–1.2	4.7
Durable goods	2.1	1.3	1.6	1.6	3.7	1.1	–1.1	3.9
Nondurable goods	.9	–.1	1.0	–.3	–1.2	1.2	–.1	.8
Retail trade	11.1	20.5	15.5	17.5	5.9	14.1	44.4	–1.7
Durable goods	5.3	13.6	16.0	9.5	4.0	11.8	29.1	–2.0
Motor vehicle dealers [1]	1.3	6.9	7.6	3.1	0	9.3	15.3	–4.6
Other [1]	4.0	6.6	8.4	6.3	4.0	2.5	13.7	2.6
Nondurable goods	5.8	7.0	–.3	8.0	1.9	2.5	15.6	.3
Other	13.9	5.9	13.6	15.7	4.1	.1	3.6	4.6
Durable goods	1.2	0	1.0	1.7	–2.0	–1.0	1.1	1.0
Nondurable goods	12.6	5.9	12.6	14.0	6.3	1.1	2.4	3.6
Residual	.1	.8	–.5	.2	.1	.5	2.1	.1

1. Inventories of auto and home supply stores are included in ''other durable goods.''

NOTE.—Chained (1996) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.12.—Private Inventories and Domestic Final Sales of Business by Industry Group

[Billions of dollars]

	Seasonally adjusted quarterly totals					
	1998	1999				2000
	IV	I	II	III	IV	I
Private inventories [1]	**1,334.5**	**1,345.7**	**1,360.1**	**1,386.1**	**1,410.3**	**1,436.5**
Farm	92.4	99.3	98.9	96.7	95.8	100.7
Nonfarm	1,242.1	1,246.4	1,261.3	1,289.4	1,314.5	1,335.8
Durable goods	694.0	692.8	697.8	707.9	723.1	730.3
Nondurable goods	548.1	553.5	563.5	581.4	591.5	605.5
Manufacturing	450.5	448.2	451.1	458.3	464.7	472.5
Durable goods	280.3	279.2	279.4	282.5	284.8	288.1
Nondurable goods	170.2	169.0	171.6	175.8	179.9	184.4
Wholesale trade	341.8	340.9	345.1	355.6	361.6	370.6
Durable goods	218.9	217.9	220.9	224.1	229.2	233.6
Nondurable goods	122.9	123.1	124.3	131.6	132.5	137.0
Merchant wholesalers	296.6	295.4	298.2	307.0	312.7	319.4
Durable goods	190.8	189.9	192.0	194.9	200.2	203.6
Nondurable goods	105.8	105.4	106.2	112.1	112.5	115.8
Nonmerchant wholesalers	45.3	45.5	46.9	48.6	48.9	51.2
Durable goods	28.1	27.9	28.8	29.2	29.0	30.0
Nondurable goods	17.1	17.6	18.1	19.5	19.9	21.2
Retail trade	344.0	347.3	351.1	358.1	370.0	370.9
Durable goods	186.6	187.1	189.2	193.5	200.9	200.0
Motor vehicle dealers [2]	95.8	95.3	95.8	99.6	103.4	101.9
Other [2]	90.9	91.8	93.4	93.8	97.5	98.1
Nondurable goods	157.4	160.2	161.9	164.7	169.1	171.0
Other	105.7	109.9	113.9	117.3	118.2	121.8
Durable goods	8.1	8.6	8.3	7.9	8.2	8.6
Nondurable goods	97.6	101.3	105.7	109.4	109.9	113.2
Final sales of domestic business [3]	**624.7**	**634.8**	**642.6**	**651.8**	**665.4**	**682.1**
Final sales of goods and structures of domestic business [3]	**344.0**	**350.1**	**353.6**	**357.8**	**365.1**	**377.1**
Ratio of private inventories to final sales of domestic business						
Private inventories to final sales	2.14	2.12	2.12	2.13	2.12	2.11
Nonfarm inventories to final sales	1.99	1.96	1.96	1.98	1.98	1.96
Nonfarm inventories to final sales of goods and structures	3.61	3.56	3.57	3.60	3.60	3.54

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in the private inventories component of GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at annual rates.

2. Inventories of auto and home supply stores are included in "other durable goods."

3. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

Table 5.13.—Real Private Inventories and Real Domestic Final Sales of Business by Industry Group

[Billions of chained (1996) dollars]

	Seasonally adjusted quarterly totals					
	1998	1999				2000
	IV	I	II	III	IV	I
Private inventories [1]	**1,395.3**	**1,407.8**	**1,411.3**	**1,420.8**	**1,437.5**	**1,445.1**
Farm	107.6	109.4	109.7	108.7	107.0	105.3
Nonfarm	1,287.4	1,298.2	1,301.4	1,311.7	1,329.8	1,339.0
Durable goods	716.2	722.5	724.1	730.0	742.9	748.8
Nondurable goods	571.2	575.7	577.3	581.7	587.0	590.3
Manufacturing	477.2	477.2	475.1	475.5	477.6	480.8
Durable goods	296.2	296.7	295.1	295.5	296.3	298.4
Nondurable goods	180.9	180.5	180.0	180.0	181.3	182.4
Wholesale trade	355.4	357.8	360.6	366.9	370.6	376.0
Durable goods	224.6	227.6	230.3	233.1	237.4	241.5
Nondurable goods	130.8	130.2	130.2	133.7	133.1	134.4
Merchant wholesalers	307.6	309.7	311.8	317.5	321.6	325.8
Durable goods	195.7	198.3	200.1	202.6	207.2	210.3
Nondurable goods	111.9	111.3	111.7	114.9	114.3	115.4
Nonmerchant wholesalers	47.8	48.1	48.8	49.4	49.1	50.2
Durable goods	28.9	29.3	30.2	30.5	30.2	31.2
Nondurable goods	18.9	18.8	18.6	18.9	18.8	19.0
Retail trade	342.9	347.2	348.7	352.2	363.3	362.9
Durable goods	187.3	189.7	190.7	193.6	200.9	200.4
Motor vehicle dealers [2]	97.0	97.8	97.8	100.1	103.9	102.8
Other [2]	90.3	91.9	92.9	93.5	96.9	97.6
Nondurable goods	155.5	157.5	158.0	158.6	162.5	162.6
Other	112.3	116.2	117.2	117.2	118.1	119.3
Durable goods	8.1	8.5	8.0	7.7	8.0	8.3
Nondurable goods	104.2	107.7	109.3	109.5	110.1	111.0
Residual	.1	.1	–.1	.3	1.0	.8
Final sales of domestic business [3]	**605.7**	**613.3**	**619.0**	**626.5**	**636.8**	**648.8**
Final sales of goods and structures of domestic business [3]	**341.4**	**346.7**	**349.3**	**353.3**	**359.6**	**370.0**
Ratio of private inventories to final sales of domestic business						
Private inventories to final sales	2.30	2.30	2.28	2.27	2.26	2.23
Nonfarm inventories to final sales	2.13	2.12	2.10	2.09	2.09	2.06
Nonfarm inventories to final sales of goods and structures	3.77	3.74	3.73	3.71	3.70	3.62

1. Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas, the change in private inventories component of GDP is stated at annual rates.

2. Inventories of auto and home supply stores are included in "other durable goods."

3. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

NOTE.—Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines for inventories.

6. Income and Employment by Industry

Table 6.1C.—National Income Without Capital Consumption Adjustment by Industry Group

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
National income without capital consumption adjustment	**7,004.4**	**7,453.7**	**7,159.6**	**7,297.4**	**7,383.3**	**7,488.9**	**7,645.1**	**7,784.4**
Domestic industries	**7,014.3**	**7,473.6**	**7,176.7**	**7,311.9**	**7,397.6**	**7,504.4**	**7,680.7**	**7,826.9**
Private industries	**6,104.4**	**6,523.2**	**6,253.4**	**6,373.9**	**6,453.1**	**6,549.4**	**6,716.5**	**6,843.7**
Agriculture, forestry, and fishing	102.5	115.0	121.7	113.8	116.8	105.2	124.3	.....
Mining	54.7	50.8	51.7	49.9	49.2	51.4	52.7	.....
Construction	342.0	373.5	355.2	364.1	371.0	375.2	383.7	.....
Manufacturing	1,155.9	1,184.3	1,157.7	1,171.4	1,178.8	1,191.0	1,195.9	.....
Durable goods	689.0	709.2	703.2	699.0	706.5	711.7	719.7	.....
Nondurable goods	466.9	475.0	454.5	472.4	472.3	479.3	476.2	.....
Transportation and public utilities	526.2	557.3	534.6	545.1	543.9	561.6	578.5	.....
Transportation	222.3	233.1	227.5	228.8	229.0	234.5	240.3	.....
Communications	166.9	179.6	167.6	174.7	176.0	181.0	186.8	.....
Electric, gas, and sanitary services	137.0	144.5	139.4	141.7	138.9	146.1	151.5	.....
Wholesale trade	410.2	432.4	414.2	423.5	429.5	432.5	444.2	.....
Retail trade	580.8	619.5	591.5	609.8	618.6	618.8	630.7	.....
Finance, insurance, and real estate	1,274.3	1,385.7	1,311.0	1,348.3	1,361.5	1,392.0	1,441.0	.....
Services	1,657.8	1,804.8	1,715.8	1,748.0	1,783.8	1,821.8	1,865.5	.....
Government	**909.9**	**950.4**	**923.3**	**938.0**	**944.5**	**955.0**	**964.2**	**983.2**
Rest of the world	**–9.9**	**–20.0**	**–17.1**	**–14.4**	**–14.3**	**–15.5**	**–35.6**	**–42.6**

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification.

Table 6.16C.—Corporate Profits by Industry Group

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Corporate profits with inventory valuation and capital consumption adjustments	**848.4**	**892.7**	**839.0**	**886.9**	**880.5**	**884.1**	**919.4**	**953.9**
Domestic industries	**748.4**	**789.4**	**740.7**	**782.6**	**777.1**	**776.0**	**821.9**	**855.0**
Financial	171.7	186.6	168.0	185.4	177.6	182.0	201.5	202.1
Nonfinancial	576.7	602.8	572.7	597.2	599.5	594.0	620.3	652.9
Rest of the world	**100.0**	**103.3**	**98.3**	**104.3**	**103.3**	**108.1**	**97.5**	**98.9**
Receipts from the rest of the world	148.4	166.2	146.8	157.0	164.1	169.5	174.0	185.2
Less: Payments to the rest of the world	48.4	62.8	48.5	52.7	60.8	61.4	76.5	86.3
Corporate profits with inventory valuation adjustment	**802.8**	**835.6**	**787.4**	**831.4**	**822.2**	**827.1**	**861.4**	**897.0**
Domestic industries	**702.8**	**732.2**	**689.1**	**727.1**	**718.9**	**719.0**	**763.9**	**798.1**
Financial	191.3	208.1	188.6	205.3	198.3	203.9	224.9	227.1
Federal Reserve banks	24.6	25.6	24.7	24.3	24.5	25.5	28.1	29.3
Other	166.7	182.5	163.9	180.9	173.7	178.4	196.8	197.8
Nonfinancial	511.5	524.2	500.6	521.9	520.6	515.1	539.0	571.0
Manufacturing	168.4	165.6	161.7	171.0	167.8	163.1	160.3	.....
Durable goods	95.1	98.6	106.3	100.5	100.7	94.4	99.0	.....
Primary metal industries	5.4	.9	5.0	1.7	1.2	.4	.5	.....
Fabricated metal products	17.3	18.9	17.0	19.4	19.0	19.4	17.6	.....
Industrial machinery and equipment	14.6	17.9	19.4	16.6	18.6	17.1	19.3	.....
Electronic and other electric equipment	18.2	20.7	21.4	20.5	19.6	20.8	21.9	.....
Motor vehicles and equipment	7.5	10.2	9.8	10.7	10.4	9.5	10.1	.....
Other	32.2	30.1	33.7	31.6	32.0	27.2	29.5	.....
Nondurable goods	73.3	66.9	55.5	70.5	67.0	68.7	61.4	.....
Food and kindred products	17.0	16.0	7.1	17.2	18.6	18.7	9.2	.....
Chemicals and allied products	20.6	19.9	20.0	25.1	20.8	17.4	16.2	.....
Petroleum and coal products	8.3	1.5	4.1	–.9	–.3	3.6	3.7	.....
Other	27.3	29.6	24.2	29.0	28.0	29.0	32.2	.....
Transportation and public utilities	109.0	116.3	106.9	111.9	107.9	117.3	128.0	.....
Transportation	19.4	18.1	19.7	18.3	17.2	17.7	19.3	.....
Communications	49.3	55.4	46.8	52.2	52.5	56.4	60.7	.....
Electric, gas, and sanitary services	40.2	42.7	40.5	41.5	38.2	43.2	48.0	.....
Wholesale trade	47.2	42.4	41.2	43.4	44.3	39.1	42.8	.....
Retail trade	69.8	72.9	69.0	75.7	75.4	67.7	72.6	.....
Other	117.1	127.1	121.7	119.8	125.2	127.9	135.3	.....
Rest of the world	**100.0**	**103.3**	**98.3**	**104.3**	**103.3**	**108.1**	**97.5**	**98.9**

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification.

7. Quantity and Price Indexes

Table 7.1.—Quantity and Price Indexes for Gross Domestic Product

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted 1998 IV	1999 I	1999 II	1999 III	1999 IV	2000 I
Gross domestic product:								
Current dollars	112.12	118.47	114.52	116.12	117.06	119.00	121.69	124.12
Chain-type quantity index	108.74	113.25	110.58	111.58	112.10	113.65	115.67	117.20
Chain-type price index	103.11	104.55	103.51	104.03	104.37	104.65	105.16	105.86
Implicit price deflator	103.11	104.61	103.57	104.07	104.43	104.71	105.21	105.91
Personal consumption expenditures:								
Current dollars	111.67	119.47	114.06	116.29	118.39	120.36	122.85	126.06
Chain-type quantity index	108.48	114.25	110.35	112.10	113.50	114.86	116.52	118.65
Chain-type price index	102.93	104.57	103.37	103.74	104.32	104.79	105.43	106.25
Implicit price deflator	102.93	104.58	103.36	103.74	104.31	104.79	105.43	106.25
Durable goods:								
Current dollars	113.26	123.06	117.25	119.88	121.92	123.58	126.87	132.78
Chain-type quantity index	118.66	132.32	124.26	127.95	130.76	133.21	137.35	144.47
Chain-type price index	95.45	93.00	94.34	93.67	93.22	92.75	92.35	91.90
Implicit price deflator	95.45	93.00	94.36	93.69	93.24	92.77	92.37	91.91
Nondurable goods:								
Current dollars	108.56	117.09	110.73	113.58	115.93	117.78	121.08	124.34
Chain-type quantity index	107.07	112.84	108.80	111.15	112.05	113.04	115.12	116.69
Chain-type price index	101.40	103.76	101.78	102.19	103.47	104.20	105.18	106.56
Implicit price deflator	101.40	103.77	101.77	102.19	103.47	104.19	105.18	106.56
Services:								
Current dollars	112.95	119.98	115.13	116.97	118.95	121.04	122.95	125.59
Chain-type quantity index	107.26	111.59	108.50	109.61	111.01	112.36	113.38	114.93
Chain-type price index	105.31	107.51	106.12	106.72	107.16	107.73	108.45	109.28
Implicit price deflator	105.31	107.52	106.11	106.71	107.16	107.73	108.44	109.28
Gross private domestic investment:								
Current dollars	123.22	130.58	127.17	128.30	127.58	131.57	134.86	138.36
Chain-type quantity index	124.52	131.79	128.26	129.41	128.74	132.90	136.11	139.37
Chain-type price index	98.96	98.79	98.85	98.87	98.78	98.70	98.80	99.00
Implicit price deflator	98.95	99.08	99.14	99.14	99.10	99.00	99.08	99.27
Fixed investment:								
Current dollars	120.40	130.13	124.43	127.26	129.28	131.46	132.50	138.98
Chain-type quantity index	121.37	131.15	125.55	128.30	130.37	132.54	133.40	139.56
Chain-type price index	99.20	99.22	99.11	99.19	99.17	99.19	99.32	99.58
Implicit price deflator	99.20	99.22	99.11	99.19	99.17	99.19	99.32	99.58
Nonresidential:								
Current dollars	121.33	129.72	124.67	126.74	128.46	131.37	132.31	140.00
Chain-type quantity index	124.80	135.17	129.06	131.49	133.74	137.23	138.23	146.23
Chain-type price index	97.22	95.97	96.60	96.38	96.04	95.72	95.71	95.74
Implicit price deflator	97.22	95.97	96.60	96.39	96.05	95.73	95.72	95.75
Structures:								
Current dollars	121.25	121.50	123.56	122.12	121.12	120.94	121.82	128.93
Chain-type quantity index	112.93	110.25	113.64	111.96	110.44	109.37	109.23	114.49
Chain-type price index	107.37	110.21	108.73	109.07	109.67	110.58	111.52	112.62
Implicit price deflator	107.37	110.20	108.73	109.07	109.67	110.58	111.52	112.62
Equipment and software:								
Current dollars	121.36	132.46	125.05	128.28	130.90	134.85	135.81	143.70
Chain-type quantity index	129.09	144.55	134.70	138.74	142.47	147.77	149.22	158.30
Chain-type price index	94.01	91.63	92.81	92.44	91.86	91.24	90.99	90.76
Implicit price deflator	94.01	91.64	92.83	92.46	91.88	91.25	91.01	90.77
Residential:								
Current dollars	117.71	131.30	123.71	128.76	131.66	131.73	133.03	136.02
Chain-type quantity index	111.78	120.06	115.74	119.30	120.91	119.75	120.27	121.82
Chain-type price index	105.30	109.40	106.93	107.97	108.93	110.04	110.65	111.70
Implicit price deflator	105.30	109.36	106.89	107.93	108.89	110.01	110.61	111.66
Exports of goods and services:								
Current dollars	110.54	114.20	112.32	110.61	111.90	115.36	118.92	121.13
Chain-type quantity index	114.92	119.24	117.68	116.03	117.17	120.42	123.34	124.99
Chain-type price index	96.19	95.76	95.44	95.33	95.49	95.80	96.41	96.92
Implicit price deflator	96.19	95.77	95.45	95.33	95.50	95.80	96.42	96.92
Exports of goods:								
Current dollars	110.17	113.03	112.11	109.04	110.04	114.61	118.42	120.90
Chain-type quantity index	116.89	121.59	120.35	117.46	118.71	123.43	126.73	128.84
Chain-type price index	94.25	92.95	93.15	92.83	92.69	92.85	93.44	93.83
Implicit price deflator	94.25	92.96	93.15	92.83	92.69	92.85	93.44	93.84
Exports of services:								
Current dollars	111.46	117.02	112.83	114.41	116.39	117.18	120.10	121.70
Chain-type quantity index	110.24	113.75	111.43	112.56	113.44	113.46	115.55	116.19
Chain-type price index	101.10	102.87	101.26	101.65	102.60	103.28	103.95	104.74
Implicit price deflator	101.10	102.88	101.26	101.65	102.60	103.28	103.94	104.74
Imports of goods and services:								
Current dollars	115.86	130.01	118.68	121.32	127.09	133.59	138.05	144.30
Chain-type quantity index	126.89	141.77	131.14	135.07	139.69	144.63	147.68	152.16
Chain-type price index	91.31	91.64	90.48	89.81	90.96	92.35	93.46	94.82
Implicit price deflator	91.31	91.71	90.50	89.82	90.98	92.36	93.48	94.84
Imports of goods:								
Current dollars	115.10	129.78	117.85	120.53	126.47	133.51	138.62	145.39
Chain-type quantity index	127.62	143.82	132.33	136.33	141.34	147.08	150.53	155.38
Chain-type price index	90.19	90.16	89.03	88.38	89.46	90.75	92.06	93.54
Implicit price deflator	90.19	90.24	89.06	88.41	89.48	90.78	92.09	93.57
Imports of services:								
Current dollars	119.86	131.19	123.03	125.48	130.28	133.97	135.04	138.63
Chain-type quantity index	123.21	131.74	125.24	128.81	131.58	132.74	133.85	136.56
Chain-type price index	97.29	99.58	98.26	97.43	99.03	100.95	100.91	101.53
Implicit price deflator	97.29	99.58	98.24	97.41	99.02	100.93	100.89	101.51
Government consumption expenditures and gross investment:								
Current dollars	107.58	114.64	109.34	111.76	112.93	115.14	118.71	120.02
Chain-type quantity index	104.00	107.89	105.11	106.43	106.78	107.97	110.39	110.05
Chain-type price index	103.44	106.24	104.03	105.01	105.77	106.64	107.55	109.07
Implicit price deflator	103.44	106.25	104.02	105.01	105.77	106.64	107.54	109.07
Federal:								
Current dollars	101.33	107.34	102.84	104.85	105.64	107.20	111.67	109.10
Chain-type quantity index	98.94	101.73	100.05	99.94	100.46	101.49	105.02	100.80
Chain-type price index	102.42	105.51	102.79	104.93	105.16	105.63	106.34	108.24
Implicit price deflator	102.42	105.52	102.79	104.92	105.15	105.63	106.33	108.23
National defense:								
Current dollars	97.65	102.11	98.85	99.66	99.25	102.36	107.16	102.18
Chain-type quantity index	95.71	97.43	96.61	95.64	95.01	97.56	101.51	95.29
Chain-type price index	102.03	104.80	102.32	104.21	104.47	104.93	105.58	107.23
Implicit price deflator	102.03	104.80	102.32	104.20	104.46	104.92	105.58	107.23
Nondefense:								
Current dollars	108.87	118.05	110.99	115.48	118.72	117.10	120.90	123.24
Chain-type quantity index	105.51	110.47	107.06	108.67	111.52	109.49	112.20	111.93
Chain-type price index	103.18	106.86	103.69	106.28	106.47	106.95	107.76	110.11
Implicit price deflator	103.18	106.86	103.67	106.26	106.45	106.95	107.75	110.10
State and local:								
Current dollars	111.31	118.99	113.22	115.88	117.29	119.88	122.91	126.55
Chain-type quantity index	107.00	111.54	108.11	110.27	110.51	111.81	113.56	115.51
Chain-type price index	104.03	106.67	104.73	105.09	106.14	107.23	108.24	109.56
Implicit price deflator	104.03	106.68	104.73	105.09	106.13	107.22	108.23	109.56

NOTE.—Chain-type quantity and price indexes are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. Implicit price deflators are weighted averages of the detailed price indexes used to prepare each aggregate and component and are calculated as the ratio of current- to chained-dollar output multiplied by 100.

Percent changes from preceding period for items in this table are shown in table 8.1. Contributions to the percent change in real gross domestic product are shown in table 8.2.

Table 7.2.—Quantity and Price Indexes for Gross Domestic Product, Final Sales, and Purchases

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product:								
Current dollars	112.12	118.47	114.52	116.12	117.06	119.00	121.69	124.12
Chain-type quantity index	108.74	113.25	110.58	111.58	112.10	113.65	115.67	117.20
Chain-type price index	103.11	104.55	103.51	104.03	104.37	104.65	105.16	105.86
Implicit price deflator	103.11	104.61	103.57	104.07	104.43	104.71	105.21	105.91
Final sales of domestic product:								
Current dollars	111.63	118.35	114.04	115.91	117.29	118.94	121.27	124.16
Chain-type quantity index	108.19	113.07	110.09	111.33	112.26	113.51	115.18	117.13
Chain-type price index	103.18	104.67	103.59	104.12	104.48	104.78	105.29	106.01
Implicit price deflator	103.18	104.67	103.59	104.12	104.48	104.78	105.29	106.00
Gross domestic purchases:								
Current dollars	112.75	120.35	115.27	117.36	118.85	121.18	123.99	126.91
Chain-type quantity index	110.16	115.81	112.17	113.75	114.65	116.40	118.43	120.27
Chain-type price index	102.35	103.86	102.72	103.13	103.62	104.06	104.65	105.47
Implicit price deflator	102.35	103.92	102.77	103.18	103.67	104.11	104.70	105.52
Final sales to domestic purchasers:								
Current dollars	112.27	120.24	114.80	117.16	119.08	121.13	123.59	126.96
Chain-type quantity index	109.62	115.64	111.69	113.52	114.82	116.27	117.96	120.22
Chain-type price index	102.42	103.97	102.79	103.22	103.72	104.18	104.78	105.61
Implicit price deflator	102.42	103.97	102.78	103.21	103.71	104.17	104.77	105.61
Addenda:								
Final sales of computers [1]:								
Current dollars	117.75	125.17	119.78	117.92	123.76	130.61	128.39	141.77
Chain-type quantity index	223.72	322.43	262.98	281.68	308.67	343.43	355.94	411.67
Chain-type price index	52.63	38.33	44.74	41.13	39.39	37.36	35.44	33.83
Implicit price deflator	52.63	38.82	45.55	41.86	40.10	38.03	36.07	34.44
Gross domestic product less final sales of computers:								
Current dollars	112.06	118.40	114.47	116.10	116.99	118.88	121.62	123.94
Chain-type quantity index	107.91	111.99	109.55	110.47	110.88	112.31	114.28	115.62
Chain-type price index	103.85	105.67	104.44	105.05	105.45	105.80	106.38	107.15
Implicit price deflator	103.85	105.73	104.49	105.10	105.51	105.85	106.43	107.20
Gross domestic purchases less final sales of computers:								
Current dollars	112.61	120.13	115.11	117.20	118.62	120.92	123.77	126.63
Chain-type quantity index	109.12	114.17	110.88	112.33	113.05	114.66	116.63	118.32
Chain-type price index	103.20	105.16	103.77	104.29	104.87	105.41	106.08	106.98
Implicit price deflator	103.20	105.22	103.82	104.34	104.93	105.46	106.13	107.02
Chain-type price indexes for gross domestic purchases:								
Food	103.71	105.73	104.55	105.11	105.37	105.92	106.51	107.13
Energy goods and services	92.35	95.82	89.82	89.11	94.67	98.32	101.20	109.55
Gross domestic purchases less food and energy	102.65	104.03	103.09	103.53	103.83	104.13	104.62	105.16

1. For some components of final sales of computers, includes computer parts.

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.3.—Quantity and Price Indexes for Gross National Product and Command-Basis Gross National Product

[Index numbers, 1996=100]

Gross national product:								
Current dollars	111.73	117.94	114.04	115.67	116.61	118.53	120.96	123.29
Chain-type quantity index	108.38	112.76	110.13	111.16	111.68	113.22	114.99	116.44
Chain-type price index	103.09	104.53	103.50	104.01	104.36	104.63	105.14	105.84
Implicit price deflator	103.09	104.59	103.55	104.06	104.41	104.69	105.19	105.88
Less: Exports of goods and services and income receipts from the rest of the world:								
Chain-type quantity index	114.64	119.16	116.27	115.20	117.08	120.51	123.86	126.29
Plus: Command-basis exports of goods and services and income receipts from the rest of the world:								
Chain-type quantity index	119.46	123.41	121.34	120.83	121.74	124.10	126.97	128.53
Equals: Command-basis gross national product:								
Chain-type quantity index	109.07	113.37	110.85	111.96	112.35	113.74	115.44	116.76

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.4.—Chain-Type Quantity and Price Indexes for Personal Consumption Expenditures by Major Type of Product

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
	Chain-type quantity indexes							
Personal consumption expenditures	**108.48**	**114.25**	**110.35**	**112.10**	**113.50**	**114.86**	**116.52**	**118.65**
Durable goods	**118.66**	**132.32**	**124.26**	**127.95**	**130.76**	**133.21**	**137.35**	**144.47**
Motor vehicles and parts	113.87	124.15	119.94	121.09	123.77	124.68	127.07	135.07
Furniture and household equipment	125.55	144.34	131.96	137.90	141.65	146.06	151.74	158.36
Other	115.78	127.60	118.84	123.99	125.44	127.87	133.11	139.01
Nondurable goods	**107.07**	**112.84**	**108.80**	**111.15**	**112.05**	**113.04**	**115.12**	**116.69**
Food	104.40	108.38	106.29	106.82	107.46	108.15	111.09	111.73
Clothing and shoes	113.00	122.91	114.33	121.72	122.52	124.38	123.02	128.72
Gasoline, fuel oil, and other energy goods	101.70	103.30	101.57	102.28	102.98	103.43	104.52	101.73
Gasoline and oil	102.83	103.32	102.87	102.34	102.67	103.25	105.02	102.12
Fuel oil and coal	92.82	102.97	91.44	101.69	105.38	104.76	100.06	98.15
Other	110.47	118.57	112.72	116.12	117.65	118.90	121.63	124.25
Services	**107.26**	**111.59**	**108.50**	**109.61**	**111.01**	**112.36**	**113.38**	**114.93**
Housing	104.28	106.92	105.10	105.93	106.54	107.25	107.97	108.64
Household operation	108.53	113.33	108.88	111.57	113.09	114.85	113.79	115.51
Electricity and gas	100.69	102.72	97.61	101.84	102.72	105.17	101.16	103.25
Other household operation	113.87	120.48	116.46	118.16	120.10	121.39	122.28	123.76
Transportation	109.34	112.51	110.23	111.01	112.00	113.16	113.88	114.63
Medical care	104.91	107.67	105.86	106.28	107.06	108.16	109.16	110.10
Recreation	109.27	119.34	111.36	114.29	117.77	121.63	123.67	127.28
Other	111.23	117.72	113.47	114.63	117.04	118.60	120.61	123.36
Addenda:								
Energy goods and services [1]	101.23	103.07	99.57	102.09	102.88	104.30	102.99	102.39
Personal consumption expenditures less food and energy	109.71	116.03	111.76	113.71	115.28	116.77	118.37	120.96
	Chain-type price indexes							
Personal consumption expenditures	**102.93**	**104.57**	**103.37**	**103.74**	**104.32**	**104.79**	**105.43**	**106.25**
Durable goods	**95.45**	**93.00**	**94.34**	**93.67**	**93.22**	**92.75**	**92.35**	**91.90**
Motor vehicles and parts	99.10	99.31	99.03	98.86	98.93	99.54	99.93	99.47
Furniture and household equipment	90.35	84.96	88.01	86.84	85.56	84.33	83.10	82.44
Other	98.27	96.68	97.66	97.02	97.31	96.29	96.11	96.13
Nondurable goods	**101.40**	**103.76**	**101.78**	**102.19**	**103.47**	**104.20**	**105.18**	**106.56**
Food	104.01	106.14	104.83	105.47	105.79	106.35	106.95	107.60
Clothing and shoes	98.00	96.38	97.83	95.89	96.82	95.79	97.02	95.86
Gasoline, fuel oil, and other energy goods	88.80	96.00	85.19	84.06	94.71	100.08	105.14	119.90
Gasoline and oil	88.46	96.41	84.82	83.79	95.44	100.84	105.55	119.14
Fuel oil and coal	91.65	92.95	88.34	86.26	89.13	94.22	102.19	126.72
Other	102.85	106.89	104.07	106.17	106.52	107.31	107.55	107.99
Services	**105.31**	**107.51**	**106.12**	**106.72**	**107.16**	**107.73**	**108.45**	**109.28**
Housing	106.24	109.26	107.68	108.22	109.02	109.56	110.25	111.17
Household operation	100.74	100.72	100.55	100.61	100.42	100.67	101.20	101.36
Electricity and gas	98.83	98.46	97.78	97.85	97.87	98.82	99.29	99.69
Other household operation	101.90	102.12	102.24	102.30	101.99	101.82	102.39	102.41
Transportation	104.71	105.81	104.91	105.27	105.88	105.84	106.25	107.28
Medical care	104.67	107.35	105.61	106.58	107.00	107.64	108.18	109.05
Recreation	105.87	107.96	106.28	106.74	107.12	108.49	109.47	110.72
Other	107.05	109.25	107.80	108.41	108.77	109.40	110.39	111.24
Addenda:								
Energy goods and services [1]	93.57	97.14	91.19	90.63	96.19	99.43	102.30	110.20
Personal consumption expenditures less food and energy	103.31	104.75	103.84	104.22	104.55	104.86	105.38	105.84

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

Table 7.6.—Chain-Type Quantity and Price Indexes for Private Fixed Investment by Type

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
	Chain-type quantity indexes							
Private fixed investment	**121.37**	**131.15**	**125.55**	**128.30**	**130.37**	**132.54**	**133.40**	**139.56**
Nonresidential	**124.80**	**135.17**	**129.06**	**131.49**	**133.74**	**137.23**	**138.23**	**146.23**
Structures	**112.93**	**110.25**	**113.64**	**111.96**	**110.44**	**109.37**	**109.23**	**114.49**
Nonresidential buildings, including farm	114.18	111.58	115.95	115.42	112.07	109.64	109.20	114.72
Utilities	105.31	105.86	107.38	105.81	105.42	106.80	105.40	109.66
Mining exploration, shafts, and wells	120.22	111.12	111.86	102.30	106.95	115.42	119.83	124.85
Other structures	100.28	103.70	100.09	96.84	115.18	102.12	100.64	105.48
Equipment and software	**129.09**	**144.55**	**134.70**	**138.74**	**142.47**	**147.77**	**149.22**	**158.30**
Information processing equipment and software	145.69	177.46	156.14	163.75	174.39	183.12	188.57	202.90
Computers and peripheral equipment [1]	217.67	311.58	251.60	272.99	300.52	329.49	343.32	375.34
Software [2]	135.81	156.96	144.82	148.87	154.54	159.80	164.63	172.01
Other	121.33	140.07	124.40	130.09	138.89	144.05	147.25	161.00
Industrial equipment	108.56	109.19	109.09	106.30	107.42	109.95	113.08	117.26
Transportation equipment	126.19	140.88	133.75	137.34	137.90	146.87	141.39	149.77
Other	118.33	118.56	117.17	122.50	119.19	116.34	116.21	121.23
Residential	**111.78**	**120.06**	**115.74**	**119.30**	**120.91**	**119.75**	**120.27**	**121.82**
Structures	**111.84**	**120.08**	**115.84**	**119.38**	**120.96**	**119.74**	**120.25**	**121.76**
Single family	113.32	122.52	118.98	123.05	123.02	120.48	123.51	128.85
Multifamily	107.06	112.86	103.85	114.69	112.78	112.55	111.41	117.24
Other structures	110.80	118.24	113.93	115.49	119.77	120.05	117.63	113.43
Equipment	**109.41**	**119.04**	**111.47**	**115.80**	**118.66**	**120.45**	**121.27**	**124.59**
	Chain-type price indexes							
Private fixed investment	**99.20**	**99.22**	**99.11**	**99.19**	**99.17**	**99.19**	**99.32**	**99.58**
Nonresidential	**97.22**	**95.97**	**96.60**	**96.38**	**96.04**	**95.72**	**95.71**	**95.74**
Structures	**107.37**	**110.21**	**108.73**	**109.07**	**109.67**	**110.58**	**111.52**	**112.62**
Nonresidential buildings, including farm	106.72	110.84	108.50	109.35	110.29	111.43	112.30	113.42
Utilities	103.31	103.41	103.52	102.85	102.89	103.53	104.37	105.14
Mining exploration, shafts, and wells	118.51	115.82	118.75	116.65	115.19	114.93	116.53	118.07
Other structures	105.26	107.17	105.81	106.01	106.89	107.32	108.47	109.24
Equipment and software	**94.01**	**91.63**	**92.81**	**92.44**	**91.86**	**91.24**	**90.99**	**90.76**
Information processing equipment and software	85.26	79.77	82.31	81.17	80.08	79.15	78.69	78.08
Computers and peripheral equipment [1]	57.38	44.03	50.22	47.23	44.82	42.73	41.34	40.05
Software [2]	95.54	96.06	95.20	95.64	95.66	95.92	97.04	97.14
Other	98.50	97.51	98.10	97.94	97.71	97.43	96.96	96.82
Industrial equipment	101.37	102.04	101.73	101.94	101.87	102.00	102.34	102.43
Transportation equipment	100.38	100.73	100.65	101.20	101.05	100.43	100.27	100.74
Other	102.42	103.59	103.25	103.66	103.80	103.55	103.38	103.32
Residential	**105.30**	**109.40**	**106.93**	**107.97**	**108.93**	**110.04**	**110.65**	**111.70**
Structures	**105.45**	**109.68**	**107.12**	**108.20**	**109.20**	**110.34**	**110.96**	**112.05**
Single family	105.06	109.71	106.79	108.19	109.15	110.44	111.05	112.11
Multifamily	112.40	120.59	117.59	118.92	119.98	121.40	122.07	123.23
Other structures	104.80	107.83	105.82	106.44	107.48	108.39	109.02	110.12
Equipment	**99.54**	**98.10**	**99.28**	**98.60**	**97.87**	**97.96**	**97.96**	**97.78**

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.

Table 7.9.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of Income

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
	Chain-type quantity indexes							
Exports of goods and services	**114.92**	**119.24**	**117.68**	**116.03**	**117.17**	**120.42**	**123.34**	**124.99**
Goods [1]	116.89	121.59	120.35	117.46	118.71	123.43	126.73	128.84
Durable	121.78	127.47	125.52	122.89	123.99	130.01	133.00	136.54
Nondurable	106.40	108.91	109.25	105.78	107.39	109.25	113.22	112.26
Services [1]	110.24	113.75	111.43	112.56	113.44	113.46	115.55	116.19
Income receipts	**113.69**	**118.85**	**111.58**	**112.41**	**116.72**	**120.75**	**125.50**	**130.52**
Imports of goods and services	**126.89**	**141.77**	**131.14**	**135.07**	**139.69**	**144.63**	**147.68**	**152.16**
Goods [1]	127.62	143.82	132.33	136.33	141.34	147.08	150.53	155.38
Durable	131.30	150.81	137.58	141.30	147.66	154.76	159.54	165.51
Nondurable	120.56	130.35	122.15	126.71	129.07	132.27	133.35	136.24
Services [1]	123.21	131.74	125.24	128.81	131.58	132.74	133.85	136.56
Income payments	**126.13**	**135.92**	**127.10**	**126.82**	**131.35**	**136.03**	**149.48**	**157.58**
	Chain-type price indexes							
Exports of goods and services	**96.19**	**95.76**	**95.44**	**95.33**	**95.49**	**95.80**	**96.41**	**96.92**
Goods [1]	94.25	92.95	93.15	92.83	92.69	92.85	93.44	93.83
Durable	94.88	93.69	94.14	93.91	93.68	93.42	93.74	93.77
Nondurable	92.71	91.16	90.72	90.16	90.26	91.47	92.74	94.07
Services [1]	101.10	102.87	101.26	101.65	102.60	103.28	103.95	104.74
Income receipts	**102.20**	**103.56**	**102.49**	**102.80**	**103.31**	**103.77**	**104.37**	**105.21**
Imports of goods and services	**91.31**	**91.64**	**90.48**	**89.81**	**90.96**	**92.35**	**93.46**	**94.82**
Goods [1]	90.19	90.16	89.03	88.38	89.46	90.75	92.06	93.54
Durable	90.85	89.06	89.86	89.76	89.09	88.73	88.65	88.84
Nondurable	88.74	92.69	87.24	85.40	90.29	95.29	99.79	104.26
Services [1]	97.29	99.58	98.26	97.43	99.03	100.95	100.91	101.53
Income payments	**102.88**	**104.19**	**103.03**	**103.36**	**103.88**	**104.44**	**105.07**	**105.94**

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

Table 7.10.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Type of Product

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted 1998 IV	1999 I	1999 II	1999 III	1999 IV	2000 I
Chain-type quantity indexes								
Exports of goods and services	**114.92**	**119.24**	**117.68**	**116.03**	**117.17**	**120.42**	**123.34**	**124.99**
Exports of goods [1]	**116.89**	**121.59**	**120.35**	**117.46**	**118.71**	**123.43**	**126.73**	**128.84**
Foods, feeds, and beverages	99.28	102.16	104.05	95.32	100.96	106.40	105.96	107.02
Industrial supplies and materials	107.43	108.47	108.00	104.28	106.44	108.23	114.94	115.02
Durable goods	110.83	114.19	110.58	109.69	111.86	114.26	120.95	127.30
Nondurable goods	105.50	105.17	106.52	101.16	103.31	104.76	111.47	108.18
Capital goods, except automotive	128.12	134.93	133.15	130.16	129.67	139.03	140.84	143.32
Civilian aircraft, engines, and parts	165.96	161.93	196.09	172.66	148.09	163.46	163.54	134.88
Computers, peripherals, and parts	136.93	155.46	144.32	143.22	153.55	163.27	161.81	174.66
Other	119.03	125.83	118.78	119.41	121.66	129.76	132.48	139.35
Automotive vehicles, engines, and parts	111.45	113.30	113.67	108.47	113.83	115.03	115.87	121.56
Consumer goods, except automotive	112.30	114.78	112.43	113.21	112.57	114.58	118.74	124.01
Durable goods	112.66	115.82	112.41	110.56	113.26	116.04	123.41	129.65
Nondurable goods	111.92	113.70	112.46	115.96	111.86	113.08	113.91	118.17
Other	122.15	139.76	134.10	140.12	139.91	135.42	143.60	138.71
Exports of services [1]	**110.24**	**113.75**	**111.43**	**112.56**	**113.44**	**113.46**	**115.55**	**116.19**
Transfers under U.S. military agency sales contracts	117.26	110.78	110.28	113.27	109.96	113.35	106.53	97.59
Travel	99.46	101.77	99.62	101.32	101.21	100.54	104.01	105.07
Passenger fares	102.61	100.43	96.03	96.73	101.54	100.83	102.62	104.54
Other transportation	101.08	107.57	104.98	106.14	106.11	106.32	111.72	110.25
Royalties and license fees	110.75	111.29	118.76	111.73	111.88	110.82	110.72	109.83
Other private services	126.16	134.01	127.16	131.26	133.49	134.26	137.04	140.44
Other	103.97	109.39	107.83	108.68	109.63	109.17	110.09	110.05
Imports of goods and services	**126.89**	**141.77**	**131.14**	**135.07**	**139.69**	**144.63**	**147.68**	**152.16**
Imports of goods [1]	**127.62**	**143.82**	**132.33**	**136.33**	**141.34**	**147.08**	**150.53**	**155.38**
Foods, feeds, and beverages	118.18	129.22	119.84	122.46	128.95	132.26	133.22	131.67
Industrial supplies and materials, except petroleum and products	119.98	125.69	120.69	120.73	123.45	127.01	131.57	133.59
Durable goods	123.87	129.06	126.06	124.75	127.82	128.66	135.02	138.49
Nondurable goods	115.85	122.14	114.99	116.46	118.80	125.34	127.97	128.43
Petroleum and products	111.97	111.73	108.87	110.75	117.22	113.66	105.31	113.06
Capital goods, except automotive	143.96	166.05	148.92	152.37	162.45	171.02	178.39	184.36
Civilian aircraft, engines, and parts	163.09	171.46	179.71	163.05	166.00	183.16	173.64	167.94
Computers, peripherals, and parts	164.66	213.21	179.65	191.36	212.57	222.47	226.46	228.01
Other	134.30	149.16	134.69	137.60	144.91	152.05	162.09	170.48
Automotive vehicles, engines, and parts	115.21	138.26	124.62	132.17	134.47	142.79	143.63	150.80
Consumer goods, except automotive	129.16	144.01	132.07	136.97	139.94	146.22	152.90	158.13
Durable goods	129.55	145.77	133.96	135.34	142.91	149.96	154.88	162.82
Nondurable goods	128.79	142.20	130.13	138.71	136.86	142.34	150.87	153.29
Other	132.40	160.23	149.25	155.04	158.20	162.99	164.69	162.53
Imports of services [1]	**123.21**	**131.74**	**125.24**	**128.81**	**131.58**	**132.74**	**133.85**	**136.56**
Direct defense expenditures	130.92	147.26	131.12	139.93	146.68	154.12	148.33	153.80
Travel	122.14	131.70	121.19	129.99	131.42	130.56	134.82	138.85
Passenger fares	116.70	123.49	120.37	119.81	122.05	122.83	129.26	131.03
Other transportation	115.73	116.32	117.80	116.61	115.04	117.08	116.53	118.70
Royalties and license fees	140.80	153.18	145.36	157.46	159.94	145.68	149.63	149.45
Other private services	129.29	141.09	134.19	134.16	141.03	145.81	143.35	145.62
Other	109.95	113.23	111.88	110.33	113.36	114.87	114.37	114.56
Addenda:								
Exports of agricultural goods [2]	101.87	102.97	107.80	95.70	101.92	108.29	105.97	110.69
Exports of nonagricultural goods	118.50	123.55	121.73	119.71	120.50	125.08	128.90	130.78
Imports of nonpetroleum goods	129.07	146.59	134.28	138.42	143.34	149.93	154.68	159.09

	1998	1999	Seasonally adjusted 1998 IV	1999 I	1999 II	1999 III	1999 IV	2000 I
Chain-type price indexes								
Exports of goods and services	**96.19**	**95.76**	**95.44**	**95.33**	**95.49**	**95.80**	**96.41**	**96.92**
Exports of goods [1]	**94.25**	**92.95**	**93.15**	**92.83**	**92.69**	**92.85**	**93.44**	**93.83**
Foods, feeds, and beverages	84.15	80.32	82.24	81.65	80.77	79.75	79.09	79.25
Industrial supplies and materials	94.22	92.75	91.71	90.83	91.24	93.44	95.48	97.45
Durable goods	95.02	92.55	93.34	92.48	92.12	92.38	93.20	93.98
Nondurable goods	93.75	92.92	90.75	89.85	90.75	94.13	96.93	99.65
Capital goods, except automotive	92.50	91.07	91.69	91.50	91.20	90.67	90.90	90.66
Civilian aircraft, engines, and parts	104.79	107.06	105.40	106.49	106.87	107.05	107.84	108.89
Computers, peripherals, and parts	75.58	68.55	72.08	70.39	69.12	67.48	67.21	66.35
Other	94.64	93.92	94.23	94.14	93.98	93.65	93.91	93.61
Automotive vehicles, engines, and parts	100.96	101.55	101.11	101.31	101.39	101.57	101.93	102.29
Consumer goods, except automotive	100.76	100.43	100.53	100.34	100.34	100.39	100.64	100.90
Durable goods	100.69	100.11	100.39	99.95	100.03	100.21	100.24	100.60
Nondurable goods	100.83	100.76	100.69	100.73	100.65	100.57	101.06	101.21
Other	96.68	95.50	95.63	95.55	95.02	95.22	96.20	96.64
Exports of services [1]	**101.10**	**102.87**	**101.26**	**101.65**	**102.60**	**103.28**	**103.95**	**104.74**
Transfers under U.S. military agency sales contracts	95.37	100.34	93.74	100.12	99.70	100.03	101.49	99.45
Travel	102.71	103.82	103.26	102.66	104.11	104.15	104.36	104.84
Passenger fares	95.46	102.88	98.82	101.18	101.12	103.62	105.58	104.50
Other transportation	96.83	97.84	96.07	93.96	97.08	99.63	100.68	103.41
Royalties and license fees	102.35	103.71	102.63	102.95	103.46	103.92	104.52	105.36
Other private services	100.84	102.00	100.96	101.41	102.00	102.09	102.50	103.62
Other	110.60	111.13	108.90	109.25	110.11	112.04	113.13	114.57
Imports of goods and services	**91.31**	**91.64**	**90.48**	**89.81**	**90.96**	**92.35**	**93.46**	**94.82**
Imports of goods [1]	**90.19**	**90.16**	**89.03**	**88.38**	**89.46**	**90.75**	**92.06**	**93.54**
Foods, feeds, and beverages	97.73	94.53	97.12	95.37	95.05	93.59	94.12	94.29
Industrial supplies and materials, except petroleum and products	94.96	94.45	92.83	92.62	93.07	95.33	96.78	99.02
Durable goods	97.00	97.18	94.37	95.19	96.35	98.56	98.63	102.26
Nondurable goods	92.88	91.60	91.31	89.96	89.63	91.95	94.86	95.60
Petroleum and products	62.50	83.43	57.85	52.60	74.68	94.71	111.75	132.16
Capital goods, except automotive	82.10	78.43	80.71	80.29	78.73	77.47	77.22	76.91
Civilian aircraft, engines, and parts	105.56	107.52	106.40	107.27	107.37	107.50	107.94	108.61
Computers, peripherals, and parts	71.55	62.12	67.47	65.78	62.63	60.20	59.87	59.44
Other	84.81	83.69	84.55	84.69	83.91	83.22	82.96	82.63
Automotive vehicles, engines, and parts	100.34	101.02	100.34	100.71	100.97	101.14	101.26	101.44
Consumer goods, except automotive	97.47	96.79	97.26	97.24	96.68	96.57	96.64	96.35
Durable goods	95.23	94.08	94.74	94.65	94.03	93.84	93.79	93.45
Nondurable goods	99.92	99.76	100.03	100.08	99.58	99.57	99.78	99.54
Other	99.93	99.26	100.67	99.42	98.99	99.19	99.46	99.47
Imports of services [1]	**97.29**	**99.58**	**98.26**	**97.43**	**99.03**	**100.95**	**100.91**	**101.53**
Direct defense expenditures	88.93	90.60	94.25	90.83	89.04	90.81	91.70	88.44
Travel	95.60	95.97	97.08	95.09	94.99	97.09	96.70	96.29
Passenger fares	107.24	110.05	107.67	107.93	110.15	112.33	109.79	113.19
Other transportation	96.04	107.29	97.28	96.73	105.21	112.60	114.63	115.31
Royalties and license fees	102.33	103.70	102.62	102.93	103.45	103.90	104.50	105.34
Other private services	97.09	96.63	96.33	96.82	97.45	96.31	95.95	97.84
Other	100.40	102.03	101.75	100.81	101.67	102.80	102.85	103.68
Addenda:								
Exports of agricultural goods [2]	84.79	78.58	81.98	80.42	78.24	77.72	77.92	77.40
Exports of nonagricultural goods	95.19	94.34	94.24	94.04	94.09	94.31	94.94	95.42
Imports of nonpetroleum goods	92.63	91.02	91.79	91.50	90.90	90.74	90.94	91.12

NOTE.—See footnotes to table 4.3.

Table 7.11.—Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted 1998 IV	1999 I	1999 II	1999 III	1999 IV	2000 I
Chain-type quantity indexes								
Government consumption expenditures and gross investment [1]	**104.00**	**107.89**	**105.11**	**106.43**	**106.78**	**107.97**	**110.39**	**110.05**
Federal	**98.94**	**101.73**	**100.05**	**99.94**	**100.46**	**101.49**	**105.02**	**100.80**
National defense	**95.71**	**97.43**	**96.61**	**95.64**	**95.01**	**97.56**	**101.51**	**95.29**
Consumption expenditures	96.37	97.01	97.08	95.74	94.23	97.25	100.83	94.40
Durable goods [2]	100.91	103.52	103.03	98.12	101.75	108.23	105.98	105.14
Nondurable goods	105.22	114.76	105.74	100.24	110.36	135.75	112.68	123.44
Services	95.81	96.12	96.42	95.43	93.30	95.53	100.21	92.92
Compensation of general government employees, except own-account investment [3]	93.39	90.90	92.14	91.26	90.90	91.09	90.37	90.11
Consumption of general government fixed capital [4]	98.66	98.65	98.53	98.49	98.55	98.71	98.87	99.08
Other services	97.75	103.10	102.14	100.23	93.28	100.69	118.23	92.83
Gross investment	92.11	100.20	94.12	95.33	99.91	99.70	105.85	100.95
Structures	76.17	71.87	71.10	74.25	72.51	69.89	70.81	65.64
Equipment and software	94.46	104.48	97.58	98.47	104.04	104.22	111.18	106.33
Nondefense	**105.51**	**110.47**	**107.06**	**108.67**	**111.52**	**109.49**	**112.20**	**111.93**
Consumption expenditures	102.97	105.69	104.25	105.38	106.31	104.74	106.34	107.65
Durable goods [2]	.....	.....	.....	.....	.....	.....	.....	.....
Nondurable goods	.....	.....	.....	.....	.....	.....	.....	.....
Commodity Credit Corporation inventory change	.....	.....	.....	.....	.....	.....	.....	.....
Other nondurables	127.04	131.85	127.94	129.38	133.04	132.58	132.39	133.05
Services	102.36	103.15	102.56	102.91	103.84	102.14	103.72	104.68
Compensation of general government employees, except own-account investment [3]	100.54	101.18	102.20	102.34	101.12	100.03	101.25	102.97
Consumption of general government fixed capital [4]	118.15	128.91	122.07	124.79	127.46	130.29	133.09	135.99
Other services	99.06	96.20	94.98	94.78	99.24	94.49	96.29	94.91
Gross investment	117.50	133.34	120.29	124.27	136.51	132.22	140.37	132.30
Structures	94.86	93.28	96.51	97.52	89.07	93.48	93.05	86.39
Equipment and software	130.18	156.61	133.70	139.46	164.30	154.65	168.05	159.21
State and local	**107.00**	**111.54**	**108.11**	**110.27**	**110.51**	**111.81**	**113.56**	**115.51**
Consumption expenditures	106.52	110.11	107.73	108.64	109.59	110.64	111.58	112.51
Durable goods [2]	116.86	125.34	119.84	122.01	124.20	126.43	128.71	131.02
Nondurable goods	114.37	121.83	117.07	118.95	120.85	122.78	124.74	126.72
Services	105.37	108.44	106.38	107.16	107.98	108.91	109.70	110.48
Compensation of general government employees, except own-account investment [3]	102.82	104.82	103.38	103.92	104.48	105.21	105.68	106.10
Consumption of general government fixed capital [4]	109.89	115.73	111.97	113.43	114.93	116.48	118.08	119.72
Other services	150.60	171.19	159.25	163.87	168.95	172.90	179.06	185.67
Gross investment	109.14	117.95	109.80	117.60	114.64	117.02	122.52	129.15
Structures	104.06	111.34	103.34	112.51	107.81	109.47	115.55	122.65
Equipment and software	125.33	139.29	130.68	133.60	136.82	141.72	145.01	149.72
Addenda:								
Compensation of general government employees [3]	100.94	102.07	101.31	101.61	101.80	102.26	102.61	103.11
Federal	96.00	94.70	95.85	95.36	94.70	94.43	94.32	94.82
State and local	102.84	104.91	103.41	104.01	104.54	105.29	105.82	106.31

	1998	1999	Seasonally adjusted 1998 IV	1999 I	1999 II	1999 III	1999 IV	2000 I
Chain-type price indexes								
Government consumption expenditures and gross investment [1]	**103.44**	**106.24**	**104.03**	**105.01**	**105.77**	**106.64**	**107.55**	**109.07**
Federal	**102.42**	**105.51**	**102.79**	**104.93**	**105.16**	**105.63**	**106.34**	**108.24**
National defense	**102.03**	**104.80**	**102.32**	**104.21**	**104.47**	**104.93**	**105.58**	**107.23**
Consumption expenditures	102.91	105.92	103.37	105.20	105.58	106.13	106.75	108.78
Durable goods [2]	99.18	98.73	99.22	98.93	98.67	98.51	98.83	98.76
Nondurable goods	86.89	91.02	85.18	82.52	87.76	93.93	99.86	106.27
Services	103.66	106.89	104.23	106.36	106.64	107.05	107.50	109.55
Compensation of general government employees, except own-account investment [3]	105.37	109.95	105.95	109.71	109.86	109.98	110.25	114.50
Consumption of general government fixed capital [4]	99.17	100.58	99.15	100.29	100.30	100.76	100.97	101.07
Other services	104.45	107.03	105.48	105.87	106.55	107.40	108.29	108.58
Gross investment	96.83	98.28	96.20	98.38	98.02	97.94	98.80	98.44
Structures	105.89	109.66	107.46	108.05	109.26	110.36	110.96	111.76
Equipment and software	95.68	96.88	94.80	97.15	96.64	96.44	97.31	96.86
Nondefense	**103.18**	**106.86**	**103.69**	**106.28**	**106.47**	**106.95**	**107.76**	**110.11**
Consumption expenditures	104.38	108.62	105.09	107.88	108.22	108.84	109.54	112.38
Durable goods [2]	.....	.....	.....	.....	.....	.....	.....	.....
Nondurable goods	.....	.....	.....	.....	.....	.....	.....	.....
Commodity Credit Corporation inventory change	.....	.....	.....	.....	.....	.....	.....	.....
Other nondurables	99.36	102.50	99.06	100.04	101.49	103.65	104.82	106.30
Services	104.73	109.26	105.44	108.59	108.89	109.45	110.10	113.08
Compensation of general government employees, except own-account investment [3]	106.62	113.82	107.88	112.96	113.41	114.28	114.62	119.32
Consumption of general government fixed capital [4]	98.20	99.30	98.02	99.11	98.92	98.99	100.17	100.90
Other services	104.36	105.52	104.50	104.94	105.23	105.50	106.39	107.35
Gross investment	97.97	99.49	97.68	99.47	99.13	99.10	100.27	100.87
Structures	106.48	109.17	107.54	107.99	108.69	109.53	110.46	111.52
Equipment and software	94.30	95.41	93.47	95.77	95.09	94.78	96.01	96.48
State and local	**104.03**	**106.67**	**104.73**	**105.09**	**106.14**	**107.23**	**108.24**	**109.56**
Consumption expenditures	104.35	107.17	105.05	105.46	106.57	107.80	108.85	110.38
Durable goods [2]	99.18	98.87	99.06	98.94	98.78	98.62	99.13	98.97
Nondurable goods	94.44	97.81	92.72	92.31	96.39	100.43	102.09	108.42
Services	105.77	108.58	106.82	107.36	108.08	108.95	109.92	110.79
Compensation of general government employees, except own-account investment [3]	106.28	109.40	107.49	108.21	108.89	109.80	110.72	111.60
Consumption of general government fixed capital [4]	101.39	102.86	101.86	101.98	102.64	102.99	103.82	104.25
Other services	107.98	108.56	107.69	106.35	107.72	109.01	111.14	112.65
Gross investment	102.64	104.53	103.36	103.49	104.28	104.75	105.60	106.14
Structures	106.09	109.73	107.54	108.02	109.33	110.21	111.35	112.24
Equipment and software	93.19	90.89	92.14	91.44	90.97	90.49	90.65	90.35
Addenda:								
Compensation of general government employees [3]	106.16	109.94	107.27	108.93	109.50	110.29	111.04	112.83
Federal	105.84	111.44	106.68	110.97	111.23	111.64	111.94	116.36
State and local	106.28	109.40	107.49	108.21	108.89	109.80	110.72	111.60

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all general government employees is shown in the addenda.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

Table 7.14.—Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
Chain-type quantity indexes								
Gross domestic product	**108.74**	**113.25**	**110.58**	**111.58**	**112.10**	**113.65**	**115.67**	**117.20**
Business [1]	**109.86**	**114.93**	**111.95**	**113.06**	**113.61**	**115.36**	**117.66**	**119.38**
Nonfarm [2]	109.86	114.99	111.96	113.10	113.64	115.48	117.75	119.48
Nonfarm less housing	110.65	116.01	112.91	114.05	114.57	116.49	118.93	120.73
Housing	102.71	105.93	103.52	104.67	105.34	106.43	107.28	108.42
Farm	109.23	107.95	110.01	108.67	110.25	103.89	109.01	109.39
Households and institutions	**105.87**	**107.96**	**106.51**	**107.07**	**107.52**	**108.22**	**109.05**	**109.71**
Private households	110.60	121.93	118.59	121.19	121.56	122.36	122.61	122.39
Nonprofit institutions	105.70	107.46	106.08	106.56	107.02	107.71	108.56	109.25
General government [3]	**101.78**	**103.35**	**102.30**	**102.71**	**103.03**	**103.59**	**104.06**	**104.67**
Federal	97.89	97.54	97.98	97.77	97.44	97.43	97.54	98.12
State and local	103.61	106.08	104.33	105.03	105.66	106.49	107.13	107.75
Chain-type price indexes								
Gross domestic product	**103.11**	**104.55**	**103.51**	**104.03**	**104.37**	**104.65**	**105.16**	**105.86**
Business [1]	**102.77**	**103.84**	**103.05**	**103.41**	**103.70**	**103.90**	**104.35**	**104.96**
Nonfarm [2]	103.11	104.21	103.30	103.70	104.08	104.29	104.79	105.43
Nonfarm less housing	102.80	103.67	102.81	103.19	103.55	103.74	104.22	104.82
Housing	106.09	109.41	107.92	108.53	109.16	109.59	110.34	111.29
Farm	79.60	78.10	86.53	83.89	77.91	76.97	73.64	71.86
Households and institutions	**104.49**	**108.50**	**105.98**	**107.10**	**108.03**	**108.97**	**109.90**	**110.52**
Private households	105.45	108.55	106.64	107.31	108.25	108.80	109.84	111.29
Nonprofit institutions	104.46	108.50	105.95	107.10	108.02	108.98	109.90	110.50
General government [3]	**105.14**	**108.51**	**106.09**	**107.57**	**108.10**	**108.81**	**109.54**	**111.08**
Federal	103.87	108.22	104.45	107.81	107.98	108.37	108.73	111.90
State and local	105.72	108.65	106.84	107.49	108.17	109.02	109.92	110.75

1. Equals gross domestic product less gross product of households and institutions and of general government.
2. Equals gross domestic business product less gross farm product.
3. Equals compensation of general government employees plus general government consumption of fixed capital.

Table 7.15.—Price, Costs, and Profit Per Unit of Real Gross Product of Nonfinancial Corporate Business

[Dollars]

Price per unit of real gross product of nonfinancial corporate business [1]	**1.006**	**1.012**	**1.007**	**1.009**	**1.012**	**1.012**	**1.014**	**1.018**
Compensation of employees (unit labor cost)	**.652**	**.658**	**.656**	**.656**	**.659**	**.659**	**.657**	**.657**
Unit nonlabor cost	**.232**	**.234**	**.234**	**.232**	**.232**	**.235**	**.236**	**.236**
Consumption of fixed capital	.110	.111	.110	.110	.110	.112	.111	.111
Indirect business tax and nontax liability plus business transfer payments less subsidies	.096	.097	.098	.096	.096	.096	.098	.098
Net interest	.026	.026	.026	.026	.026	.027	.027	.027
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	**.122**	**.120**	**.118**	**.122**	**.121**	**.118**	**.121**	**.125**
Profits tax liability	.032	.033	.031	.032	.034	.034	.034	.036
Profits after tax with inventory valuation and capital consumption adjustments	.090	.087	.088	.089	.087	.084	.086	.089

1. The implicit price deflator for gross product of nonfinancial corporate business divided by 100.

Table 7.16.—Implicit Price Deflators for Private Inventories by Industry Group

[Index numbers, 1996=100]

	Seasonally adjusted					
	1998	1999				2000
	IV	I	II	III	IV	I
Private inventories [1]	**95.64**	**95.59**	**96.37**	**97.56**	**98.11**	**99.40**
Farm	85.84	90.74	90.14	88.98	89.47	95.60
Nonfarm	96.48	96.01	96.91	98.29	98.85	99.76
Durable goods	96.90	95.89	96.37	96.97	97.34	97.53
Nondurable goods	95.96	96.15	97.60	99.95	100.75	102.58
Manufacturing	94.42	93.92	94.94	96.37	97.29	98.27
Durable goods	94.62	94.10	94.71	95.60	96.12	96.56
Nondurable goods	94.08	93.64	95.33	97.63	99.23	101.09
Wholesale	96.17	95.27	95.70	96.94	97.58	98.57
Durable goods	97.48	95.74	95.89	96.13	96.54	96.72
Nondurable goods	93.97	94.53	95.44	98.42	99.48	101.91
Merchant wholesalers	96.40	95.38	95.62	96.69	97.24	98.05
Durable goods	97.48	95.79	95.95	96.20	96.62	96.81
Nondurable goods	94.55	94.70	95.08	97.62	98.40	100.33
Nonmerchant wholesalers	94.67	94.59	96.24	98.49	99.76	101.91
Durable goods	97.45	95.38	95.49	95.67	96.01	96.15
Nondurable goods	90.50	93.48	97.57	103.20	105.95	111.37
Retail trade	100.35	100.03	100.69	101.68	101.84	102.21
Durable goods	99.63	98.66	99.24	99.92	100.00	99.79
Motor vehicle dealers	98.73	97.48	98.02	99.54	99.49	99.10
Other	100.61	99.94	100.57	100.35	100.58	100.55
Nondurable goods	101.22	101.68	102.45	103.81	104.07	105.15
Other	94.14	94.60	97.21	100.06	100.06	102.11
Durable goods	100.62	101.40	103.45	102.41	102.84	104.05
Nondurable goods	93.66	94.09	96.74	99.87	99.83	101.95

1. Implicit price deflators are as of the end of the quarter and are consistent with the inventory stocks shown in tables 5.12 and 5.13.

Table 7.17.—Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product

[Index numbers, 1996=100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product	**108.74**	**113.25**	**110.58**	**111.58**	**112.10**	**113.65**	**115.67**	**117.20**
Final sales of domestic product	108.19	113.07	110.09	111.33	112.26	113.51	115.18	117.13
Change in private inventories								
Goods	**112.85**	**118.90**	**115.79**	**116.63**	**116.77**	**119.45**	**122.74**	**124.97**
Final sales	111.43	118.51	114.54	116.04	117.33	119.17	121.49	124.91
Change in private inventories								
Durable goods	120.28	128.95	124.85	125.36	125.80	130.13	134.52	138.73
Final sales	119.01	128.79	123.65	125.29	127.15	130.21	132.51	138.93
Change in private inventories								
Nondurable goods	106.73	110.72	108.39	109.48	109.38	110.78	113.22	113.93
Final sales	105.24	110.21	107.15	108.55	109.38	110.29	112.61	113.77
Change in private inventories								
Services	**105.69**	**109.26**	**106.79**	**107.61**	**108.60**	**109.77**	**111.07**	**111.82**
Structures	**110.14**	**114.23**	**112.03**	**114.79**	**113.99**	**113.42**	**114.72**	**118.30**
Addenda:								
Motor vehicle output	114.56	125.25	126.49	119.36	121.80	129.10	130.73	128.06
Gross domestic product less motor vehicle output	108.53	112.82	110.01	111.30	111.75	113.11	115.14	116.81

Table 7.18B.—Chain-Type Quantity Indexes for Motor Vehicle Output

[Index numbers, 1996-100]

	1998	1999	Seasonally adjusted					
			1998	1999				2000
			IV	I	II	III	IV	I
Motor vehicle output	**114.56**	**125.25**	**126.49**	**119.36**	**121.80**	**129.10**	**130.73**	**128.06**
Auto output	104.87	102.97	116.65	99.19	101.00	102.88	108.82	105.36
Truck output [1]	122.70	143.69	134.74	136.08	139.04	150.78	148.87	146.85
Final sales of domestic product	**112.55**	**119.74**	**118.63**	**115.28**	**119.13**	**122.37**	**122.18**	**126.95**
Personal consumption expenditures	**114.53**	**124.74**	**121.22**	**121.64**	**124.66**	**125.41**	**127.25**	**136.23**
New motor vehicles	115.33	126.28	120.75	121.16	125.72	126.72	131.53	142.67
Autos	111.43	124.75	116.09	117.93	124.82	123.82	132.45	138.43
Light trucks	119.94	128.13	126.27	125.00	126.82	130.16	130.55	147.66
Net purchases of used autos	112.04	119.97	122.46	122.93	121.26	121.26	114.42	117.08
Private fixed investment	**115.07**	**132.74**	**124.22**	**126.04**	**129.17**	**140.75**	**134.98**	**138.69**
New motor vehicles	114.37	129.72	121.64	123.88	127.75	137.06	130.18	134.61
Autos	102.10	106.35	105.49	102.09	107.97	111.31	104.04	110.01
Trucks	126.11	152.03	137.11	144.69	146.67	161.64	155.11	158.10
Light trucks	126.47	154.88	136.20	145.83	148.90	168.43	156.37	165.89
Other	125.29	146.64	138.57	142.43	142.44	149.17	152.53	143.95
Net purchases of used autos	111.81	118.64	112.09	115.90	122.60	123.47	112.58	119.64
Gross government investment	**109.63**	**117.93**	**118.22**	**107.78**	**99.74**	**120.88**	**143.29**	**119.85**
Autos	95.01	107.15	103.89	95.31	92.29	108.30	132.69	88.21
New trucks	117.67	123.73	126.04	114.58	103.70	127.71	148.92	137.68
Net exports								
Exports	100.44	96.30	99.04	92.12	100.78	93.62	98.68	99.98
Autos	94.32	94.43	99.75	90.26	102.60	89.63	95.22	96.37
Trucks	111.90	99.87	97.92	95.69	97.65	101.02	105.12	106.69
Imports	116.94	143.75	127.05	138.59	139.34	147.87	149.18	157.84
Autos	118.90	143.37	129.71	139.67	136.13	148.38	149.32	160.02
Trucks	107.48	145.51	114.27	133.39	154.67	145.45	148.51	147.51
Change in private inventories								
Autos								
New								
Domestic								
Foreign								
Used								
New trucks								
Domestic								
Foreign								
Addenda:								
Final sales of motor vehicles to domestic purchasers	114.56	127.44	122.21	122.79	125.48	130.86	130.62	136.62
Private fixed investment in new autos and new light trucks	112.00	126.04	117.95	119.83	124.57	134.48	125.26	132.67
Domestic output of new autos [2]	98.16	100.87	106.06	98.93	99.28	103.95	101.31	106.20
Sales of imported new autos [3]	129.63	149.10	139.71	136.53	146.46	148.58	164.84	163.24

1. Except for exports and imports, consists of new trucks only.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

8. Supplemental Tables

Table 8.1.—Percent Change From Preceding Period in Selected Series

[Percent]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Gross domestic product:								
Current dollars	5.5	5.7	7.0	5.7	3.3	6.8	9.4	8.2
Chain-type quantity index	4.3	4.2	5.9	3.7	1.9	5.7	7.3	5.4
Chain-type price index	1.2	1.4	.8	2.0	1.3	1.1	2.0	2.7
Implicit price deflator	1.2	1.5	1.0	2.0	1.4	1.1	1.9	2.7
Personal consumption expenditures:								
Current dollars	5.9	7.0	5.8	8.1	7.4	6.8	8.5	10.9
Chain-type quantity index	4.9	5.3	4.6	6.5	5.1	4.9	5.9	7.5
Chain-type price index	.9	1.6	1.1	1.5	2.2	1.8	2.5	3.1
Implicit price deflator	.9	1.6	1.1	1.5	2.2	1.8	2.5	3.1
Durable goods:								
Current dollars	8.6	8.7	15.7	9.3	7.0	5.6	11.1	20.0
Chain-type quantity index	11.3	11.5	20.4	12.4	9.1	7.7	13.0	22.4
Chain-type price index	–2.4	–2.6	–3.9	–2.8	–1.9	–2.0	–1.7	–1.9
Implicit price deflator	–2.4	–2.6	–3.9	–2.8	–1.9	–2.0	–1.7	–1.9
Nondurable goods:								
Current dollars	4.1	7.9	6.3	10.7	8.5	6.5	11.7	11.2
Chain-type quantity index	4.0	5.4	5.0	8.9	3.3	3.6	7.6	5.6
Chain-type price index	0	2.3	1.3	1.6	5.1	2.8	3.8	5.4
Implicit price deflator	.1	2.3	1.3	1.6	5.1	2.8	3.8	5.4
Services:								
Current dollars	6.2	6.2	3.7	6.5	7.0	7.2	6.5	8.9
Chain-type quantity index	4.1	4.0	1.5	4.2	5.2	5.0	3.7	5.6
Chain-type price index	2.1	2.1	2.1	2.3	1.7	2.1	2.7	3.1
Implicit price deflator	2.1	2.1	2.1	2.3	1.7	2.1	2.7	3.1
Gross private domestic investment:								
Current dollars	10.7	6.0	12.2	3.6	–2.2	13.1	10.4	10.8
Chain-type quantity index	11.7	5.8	11.5	3.6	–2.1	13.6	10.0	9.9
Chain-type price index	–.9	–.2	–.2	.1	–.4	–.3	.4	.8
Implicit price deflator	–.9	.1	.7	0	–.1	–.4	.3	.8
Fixed investment:								
Current dollars	11.0	8.1	13.6	9.4	6.5	6.9	3.2	21.0
Chain-type quantity index	11.8	8.1	13.8	9.1	6.6	6.8	2.6	19.8
Chain-type price index	–.8	0	–.2	.3	–.1	.1	.5	1.1
Implicit price deflator	–.8	0	–.2	.3	–.1	.1	.5	1.1
Nonresidential:								
Current dollars	10.7	6.9	13.2	6.8	5.5	9.4	2.9	25.4
Chain-type quantity index	12.7	8.3	15.3	7.8	7.0	10.9	2.9	25.2
Chain-type price index	–1.8	–1.3	–1.8	–.9	–1.4	–1.3	0	.1
Implicit price deflator	–1.8	–1.3	–1.8	–.9	–1.4	–1.3	0	.1
Structures:								
Current dollars	7.4	.2	9.5	–4.6	–3.2	–.6	2.9	25.5
Chain-type quantity index	4.1	–2.4	5.8	–5.8	–5.3	–3.8	–.5	20.7
Chain-type price index	3.1	2.6	3.5	1.3	2.2	3.4	3.5	4.0
Implicit price deflator	3.1	2.6	3.5	1.3	2.2	3.4	3.5	4.0
Equipment and software:								
Current dollars	11.8	9.1	14.4	10.8	8.4	12.6	2.9	25.3
Chain-type quantity index	15.8	12.0	18.6	12.5	11.2	15.7	4.0	26.6
Chain-type price index	–3.4	–2.5	–3.5	–1.6	–2.5	–2.7	–1.1	–1.0
Implicit price deflator	–3.4	–2.5	–3.5	–1.6	–2.5	–2.7	–1.1	–1.0
Residential:								
Current dollars	12.0	11.5	14.7	17.3	9.3	.2	4.0	9.3
Chain-type quantity index	9.2	7.4	9.8	12.9	5.5	–3.8	1.8	5.2
Chain-type price index	2.6	3.9	4.5	4.0	3.6	4.1	2.2	3.9
Implicit price deflator	2.6	3.9	4.5	4.0	3.6	4.1	2.2	3.8
Exports of goods and services:								
Current dollars	–.2	3.3	14.5	–5.9	4.7	13.0	12.9	7.7
Chain-type quantity index	2.2	3.8	16.3	–5.5	4.0	11.5	10.1	5.5
Chain-type price index	–2.3	–.5	–1.5	–.5	.7	1.3	2.6	2.1
Implicit price deflator	–2.3	–.4	–1.5	–.5	.7	1.3	2.6	2.1
Exports of goods:								
Current dollars	–1.1	2.6	16.6	–10.5	3.7	17.7	14.0	8.6
Chain-type quantity index	2.1	4.0	19.4	–9.3	4.3	16.9	11.1	6.8
Chain-type price index	–3.1	–1.4	–2.3	–1.4	–.6	.7	2.6	1.7
Implicit price deflator	–3.1	–1.4	–2.3	–1.4	–.6	.7	2.6	1.7
Exports of services:								
Current dollars	2.2	5.0	9.8	5.7	7.1	2.7	10.4	5.4
Chain-type quantity index	2.5	3.2	9.2	4.1	3.2	0	7.6	2.2
Chain-type price index	–.3	1.7	.6	1.5	3.8	2.7	2.6	3.1
Implicit price deflator	–.3	1.8	.6	1.5	3.8	2.7	2.6	3.1
Imports of goods and services:								
Current dollars	5.6	12.2	10.5	9.2	20.4	22.1	14.0	19.4
Chain-type quantity index	11.6	11.7	10.8	12.5	14.4	14.9	8.7	12.7
Chain-type price index	–5.3	.4	–.3	–3.0	5.2	6.2	4.9	5.9
Implicit price deflator	–5.3	.4	–.3	–3.0	5.2	6.2	4.9	5.9
Imports of goods:								
Current dollars	5.1	12.8	11.5	9.4	21.2	24.2	16.2	21.0
Chain-type quantity index	11.7	12.7	12.8	12.6	15.5	17.3	9.7	13.5
Chain-type price index	–5.9	0	–1.2	–2.9	4.9	5.9	5.9	6.6
Implicit price deflator	–5.9	.1	–1.2	–2.9	4.9	5.9	5.9	6.6
Imports of services:								
Current dollars	8.4	9.5	6.0	8.2	16.2	11.8	3.3	11.0
Chain-type quantity index	10.8	6.9	1.6	11.9	8.9	3.6	3.4	8.3
Chain-type price index	–2.2	2.4	4.4	–3.3	6.7	8.0	–.2	2.5
Implicit price deflator	–2.2	2.4	4.4	–3.3	6.7	7.9	–.1	2.5
Government consumption expenditures and gross investment:								
Current dollars	3.3	6.6	4.2	9.1	4.3	8.0	13.0	4.5
Chain-type quantity index	1.7	3.7	2.9	5.1	1.3	4.5	9.3	–1.2
Chain-type price index	1.5	2.7	1.3	3.8	2.9	3.3	3.4	5.8
Implicit price deflator	1.5	2.7	1.3	3.8	2.9	3.3	3.4	5.8
Federal:								
Current dollars	.2	5.9	5.3	8.1	3.0	6.0	17.8	–8.9
Chain-type quantity index	–.9	2.8	3.9	–.5	2.1	4.1	14.7	–15.1
Chain-type price index	1.1	3.0	1.4	8.6	.9	1.8	2.7	7.3
Implicit price deflator	1.1	3.0	1.3	8.6	.9	1.8	2.7	7.3
National defense:								
Current dollars	–1.1	4.6	–2.0	3.3	–1.6	13.1	20.2	–17.4
Chain-type quantity index	–1.9	1.8	–2.9	–4.0	–2.6	11.2	17.2	–22.3
Chain-type price index	.8	2.7	1.0	7.6	1.0	1.8	2.5	6.4
Implicit price deflator	.8	2.7	1.0	7.6	1.0	1.8	2.5	6.4
Nondefense:								
Current dollars	2.6	8.4	20.3	17.2	11.7	–5.3	13.6	8.0
Chain-type quantity index	.9	4.7	17.9	6.1	10.9	–7.1	10.3	–.9
Chain-type price index	1.6	3.6	2.1	10.4	.7	1.8	3.1	9.0
Implicit price deflator	1.6	3.6	2.0	10.4	.7	1.9	3.0	9.0
State and local:								
Current dollars	5.1	6.9	3.7	9.7	4.9	9.1	10.5	12.4
Chain-type quantity index	3.2	4.2	2.4	8.2	.9	4.8	6.4	7.0
Chain-type price index	1.8	2.5	1.2	1.4	4.0	4.2	3.8	5.0
Implicit price deflator	1.8	2.6	1.2	1.4	4.0	4.2	3.8	5.0
Addenda:								
Final sales of domestic product:								
Current dollars	5.5	6.0	7.2	6.7	4.8	5.7	8.1	9.9
Chain-type quantity index	4.3	4.5	6.3	4.6	3.4	4.5	6.0	6.9
Chain-type price index	1.2	1.4	.8	2.1	1.4	1.1	2.0	2.7
Implicit price deflator	1.2	1.4	.8	2.1	1.4	1.2	2.0	2.7
Gross domestic purchases:								
Current dollars	6.2	6.7	6.6	7.5	5.2	8.1	9.6	9.7
Chain-type quantity index	5.4	5.1	5.5	5.8	3.2	6.2	7.2	6.4
Chain-type price index	.7	1.5	.9	1.6	1.9	1.7	2.3	3.2
Implicit price deflator	.7	1.5	1.1	1.6	1.9	1.7	2.3	3.2
Final sales to domestic purchasers:								
Current dollars	6.2	7.1	6.8	8.5	6.7	7.0	8.4	11.4
Chain-type quantity index	5.4	5.5	5.8	6.7	4.7	5.1	5.9	7.9
Chain-type price index	.8	1.5	.9	1.7	2.0	1.8	2.3	3.2
Implicit price deflator	.8	1.5	.9	1.7	2.0	1.8	2.3	3.2
Gross national product:								
Current dollars	5.4	5.6	7.4	5.8	3.3	6.8	8.4	7.9
Chain-type quantity index	4.1	4.0	6.3	3.8	1.9	5.6	6.4	5.1
Chain-type price index	1.2	1.4	.9	2.0	1.3	1.1	1.9	2.7
Implicit price deflator	1.2	1.5	1.0	2.0	1.4	1.1	1.9	2.7
Command-basis gross national product:								
Chain-type quantity index	4.5	3.9	6.3	4.1	1.4	5.0	6.1	4.7
Disposable personal income:								
Current dollars	5.1	5.6	6.0	5.6	5.5	4.8	7.3	5.5
Chained (1996) dollars	4.1	4.0	4.8	4.1	3.2	2.9	4.7	2.2
Final sales of computers [1]**:**								
Current dollars	10.7	6.3	–.3	–6.1	21.4	24.0	–6.6	48.6
Chain-type quantity index	53.9	44.1	44.4	31.6	44.2	53.2	15.4	78.9
Chain-type price index	–28.0	–27.2	–31.2	–28.6	–15.8	–19.0	–19.1	–16.9
Implicit price deflator	–28.0	–26.2	–30.9	–28.6	–15.8	–19.1	–19.1	–16.9
Gross domestic product less final sales of computers:								
Current dollars	5.5	5.7	7.1	5.8	3.1	6.6	9.5	7.8
Chain-type quantity index	3.9	3.8	5.6	3.4	1.5	5.2	7.2	4.8
Chain-type price index	1.6	1.8	1.2	2.4	1.5	1.3	2.2	2.9
Implicit price deflator	1.5	1.8	1.4	2.4	1.6	1.3	2.2	2.9
Gross domestic purchases less final sales of computers:								
Current dollars	6.1	6.7	6.6	7.4	4.9	8.0	9.7	9.6
Chain-type quantity index	4.9	4.6	4.9	5.3	2.6	5.8	7.0	5.9
Chain-type price index	1.2	1.9	1.5	2.0	2.2	2.1	2.6	3.4
Implicit price deflator	1.2	2.0	1.6	2.0	2.3	2.1	2.5	3.4

1. For some components of final sales of computers, includes computer parts.

NOTE.—Contributions to the percent change in real gross domestic product are shown in table 8.2.

Table 8.2.—Contributions to Percent Change in Real Gross Domestic Product

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Percent change at annual rate:								
Gross domestic product	**4.3**	**4.2**	**5.9**	**3.7**	**1.9**	**5.7**	**7.3**	**5.4**
Percentage points at annual rates:								
Personal consumption expenditures	**3.25**	**3.45**	**3.14**	**4.28**	**3.36**	**3.33**	**4.07**	**5.02**
Durable goods	.86	.81	1.51	.96	.71	.62	1.03	1.70
Motor vehicles and parts	.33	.19	.94	.13	.30	.10	.27	.86
Furniture and household equipment	.39	.44	.44	.55	.34	.39	.49	.55
Other	.13	.18	.13	.28	.08	.13	.27	.30
Nondurable goods	.79	1.05	.98	1.69	.64	.73	1.51	1.12
Food	.26	.40	.60	.20	.24	.26	1.08	.23
Clothing and shoes	.25	.23	.16	.83	.09	.21	–.14	.60
Gasoline, fuel oil, and other energy goods	.01	.04	–.05	.04	.04	.03	.07	–.18
Other	.27	.39	.27	.62	.28	.23	.50	.47
Services	1.59	1.59	.66	1.63	2.00	1.98	1.53	2.20
Housing	.24	.22	.21	.31	.23	.27	.28	.25
Household operation	.21	.16	–.37	.39	.21	.25	–.14	.24
Electricity and gas	.03	.04	–.49	.24	.05	.14	–.22	.11
Other household operation	.18	.11	.11	.15	.16	.11	.08	.12
Transportation	.10	.08	.07	.08	.10	.12	.07	.07
Medical care	.29	.27	.29	.17	.30	.43	.40	.36
Recreation	.12	.27	.12	.27	.31	.35	.19	.32
Other	.64	.59	.34	.42	.85	.56	.72	.96
Gross private domestic investment	**1.93**	**.99**	**1.94**	**.64**	**–.36**	**2.26**	**1.72**	**1.70**
Fixed investment	**1.86**	**.97**	**2.20**	**1.49**	**1.10**	**1.16**	**.48**	**3.13**
Nonresidential	1.49	.83	1.79	.95	.86	1.33	.39	2.90
Structures	.13	–.14	.18	–.18	–.16	–.11	–.01	.56
Equipment and software	1.37	.96	1.61	1.13	1.02	1.44	.40	2.35
Information processing equipment and software	.85	.82	.80	.80	1.09	.88	.54	1.36
Computers and peripheral equipment	.45	.33	.43	.33	.40	.40	.18	.39
Software [1]	.23	.20	.26	.16	.23	.21	.19	.29
Other	.17	.30	.12	.30	.46	.27	.17	.68
Industrial equipment	.08	.05	.01	–.17	.07	.16	.19	.25
Transportation equipment	.31	.11	.99	.23	.03	.55	–.32	.49
Other	.12	–.02	–.19	.28	–.17	–.14	0	.25
Residential	.37	.15	.41	.54	.24	–.17	.09	.23
Change in private inventories	**.07**	**.01**	**–.26**	**–.85**	**–1.46**	**1.09**	**1.24**	**–1.43**
Farm	–.02	–.19	.58	–.20	–.24	–.18	–.11	0
Nonfarm	.09	.20	–.84	–.64	–1.22	1.27	1.36	–1.43
Net exports of goods and services	**–1.18**	**–1.09**	**.33**	**–2.13**	**–1.35**	**–.73**	**–.12**	**–1.12**
Exports	**.25**	**.48**	**1.67**	**–.61**	**.42**	**1.19**	**1.08**	**.60**
Goods	.17	.37	1.38	–.74	.32	1.19	.83	.52
Services	.08	.10	.29	.13	.10	0	.24	.08
Imports	**–1.43**	**–1.57**	**–1.34**	**–1.53**	**–1.77**	**–1.92**	**–1.20**	**–1.72**
Goods	–1.21	–1.43	–1.30	–1.28	–1.59	–1.84	–1.12	–1.54
Services	–.22	–.14	–.04	–.24	–.19	–.08	–.08	–.18
Government consumption expenditures and gross investment	**.31**	**.80**	**.53**	**.88**	**.23**	**.81**	**1.61**	**–.20**
Federal	**–.06**	**.28**	**.24**	**–.03**	**.13**	**.26**	**.87**	**–1.00**
National defense	–.08	.19	–.12	–.16	–.10	.42	.65	–.99
Consumption expenditures	–.10	.12	0	–.19	–.21	.43	.50	–.88
Gross investment	.02	.07	–.11	.03	.11	0	.14	–.11
Nondefense	.02	.10	.36	.13	.23	–.16	.22	–.02
Consumption expenditures	–.03	.03	.30	.08	.06	–.10	.11	.09
Gross investment	.05	.07	.06	.06	.17	–.06	.11	–.11
State and local	**.37**	**.52**	**.29**	**.91**	**.10**	**.55**	**.75**	**.80**
Consumption expenditures	.31	.29	.30	.32	.32	.37	.33	.32
Gross investment	.06	.23	–.02	.59	–.22	.18	.41	.48
Addenda:								
Goods	2.26	2.09	4.26	1.11	.18	3.47	4.20	2.77
Services	1.56	1.89	1.22	1.66	1.96	2.37	2.64	1.49
Structures	.49	.17	.46	.90	–.26	–.17	.43	1.14
Motor vehicle output	.26	.11	1.94	–.87	.29	.87	.20	–.30
Final sales of computers [2]	.47	.33	.40	.29	.38	.47	.16	.65

1. Excludes software "embedded," or bundled, in computers and other equipment.
2. For some components of final sales of computers, includes computer parts.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6, 7.9, 7.11, and 7.17.

Table 8.3.—Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Percent change at annual rate:								
Personal consumption expenditures	**4.9**	**5.3**	**4.6**	**6.5**	**5.1**	**4.9**	**5.9**	**7.5**
Percentage points at annual rates:								
Durable goods	**1.29**	**1.22**	**2.24**	**1.45**	**1.07**	**.92**	**1.51**	**2.53**
Motor vehicles and parts	.50	.29	1.40	.20	.45	.15	.39	1.28
Furniture and household equipment	.59	.66	.66	.83	.51	.58	.72	.81
Other	.20	.28	.19	.42	.12	.19	.40	.44
Nondurable goods	**1.19**	**1.62**	**1.44**	**2.56**	**.98**	**1.07**	**2.21**	**1.68**
Food	.40	.62	.89	.32	.36	.38	1.58	.36
Clothing and shoes	.38	.35	.23	1.24	.14	.30	–.21	.89
Gasoline, fuel oil, and other energy goods	.01	.06	–.07	.06	.06	.04	.10	–.27
Gasoline and oil	.03	.04	–.04	–.03	.03	.05	.15	–.25
Fuel oil and coal	–.01	.02	–.03	.09	.03	–.01	–.05	–.02
Other	.40	.59	.39	.94	.42	.34	.73	.70
Services	**2.40**	**2.47**	**.95**	**2.50**	**3.03**	**2.90**	**2.21**	**3.30**
Housing	.36	.35	.30	.49	.35	.39	.41	.38
Household operation	.31	.24	–.56	.58	.32	.37	–.21	.35
Electricity and gas	.04	.07	–.73	.36	.07	.20	–.32	.17
Other household operation	.28	.18	.17	.22	.25	.16	.11	.18
Transportation	.15	.12	.11	.12	.15	.17	.11	.11
Medical care	.44	.43	.42	.27	.46	.63	.58	.54
Recreation	.18	.41	.18	.40	.47	.52	.27	.48
Other	.96	.91	.49	.64	1.28	.82	1.05	1.43
Addenda:								
Energy goods and services [1]	.05	.12	–.80	.42	.13	.24	–.22	–.10
Personal consumption expenditures less food and energy	4.43	4.57	4.55	5.78	4.58	4.26	4.57	7.25

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.4. The estimates in this table differ from those in table 8.2 because this table shows contributions to real personal consumption expenditures, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.4.—Contributions to Percent Change in Real Private Fixed Investment by Type

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Percent change at annual rate:								
Private fixed investment	**11.8**	**8.1**	**13.8**	**9.1**	**6.6**	**6.8**	**2.6**	**19.8**
Percentage points at annual rates:								
Nonresidential	**9.50**	**7.01**	**11.20**	**5.81**	**5.18**	**7.81**	**2.17**	**18.12**
Structures	**.81**	**–.37**	**1.20**	**–1.04**	**–.94**	**–.65**	**–.08**	**3.52**
Nonresidential buildings, including farm	.74	–.51	1.06	–.21	–1.52	–1.09	–.20	2.67
Utilities	.18	–.04	.25	–.15	–.03	.14	–.13	.43
Mining exploration, shafts, and wells	–.09	.17	–.20	–.62	.30	.53	.27	.33
Other structures	–.02	.01	.08	–.06	.31	–.22	–.02	.09
Equipment and software	**8.69**	**7.38**	**10.00**	**6.85**	**6.11**	**8.46**	**2.25**	**14.60**
Information processing equipment and software	5.42	5.78	4.99	4.82	6.44	5.14	3.11	8.39
Computers and peripheral equipment [1]	2.87	2.20	2.63	2.00	2.36	2.33	1.05	2.40
Software [2]	1.46	1.47	1.60	1.00	1.36	1.24	1.11	1.82
Other	1.09	2.12	.76	1.82	2.72	1.58	.95	4.17
Industrial equipment	.53	.62	.05	–1.00	.42	.92	1.10	1.58
Transportation equipment	1.96	1.05	6.03	1.37	.22	3.23	–1.91	3.07
Other	.78	–.07	–1.07	1.66	–.98	–.83	–.04	1.55
Residential	**2.34**	**1.05**	**2.62**	**3.25**	**1.44**	**–.98**	**.46**	**1.67**
Structures	**2.30**	**.99**	**2.59**	**3.16**	**1.39**	**–1.01**	**.44**	**1.60**
Single family	1.63	.34	1.65	1.89	–.01	–1.11	1.34	2.54
Multifamily	–.01	.04	–.02	.70	–.12	–.01	–.07	.38
Other structures	.69	.60	.96	.58	1.52	.11	–.83	–1.32
Equipment	**.04**	**.06**	**.04**	**.09**	**.06**	**.04**	**.02**	**.07**

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.6. The estimates in this table differ from those in table 8.2 because this table shows contributions to real private fixed investment, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.5.—Contributions to Percent Change in Real Exports and in Real Imports of Goods and Services by Type of Product

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Percent change at annual rate:								
Exports of goods and services	**2.2**	**3.8**	**16.3**	**–5.5**	**4.0**	**11.5**	**10.1**	**5.5**
Percentage points at annual rates:								
Exports of goods [1]	**1.47**	**2.99**	**13.36**	**–6.70**	**3.02**	**11.51**	**7.77**	**4.76**
Foods, feeds, and beverages	–.05	.03	2.29	–1.61	1.06	1.02	–.06	.18
Industrial supplies and materials	–.17	.79	1.42	–1.94	1.15	1.04	3.59	.06
Capital goods, except automotive	1.31	1.47	4.98	–2.78	–.45	9.00	1.76	2.23
Automotive vehicles, engines, and parts	–.10	.06	2.77	–1.39	1.46	.37	.25	1.46
Consumer goods, except automotive	.20	.37	–.39	.23	–.18	.63	1.19	1.44
Other	.28	.26	2.28	.79	–.02	–.56	1.05	–.60
Exports of services [1]	**.72**	**.77**	**2.91**	**1.23**	**.98**	**.02**	**2.30**	**.69**
Percent change at annual rate:								
Imports of goods and services	**11.6**	**11.7**	**10.8**	**12.5**	**14.4**	**14.9**	**8.7**	**12.7**
Percentage points at annual rates:								
Imports of goods [1]	**9.81**	**10.75**	**10.52**	**10.53**	**12.85**	**14.22**	**8.11**	**11.36**
Foods, feeds, and beverages	.28	.36	.07	.34	.78	.39	.11	–.14
Industrial supplies and materials, except petroleum and products	1.38	.54	–.70	.08	1.16	1.45	1.73	.81
Petroleum and products	.41	0	–1.17	.28	1.05	–.66	–1.92	2.10
Capital goods, except automotive	3.51	4.42	2.80	2.36	6.39	5.13	4.08	3.27
Automotive vehicles, engines, and parts	.88	2.03	5.94	3.52	1.12	3.63	.38	2.88
Consumer goods, except automotive	2.48	2.85	.69	2.99	1.82	3.53	3.48	2.70
Other	.86	.55	2.90	.96	.53	.75	.25	–.26
Imports of services [1]	**1.78**	**.97**	**.33**	**1.99**	**1.55**	**.70**	**.58**	**1.35**

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment were reclassified from goods to services.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.10. The estimates in this table differ from those in table 8.2 because this table shows contributions to real exports and to real imports, whereas table 8.2 shows contributions to real gross domestic product. Because imports are subtracted in the calculation of gross domestic product, the contributions of components of real imports have opposite signs in this table and in table 8.2.

Table 8.6.—Contributions to Percent Change in Real Government Consumption Expenditures and Gross Investment by Type

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Percent change at annual rate:								
Government consumption expenditures and gross investment [1]	**1.7**	**3.7**	**2.9**	**5.1**	**1.3**	**4.5**	**9.3**	**–1.2**
Percentage points at annual rates:								
Federal	**–.33**	**1.39**	**1.36**	**–.13**	**.74**	**1.45**	**4.95**	**–5.67**
National defense	**–.45**	**.89**	**–.67**	**–.90**	**–.59**	**2.38**	**3.68**	**–5.55**
Consumption expenditures	–.55	.53	–.01	–1.06	–1.21	2.40	2.87	–4.93
Durable goods [2]	.02	.02	–.10	–.26	.19	.33	–.11	–.04
Nondurable goods	.02	.02	–.18	–.09	.17	.44	–.42	.20
Services	–.60	.50	.27	–.71	–1.56	1.63	3.40	–5.09
Compensation of general government employees, except own-account investment [3]	–.28	–.28	–.47	–.32	–.13	.07	–.23	–.09
Consumption of general government fixed capital [4]	–.03	.01	0	0	.01	.03	.04	.03
Other services	–.29	.77	.74	–.40	–1.44	1.53	3.59	–5.03
Gross investment	.10	.36	–.66	.17	.62	–.03	.81	–.62
Structures	–.03	0	–.20	.06	–.03	–.05	.02	–.09
Equipment and software	.13	.36	–.46	.11	.65	.02	.80	–.53
Nondefense	**.12**	**.50**	**2.03**	**.77**	**1.33**	**–.93**	**1.27**	**–.12**
Consumption expenditures	–.15	.13	1.72	.45	.36	–.60	.64	.49
Durable goods [2]	–.09	.01	1.49	.04	.04	–.06	.03	.03
Nondurable goods	.02	.08	.07	.27	–.02	.08	0	.12
Services	–.08	.05	.16	.14	.34	–.62	.60	.34
Compensation of general government employees, except own-account investment [3]	.06	–.06	.38	.03	–.26	–.23	.28	.36
Consumption of general government fixed capital [4]	.12	.10	.12	.12	.12	.13	.13	.12
Other services	–.26	0	–.34	–.02	.49	–.51	.20	–.14
Gross investment	.27	.37	.32	.32	.97	–.33	.63	–.60
Structures	.08	–.04	–.06	.03	–.26	.13	–.01	–.19
Equipment and software	.19	.40	.37	.29	1.22	–.47	.64	–.41
State and local	**2.06**	**2.35**	**1.57**	**5.23**	**.57**	**3.09**	**4.30**	**4.45**
Consumption expenditures	1.75	1.14	1.68	1.83	1.84	2.07	1.95	1.74
Durable goods [2]	.08	.06	.07	.07	.07	.07	.07	.07
Nondurable goods	.41	.29	.34	.36	.36	.38	.40	.39
Services	1.26	.79	1.27	1.40	1.40	1.62	1.47	1.28
Compensation of general government employees, except own-account investment [3]	.50	.31	.71	.84	.83	1.10	.80	.60
Consumption of general government fixed capital [4]	.24	.20	.26	.26	.26	.27	.29	.27
Other services	.52	.28	.31	.29	.31	.25	.39	.40
Gross investment	.31	1.21	–.11	3.40	–1.26	1.02	2.35	2.70
Structures	–.07	.91	–.46	3.11	–1.57	.56	2.04	2.29
Equipment and software	.38	.30	.36	.29	.30	.46	.31	.42

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.
2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.
3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software.
4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

NOTE.—The quantity indexes on which the estimates in this table are based are shown in table 7.11. The estimates in this table differ from those in table 8.2 because this table shows contributions to real government consumption expenditures and gross investment, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.7.—Selected Per Capita Product and Income Series in Current and Chained Dollars

[Dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Current dollars:								
Gross domestic product	32,373	33,885	32,941	33,338	33,530	33,993	34,675	35,301
Gross national product	32,336	33,812	32,878	33,285	33,477	33,937	34,545	35,146
Personal income	27,195	28,525	27,725	28,037	28,348	28,632	29,077	29,458
Disposable personal income	23,231	24,307	23,628	23,904	24,171	24,389	24,759	25,044
Personal consumption expenditures	21,614	22,907	21,993	22,381	22,732	23,047	23,465	24,034
Durable goods	2,580	2,777	2,661	2,715	2,755	2,785	2,852	2,980
Nondurable goods	6,315	6,747	6,417	6,569	6,690	6,778	6,950	7,125
Services	12,718	13,383	12,915	13,096	13,287	13,483	13,662	13,930
Chained (1996) dollars:								
Gross domestic product	31,396	32,392	31,807	32,033	32,108	32,465	32,958	33,332
Gross national product	31,367	32,328	31,751	31,987	32,063	32,418	32,841	33,193
Disposable personal income	22,569	23,244	22,859	23,043	23,172	23,275	23,485	23,571
Personal consumption expenditures	20,998	21,905	21,277	21,574	21,792	21,994	22,257	22,621
Durable goods	2,703	2,986	2,820	2,898	2,955	3,002	3,088	3,242
Nondurable goods	6,228	6,502	6,305	6,429	6,466	6,505	6,608	6,686
Services	12,077	12,447	12,171	12,272	12,399	12,516	12,599	12,747
Population (mid-period, thousands)	270,595	273,161	271,623	272,145	272,778	273,518	274,204	274,714

Table 8.8B.—Motor Vehicle Output

[Billions of dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Motor vehicle output	**313.3**	**342.4**	**345.3**	**325.0**	**330.9**	**355.0**	**358.8**	**348.9**
Auto output	130.5	126.9	143.5	121.2	122.7	128.7	135.1	128.7
Truck output [1]	182.8	215.5	201.9	203.8	208.2	226.3	223.8	220.2
Final sales of domestic product	**312.3**	**331.9**	**329.0**	**319.3**	**329.3**	**339.2**	**339.7**	**351.9**
Personal consumption expenditures	**228.9**	**249.7**	**241.8**	**242.0**	**248.1**	**251.9**	**256.8**	**273.1**
New motor vehicles	173.3	189.4	181.5	181.8	188.3	190.1	197.6	213.4
Autos	90.6	100.6	94.3	95.4	100.6	99.7	106.7	111.3
Light trucks	82.7	88.8	87.2	86.3	87.6	90.4	90.9	102.2
Net purchases of used autos	55.5	60.2	60.3	60.2	59.8	61.8	59.1	59.7
Private fixed investment	**139.2**	**160.8**	**150.7**	**153.8**	**157.1**	**169.8**	**162.4**	**167.5**
New motor vehicles	175.4	199.4	187.6	190.8	196.4	210.6	200.0	206.8
Autos	76.7	79.3	79.2	76.3	80.5	82.8	77.5	81.7
Trucks	98.7	120.2	108.5	114.5	115.9	127.7	122.6	125.1
Light trucks	64.1	78.7	69.7	74.4	75.7	85.4	79.1	83.9
Other	34.7	41.5	38.8	40.1	40.2	42.3	43.4	41.2
Net purchases of used autos	–36.3	–38.7	–36.9	–37.0	–39.3	–40.7	–37.6	–39.3
Gross government investment	**11.9**	**12.9**	**12.9**	**11.7**	**10.9**	**13.2**	**15.7**	**13.1**
Autos	3.8	4.3	4.1	3.8	3.7	4.3	5.3	3.5
New trucks	8.1	8.6	8.8	8.0	7.2	8.9	10.4	9.6
Net exports	**–67.7**	**–91.5**	**–76.5**	**–88.3**	**–86.8**	**–95.7**	**–95.2**	**–101.8**
Exports	26.7	25.9	26.3	24.6	27.0	25.1	26.7	27.2
Autos	16.2	16.4	17.2	15.6	17.7	15.5	16.6	16.9
Trucks	10.5	9.5	9.2	9.0	9.3	9.6	10.1	10.3
Imports	94.3	117.3	102.8	112.9	113.8	120.8	121.9	129.0
Autos	79.4	96.7	86.8	94.1	92.0	100.2	100.8	108.0
Trucks	15.0	20.6	16.0	18.8	21.8	20.7	21.1	21.1
Change in private inventories	**1.0**	**10.5**	**16.3**	**5.7**	**1.6**	**15.8**	**19.1**	**–2.9**
Autos	**3.3**	**1.5**	**12.1**	**.9**	**–8.4**	**5.4**	**8.2**	**2.9**
New	2.6	1.3	11.9	.2	–6.1	4.1	7.1	1.1
Domestic	1.0	.2	9.5	.2	–7.7	3.5	4.8	0
Foreign	1.6	1.1	2.4	0	1.6	.6	2.3	1.1
Used	.7	.2	.1	.7	–2.3	1.3	1.1	1.8
New trucks	**–2.3**	**9.0**	**4.2**	**4.8**	**10.0**	**10.4**	**11.0**	**–5.9**
Domestic	–2.1	8.5	4.2	3.6	10.4	11.3	8.7	–5.7
Foreign	–.1	.5	0	1.2	–.4	–1.0	2.2	–.2
Addenda:								
Final sales of motor vehicles to domestic purchasers	379.9	423.4	405.5	407.6	416.1	434.9	434.9	453.7
Private fixed investment in new autos and new light trucks	140.8	157.9	148.8	150.7	156.2	168.3	156.6	165.6
Domestic output of new autos [2]	114.2	116.8	122.8	114.0	114.0	121.7	117.6	121.9
Sales of imported new autos [3]	71.2	81.3	76.7	74.7	79.8	80.9	89.8	88.7

1. Except for exports and imports, consists of new trucks only.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

Table 8.9B.—Real Motor Vehicle Output

[Billions of chained (1996) dollars]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I
Motor vehicle output	**315.7**	**345.2**	**348.6**	**329.0**	**335.7**	**355.8**	**360.3**	**352.9**
Auto output	132.3	129.9	147.2	125.1	127.4	129.8	137.3	132.9
Truck output [1]	183.4	214.8	201.4	203.4	207.8	225.4	222.5	219.5
Final sales of domestic product	**314.8**	**334.9**	**331.8**	**322.4**	**333.1**	**342.2**	**341.7**	**355.0**
Personal consumption expenditures	**230.9**	**251.5**	**244.3**	**245.2**	**251.3**	**252.8**	**256.5**	**274.6**
New motor vehicles	173.2	189.6	181.3	181.9	188.8	190.3	197.5	214.2
Autos	91.2	102.1	95.0	96.6	102.2	101.4	108.4	113.3
Light trucks	81.9	87.5	86.2	85.3	86.6	88.9	89.1	100.8
Net purchases of used autos	57.6	61.7	63.0	63.2	62.4	62.4	58.9	60.2
Private fixed investment	**139.0**	**160.3**	**150.1**	**152.3**	**156.0**	**170.0**	**163.1**	**167.5**
New motor vehicles	177.5	201.3	188.7	192.2	198.2	212.7	202.0	208.9
Autos	77.3	80.5	79.8	77.2	81.7	84.2	78.7	83.2
Trucks	100.3	120.9	109.0	115.0	116.6	128.5	123.3	125.7
Light trucks	66.1	81.0	71.2	76.3	77.9	88.1	81.8	86.8
Other	34.1	39.9	37.7	38.8	38.8	40.6	41.5	39.2
Net purchases of used autos	–38.4	–40.8	–38.5	–39.8	–42.1	–42.4	–38.7	–41.1
Gross government investment	**11.9**	**12.8**	**12.8**	**11.7**	**10.8**	**13.1**	**15.5**	**13.0**
Autos	3.6	4.1	4.0	3.7	3.5	4.1	5.1	3.4
New trucks	8.2	8.7	8.8	8.0	7.3	8.9	10.4	9.6
Net exports	**–66.9**	**–89.3**	**–75.3**	**–86.3**	**–84.7**	**–93.3**	**–93.0**	**–99.6**
Exports	26.1	25.0	25.7	23.9	26.2	24.3	25.6	26.0
Autos	16.0	16.0	16.9	15.3	17.4	15.2	16.2	16.4
Trucks	10.1	9.0	8.8	8.6	8.8	9.1	9.5	9.6
Imports	93.0	114.3	101.1	110.2	110.8	117.6	118.7	125.5
Autos	78.3	94.4	85.4	92.0	89.7	97.7	98.4	105.4
Trucks	14.7	19.9	15.6	18.2	21.2	19.9	20.3	20.2
Change in private inventories	**1.0**	**10.1**	**16.6**	**6.4**	**2.5**	**13.3**	**18.0**	**–2.2**
Autos	**3.4**	**1.2**	**12.9**	**1.7**	**–7.9**	**3.3**	**7.7**	**3.9**
New	2.6	1.0	12.6	1.0	–5.4	1.9	6.6	2.0
Domestic	1.1	–.1	10.4	1.0	–7.0	1.3	4.3	.9
Foreign	1.5	1.1	2.2	–.1	1.5	.7	2.3	1.0
Used	.8	.2	.1	.8	–2.5	1.3	1.1	1.9
New trucks	**–2.2**	**8.2**	**3.9**	**4.5**	**9.2**	**9.4**	**9.9**	**–5.4**
Domestic	–2.0	7.8	3.9	3.3	9.6	10.2	7.9	–5.2
Foreign	–.1	.5	0	1.1	–.4	–.9	2.0	–.2
Residual	–.3	.3	.1	–.1	.9	.3	.5	–1.3
Addenda:								
Final sales of motor vehicles to domestic purchasers	381.7	424.6	407.2	409.2	418.1	436.0	435.2	455.3
Private fixed investment in new autos and new light trucks	143.3	161.3	150.9	153.3	159.4	172.1	160.3	169.8
Domestic output of new autos [2]	114.6	117.7	123.8	115.4	115.9	121.3	118.2	123.9
Sales of imported new autos [3]	71.7	82.5	77.3	75.5	81.0	82.2	91.2	90.3

1. Except for exports and imports, consists of new trucks only.
2. Consists of final sales and change in private inventories of new autos assembled in the United States.
3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines, excluding the lines in the addenda.

Chain-type quantity indexes for the series in this table are shown in table 7.18B.

B. Other NIPA and NIPA-Related Tables

Monthly Estimates:

Tables B.1 and B.2 include the most recent estimates of personal income and its components; these estimates were released on May 26, 2000 and include "preliminary" estimates for April 2000 and "revised" estimates for January, February and March 2000.

Table B.1.—Personal Income

[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

	1998	1999	1999										2000			
			Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.r	Feb.r	Mar.r	Apr.p
Personal income	**7,358.9**	**7,791.8**	**7,655.3**	**7,692.7**	**7,721.8**	**7,783.3**	**7,806.0**	**7,840.0**	**7,848.1**	**7,943.4**	**7,976.8**	**7,998.6**	**8,054.0**	**8,084.7**	**8,138.9**	**8,196.0**
Wage and salary disbursements	4,186.0	4,472.3	4,385.8	4,410.4	4,432.1	4,455.4	4,491.4	4,508.2	4,528.5	4,556.7	4,569.5	4,600.5	4,640.9	4,654.4	4,684.0	4,727.3
Private industries	3,493.2	3,745.8	3,667.7	3,690.7	3,711.3	3,731.9	3,764.2	3,777.6	3,795.6	3,821.0	3,831.3	3,859.0	3,889.2	3,901.1	3,926.1	3,966.3
Goods-producing industries	1,038.7	1,082.4	1,064.4	1,070.2	1,074.8	1,080.4	1,089.8	1,087.3	1,093.6	1,101.4	1,100.3	1,102.5	1,115.3	1,119.8	1,127.1	1,137.5
Manufacturing	757.5	779.7	767.5	770.5	774.9	779.0	786.0	785.2	788.0	793.7	789.3	789.0	796.2	799.7	800.9	811.0
Distributive industries	944.6	1,005.8	987.8	993.4	996.4	1,003.1	1,009.8	1,013.1	1,017.3	1,018.8	1,021.1	1,037.4	1,042.7	1,039.7	1,046.0	1,055.1
Service industries	1,509.9	1,657.6	1,615.5	1,627.1	1,640.0	1,648.4	1,664.6	1,677.2	1,684.6	1,700.8	1,709.9	1,719.1	1,731.2	1,741.6	1,753.1	1,773.7
Government	692.8	726.5	718.1	719.8	720.8	723.5	727.2	730.7	732.9	735.7	738.3	741.5	751.7	753.2	757.9	761.0
Other labor income	515.7	535.8	529.8	531.3	533.0	534.8	536.7	538.6	540.3	541.9	543.7	545.4	548.3	550.4	552.9	555.2
Proprietors' income with IVA and CCAdj	606.1	658.5	640.9	648.4	646.6	670.8	653.7	657.8	650.6	684.2	694.8	675.9	677.5	682.0	696.6	703.5
Farm	25.1	31.3	30.1	30.1	27.3	45.0	23.5	21.4	18.0	44.9	46.1	21.8	21.9	22.3	26.9	28.8
Nonfarm	581.0	627.3	610.8	618.4	619.4	625.8	630.2	636.4	632.5	639.3	648.7	654.1	655.6	659.7	669.8	674.7
Rental income of persons with CCAdj	137.4	145.9	149.3	148.6	147.3	150.5	144.9	143.6	128.5	148.2	149.2	144.4	144.4	144.9	146.2	144.4
Personal dividend income	348.3	364.3	357.6	359.3	361.2	363.0	364.9	367.0	369.0	371.1	373.1	375.2	377.5	379.7	381.6	383.3
Personal interest income	897.8	931.3	909.6	914.3	921.0	926.2	932.4	938.8	945.3	952.2	958.6	964.6	968.9	972.2	976.5	980.2
Transfer payments to persons	983.6	1,018.2	1,012.0	1,011.3	1,013.0	1,016.4	1,017.8	1,022.6	1,023.6	1,028.3	1,027.8	1,034.4	1,043.0	1,048.5	1,049.9	1,053.5
Old-age, survivors, disability, and health insurance benefits	578.1	596.4	590.5	592.0	592.5	594.5	596.8	599.4	600.8	604.2	602.4	607.4	615.1	618.5	619.6	623.3
Government unemployment insurance benefits	19.8	20.3	20.7	20.4	20.1	20.4	20.2	20.4	20.1	19.8	20.3	20.4	20.1	20.6	20.0	19.8
Other	385.7	401.5	400.8	398.9	400.3	401.5	400.8	402.8	402.8	404.2	405.1	406.6	407.9	409.4	410.3	410.4
Less: Personal contributions for social insurance	315.9	334.6	329.6	331.1	332.3	333.7	335.7	336.6	337.8	339.3	339.9	341.8	346.5	347.3	348.9	351.5

p Preliminary.
r Revised.
CCAdj Capital consumption adjustment.
IVA Inventory valuation adjustment.
Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Table B.2. — The Disposition of Personal Income

[Monthly estimates seasonally adjusted at annual rates]

	1998	1999	1999										2000			
			Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.r	Feb.r	Mar.r	Apr.p
	Billions of dollars, unless otherwise indicated															
Personal income	**7,358.9**	**7,791.8**	**7,655.3**	**7,692.7**	**7,721.8**	**7,783.3**	**7,806.0**	**7,840.0**	**7,848.1**	**7,943.4**	**7,976.8**	**7,998.6**	**8,054.0**	**8,084.7**	**8,138.9**	**8,196.0**
Less: Personal tax and nontax payments	1,072.6	1,152.1	1,122.2	1,129.3	1,139.4	1,149.5	1,159.5	1,151.0	1,170.7	1,176.5	1,182.0	1,192.9	1,203.3	1,213.7	1,221.1	1,233.2
***Equals*: Disposable personal income**	**6,286.2**	**6,639.7**	**6,533.1**	**6,563.5**	**6,582.4**	**6,633.8**	**6,646.5**	**6,689.0**	**6,677.4**	**6,766.9**	**6,794.8**	**6,805.7**	**6,850.7**	**6,871.0**	**6,917.8**	**6,962.8**
Less: Personal outlays	6,056.6	6,483.3	6,365.4	6,390.6	6,425.6	6,459.6	6,485.7	6,537.7	6,571.0	6,606.9	6,659.3	6,732.7	6,778.2	6,849.9	6,889.6	6,914.4
Personal consumption expenditures	5,848.6	6,257.3	6,145.0	6,168.4	6,202.1	6,231.8	6,259.1	6,309.9	6,342.2	6,376.8	6,427.3	6,498.3	6,542.4	6,613.1	6,652.0	6,676.1
Durable goods	698.2	758.6	753.8	745.0	752.0	757.8	753.1	765.7	766.6	767.0	784.9	794.4	809.2	828.6	817.9	816.8
Nondurable goods	1,708.9	1,843.1	1,801.6	1,818.3	1,826.3	1,829.8	1,836.4	1,854.9	1,870.4	1,883.5	1,895.9	1,938.0	1,933.8	1,958.9	1,979.0	1,981.4
Services	3,441.5	3,655.6	3,589.6	3,605.1	3,623.8	3,644.1	3,669.5	3,689.2	3,705.1	3,726.3	3,746.5	3,765.9	3,799.3	3,825.6	3,855.2	3,877.9
Interest paid by persons	185.7	201.7	196.9	197.6	198.9	203.3	202.1	203.3	204.4	205.3	207.3	209.7	210.8	211.8	212.5	213.3
Personal transfer payments to the rest of the world (net)	22.3	24.3	23.5	24.6	24.6	24.6	24.5	24.5	24.5	24.7	24.7	24.7	25.0	25.0	25.0	25.0
***Equals*: Personal saving**	**229.7**	**156.3**	**167.8**	**172.9**	**156.8**	**174.2**	**160.8**	**151.4**	**106.4**	**160.0**	**135.5**	**73.0**	**72.5**	**21.1**	**28.2**	**48.4**
Addenda:																
Disposable personal income:																
Billions of chained (1996) dollars [1]	6,107.1	6,349.4	6,297.2	6,289.9	6,309.8	6,362.3	6,359.2	6,384.7	6,354.7	6,427.0	6,447.2	6,444.8	6,475.3	6,468.4	6,482.5	6,522.3
Per capita:																
Current dollars	23,231	24,307	23,989	24,082	24,131	24,299	24,323	24,455	24,390	24,696	24,780	24,802	24,951	25,013	25,167	25,314
Chained (1996) dollars	22,569	23,244	23,123	23,078	23,132	23,304	23,272	23,343	23,212	23,456	23,512	23,487	23,584	23,547	23,584	23,712
Population (thousands)	270,595	273,161	272,335	272,551	272,771	273,011	273,260	273,520	273,773	274,005	274,209	274,399	274,562	274,704	274,875	275,060
Personal consumption expenditures:																
Billions of chained (1996) dollars	5,681.8	5,983.6	5,923.0	5,911.4	5,945.2	5,976.7	5,988.6	6,022.9	6,035.7	6,056.5	6,098.5	6,153.7	6,183.9	6,225.6	6,233.5	6,253.7
Durable goods	731.5	815.7	808.6	796.6	806.4	815.3	810.8	826.0	826.9	828.9	849.3	862.0	879.2	901.9	890.7	889.7
Nondurable goods	1,685.3	1,776.1	1,763.6	1,755.4	1,765.1	1,770.5	1,771.9	1,782.6	1,783.3	1,792.4	1,805.8	1,837.8	1,831.7	1,839.4	1,839.1	1,844.8
Services	3,268.0	3,400.1	3,359.3	3,366.4	3,381.4	3,399.1	3,413.2	3,423.1	3,434.1	3,443.8	3,454.3	3,466.0	3,486.9	3,500.6	3,518.1	3,533.1
Implicit price deflator, 1996=100	102.93	104.58	103.75	104.35	104.32	104.27	104.52	104.77	105.08	105.29	105.39	105.60	105.80	106.22	106.71	106.75
Personal saving as percentage of disposable personal income [2]	3.7	2.4	2.6	2.6	2.4	2.6	2.4	2.3	1.6	2.4	2.0	1.1	1.1	0.3	0.4	0.7
	Percent change from preceding period, monthly changes at monthly rates															
Personal income, current dollars	**5.9**	**5.9**	**0.2**	**0.5**	**0.4**	**0.8**	**0.3**	**0.4**	**0.1**	**1.2**	**0.4**	**0.3**	**0.7**	**0.4**	**0.7**	**0.7**
Disposable personal income:																
Current dollars	5.1	5.6	.4	.5	.3	.8	.2	.6	–.2	1.3	.4	.2	.7	.3	.7	.7
Chained (1996) dollars	4.1	4.0	.4	–.1	.3	.8	0	.4	–.5	1.1	.3	0	.5	–.1	.2	.6
Personal consumption expenditures:																
Current dollars	5.9	7.0	.9	.4	.5	.5	.4	.8	.5	.5	.8	1.1	.7	1.1	.6	.4
Chained (1996) dollars	4.9	5.3	.9	–.2	.6	.5	.2	.6	.2	.3	.7	.9	.5	.7	.1	.3

p Preliminary.
r Revised.
1. Disposable personal income in chained (1996) dollars equals the current-dollar figure divided by the implicit price deflator for personal consumption expenditures.
2. Monthly estimates equal personal saving for the month as a percentage of disposable personal income for that month.
Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Annual Estimates:

Except as noted, these tables are derived from the NIPA tables published in the April 2000 SURVEY OF CURRENT BUSINESS; they are consistent with the 1999 comprehensive revision.

"Table B.3.—Gross Domestic Product by Industry, Current-Dollar and Real Estimates" is not published in this issue. The table will be published when the estimates of gross domestic product by industry are revised to incorporate the results of the most recent comprehensive revision of the NIPA's. An article presenting the revised estimates of gross domestic product by industry is scheduled to be published in the June 2000 SURVEY.

Table B.4.—Personal Consumption Expenditures by Type of Expenditure

	Billions of dollars			Billions of chained (1996) dollars		
	1996	1997	1998	1996	1997	1998
Personal consumption expenditures	**5,237.5**	**5,524.4**	**5,848.6**	**5,237.5**	**5,417.3**	**5,681.8**
Food and tobacco	**834.1**	**866.3**	**907.4**	**834.1**	**846.2**	**866.2**
Food purchased for off-premise consumption (n.d.)	476.7	489.5	509.4	476.7	480.5	494.0
Purchased meals and beverages [1] (n.d.)	300.5	318.5	334.7	300.5	309.8	317.6
Food furnished to employees (including military) (n.d.)	8.2	8.5	8.8	8.2	8.3	8.4
Food produced and consumed on farms (n.d.)	.5	.5	.5	.5	.5	.5
Tobacco products (n.d.)	48.2	49.3	54.0	48.2	47.1	45.8
Addenda: Food excluding alcoholic beverages (n.d.)	689.1	715.2	745.2	689.1	699.7	716.5
Alcoholic beverages purchased for off-premise consumption (n.d.)	56.1	58.3	61.3	56.1	57.4	60.0
Other alcoholic beverages (n.d.)	40.7	43.5	46.9	40.7	42.0	44.1
Clothing, accessories, and jewelry	**333.3**	**348.2**	**367.9**	**333.3**	**348.8**	**375.8**
Shoes (n.d.)	38.8	40.0	41.6	38.8	40.1	42.0
Clothing and accessories except shoes [2]	219.5	230.9	244.4	219.5	230.7	249.8
Women's and children's (n.d.)	140.8	147.7	155.6	140.8	148.0	160.6
Men's and boys' (n.d.)	78.6	83.2	88.8	78.6	82.7	89.2
Standard clothing issued to military personnel (n.d)	.3	.3	.3	.3	.3	.3
Cleaning, storage, and repair of clothing and shoes (s.)	12.7	13.5	13.4	12.7	13.2	12.9
Jewelry and watches (d.)	40.3	41.2	44.2	40.3	42.8	47.7
Other [3] (s.)	21.7	22.3	24.0	21.7	21.8	23.2
Personal care	**71.6**	**76.1**	**80.5**	**71.6**	**75.1**	**78.2**
Toilet articles and preparations (n.d.)	48.0	50.6	53.8	48.0	50.5	52.9
Barbershops, beauty parlors, and health clubs (s.)	23.5	25.5	26.8	23.5	24.6	25.4
Housing	**772.5**	**809.8**	**855.9**	**772.6**	**786.5**	**805.6**
Owner-occupied nonfarm dwellingsspace rent [4] (s.)	555.4	585.5	622.6	555.4	569.0	586.6
Tenant-occupied nonfarm dwellingsrent [5] (s.)	180.6	186.0	193.6	180.6	180.9	182.6
Rental value of farm dwellings (s.)	6.2	6.4	6.6	6.2	6.0	5.9
Other [6] (s.)	30.2	31.9	33.1	30.2	30.6	30.5
Household operation	**589.2**	**617.5**	**646.5**	**589.2**	**611.2**	**643.7**
Furniture, including mattresses and bedsprings (d.)	50.9	54.1	57.0	50.9	54.2	57.2
Kitchen and other household appliances [7] (d.)	30.0	30.9	32.3	30.0	31.0	32.9
China, glassware, tableware and utensils (d.)	25.4	27.1	29.2	25.4	27.3	28.9
Other durable house furnishings [8] (d.)	50.5	53.4	57.6	50.5	53.1	57.1
Semidurable house furnishings [9] (n.d.)	31.0	32.6	34.6	31.0	33.3	36.2
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n.d)	49.8	51.5	54.3	49.8	51.0	52.9
Stationery and writing supplies (n.d.)	18.8	20.0	21.3	18.8	19.1	19.9
Household utilities	185.0	188.6	186.8	185.0	184.6	187.1
Electricity (s.)	93.3	93.8	95.9	93.3	93.3	99.3
Gas (s.)	35.5	36.6	32.2	35.5	34.2	30.7
Water and other sanitary services (s.)	40.7	43.0	45.4	40.7	42.0	42.9
Fuel oil and coal (n.d.)	15.6	15.2	13.2	15.6	15.1	14.5
Telephone and telegraph (s.)	97.1	103.9	113.1	97.1	103.7	114.6
Domestic service (s.)	13.6	13.8	16.0	13.6	13.5	15.2
Other [10] (s.)	37.1	41.6	44.2	37.1	40.4	42.1
Medical care	**932.3**	**977.6**	**1,032.3**	**932.3**	**956.6**	**987.4**
Drug preparations and sundries [11] (n.d.)	100.3	108.1	116.8	100.3	106.5	112.6
Ophthalmic products and orthopedic appliances (d.)	17.6	19.4	21.2	17.6	19.1	20.5
Physicians (s.)	199.1	206.9	219.6	199.1	204.1	212.2
Dentists (s.)	48.4	52.0	54.8	48.4	49.7	50.2
Other professional services [12] (s.)	119.7	125.1	131.8	119.7	120.4	123.8
Hospitals and nursing homes [13]	390.8	408.5	428.4	390.8	400.8	410.4
Hospitals	327.6	341.9	357.1	327.6	336.5	344.3
Nonprofit (s.)	213.5	221.3	230.6	213.5	216.9	219.8
Proprietary (s.)	38.7	41.6	43.3	38.7	41.3	42.7
Government (s.)	75.4	79.0	83.2	75.4	78.3	81.9
Nursing homes (s.)	63.2	66.7	71.3	63.2	64.3	66.2
Health insurance	56.6	57.6	59.8	56.6	56.0	57.9
Medical care and hospitalization [14] (s.)	45.3	46.9	49.7	45.3	45.0	46.3
Income loss [15] (s.)	1.0	1.2	1.4	1.0	1.0	1.1
Workers' compensation [16] (s.)	10.3	9.6	8.7	10.3	10.0	10.5
Personal business	**435.1**	**488.3**	**528.6**	**435.1**	**460.8**	**488.5**
Brokerage charges and investment counseling (s.)	43.2	50.9	59.2	43.2	51.1	60.9
Bank service charges, trust services, and safe deposit box rental (s.)	42.9	47.9	55.7	42.9	45.7	51.7
Services furnished without payment by financial intermediaries except life insurance carriers (s.)	177.0	203.3	218.4	177.0	186.3	198.2
Expense of handling life insurance and pension plans [17] (s.)	81.3	89.0	91.3	81.3	84.5	82.4
Legal services (s.)	51.5	55.0	58.5	51.5	52.9	53.8
Funeral and burial expenses (s.)	14.5	15.3	16.0	14.5	14.6	14.7
Other [18] (s.)	24.8	26.9	29.5	24.8	26.0	27.6
Transportation	**594.6**	**623.7**	**647.4**	**594.6**	**616.4**	**653.8**
User-operated transportation	550.2	575.6	598.0	550.2	570.3	606.1
New autos (d.)	81.9	82.8	90.6	81.9	82.7	91.2
Net purchases of used autos (d.)	51.4	53.4	55.5	51.4	54.8	57.6
Other motor vehicles (d.)	84.3	87.2	101.4	84.3	86.4	100.6
Tires, tubes, accessories, and other parts (d.)	38.7	39.7	41.7	38.7	39.9	42.3
Repair, greasing, washing, parking, storage, rental, and leasing (s.)	134.2	145.9	153.8	134.2	143.9	149.0
Gasoline and oil (n.d.)	124.2	126.2	112.9	124.2	126.2	127.7
Bridge, tunnel, ferry, and road tolls (s.)	3.7	4.0	4.4	3.7	3.9	3.9
Insurance [19] (s.)	31.8	36.3	37.8	31.8	32.5	33.6
Purchased local transportation	11.2	11.8	12.1	11.2	11.6	12.0
Mass transit systems (s.)	7.7	8.1	8.4	7.7	8.0	8.3
Taxicab (s.)	3.5	3.7	3.7	3.5	3.6	3.7
Purchased intercity transportation	33.3	36.3	37.2	33.3	34.5	35.7
Railway (s.)	.6	.7	.7	.6	.7	.7
Bus (s.)	1.8	1.8	2.0	1.8	1.8	1.8
Airline (s.)	26.2	29.0	29.5	26.2	27.4	28.3
Other [20] (s.)	4.7	4.7	5.1	4.7	4.6	4.9
Recreation	**429.6**	**457.8**	**494.7**	**429.6**	**464.6**	**512.2**
Books and maps (d.)	24.9	26.6	27.8	24.9	26.3	26.8
Magazines, newspapers and sheet music (n.d.)	27.6	29.5	31.9	27.6	29.2	30.9
Nondurable toys and sport supplies (n.d.)	50.6	53.7	57.7	50.6	54.2	61.1
Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.)	40.5	43.2	47.1	40.5	43.4	47.9
Video and audio goods, including musical instruments, and computer goods (d.)	80.0	84.0	92.6	80.0	97.0	124.5
Video and audio goods, including musical instruments (d.)	56.4	57.8	62.2	56.4	60.3	68.2
Computers, peripherals, and software (d.)	23.6	26.2	30.4	23.6	38.1	63.9
Radio and television repair (s.)	3.7	3.9	3.9	3.7	3.8	3.8
Flowers, seeds, and potted plants (n.d.)	14.9	15.6	16.5	14.9	16.1	16.8
Admissions to specified spectator amusements	20.7	22.2	23.8	20.7	21.6	22.6
Motion picture theaters (s.)	5.8	6.4	6.8	5.8	6.2	6.5
Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.)	8.0	8.7	9.4	8.0	8.4	8.9
Spectator sports [21] (s.)	6.9	7.1	7.6	6.9	6.9	7.2
Clubs and fraternal organizations [22] (s.)	14.0	14.4	14.9	14.0	14.1	14.1
Commercial participant amusements [23] (s.)	48.3	52.3	56.2	48.3	51.1	53.8
Pari-mutuel net receipts (s.)	3.5	3.6	3.7	3.5	3.5	3.5
Other [24] (s.)	100.8	109.0	118.6	100.8	105.1	110.8
Education and research	**122.3**	**130.7**	**139.2**	**122.3**	**126.1**	**130.1**
Higher education [25] (s.)	66.1	69.2	71.8	66.1	66.7	66.7
Nursery, elementary, and secondary schools [26] (s.)	27.4	29.0	30.1	27.4	28.1	28.3
Other [27] (s.)	28.8	32.4	37.3	28.8	31.4	35.2
Religious and welfare activities [28] (s.)	**146.8**	**150.3**	**163.5**	**146.8**	**145.9**	**154.7**
Foreign travel and other, net	**–24.1**	**–21.8**	**–15.3**	**–24.1**	**–20.7**	**–11.8**
Foreign travel by U.S. residents [29] (s.)	57.6	63.4	68.2	57.6	62.3	68.5
Expenditures abroad by U.S. residents (n.d.)	2.2	2.9	3.7	2.2	3.3	4.1
Less: Expenditures in the United States by nonresidents [30] (s.)	82.4	86.5	85.4	82.4	84.7	82.7
Less: Personal remittances in kind to nonresidents (n.d.)	1.5	1.6	1.6	1.5	1.6	1.6
Residual	.....	.....	.....	.1	–2.8	–16.8

1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunchrooms. Includes meals and beverages consumed both on- and off-premise.
2. Includes luggage.
3. Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal services.
4. Consists of rent for space and for heating and plumbing facilities, water heaters, lighting fixtures, kitchen cabinets, linoleum, storm windows and doors, window screens, and screen doors, but excludes rent for appliances and furniture and purchases of fuel and electricity.
5. Consists of space rent (see footnote 4) and rent for appliances, furnishings, and furniture.
6. Consists of transient hotels, motels, clubs, schools, and other group housing.
7. Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners, sewing machines, vacuum cleaners, and other appliances.
8. Includes such house furnishings as floor coverings, comforters, quilts, blankets, pillows, picture frames, mirrors, art products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.
9. Consists largely of textile house furnishings, including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes.
10. Consists of maintenance services for appliances and house furnishings, moving and warehouse expenses, postage and express charges, premiums for fire and theft insurance on personal property less benefits and dividends, and miscellaneous household operation services.
11. Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services.
12. Consists of osteopathic physicians, chiropractors, private duty nurses, chiropodists, podiatrists, and others providing health and allied services, not elsewhere classified.
13. Consists of (1) current expenditures (including consumption of fixed capital) of nonprofit hospitals and nursing homes, and (2) payments by patients to proprietary and government hospitals and nursing homes.
14. Consists of (1) premiums, less benefits and dividends, for health, hospitalization, and accidental death and dismemberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including consumption of fixed capital) of nonprofit and self-insured health plans.
15. Consists of premiums, less benefits and dividends, for income loss insurance.
16. Consists of premiums, less benefits and dividends, for privately administered workers' compensation.
17. Consists of (1) operating expenses of commercial life insurance carriers, (2) administrative expenses of private noninsured pension plans and publicly administered government employee retirement plans, and (3) premiums, less benefits and dividends, of fraternal benefit societies. For commercial life insurance carriers, excludes expenses for accident and health insurance and includes profits of stock companies and services furnished without payment by banks, credit agencies, and investment companies. For pension and retirement plans, excludes services furnished without payment by banks, credit agencies, and investment companies.
18. Consists of current expenditures (including consumption of fixed capital) of trade unions and professional associations, employment agency fees, money order fees, spending for classified advertisements, tax return preparation services, and other personal business services.
19. Consists of premiums, less benefits and dividends, for motor vehicle insurance.
20. Consists of baggage charges, coastal and inland waterway fares, travel agents' fees, and airport bus fares.
21. Consists of admissions to professional and amateur athletic events and to racetracks.
22. Consists of dues and fees excluding insurance premiums.
23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations; casino gambling; and other commercial participant amusements.
24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.
25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and less expenditures for research and development financed under contracts or grants. For government institutions, equals student payments of tuition.
26. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.
27. Consists of (1) fees paid to commercial, business, trade, and correspondence schools and for educational services, not elsewhere classified, and (2) current expenditures (including consumption of fixed capital) by research organizations and foundations for education and research.
28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are net of receipts such as those from meals, rooms, and entertainments accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.
29. Beginning with 1981, includes U.S. students' expenditures abroad; these expenditures were $0.3 billion in 1981.
30. Beginning with 1981, includes nonresidents' student and medical care expenditures in the United States; student expenditures were $2.2 billion and medical expenditures were $0.4 billion in 1981.

NOTE.—Consumer durable goods are designated (d.), nondurable goods (n.d.), and services (s.).

Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table B.5.—Private Fixed Investment in Structures by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1996	1997	1998	1996	1997	1998
Private fixed investment in structures	**530.6**	**575.4**	**633.2**	**530.6**	**556.8**	**595.8**
Nonresidential	**225.0**	**254.1**	**272.8**	**225.0**	**244.0**	**254.1**
New	224.6	252.9	272.6	224.6	242.8	253.9
Nonresidential buildings, excluding farm	158.0	177.1	193.1	158.0	171.6	180.9
Industrial	32.7	31.4	32.3	32.7	30.4	30.2
Commercial	78.7	89.7	100.0	78.7	86.9	93.8
Office buildings [1]	32.4	39.9	48.3	32.4	38.7	45.3
Other [2]	46.3	49.8	51.7	46.3	48.2	48.5
Religious	4.4	5.6	6.5	4.4	5.4	6.1
Educational	7.7	9.8	10.8	7.7	9.5	10.2
Hospital and institutional	13.1	15.1	15.2	13.1	14.6	14.3
Other [3]	21.4	25.5	28.2	21.4	24.7	26.4
Utilities	36.0	36.5	39.2	36.0	35.7	38.0
Railroads	4.4	4.9	5.3	4.4	4.8	5.1
Telecommunications	11.7	12.6	14.3	11.7	12.4	14.1
Electric light and power	11.3	11.3	11.7	11.3	11.1	11.2
Gas	7.6	6.6	6.6	7.6	6.5	6.3
Petroleum pipelines	1.0	1.0	1.3	1.0	.9	1.2
Farm	3.7	3.8	3.9	3.7	3.7	3.6
Mining exploration, shafts, and wells	21.1	30.0	30.0	21.1	26.4	25.4
Petroleum and natural gas	19.4	28.3	28.0	19.4	24.7	23.5
Other	1.7	1.7	2.0	1.7	1.6	1.9
Other [4]	5.8	5.5	6.4	5.8	5.3	6.0
Brokers' commissions on sale of structures	1.8	2.0	2.2	1.8	2.0	2.1
Net purchases of used structures	–1.4	–.8	–2.0	–1.4	–.8	–1.9
Residential	**305.6**	**321.3**	**360.4**	**305.6**	**312.7**	**341.8**
New	269.8	282.1	314.4	269.8	273.8	297.5
New housing units	192.2	200.8	229.1	192.2	194.9	216.7
Permanent site	179.4	187.3	213.9	179.4	181.7	202.0
Single-family structures	159.1	164.4	189.5	159.1	159.8	180.3
Multifamily structures	20.3	22.9	24.5	20.3	21.9	21.8
Manufactured homes	12.8	13.5	15.2	12.8	13.3	14.7
Improvements	77.0	80.5	84.4	77.0	78.1	79.9
Other [5]	.6	.8	.9	.6	.8	.9
Brokers' commissions on sale of structures	37.5	41.7	49.0	37.5	41.4	47.3
Net purchases of used structures	–1.7	–2.5	–3.0	–1.7	–2.4	–2.9
Residual	.....	.....	.....	0	.2	–.3

1. Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.
2. Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.
3. Consists of hotels and motels, buildings used primarily for social and recreational activities, and buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
4. Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.
5. Consists primarily of dormitories and of fraternity and sorority houses.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table B.6.—Private Fixed Investment in Equipment and Software by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1996	1997	1998	1996	1997	1998
Private fixed investment in equipment and software	**682.1**	**739.9**	**826.8**	**682.1**	**759.7**	**879.0**
Nonresidential equipment and software	**674.4**	**732.1**	**818.5**	**674.4**	**751.9**	**870.6**
Information processing equipment and software	287.3	315.4	356.9	287.3	339.4	418.5
Computers and peripheral equipment [1]	70.9	76.7	88.5	70.9	99.0	154.2
Software [2]	95.1	106.6	123.4	95.1	109.4	129.2
Communication equipment	65.6	73.0	83.6	65.6	73.8	85.9
Instruments	33.3	35.0	36.3	33.3	34.8	36.1
Photocopy and related equipment	14.7	15.8	15.2	14.7	15.7	15.4
Office and accounting equipment	7.8	8.3	9.8	7.8	8.4	9.8
Industrial equipment	136.4	142.3	150.2	136.4	141.3	148.1
Fabricated metal products	13.4	13.2	14.0	13.4	13.1	13.9
Engines and turbines	4.3	3.5	4.3	4.3	3.5	4.2
Metalworking machinery	31.7	35.0	36.4	31.7	34.9	36.0
Special industry machinery, n.e.c.	34.6	35.2	35.7	34.6	34.9	35.0
General industrial, including materials handling, equipment	31.6	33.5	36.8	31.6	33.1	36.1
Electrical transmission, distribution, and industrial apparatus	20.9	21.9	23.0	20.9	21.9	23.0
Transportation equipment	138.9	150.9	176.0	138.9	149.6	175.3
Trucks, buses, and truck trailers	77.9	87.0	97.0	77.9	87.4	98.5
Autos	41.3	41.7	40.5	41.3	40.2	39.0
Aircraft	12.2	14.4	28.0	12.2	14.2	27.5
Ships and boats	2.2	2.2	3.0	2.2	2.2	2.9
Railroad equipment	5.4	5.6	7.5	5.4	5.7	7.6
Other equipment	116.5	128.0	140.5	116.4	126.7	137.9
Furniture and fixtures	27.6	31.2	33.7	27.6	30.7	33.0
Tractors	10.6	11.4	12.1	10.6	11.4	12.0
Agricultural machinery, except tractors	11.4	12.2	12.9	11.4	12.1	12.6
Construction machinery, except tractors	17.3	19.6	22.4	17.3	19.2	21.6
Mining and oilfield machinery	2.8	3.1	4.6	2.8	3.0	4.5
Service industry machinery	14.2	14.4	15.7	14.2	14.2	15.3
Electrical equipment, n.e.c.	10.6	11.6	12.8	10.6	11.8	13.1
Other	21.9	24.5	26.2	21.9	24.3	25.8
Less: Sale of equipment scrap, excluding autos	4.6	4.5	4.9	4.6	4.4	5.7
Residential equipment	**7.7**	**7.9**	**8.3**	**7.7**	**7.9**	**8.4**
Residual	.....	.....	.....	–.3	–2.7	–15.9
Addenda:						
Private fixed investment in equipment and software	682.1	739.9	826.8	.....	.....	.....
Less: Dealers' margin on used equipment	7.0	7.4	8.3	.....	.....	.....
Net purchases of used equipment from government	.8	.9	.9	.....	.....	.....
Plus: Net sales of used equipment	38.4	38.9	40.7	.....	.....	.....
Net exports of used equipment	.4	.4	.7	.....	.....	.....
Sale of equipment scrap	4.7	4.6	5.0	.....	.....	.....
Equals: Private fixed investment in new equipment and software	717.7	775.7	864.2	.....	.....	.....

1. Includes new computers and peripheral equipment only.
2. Excludes software "embedded," or bundled, in computers and other equipment.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.
n.e.c. Not elsewhere classified.

Table B.7.—Compensation and Wage and Salary Accruals by Industry

[Millions of dollars]

	Compensation			Wage and salary accruals		
	1996	1997	1998	1996	1997	1998
Total	**4,395,585**	**4,675,738**	**5,011,190**	**3,630,142**	**3,884,713**	**4,189,515**
Domestic industries	**4,400,135**	**4,680,700**	**5,016,446**	**3,634,692**	**3,889,675**	**4,194,771**
Private industries	**3,550,510**	**3,803,231**	**4,106,570**	**2,993,688**	**3,225,229**	**3,501,946**
Agriculture, forestry, and fishing	**39,815**	**42,742**	**46,353**	**34,570**	**37,392**	**40,880**
Farms	16,576	17,470	18,580	14,184	15,048	16,223
Agricultural services, forestry, and fishing	23,239	25,272	27,773	20,386	22,344	24,657
Mining	**33,365**	**35,490**	**36,283**	**27,796**	**29,702**	**30,482**
Metal mining	3,202	3,247	3,064	2,619	2,672	2,522
Coal mining	5,736	5,689	5,573	4,728	4,714	4,628
Oil and gas extraction	19,670	21,519	22,295	16,495	18,106	18,838
Nonmetallic minerals, except fuels	4,757	5,035	5,351	3,954	4,210	4,494
Construction	**208,199**	**227,184**	**248,958**	**172,199**	**189,379**	**209,700**
Manufacturing	**822,405**	**867,598**	**914,904**	**675,087**	**715,009**	**757,707**
Durable goods	508,042	540,144	573,894	416,305	443,950	474,133
Lumber and wood products	24,805	26,172	27,697	20,448	21,739	23,098
Furniture and fixtures	15,682	16,664	18,138	12,956	13,848	15,156
Stone, clay, and glass products	22,820	23,737	25,161	18,556	19,425	20,695
Primary metal industries	35,852	36,839	37,826	28,662	29,633	30,544
Fabricated metal products	59,626	62,803	65,925	48,438	51,361	54,184
Industrial machinery and equipment	103,632	112,597	120,168	86,419	94,488	101,317
Electronic and other electric equipment	80,905	86,864	93,350	66,305	71,668	77,424
Motor vehicles and equipment	58,037	61,731	65,081	46,773	48,427	51,389
Other transportation equipment	45,627	48,930	52,687	37,099	40,133	43,459
Instruments and related products	47,211	49,279	52,549	39,455	41,388	44,327
Miscellaneous manufacturing industries	13,845	14,528	15,312	11,194	11,840	12,540
Nondurable goods	314,363	327,454	341,010	258,782	271,059	283,574
Food and kindred products	61,472	63,596	66,368	50,558	52,652	55,218
Tobacco products	2,900	3,095	2,951	2,199	2,378	2,246
Textile mill products	18,623	19,176	19,171	15,612	16,142	16,196
Apparel and other textile products	20,195	20,050	19,722	16,778	16,751	16,524
Paper and allied products	32,978	33,860	34,511	27,566	28,427	29,087
Printing and publishing	61,849	65,098	68,925	51,835	54,831	58,353
Chemicals and allied products	67,418	71,262	75,339	54,422	57,851	61,478
Petroleum and coal products	9,721	10,109	10,757	7,754	8,105	8,669
Rubber and miscellaneous plastics products	36,524	38,530	40,638	29,817	31,672	33,590
Leather and leather products	2,683	2,678	2,628	2,241	2,250	2,213
Transportation and public utilities	**285,015**	**301,589**	**322,383**	**231,564**	**246,898**	**265,657**
Transportation	156,530	165,395	176,377	125,584	133,829	143,696
Railroad transportation	15,652	15,888	15,851	11,543	11,753	11,546
Local and interurban passenger transit	10,053	10,520	11,211	8,366	8,857	9,496
Trucking and warehousing [1]	58,494	62,333	66,698	47,074	50,678	54,671
Water transportation	7,873	8,358	8,797	6,463	6,912	7,325
Transportation by air [1]	48,637	51,162	55,213	38,839	41,143	44,826
Pipelines, except natural gas	971	995	997	816	839	847
Transportation services	14,850	16,139	17,610	12,483	13,647	14,985
Communications	75,252	81,897	90,050	62,060	68,038	75,333
Telephone and telegraph	56,822	62,125	67,911	46,612	51,332	56,507
Radio and television	18,430	19,772	22,139	15,448	16,706	18,826
Electric, gas, and sanitary services	53,233	54,297	55,956	43,920	45,031	46,628
Wholesale trade	**288,768**	**310,227**	**335,441**	**246,699**	**265,850**	**288,598**
Retail trade	**398,276**	**420,173**	**446,621**	**345,115**	**365,733**	**390,983**
Finance, insurance, and real estate	**351,798**	**381,762**	**425,875**	**300,446**	**327,406**	**366,882**
Depository institutions	82,740	87,268	93,358	69,505	73,602	79,042
Nondepository institutions	25,330	30,143	38,764	21,267	25,501	33,035
Security and commodity brokers	72,063	80,219	92,271	64,026	71,282	82,344
Insurance carriers	75,441	79,756	86,740	63,367	67,301	73,464
Insurance agents, brokers, and service	32,424	35,006	36,994	28,034	30,389	32,181
Real estate	44,526	48,461	54,353	37,978	41,581	46,846
Holding and other investment offices	19,274	20,909	23,395	16,269	17,750	19,970
Services	**1,122,869**	**1,216,466**	**1,329,752**	**960,212**	**1,047,860**	**1,151,057**
Hotels and other lodging places	38,117	40,284	43,504	32,321	34,524	37,426
Personal services	24,167	25,355	26,886	21,244	22,442	23,848
Business services	220,399	255,822	300,529	190,630	223,151	263,626
Auto repair, services, and parking	30,089	32,082	34,339	26,211	28,128	30,180
Miscellaneous repair services	12,050	12,460	13,337	10,443	10,877	11,672
Motion pictures	17,976	20,225	21,723	15,599	17,739	19,069
Amusement and recreation services	36,934	39,947	43,554	31,670	34,649	37,893
Health services	365,617	383,237	399,740	303,697	319,388	335,207
Legal services	55,150	62,541	67,700	47,851	54,931	59,561
Educational services	54,500	57,763	62,609	46,493	49,702	53,998
Social services and membership organizations	94,666	99,728	106,667	82,818	87,999	94,268
Social services	47,894	51,109	55,606	40,468	43,668	47,698
Membership organizations	46,772	48,619	51,061	42,350	44,331	46,570
Other services [2]	161,195	174,969	195,159	139,550	152,598	170,667
Private households	12,009	12,053	14,005	11,685	11,732	13,642
Government	**849,625**	**877,469**	**909,876**	**641,004**	**664,446**	**692,825**
Federal	263,231	266,942	270,470	175,561	177,337	179,803
General government	211,001	211,725	214,394	140,104	140,083	142,060
Civilian	124,935	125,748	128,743	85,294	85,116	86,980
Military [3]	86,066	85,977	85,651	54,810	54,967	55,080
Government enterprises	52,230	55,217	56,076	35,457	37,254	37,743
State and local	586,394	610,527	639,406	465,443	487,109	513,022
General government	548,416	571,835	599,389	434,766	455,669	480,277
Education	290,650	304,851	321,361	228,486	240,772	255,052
Other	257,766	266,984	278,028	206,280	214,897	225,225
Government enterprises	37,978	38,692	40,017	30,677	31,440	32,745
Rest of the world	**–4,550**	**–4,962**	**–5,256**	**–4,550**	**–4,962**	**–5,256**
Receipts from the rest of the world	1,756	1,802	1,856	1,756	1,802	1,856
Less: Payments to the rest of the world [4]	6,306	6,764	7,112	6,306	6,764	7,112
Addenda:						
Households and institutions	348,558	366,180	385,575	.....	.....	.....
Nonfarm business	3,275,584	3,513,490	3,798,508	.....	.....	.....

1. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.
2. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.
3. Includes Coast Guard.
4. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Compensation equals wage and salary accruals plus supplements to wages and salaries. "Supplements" are listed in table 8.17 of the December 1999 SURVEY OF CURRENT BUSINESS.

Table B.8.—Employment by Industry

[Thousands]

	Full-time and part-time employees			Persons engaged in production [1]		
	1996	1997	1998	1996	1997	1998
Total	**127,009**	**130,085**	**133,378**	**123,824**	**126,757**	**129,549**
Domestic industries	**127,494**	**130,617**	**133,917**	**124,240**	**127,213**	**130,011**
Private industries	**105,559**	**108,583**	**111,702**	**105,912**	**108,798**	**111,461**
Agriculture, forestry, and fishing	**2,048**	**2,137**	**2,193**	**3,338**	**3,321**	**3,338**
Farms	832	876	880	1,827	1,814	1,705
Agricultural services, forestry, and fishing	1,216	1,261	1,313	1,511	1,507	1,633
Mining	**582**	**601**	**593**	**586**	**603**	**601**
Metal mining	54	54	49	56	54	49
Coal mining	99	97	93	97	95	93
Oil and gas extraction	321	340	340	326	345	349
Nonmetallic minerals, except fuels	108	110	111	107	109	110
Construction	**5,671**	**5,964**	**6,297**	**6,950**	**7,254**	**7,603**
Manufacturing	**18,579**	**18,770**	**18,935**	**18,576**	**18,774**	**18,944**
Durable goods	10,838	11,061	11,277	10,911	11,134	11,355
Lumber and wood products	801	819	840	856	862	896
Furniture and fixtures	506	513	535	521	530	544
Stone, clay, and glass products	546	555	566	561	563	569
Primary metal industries	708	710	714	706	706	710
Fabricated metal products	1,453	1,485	1,517	1,447	1,481	1,514
Industrial machinery and equipment	2,117	2,175	2,217	2,096	2,173	2,216
Electronic and other electric equipment	1,660	1,693	1,709	1,655	1,682	1,699
Motor vehicles and equipment	968	984	999	961	977	997
Other transportation equipment	821	858	899	820	855	902
Instruments and related products	854	865	872	849	860	864
Miscellaneous manufacturing industries	404	404	409	439	445	444
Nondurable goods	7,741	7,709	7,658	7,665	7,640	7,589
Food and kindred products	1,697	1,694	1,694	1,664	1,676	1,672
Tobacco products	41	41	40	40	40	39
Textile mill products	630	618	599	632	620	600
Apparel and other textile products	874	829	770	880	830	775
Paper and allied products	683	685	679	678	677	672
Printing and publishing	1,564	1,579	1,594	1,535	1,562	1,578
Chemicals and allied products	1,033	1,036	1,042	1,025	1,023	1,028
Petroleum and coal products	139	137	137	138	135	136
Rubber and miscellaneous plastics products	981	998	1,016	971	988	1,004
Leather and leather products	99	92	87	102	89	85
Transportation and public utilities	**6,293**	**6,467**	**6,671**	**6,318**	**6,473**	**6,648**
Transportation	4,063	4,176	4,336	4,181	4,284	4,433
Railroad transportation	223	220	216	211	208	205
Local and interurban passenger transit	440	457	473	445	481	486
Trucking and warehousing [2]	1,659	1,708	1,777	1,853	1,879	1,954
Water transportation	177	183	185	174	179	185
Transportation by air [2]	1,119	1,141	1,200	1,050	1,068	1,124
Pipelines, except natural gas	14	14	14	14	14	14
Transportation services	431	453	471	434	455	465
Communications	1,348	1,421	1,477	1,259	1,324	1,365
Telephone and telegraph	936	1,003	1,045	873	938	963
Radio and television	412	418	432	386	386	402
Electric, gas, and sanitary services	882	870	858	878	865	850
Wholesale trade	**6,560**	**6,746**	**6,923**	**6,587**	**6,735**	**6,919**
Retail trade	**22,256**	**22,636**	**23,006**	**19,851**	**20,258**	**20,419**
Finance, insurance, and real estate	**7,053**	**7,256**	**7,539**	**7,310**	**7,424**	**7,636**
Depository institutions	2,017	2,031	2,046	1,923	1,925	1,933
Nondepository institutions	514	575	664	507	564	645
Security and commodity brokers	581	630	681	646	679	732
Insurance carriers	1,505	1,527	1,576	1,449	1,463	1,503
Insurance agents, brokers, and service	746	767	787	871	875	880
Real estate	1,442	1,481	1,535	1,676	1,684	1,706
Holding and other investment offices	248	245	250	238	234	237
Services	**36,517**	**38,006**	**39,545**	**36,396**	**37,956**	**39,353**
Hotels and other lodging places	1,794	1,833	1,876	1,620	1,665	1,703
Personal services	1,318	1,326	1,340	1,798	1,789	1,804
Business services	7,485	8,148	8,793	7,651	8,261	9,000
Auto repair, services, and parking	1,205	1,248	1,275	1,481	1,511	1,522
Miscellaneous repair services	389	389	395	569	582	591
Motion pictures	539	569	592	583	610	644
Amusement and recreation services	1,590	1,664	1,729	1,400	1,485	1,496
Health services	9,813	10,038	10,197	9,167	9,402	9,503
Legal services	1,064	1,084	1,113	1,145	1,200	1,231
Educational services	2,113	2,179	2,262	1,962	2,003	2,092
Social services and membership organizations	4,759	4,949	5,154	4,618	4,816	4,991
Social services	2,515	2,620	2,750	2,752	2,879	2,992
Membership organizations	2,244	2,329	2,404	1,866	1,937	1,999
Other services [3]	3,202	3,346	3,539	3,574	3,798	3,894
Private households	1,246	1,233	1,280	828	834	882
Government	**21,935**	**22,034**	**22,215**	**18,328**	**18,415**	**18,550**
Federal	5,387	5,268	5,196	4,378	4,272	4,218
General government	4,397	4,276	4,200	3,575	3,477	3,416
Civilian	1,951	1,900	1,878	1,913	1,870	1,845
Military [4]	2,446	2,376	2,322	1,662	1,607	1,571
Government enterprises	990	992	996	803	795	802
State and local	16,548	16,766	17,019	13,950	14,143	14,332
General government	15,704	15,933	16,181	13,079	13,282	13,466
Education	8,522	8,716	8,896	6,887	7,054	7,184
Other	7,182	7,217	7,285	6,192	6,228	6,282
Government enterprises	844	833	838	871	861	866
Rest of the world [5]	**–485**	**–532**	**–539**	**–416**	**–456**	**–462**

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.
2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.
3. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.
4. Includes Coast Guard.
5. Beginning with 1993, includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Table B.9.—Wage and Salary Accruals Per Full-Time Equivalent Employee and Full-Time Equivalent Employees by Industry

	Wage and salary accruals per full-time equivalent			Full-time equivalent employees [1]		
	Dollars			Thousands		
	1996	1997	1998	1996	1997	1998
Total	**32,040**	**33,428**	**35,112**	**113,300**	**116,213**	**119,317**
Domestic industries	**31,963**	**33,339**	**35,021**	**113,716**	**116,669**	**119,779**
Private industries	**31,384**	**32,825**	**34,594**	**95,388**	**98,254**	**101,229**
Agriculture, forestry, and fishing	**19,324**	**20,333**	**20,730**	**1,789**	**1,839**	**1,972**
Farms	19,893	20,037	21,516	713	751	754
Agricultural services, forestry, and fishing	18,946	20,537	20,244	1,076	1,088	1,218
Mining	**48,680**	**50,428**	**52,465**	**571**	**589**	**581**
Metal mining	48,500	49,481	51,469	54	54	49
Coal mining	48,742	49,621	50,857	97	95	91
Oil and gas extraction	52,365	54,372	56,571	315	333	333
Nonmetallic minerals, except fuels	37,657	39,346	41,611	105	107	108
Construction	**31,631**	**32,924**	**34,524**	**5,444**	**5,752**	**6,074**
Manufacturing	**37,158**	**38,965**	**40,928**	**18,168**	**18,350**	**18,513**
Durable goods	39,038	40,804	42,715	10,664	10,880	11,100
Lumber and wood products	26,148	27,448	28,272	782	792	817
Furniture and fixtures	26,068	27,641	28,979	497	501	523
Stone, clay, and glass products	34,880	35,708	37,088	532	544	558
Primary metal industries	40,771	42,033	43,080	703	705	709
Fabricated metal products	33,968	35,155	36,292	1,426	1,461	1,493
Industrial machinery and equipment	41,668	44,133	46,454	2,074	2,141	2,181
Electronic and other electric equipment	40,307	42,838	45,840	1,645	1,673	1,689
Motor vehicles and equipment	48,773	49,669	51,908	959	975	990
Other transportation equipment	45,520	47,215	48,776	815	850	891
Instruments and related products	46,859	48,635	51,663	842	851	858
Miscellaneous manufacturing industries	28,776	30,594	32,072	389	387	391
Nondurable goods	34,486	36,286	38,254	7,504	7,470	7,413
Food and kindred products	30,567	31,891	33,506	1,654	1,651	1,648
Tobacco products	54,975	59,450	57,590	40	40	39
Textile mill products	25,019	26,376	27,312	624	612	593
Apparel and other textile products	19,832	20,861	22,180	846	803	745
Paper and allied products	40,718	42,177	43,349	677	674	671
Printing and publishing	35,897	37,427	39,481	1,444	1,465	1,478
Chemicals and allied products	53,303	56,772	60,096	1,021	1,019	1,023
Petroleum and coal products	56,188	60,037	64,215	138	135	135
Rubber and miscellaneous plastics products	30,898	32,253	33,691	965	982	997
Leather and leather products	23,589	25,281	26,345	95	89	84
Transportation and public utilities	**39,355**	**40,897**	**42,717**	**5,884**	**6,037**	**6,219**
Transportation	33,197	34,439	35,621	3,783	3,886	4,034
Railroad transportation	54,706	56,505	56,322	211	208	205
Local and interurban passenger transit	20,811	21,189	21,981	402	418	432
Trucking and warehousing [2]	30,351	31,753	32,934	1,551	1,596	1,660
Water transportation	38,934	40,421	42,341	166	171	173
Transportation by air [2]	37,238	38,705	40,095	1,043	1,063	1,118
Pipelines, except natural gas	58,286	59,929	60,500	14	14	14
Transportation services	31,523	32,805	34,688	396	416	432
Communications	50,496	52,620	56,177	1,229	1,293	1,341
Telephone and telegraph	54,581	56,223	59,544	854	913	949
Radio and television	41,195	43,963	48,026	375	380	392
Electric, gas, and sanitary services	50,367	52,484	55,246	872	858	844
Wholesale trade	**39,283**	**41,166**	**43,549**	**6,280**	**6,458**	**6,627**
Retail trade	**18,774**	**19,496**	**20,508**	**18,383**	**18,759**	**19,065**
Finance, insurance, and real estate	**45,268**	**48,176**	**52,210**	**6,637**	**6,796**	**7,027**
Depository institutions	36,201	38,255	40,976	1,920	1,924	1,929
Nondepository institutions	43,226	46,535	52,437	492	548	630
Security and commodity brokers	114,948	118,606	127,467	557	601	646
Insurance carriers	43,732	46,002	48,878	1,449	1,463	1,503
Insurance agents, brokers, and service	39,652	41,974	43,547	707	724	739
Real estate	29,810	31,936	34,882	1,274	1,302	1,343
Holding and other investment offices	68,357	75,855	84,262	238	234	237
Services	**29,791**	**31,118**	**32,746**	**32,232**	**33,674**	**35,151**
Hotels and other lodging places	20,705	21,537	22,696	1,561	1,603	1,649
Personal services	18,267	19,330	20,279	1,163	1,161	1,176
Business services	27,724	29,651	32,224	6,876	7,526	8,181
Auto repair, services, and parking	23,073	23,797	24,860	1,136	1,182	1,214
Miscellaneous repair services	29,170	30,214	31,717	358	360	368
Motion pictures	37,052	39,685	40,833	421	447	467
Amusement and recreation services	24,474	25,477	27,183	1,294	1,360	1,394
Health services	34,598	35,531	36,820	8,778	8,989	9,104
Legal services	50,636	57,042	59,740	945	963	997
Educational services	25,213	26,187	27,230	1,844	1,898	1,983
Social services and membership organizations	20,373	20,759	21,289	4,065	4,239	4,428
Social services	18,403	18,970	19,637	2,199	2,302	2,429
Membership organizations	22,696	22,886	23,297	1,866	1,937	1,999
Other services [3]	47,098	49,035	51,592	2,963	3,112	3,308
Private households	14,112	14,067	15,467	828	834	882
Government	**34,974**	**36,082**	**37,349**	**18,328**	**18,415**	**18,550**
Federal	40,101	41,511	42,628	4,378	4,272	4,218
General government	39,190	40,288	41,587	3,575	3,477	3,416
Civilian	44,587	45,517	47,144	1,913	1,870	1,845
Military [4]	32,978	34,205	35,060	1,662	1,607	1,571
Government enterprises	44,156	46,860	47,061	803	795	802
State and local	33,365	34,442	35,796	13,950	14,143	14,332
General government	33,242	34,307	35,666	13,079	13,282	13,466
Education	33,176	34,133	35,503	6,887	7,054	7,184
Other	33,314	34,505	35,852	6,192	6,228	6,282
Government enterprises	35,220	36,516	37,812	871	861	866
Rest of the world [5]				**–416**	**–456**	**–462**

1. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees on part-time schedules converted to a full-time basis. The number of full-time equivalent employees in each industry is the product of the total number of employees and the ratio of average weekly hours per employee for all employees to average weekly hours per employee on full-time schedules.

2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

3. Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.

4. Includes Coast Guard.

5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

NOTE.—Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

Table B.10.—Farm Sector Output, Gross Product, and National Income

	Billions of dollars			Billions of chained (1996) dollars		
	1996	1997	1998	1996	1997	1998
Farm output	**222.6**	**226.2**	**214.2**	**222.6**	**237.3**	**237.9**
Cash receipts from farm marketings	201.2	208.7	198.2	201.2	218.7	220.3
Crops	108.3	112.1	103.7	108.3	121.2	121.8
Livestock	93.0	96.5	94.5	93.0	97.5	98.7
Farm housing	6.2	6.4	6.6	6.2	6.0	5.9
Farm products consumed on farms	.5	.5	.5	.5	.5	.5
Other farm income	6.8	7.8	8.6	6.8	8.2	9.6
Change in farm inventories	7.9	2.8	.3	7.9	3.0	.9
Crops	9.0	3.1	.9	9.0	3.4	1.7
Livestock	–1.1	–.4	–.6	–1.1	–.4	–.7
Less: Intermediate goods and services purchased	130.4	138.1	134.1	130.4	134.7	137.4
Intermediate goods and services, other than rent	114.3	122.1	119.0	114.3	119.2	121.9
Rent paid to nonoperator landlords	16.1	16.0	15.1	16.1	15.5	15.5
***Equals*: Gross farm product**	**92.2**	**88.0**	**80.2**	**92.2**	**103.1**	**100.5**
Less: Consumption of fixed capital	25.4	26.2	27.1	25.4	25.8	26.3
***Equals*: Net farm product**	**66.8**	**61.9**	**53.1**	**66.8**	**77.7**	**74.2**
Less: Indirect business tax and nontax liability	5.0	5.2	5.3	.....	.....	.....
Plus: Subsidies to operators	6.2	6.3	10.7	.....	.....	.....
***Equals*: Farm national income**	**68.1**	**63.0**	**58.6**	.....	.....	.....
Compensation of employees	16.6	17.5	18.6	.....	.....	.....
Wage and salary accruals	14.2	15.0	16.2	.....	.....	.....
Supplements to wages and salaries	2.4	2.4	2.4	.....	.....	.....
Proprietors' income and corporate profits with inventory valuation and capital consumption adjustments	42.0	35.5	29.2	.....	.....	.....
Proprietors' income	34.3	29.5	25.1	.....	.....	.....
Corporate profits	7.7	6.0	4.1	.....	.....	.....
Net interest	9.5	10.1	10.8	.....	.....	.....

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table B.11.—Housing Sector Output, Gross Product, and National Income

	Billions of dollars			Billions of chained (1996) dollars		
	1996	1997	1998	1996	1997	1998
Housing output [1]	**742.3**	**777.9**	**822.8**	**742.3**	**755.9**	**775.2**
Nonfarm housing	736.1	771.5	816.2	736.1	749.9	769.3
Owner-occupied	555.4	585.5	622.6	555.4	569.0	586.6
Tenant-occupied	180.6	186.0	193.6	180.6	180.9	182.6
Farm housing	6.2	6.4	6.6	6.2	6.0	5.9
Less: Intermediate goods and services consumed	94.4	103.9	116.8	94.4	100.1	110.0
***Equals*: Gross housing product**	**647.9**	**673.9**	**705.9**	**648.0**	**655.8**	**665.1**
Nonfarm housing	642.8	668.6	700.4	642.8	650.8	660.2
Owner-occupied	482.3	505.7	531.5	482.3	491.9	500.9
Tenant-occupied	160.5	162.9	169.0	160.5	158.9	159.4
Farm housing	5.1	5.3	5.5	5.1	5.0	4.9
Less: Consumption of fixed capital	119.6	126.2	131.9	119.6	122.5	125.7
Capital consumption allowances	63.6	67.6	71.9	.....	.....	.....
Less: Capital consumption adjustment	–56.0	–58.6	–60.0	.....	.....	.....
***Equals*: Net housing product**	**528.4**	**547.7**	**574.0**	**528.4**	**533.2**	**539.4**
Less: Indirect business tax and nontax liability plus business transfer payments	118.9	123.4	127.9	.....	.....	.....
Plus: Subsidies less current surplus of government enterprises	23.3	23.9	23.9	.....	.....	.....
***Equals*: Housing national income**	**432.8**	**448.3**	**470.0**	.....	.....	.....
Compensation of employees	8.4	9.0	9.6	.....	.....	.....
Proprietors' income with inventory valuation adjustment and capital consumption adjustment	22.6	21.6	22.0	.....	.....	.....
Rental income of persons with capital consumption adjustment	111.2	111.5	119.3	.....	.....	.....
Corporate profits with inventory valuation adjustment and capital consumption adjustment	4.7	4.7	4.9	.....	.....	.....
Net interest	285.7	301.6	314.2	.....	.....	.....

1. Equals personal consumption expenditures for housing less expenditures for other housing as shown in table B.4.

NOTE.—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table B.12.—Net Stock of Private Fixed Assets; Equipment, Software, and Structures; by Type

[Yearend estimates]

	Current-cost valuation (Billions of dollars)						Chain-type quantity indexes (1996=100)					
	1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
Private fixed assets	**14,318.0**	**15,203.7**	**15,908.5**	**16,722.5**	**17,573.4**	**18,642.9**	**92.88**	**94.99**	**97.30**	**100.00**	**102.93**	**106.35**
Equipment and software	**2,884.2**	**3,051.1**	**3,243.8**	**3,416.3**	**3,583.0**	**3,803.8**	**86.96**	**90.55**	**94.93**	**100.00**	**105.82**	**113.17**
Nonresidential equipment and software	**2,828.6**	**2,992.4**	**3,182.8**	**3,352.2**	**3,517.5**	**3,736.2**	**86.91**	**90.51**	**94.90**	**100.00**	**105.86**	**113.28**
Information processing equipment and software	760.3	802.8	850.2	906.0	969.1	1,044.9	77.77	83.43	90.81	100.00	110.86	124.86
Computers and peripheral equipment	82.0	86.4	93.6	101.5	110.6	120.7	45.21	53.99	71.80	100.00	140.17	206.52
Software [1]	129.7	142.9	158.3	173.7	192.6	220.4	73.84	81.69	89.64	100.00	112.26	128.48
Communication equipment	325.3	334.7	344.3	363.8	388.2	415.7	84.15	88.04	93.40	100.00	107.83	117.78
Instruments	143.8	153.7	165.1	175.0	183.9	192.7	85.71	90.28	95.07	100.00	104.97	109.83
Photocopy and related equipment	60.5	65.7	68.8	71.5	71.8	71.2	92.36	97.04	99.22	100.00	101.33	101.64
Office and acccounting equipment	19.0	19.5	20.1	20.5	22.0	24.3	92.72	94.59	97.17	100.00	107.19	118.63
Industrial equipment	964.3	1,010.7	1,075.1	1,119.1	1,158.2	1,203.0	92.33	94.31	97.07	100.00	103.08	106.38
Fabricated metal products	87.6	90.3	95.6	98.7	99.8	101.6	96.68	97.12	98.06	100.00	101.23	102.92
Engines and turbines	52.5	55.2	55.8	57.3	57.7	58.3	99.22	99.88	99.36	100.00	99.08	99.30
Steam engines	46.9	49.2	49.5	50.4	50.5	50.6	100.70	101.07	99.89	100.00	98.35	97.76
Internal combustion engines	5.6	5.9	6.4	6.9	7.2	7.7	88.23	91.07	95.40	100.00	104.48	110.70
Metalworking machinery	183.3	193.7	209.2	219.2	229.5	240.2	90.15	92.82	96.54	100.00	104.25	108.43
Special industry machinery, n.e.c	214.3	225.0	240.5	253.1	261.5	271.5	91.52	93.44	96.72	100.00	102.90	105.46
General industrial, including materials handling, equipment	204.5	213.4	225.3	234.9	243.8	255.2	92.73	94.55	97.21	100.00	102.96	106.70
Electrical transmission, distribution, and industrial apparatus	222.1	233.1	248.7	255.9	265.9	276.1	91.42	93.89	96.87	100.00	103.96	108.17
Transportation equipment	556.7	604.3	650.5	690.4	720.7	781.3	86.51	90.93	95.20	100.00	105.35	113.40
Trucks, buses, and truck trailers	181.4	206.7	234.1	260.8	285.4	323.7	73.33	80.98	89.85	100.00	111.58	124.74
Autos	126.4	142.3	150.0	159.0	162.4	164.8	84.18	92.01	95.59	100.00	103.10	105.22
Aircraft	133.5	137.4	143.6	147.1	149.4	166.5	100.42	99.48	100.14	100.00	101.32	111.86
Ships and boats	46.4	46.1	45.9	46.5	46.5	46.9	106.95	104.28	101.57	100.00	98.36	98.40
Railroad equipment	68.9	71.8	76.9	77.1	76.9	79.3	98.27	98.60	99.38	100.00	100.97	104.18
Other equipment	547.3	574.6	607.1	636.8	669.4	707.0	91.75	93.97	96.73	100.00	104.30	109.46
Furniture and fixtures	149.8	159.2	169.7	178.2	188.1	196.9	91.40	93.83	96.85	100.00	104.39	109.41
Household furniture	8.4	8.6	8.8	9.0	9.2	9.5	99.79	99.53	99.47	100.00	101.52	104.59
Other furniture	141.4	150.6	160.9	169.2	178.9	187.4	90.95	93.53	96.71	100.00	104.54	109.67
Tractors	54.1	56.0	57.9	59.3	60.8	63.1	95.05	96.40	98.45	100.00	102.40	105.33
Farm tractors	43.7	45.7	47.6	48.6	49.7	51.3	93.47	95.85	98.53	100.00	102.28	104.86
Construction tractors	10.4	10.3	10.3	10.6	11.1	11.8	102.32	98.92	98.06	100.00	102.91	107.42
Agricultural machinery, except tractors	67.5	69.6	72.6	74.9	77.2	80.0	96.85	97.33	98.44	100.00	102.06	104.49
Construction machinery, except tractors	69.4	72.4	76.8	82.1	88.4	96.4	91.09	92.56	95.48	100.00	105.91	113.40
Mining and oilfield machinery	16.4	16.3	16.5	16.6	16.9	18.3	107.00	104.08	101.57	100.00	100.21	107.73
Service industry machinery	57.1	60.4	64.6	68.8	72.6	76.4	88.79	91.85	95.61	100.00	104.16	108.57
Electrical equipment, n.e.c	40.2	41.8	43.4	44.7	46.6	49.4	89.98	93.21	96.01	100.00	105.57	112.65
Household appliances	2.8	2.8	2.9	2.9	2.9	2.9	102.19	100.89	100.22	100.00	100.97	103.74
Other	37.4	39.0	40.5	41.9	43.7	46.5	89.16	92.69	95.72	100.00	105.88	113.26
Other nonresidential equipment	92.8	98.9	105.5	112.2	118.7	126.5	87.94	91.78	95.68	100.00	105.65	111.69
Residential equipment	**55.7**	**58.7**	**61.0**	**64.1**	**65.5**	**67.6**	**89.50**	**92.87**	**96.41**	**100.00**	**103.62**	**107.57**
Structures	**11,433.8**	**12,152.6**	**12,664.6**	**13,306.3**	**13,990.4**	**14,839.1**	**94.45**	**96.16**	**97.92**	**100.00**	**102.20**	**104.66**
Nonresidential structures	**4,498.5**	**4,739.1**	**4,941.4**	**5,175.0**	**5,437.4**	**5,713.7**	**95.94**	**96.97**	**98.31**	**100.00**	**101.97**	**104.14**
Nonresidential buildings, excluding farm	2,816.6	2,992.3	3,125.1	3,285.6	3,489.2	3,722.3	94.30	95.81	97.71	100.00	102.66	105.50
Industrial buildings	636.6	673.6	700.4	729.2	762.0	798.4	96.05	97.21	98.67	100.00	101.00	101.92
Office buildings [2]	657.1	694.6	723.1	756.3	803.1	861.7	95.50	96.56	98.17	100.00	102.63	106.03
Commercial buildings	710.6	757.9	796.6	843.8	900.5	962.2	92.72	94.55	96.99	100.00	103.19	106.24
Mobile structures	7.1	7.7	8.3	8.6	8.9	9.3	95.22	96.45	97.98	100.00	102.66	105.72
Other commercial [3]	703.5	750.2	788.4	835.2	891.6	952.9	92.69	94.53	96.98	100.00	103.19	106.25
Religious buildings	128.2	135.3	140.2	145.7	153.5	163.0	96.74	97.69	98.82	100.00	101.88	104.18
Educational buildings	113.8	122.5	129.2	137.9	150.0	163.8	90.73	93.35	96.23	100.00	105.05	110.47
Hospital and institutional buildings	277.0	298.2	311.9	327.7	347.9	369.7	92.97	95.68	97.81	100.00	102.61	105.05
Other	293.3	310.2	323.7	345.1	372.4	403.5	93.50	94.61	96.46	100.00	104.39	109.11
Hotels and motels	148.0	156.2	164.1	177.5	194.3	214.5	91.75	92.61	95.07	100.00	105.89	112.60
Amusement and recreational buildings	75.6	81.4	86.6	92.7	100.8	109.3	89.77	92.37	96.01	100.00	105.12	109.81
Other nonfarm buildings [4]	69.7	72.5	73.0	75.0	77.3	79.7	102.27	102.11	100.32	100.00	99.93	99.97
Utilities	1,109.2	1,148.4	1,190.2	1,229.0	1,262.0	1,270.7	98.33	98.49	99.13	100.00	100.56	101.41
Railroad	278.1	281.6	287.5	299.2	301.9	295.6	102.44	101.50	100.62	100.00	99.53	99.16
Telecommunications	194.4	204.4	219.3	235.3	237.8	248.6	94.09	95.84	97.94	100.00	102.30	105.30
Electric light and power	444.0	460.6	478.0	483.4	500.0	504.5	98.54	98.50	99.19	100.00	100.11	100.56
Gas	152.9	160.3	163.7	168.9	178.5	178.5	95.90	96.43	97.83	100.00	101.44	102.76
Petroleum pipelines	39.8	41.5	41.7	42.1	43.8	43.5	100.09	100.14	99.97	100.00	99.86	100.35
Farm related buildings and structures	189.9	197.1	200.0	204.4	210.1	216.9	102.20	101.44	100.53	100.00	99.42	98.83
Mining exploration, shafts, and wells	262.9	272.5	287.3	311.2	324.1	347.1	101.77	101.13	100.06	100.00	102.23	104.20
Petroleum and natural gas	232.7	240.4	254.5	277.4	289.0	310.3	102.23	101.31	100.12	100.00	102.47	104.55
Other mining	30.2	32.1	32.8	33.8	35.1	36.8	98.28	99.78	99.54	100.00	100.25	101.29
Other nonfarm structures [5]	119.8	128.7	138.7	144.8	152.0	156.6	92.35	95.42	98.21	100.00	101.39	103.28
Residential structures	**6,935.3**	**7,413.5**	**7,723.3**	**8,131.2**	**8,553.0**	**9,125.4**	**93.50**	**95.65**	**97.67**	**100.00**	**102.34**	**104.99**
Housing units	5,653.0	6,058.9	6,301.5	6,624.6	6,960.0	7,450.7	93.79	95.77	97.75	100.00	102.30	105.00
Permanent site	5,544.0	5,936.8	6,169.1	6,483.0	6,809.7	7,289.6	93.91	95.86	97.80	100.00	102.25	104.89
1-to-4-unit	4,789.2	5,170.2	5,383.9	5,663.1	5,933.7	6,317.4	93.11	95.46	97.59	100.00	102.44	105.31
5-or-more-unit	754.8	766.6	785.2	819.9	876.0	972.2	99.41	98.67	99.23	100.00	100.96	102.11
Manufactured homes	109.0	122.1	132.4	141.6	150.2	161.1	88.29	91.43	95.46	100.00	104.70	110.17
Improvements	1,254.8	1,326.1	1,392.8	1,477.1	1,562.7	1,643.1	92.05	95.00	97.25	100.00	102.56	105.06
Other residential [6]	27.5	28.6	28.9	29.6	30.4	31.7	102.09	100.94	100.33	100.00	100.33	100.96

1. Excludes software "embedded" or bundled in computers and other equipment.
2. Consists of office buildings, except those occupied by electric and gas utility companies.
3. Consists primarily of stores, restaurants, garages, service stations, warehouses, and other buildings used for commercial purposes.
4. Consists of buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
5. Consists primarily of streets, dams, reservoirs, sewer and water facilities, parks, and airfields.
6. Consists primarily of dormitories and of fraternity and sorority houses.

NOTE.—The data in this table are from "Fixed Assets and Consumer Durable Goods, 1925–98" in the April 2000 SURVEY OF CURRENT BUSINESS.

n.e.c. Not elsewhere classified.

C. Historical Measures

This table is derived from the "GDP and Other Major NIPA Series" tables that were published in the April 2000 issue of the SURVEY OF CURRENT BUSINESS and from the "Selected NIPA Tables" that are published in this issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases

[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
										Chain-type price index		Implicit price deflators	
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959	2,319.0	2,317.4	2,332.8	7.2	6.3	21.88	21.41	21.88	21.88	1.1	1.1	1.1	1.1
1960	2,376.7	2,378.5	2,391.9	2.5	2.6	22.19	21.71	22.19	22.18	1.4	1.4	1.4	1.4
1961	2,432.0	2,435.5	2,448.8	2.3	2.4	22.43	21.94	22.44	22.43	1.1	1.1	1.1	1.1
1962	2,578.9	2,569.5	2,598.0	6.0	5.5	22.74	22.23	22.74	22.74	1.4	1.3	1.4	1.4
1963	2,690.4	2,683.6	2,710.8	4.3	4.4	22.99	22.50	23.00	22.99	1.1	1.2	1.1	1.1
1964	2,846.5	2,844.1	2,868.5	5.8	6.0	23.34	22.85	23.34	23.34	1.5	1.6	1.5	1.5
1965	3,028.5	3,008.5	3,051.7	6.4	5.8	23.77	23.26	23.78	23.77	1.9	1.8	1.9	1.9
1966	3,227.5	3,191.1	3,248.9	6.6	6.1	24.45	23.91	24.46	24.45	2.8	2.8	2.9	2.9
1967	3,308.3	3,288.2	3,330.4	2.5	3.0	25.21	24.61	25.21	25.21	3.1	2.9	3.1	3.1
1968	3,466.1	3,450.0	3,489.8	4.8	4.9	26.29	25.66	26.30	26.29	4.3	4.3	4.3	4.3
1969	3,571.4	3,555.9	3,594.1	3.0	3.1	27.59	26.92	27.59	27.59	4.9	4.9	4.9	4.9
1970	3,578.0	3,588.6	3,600.6	.2	.9	29.05	28.37	29.06	29.05	5.3	5.4	5.3	5.3
1971	3,697.7	3,688.1	3,722.9	3.3	2.8	30.52	29.84	30.52	30.52	5.0	5.2	5.0	5.1
1972	3,898.4	3,887.7	3,925.7	5.4	5.4	31.81	31.17	31.82	31.82	4.2	4.5	4.3	4.2
1973	4,123.4	4,094.3	4,161.0	5.8	5.3	33.60	32.99	33.60	33.60	5.6	5.8	5.6	5.6
1974	4,099.0	4,080.7	4,142.3	–.6	–.3	36.60	36.35	36.62	36.62	9.0	10.2	9.0	9.0
1975	4,084.4	4,118.5	4,117.7	–.4	.9	40.03	39.69	40.03	40.03	9.4	9.2	9.3	9.3
1976	4,311.7	4,288.8	4,351.4	5.6	4.1	42.29	41.93	42.30	42.31	5.7	5.7	5.7	5.7
1977	4,511.8	4,478.8	4,556.6	4.6	4.4	45.02	44.80	45.02	45.03	6.4	6.8	6.4	6.4
1978	4,760.6	4,722.9	4,805.3	5.5	5.5	48.22	48.02	48.23	48.24	7.1	7.2	7.1	7.1
1979	4,912.1	4,894.4	4,973.9	3.2	3.6	52.24	52.26	52.25	52.26	8.3	8.8	8.3	8.3
1980	4,900.9	4,928.1	4,962.3	–.2	.7	57.05	57.79	57.04	57.05	9.2	10.6	9.2	9.2
1981	5,021.0	4,989.5	5,075.4	2.5	1.2	62.37	63.05	62.37	62.38	9.3	9.1	9.3	9.3
1982	4,919.3	4,954.9	4,973.6	–2.0	–.7	66.26	66.71	66.25	66.26	6.2	5.8	6.2	6.2
1983	5,132.3	5,154.5	5,184.9	4.3	4.0	68.87	69.05	68.88	68.89	3.9	3.5	4.0	4.0
1984	5,505.2	5,427.9	5,553.8	7.3	5.3	71.44	71.46	71.44	71.45	3.7	3.5	3.7	3.7
1985	5,717.1	5,698.8	5,750.9	3.8	5.0	73.69	73.56	73.69	73.70	3.2	2.9	3.2	3.2
1986	5,912.4	5,912.6	5,932.5	3.4	3.8	75.32	75.22	75.31	75.32	2.2	2.3	2.2	2.2
1987	6,113.3	6,088.8	6,130.8	3.4	3.0	77.58	77.70	77.58	77.58	3.0	3.3	3.0	3.0
1988	6,368.4	6,352.6	6,391.1	4.2	4.3	80.22	80.36	80.21	80.22	3.4	3.4	3.4	3.4
1989	6,591.8	6,565.4	6,615.5	3.5	3.3	83.27	83.45	83.27	83.28	3.8	3.8	3.8	3.8
1990	6,707.9	6,695.6	6,740.0	1.8	2.0	86.53	86.85	86.51	86.53	3.9	4.1	3.9	3.9
1991	6,676.4	6,681.5	6,703.4	–.5	–.2	89.66	89.81	89.66	89.67	3.6	3.4	3.6	3.6
1992	6,880.0	6,867.7	6,905.8	3.0	2.8	91.85	92.03	91.84	91.84	2.4	2.5	2.4	2.4
1993	7,062.6	7,043.8	7,087.8	2.7	2.6	94.05	94.14	94.05	94.06	2.4	2.3	2.4	2.4
1994	7,347.7	7,285.8	7,364.3	4.0	3.4	96.01	96.06	96.01	96.02	2.1	2.0	2.1	2.1
1995	7,543.8	7,512.2	7,564.0	2.7	3.1	98.10	98.20	98.10	98.11	2.2	2.2	2.2	2.2
1996	7,813.2	7,783.2	7,831.2	3.6	3.6	100.00	100.00	100.00	100.00	1.9	1.8	1.9	1.9
1997	8,144.8	8,075.5	8,150.9	4.2	3.8	101.91	101.61	101.91	101.89	1.9	1.6	1.9	1.9
1998	8,495.7	8,420.8	8,487.8	4.3	4.3	103.11	102.35	103.11	103.09	1.2	.7	1.2	1.2
1999	8,848.2	8,800.5	8,830.8	4.2	4.5	104.55	103.86	104.61	104.59	1.4	1.5	1.5	1.5
1959: I	2,273.0	2,275.1	2,286.2	8.6	9.1	21.79	21.33	21.83	21.82	.9	1.2	.1	.1
II	2,332.4	2,314.9	2,345.5	10.9	7.2	21.84	21.37	21.83	21.83	.9	.9	.1	.1
III	2,331.4	2,344.3	2,345.5	–.2	5.2	21.90	21.43	21.88	21.88	1.2	1.1	.9	.9
IV	2,339.1	2,335.5	2,354.1	1.3	–1.5	21.99	21.52	21.98	21.98	1.7	1.7	1.8	1.8
1960: I	2,391.0	2,360.4	2,405.4	9.2	4.3	22.04	21.57	22.08	22.07	.9	.8	1.7	1.8
II	2,379.2	2,382.7	2,393.9	–2.0	3.8	22.14	21.66	22.15	22.15	1.7	1.8	1.4	1.3
III	2,383.6	2,380.0	2,398.9	.7	–.5	22.23	21.76	22.23	22.23	1.8	1.8	1.5	1.5
IV	2,352.9	2,391.1	2,369.3	–5.0	1.9	22.33	21.86	22.30	22.29	1.8	1.9	1.2	1.1
1961: I	2,366.5	2,392.9	2,383.7	2.3	.3	22.36	21.88	22.35	22.34	.5	.4	1.0	1.0
II	2,410.8	2,418.3	2,427.1	7.7	4.3	22.40	21.91	22.40	22.39	.7	.5	.8	.8
III	2,450.4	2,437.7	2,467.2	6.8	3.2	22.45	21.96	22.46	22.45	.9	.9	1.1	1.1
IV	2,500.4	2,493.2	2,517.5	8.4	9.4	22.51	22.01	22.53	22.53	1.0	.9	1.4	1.4
1962: I	2,544.0	2,522.5	2,561.0	7.2	4.8	22.64	22.13	22.67	22.67	2.4	2.2	2.5	2.5
II	2,571.5	2,564.6	2,590.3	4.4	6.8	22.71	22.20	22.71	22.70	1.1	1.3	.6	.6
III	2,596.8	2,586.2	2,615.7	4.0	3.4	22.77	22.26	22.76	22.75	1.1	1.0	1.0	1.0
IV	2,603.3	2,604.6	2,625.1	1.0	2.9	22.84	22.34	22.83	22.83	1.4	1.4	1.3	1.3
1963: I	2,634.1	2,619.3	2,654.8	4.8	2.3	22.93	22.42	22.91	22.90	1.4	1.6	1.3	1.3
II	2,668.4	2,663.9	2,688.2	5.3	7.0	22.95	22.45	22.94	22.93	.3	.4	.6	.6
III	2,719.6	2,712.0	2,739.8	7.9	7.4	22.98	22.49	22.98	22.97	.6	.8	.6	.6
IV	2,739.4	2,739.6	2,760.3	2.9	4.1	23.12	22.63	23.16	23.15	2.5	2.6	3.2	3.2
1964: I	2,800.5	2,799.3	2,823.2	9.2	9.0	23.20	22.72	23.22	23.22	1.4	1.5	1.2	1.2
II	2,833.8	2,833.5	2,855.7	4.8	5.0	23.27	22.79	23.28	23.27	1.2	1.3	.9	.9
III	2,872.0	2,868.3	2,894.7	5.5	5.0	23.39	22.90	23.37	23.37	2.0	1.8	1.6	1.6
IV	2,879.5	2,875.5	2,900.5	1.0	1.0	23.49	22.99	23.49	23.48	1.8	1.7	2.0	2.0
1965: I	2,950.1	2,920.2	2,974.0	10.2	6.4	23.60	23.08	23.61	23.60	1.9	1.6	2.1	2.1
II	2,989.9	2,973.2	3,014.6	5.5	7.4	23.71	23.19	23.71	23.71	1.8	1.8	1.8	1.8
III	3,050.7	3,029.4	3,073.6	8.4	7.8	23.81	23.30	23.81	23.80	1.8	1.9	1.5	1.5
IV	3,123.6	3,111.4	3,144.5	9.9	11.3	23.97	23.46	23.97	23.97	2.6	2.9	2.8	2.8
1966: I	3,201.1	3,165.1	3,222.6	10.3	7.1	24.11	23.59	24.13	24.12	2.4	2.1	2.6	2.6
II	3,213.2	3,180.0	3,234.8	1.5	1.9	24.33	23.81	24.32	24.32	3.8	3.8	3.3	3.3
III	3,233.6	3,205.0	3,254.7	2.6	3.2	24.57	24.03	24.58	24.58	4.0	3.7	4.3	4.3
IV	3,261.8	3,214.5	3,283.7	3.5	1.2	24.79	24.22	24.79	24.79	3.5	3.3	3.5	3.5

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases—Continued

[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
										Chain-type price index		Implicit price deflators	
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1967: I	3,291.8	3,246.9	3,313.4	3.7	4.1	24.90	24.32	24.89	24.89	1.9	1.6	1.6	1.6
II	3,289.7	3,281.5	3,310.7	–.3	4.3	25.06	24.47	25.05	25.04	2.5	2.5	2.5	2.5
III	3,313.5	3,297.4	3,336.6	2.9	2.0	25.29	24.70	25.31	25.31	3.8	3.8	4.3	4.3
IV	3,338.3	3,326.9	3,360.8	3.0	3.6	25.57	24.96	25.59	25.59	4.4	4.3	4.5	4.5
1968: I	3,406.2	3,394.2	3,429.2	8.4	8.3	25.86	25.24	25.88	25.87	4.6	4.6	4.5	4.5
II	3,464.8	3,428.5	3,488.3	7.1	4.1	26.15	25.51	26.14	26.14	4.5	4.2	4.1	4.1
III	3,489.2	3,478.1	3,513.4	2.8	5.9	26.39	25.77	26.39	26.39	3.8	4.1	3.9	3.9
IV	3,504.1	3,499.5	3,528.1	1.7	2.5	26.76	26.13	26.76	26.76	5.7	5.7	5.7	5.7
1969: I	3,558.3	3,535.0	3,582.2	6.3	4.1	27.02	26.37	27.03	27.03	3.9	3.8	4.1	4.1
II	3,567.6	3,551.3	3,590.6	1.0	1.9	27.39	26.73	27.39	27.38	5.5	5.6	5.3	5.3
III	3,588.3	3,569.0	3,610.3	2.3	2.0	27.79	27.11	27.79	27.79	6.0	5.8	6.0	6.0
IV	3,571.4	3,568.3	3,593.3	–1.9	–.1	28.15	27.46	28.15	28.15	5.3	5.3	5.3	5.3
1970: I	3,566.5	3,578.9	3,589.1	–.6	1.2	28.54	27.85	28.55	28.54	5.6	5.8	5.8	5.8
II	3,573.9	3,573.2	3,597.4	.8	–.6	28.94	28.24	28.94	28.94	5.8	5.6	5.7	5.7
III	3,605.2	3,605.0	3,628.3	3.6	3.6	29.17	28.51	29.18	29.17	3.2	3.9	3.3	3.3
IV	3,566.5	3,597.4	3,587.6	–4.2	–.8	29.55	28.89	29.56	29.56	5.3	5.5	5.3	5.3
1971: I	3,666.1	3,643.1	3,691.3	11.6	5.2	30.00	29.31	30.00	30.00	6.1	6.0	6.1	6.1
II	3,686.2	3,667.8	3,712.8	2.2	2.7	30.40	29.71	30.40	30.40	5.5	5.5	5.4	5.4
III	3,714.5	3,698.9	3,738.4	3.1	3.4	30.71	30.04	30.71	30.71	4.1	4.6	4.2	4.2
IV	3,723.8	3,742.5	3,749.2	1.0	4.8	30.96	30.30	30.96	30.96	3.3	3.5	3.3	3.3
1972: I	3,796.9	3,802.2	3,823.4	8.1	6.5	31.42	30.76	31.41	31.41	6.1	6.1	5.8	5.8
II	3,883.8	3,862.7	3,910.0	9.5	6.5	31.61	30.98	31.61	31.61	2.5	2.9	2.6	2.6
III	3,922.3	3,897.2	3,950.7	4.0	3.6	31.92	31.30	31.92	31.92	4.0	4.2	4.0	4.0
IV	3,990.5	3,988.5	4,018.7	7.1	9.7	32.30	31.67	32.32	32.32	4.8	4.8	5.1	5.1
1973: I	4,092.3	4,075.5	4,125.0	10.6	9.0	32.73	32.09	32.71	32.71	5.4	5.4	4.9	4.9
II	4,133.3	4,094.4	4,168.3	4.1	1.9	33.27	32.69	33.25	33.25	6.8	7.7	6.9	6.9
III	4,117.0	4,100.7	4,158.0	–1.6	.6	33.90	33.29	33.86	33.86	7.9	7.6	7.5	7.5
IV	4,151.1	4,106.3	4,192.5	3.4	.5	34.48	33.91	34.58	34.58	7.0	7.6	8.7	8.7
1974: I	4,119.3	4,101.8	4,168.1	–3.0	–.4	35.18	34.80	35.20	35.20	8.4	10.9	7.4	7.4
II	4,130.4	4,105.6	4,176.5	1.1	.4	35.97	35.79	36.02	36.02	9.2	11.9	9.6	9.6
III	4,084.5	4,089.8	4,126.5	–4.4	–1.5	37.07	36.87	37.09	37.08	12.8	12.7	12.4	12.4
IV	4,062.0	4,025.8	4,098.0	–2.2	–6.1	38.20	37.93	38.20	38.19	12.7	12.0	12.5	12.5
1975: I	4,010.0	4,054.7	4,040.1	–5.0	2.9	39.08	38.76	39.08	39.08	9.6	9.0	9.6	9.6
II	4,045.2	4,099.2	4,075.6	3.6	4.5	39.63	39.33	39.63	39.63	5.8	6.0	5.7	5.7
III	4,115.4	4,135.9	4,148.4	7.1	3.6	40.35	39.99	40.33	40.33	7.5	7.0	7.3	7.3
IV	4,167.2	4,184.3	4,206.7	5.1	4.8	41.05	40.67	41.05	41.05	7.1	6.9	7.3	7.3
1976: I	4,266.1	4,248.8	4,304.2	9.8	6.3	41.49	41.11	41.50	41.50	4.3	4.4	4.5	4.5
II	4,301.5	4,264.1	4,341.2	3.4	1.4	41.93	41.56	41.92	41.92	4.3	4.5	4.1	4.1
III	4,321.9	4,289.7	4,362.0	1.9	2.4	42.51	42.18	42.50	42.51	5.6	6.1	5.7	5.7
IV	4,357.4	4,352.4	4,398.4	3.3	6.0	43.25	42.88	43.27	43.28	7.1	6.8	7.4	7.4
1977: I	4,410.5	4,393.8	4,457.6	5.0	3.9	43.97	43.68	43.97	43.97	6.9	7.7	6.6	6.6
II	4,489.8	4,464.0	4,535.9	7.4	6.5	44.69	44.45	44.69	44.71	6.7	7.2	6.8	6.8
III	4,570.6	4,509.7	4,616.4	7.4	4.2	45.32	45.14	45.23	45.25	5.8	6.4	4.9	4.9
IV	4,576.1	4,547.5	4,616.6	.5	3.4	46.08	45.92	46.16	46.17	6.9	7.0	8.5	8.4
1978: I	4,588.9	4,552.0	4,636.0	1.1	.4	46.86	46.67	46.86	46.87	6.9	6.8	6.2	6.2
II	4,765.7	4,730.8	4,804.8	16.3	16.7	47.79	47.60	47.77	47.78	8.2	8.2	8.0	8.0
III	4,811.7	4,774.7	4,854.6	3.9	3.8	48.64	48.45	48.60	48.61	7.3	7.3	7.1	7.1
IV	4,876.0	4,834.2	4,925.8	5.5	5.1	49.62	49.37	49.59	49.60	8.3	7.8	8.4	8.4
1979: I	4,888.3	4,855.1	4,939.6	1.0	1.7	50.58	50.38	50.55	50.56	8.0	8.4	7.9	7.9
II	4,891.4	4,852.9	4,949.3	.3	–.2	51.73	51.58	51.71	51.72	9.4	9.9	9.5	9.5
III	4,926.2	4,921.9	4,995.6	2.9	5.8	52.79	52.89	52.81	52.82	8.5	10.5	8.8	8.8
IV	4,942.6	4,947.7	5,011.4	1.3	2.1	53.86	54.20	53.90	53.90	8.3	10.3	8.5	8.5
1980: I	4,958.9	4,961.4	5,028.8	1.3	1.1	55.08	55.73	55.11	55.12	9.4	11.8	9.3	9.3
II	4,857.8	4,861.6	4,922.5	–7.9	–7.8	56.35	57.14	56.34	56.35	9.5	10.5	9.2	9.2
III	4,850.3	4,923.9	4,911.3	–.6	5.2	57.62	58.43	57.60	57.61	9.4	9.3	9.2	9.2
IV	4,936.6	4,965.2	4,986.3	7.3	3.4	59.16	59.89	59.13	59.14	11.1	10.4	11.0	11.1
1981: I	5,032.5	4,985.6	5,086.4	8.0	1.7	60.67	61.42	60.66	60.67	10.6	10.7	10.8	10.8
II	4,997.3	4,995.9	5,048.1	–2.8	.8	61.75	62.53	61.76	61.77	7.3	7.4	7.5	7.5
III	5,056.8	5,003.5	5,110.5	4.9	.6	62.95	63.56	62.95	62.97	8.0	6.7	8.0	8.0
IV	4,997.1	4,972.9	5,056.8	–4.6	–2.4	64.10	64.70	64.10	64.11	7.5	7.4	7.5	7.5
1982: I	4,914.3	4,959.7	4,969.4	–6.5	–1.1	65.00	65.56	64.99	65.00	5.8	5.4	5.7	5.7
II	4,935.5	4,954.2	4,996.9	1.7	–.4	65.84	66.29	65.83	65.84	5.3	4.6	5.3	5.2
III	4,912.1	4,916.8	4,963.4	–1.9	–3.0	66.75	67.16	66.75	66.76	5.6	5.4	5.7	5.7
IV	4,915.6	4,989.1	4,964.8	.3	6.0	67.44	67.83	67.45	67.46	4.2	4.0	4.3	4.3
1983: I	4,972.4	5,036.1	5,021.5	4.7	3.8	67.98	68.22	67.95	67.96	3.3	2.3	3.0	3.0
II	5,089.8	5,113.1	5,142.2	9.8	6.3	68.59	68.80	68.56	68.57	3.6	3.5	3.7	3.7
III	5,180.4	5,200.3	5,233.9	7.3	7.0	69.17	69.35	69.16	69.18	3.4	3.2	3.6	3.6
IV	5,286.8	5,268.5	5,342.0	8.5	5.4	69.75	69.83	69.77	69.79	3.4	2.8	3.6	3.6
1984: I	5,402.3	5,313.9	5,452.6	9.0	3.5	70.59	70.67	70.59	70.60	4.9	4.9	4.8	4.7
II	5,493.8	5,410.8	5,544.3	7.0	7.5	71.18	71.25	71.16	71.17	3.4	3.3	3.3	3.3
III	5,541.3	5,456.0	5,591.1	3.5	3.4	71.74	71.72	71.73	71.74	3.2	2.7	3.2	3.2
IV	5,583.1	5,531.0	5,627.1	3.1	5.6	72.24	72.18	72.24	72.25	2.8	2.5	2.9	2.9
1985: I	5,629.7	5,619.8	5,664.3	3.4	6.6	73.01	72.80	73.00	73.01	4.3	3.5	4.3	4.2
II	5,673.8	5,657.0	5,710.9	3.2	2.7	73.49	73.32	73.50	73.50	2.7	2.8	2.7	2.8
III	5,758.6	5,746.0	5,788.6	6.1	6.4	73.88	73.73	73.85	73.86	2.1	2.3	2.0	1.9
IV	5,806.0	5,772.5	5,839.6	3.3	1.9	74.40	74.38	74.39	74.40	2.9	3.6	3.0	3.0
1986: I	5,858.9	5,828.7	5,887.3	3.7	3.9	74.69	74.71	74.68	74.69	1.5	1.8	1.5	1.5
II	5,883.3	5,872.6	5,901.9	1.7	3.1	75.04	74.85	75.05	75.05	1.9	.7	2.0	2.0
III	5,937.9	5,956.0	5,959.0	3.8	5.8	75.51	75.37	75.51	75.51	2.5	2.9	2.5	2.5
IV	5,969.5	5,993.1	5,981.7	2.1	2.5	76.05	75.94	76.01	76.02	2.9	3.0	2.7	2.7
1987: I	6,013.3	5,985.4	6,027.6	3.0	–.5	76.73	76.76	76.70	76.71	3.6	4.4	3.7	3.7
II	6,077.2	6,066.8	6,095.8	4.3	5.6	77.27	77.40	77.27	77.27	2.9	3.4	3.0	3.0
III	6,128.1	6,138.7	6,145.8	3.4	4.8	77.83	78.01	77.84	77.84	2.9	3.2	3.0	3.0
IV	6,234.4	6,164.1	6,254.1	7.1	1.7	78.46	78.64	78.46	78.46	3.3	3.3	3.2	3.2

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases—Continued

[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
										Chain-type price index		Implicit price deflators	
	Gross domestic product	Final sales of domestic product	Gross national product	Gross domestic product	Final sales of domestic product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1988: I	6,275.9	6,263.0	6,302.0	2.7	6.6	78.99	79.21	78.98	78.99	2.7	2.9	2.7	2.7
II	6,349.8	6,334.0	6,372.8	4.8	4.6	79.79	80.01	79.79	79.79	4.1	4.1	4.1	4.1
III	6,382.3	6,365.9	6,402.0	2.1	2.0	80.73	80.75	80.71	80.72	4.8	3.8	4.7	4.7
IV	6,465.2	6,447.5	6,487.4	5.3	5.2	81.36	81.46	81.33	81.34	3.2	3.6	3.1	3.1
1989: I	6,543.8	6,492.7	6,565.6	5.0	2.8	82.20	82.36	82.20	82.20	4.2	4.5	4.3	4.3
II	6,579.4	6,542.8	6,599.7	2.2	3.1	83.02	83.26	83.01	83.02	4.0	4.4	4.0	4.0
III	6,610.6	6,605.8	6,633.4	1.9	3.9	83.62	83.74	83.62	83.63	2.9	2.4	2.9	3.0
IV	6,633.5	6,620.4	6,663.4	1.4	.9	84.24	84.43	84.24	84.25	3.0	3.3	3.0	3.0
1990: I	6,716.3	6,705.8	6,743.6	5.1	5.3	85.19	85.48	85.18	85.20	4.6	5.1	4.5	4.6
II	6,731.7	6,697.6	6,760.8	.9	–.5	86.17	86.27	86.16	86.17	4.7	3.7	4.7	4.6
III	6,719.4	6,699.2	6,742.6	–.7	.1	87.00	87.26	86.99	87.00	3.9	4.7	3.9	3.9
IV	6,664.2	6,680.0	6,713.3	–3.2	–1.1	87.76	88.41	87.74	87.76	3.5	5.3	3.5	3.5
1991: I	6,631.4	6,652.5	6,667.4	–2.0	–1.6	88.78	89.09	88.76	88.78	4.7	3.1	4.8	4.7
II	6,668.5	6,692.5	6,692.1	2.3	2.4	89.41	89.51	89.40	89.41	2.9	1.9	2.9	2.9
III	6,684.9	6,689.2	6,704.7	1.0	–.2	89.99	90.04	89.99	90.00	2.6	2.4	2.7	2.6
IV	6,720.9	6,692.0	6,749.4	2.2	.2	90.47	90.60	90.47	90.48	2.2	2.5	2.2	2.2
1992: I	6,783.3	6,788.9	6,811.1	3.8	5.9	91.16	91.25	91.16	91.15	3.1	2.9	3.1	3.0
II	6,846.8	6,827.1	6,873.8	3.8	2.3	91.68	91.81	91.67	91.67	2.3	2.5	2.3	2.3
III	6,899.7	6,882.7	6,923.3	3.1	3.3	91.98	92.26	91.97	91.97	1.3	2.0	1.3	1.3
IV	6,990.6	6,972.4	7,015.1	5.4	5.3	92.56	92.81	92.55	92.55	2.5	2.4	2.5	2.5
1993: I	6,988.7	6,953.6	7,020.9	–.1	–1.1	93.33	93.42	93.32	93.32	3.4	2.7	3.4	3.4
II	7,031.2	7,008.8	7,056.0	2.5	3.2	93.83	93.98	93.82	93.83	2.2	2.4	2.2	2.2
III	7,062.0	7,057.9	7,092.4	1.8	2.8	94.26	94.32	94.24	94.26	1.8	1.5	1.8	1.8
IV	7,168.7	7,154.8	7,182.1	6.2	5.6	94.79	94.83	94.79	94.81	2.3	2.2	2.4	2.4
1994: I	7,229.4	7,187.1	7,249.8	3.4	1.8	95.28	95.22	95.28	95.29	2.1	1.7	2.0	2.1
II	7,330.2	7,250.2	7,346.3	5.7	3.6	95.72	95.74	95.71	95.73	1.8	2.2	1.8	1.8
III	7,370.2	7,318.5	7,385.1	2.2	3.8	96.29	96.43	96.28	96.29	2.4	2.9	2.4	2.4
IV	7,461.1	7,387.2	7,476.0	5.0	3.8	96.74	96.86	96.74	96.74	1.9	1.8	1.9	1.9
1995: I	7,488.7	7,427.3	7,510.2	1.5	2.2	97.45	97.51	97.45	97.45	3.0	2.7	3.0	3.0
II	7,503.3	7,469.6	7,528.6	.8	2.3	97.86	98.04	97.86	97.87	1.7	2.2	1.7	1.7
III	7,561.4	7,549.7	7,572.3	3.1	4.4	98.31	98.42	98.30	98.31	1.8	1.6	1.8	1.8
IV	7,621.9	7,602.5	7,645.2	3.2	2.8	98.79	98.85	98.78	98.79	2.0	1.8	2.0	2.0
1996: I	7,676.4	7,669.6	7,703.1	2.9	3.6	99.40	99.42	99.39	99.39	2.5	2.3	2.5	2.5
II	7,802.9	7,773.4	7,820.4	6.8	5.5	99.74	99.74	99.74	99.74	1.4	1.3	1.4	1.4
III	7,841.9	7,792.1	7,853.5	2.0	1.0	100.23	100.16	100.22	100.22	2.0	1.7	1.9	1.9
IV	7,931.3	7,897.6	7,947.9	4.6	5.5	100.63	100.68	100.63	100.63	1.6	2.1	1.7	1.6
1997: I	8,018.7	7,966.4	8,025.1	4.5	3.5	101.33	101.25	101.34	101.32	2.8	2.3	2.8	2.8
II	8,115.4	8,022.7	8,126.7	4.9	2.9	101.77	101.44	101.78	101.75	1.8	.8	1.7	1.7
III	8,192.2	8,132.6	8,196.1	3.8	5.6	102.11	101.73	102.10	102.08	1.3	1.2	1.3	1.3
IV	8,253.2	8,180.3	8,255.7	3.0	2.4	102.44	102.03	102.42	102.39	1.3	1.2	1.2	1.2
1998: I	8,391.1	8,285.5	8,396.0	6.9	5.2	102.68	102.01	102.62	102.59	.9	–.1	.8	.8
II	8,436.3	8,389.5	8,438.2	2.2	5.1	102.96	102.21	102.93	102.91	1.1	.8	1.2	1.2
III	8,515.7	8,439.4	8,492.8	3.8	2.4	103.30	102.48	103.31	103.29	1.3	1.0	1.5	1.5
IV	8,639.5	8,568.7	8,624.4	5.9	6.3	103.51	102.72	103.57	103.55	.8	.9	1.0	1.0
1999: I	8,717.6	8,665.0	8,705.1	3.7	4.6	104.03	103.13	104.07	104.06	2.0	1.6	2.0	2.0
II	8,758.3	8,737.5	8,746.0	1.9	3.4	104.37	103.62	104.43	104.41	1.3	1.9	1.4	1.4
III	8,879.8	8,835.0	8,866.8	5.7	4.5	104.65	104.06	104.71	104.69	1.1	1.7	1.1	1.1
IV	9,037.2	8,964.6	9,005.2	7.3	6.0	105.16	104.65	105.21	105.19	2.0	2.3	1.9	1.9
2000: I	9,156.7	9,116.3	9,118.5	5.4	6.9	105.86	105.47	105.91	105.88	2.7	3.2	2.7	2.7

D. Domestic Perspectives

This table presents data collected from other government agencies and private organizations, as noted. Quarterly data are shown in the middle month of the quarter.

Table D.1.—Domestic Perspectives

	1998	1999	1999										2000			
			Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Consumer and producer prices, (monthly data seasonally adjusted) [1]																
Consumer price index for all urban consumers, 1982–84=100:																
All items	163.0	166.6	165.1	166.2	166.2	166.2	166.7	167.2	167.8	168.1	168.4	168.8	169.1	170.0	171.2	171.2
Less food and energy	173.4	177.0	176.1	176.7	176.8	177.0	177.4	177.5	178.1	178.4	178.7	178.9	179.2	179.5	180.3	180.6
Services	184.2	188.8	187.6	188.1	188.3	188.5	189.1	189.4	189.8	190.2	190.8	191.1	191.6	192.2	193.1	193.5
Producer price index, 1982=100:																
Finished goods	130.7	133.1	131.6	132.2	132.3	132.4	132.7	133.5	134.6	134.6	134.7	134.9	135.0	136.4	137.7	137.3
Less food and energy	143.7	146.1	145.6	145.7	145.8	145.8	145.7	145.8	146.7	147.0	146.9	147.0	146.7	147.2	147.4	147.6
Finished consumer goods	128.9	132.1	130.1	130.9	131.0	131.3	131.7	132.7	134.1	134.0	134.2	134.4	134.5	136.3	138.0	137.3
Capital equipment	137.6	137.6	137.5	137.6	137.7	137.5	137.3	137.4	137.6	137.9	137.8	138.0	138.1	138.1	138.3	138.6
Intermediate materials	123.0	123.2	121.1	121.9	122.3	122.7	123.5	124.1	124.7	124.9	125.2	125.6	126.3	127.3	128.5	128.4
Crude materials	96.8	98.2	89.6	91.5	96.7	96.9	97.1	102.1	106.8	104.2	109.6	104.2	107.4	111.9	113.9	111.1
Money, interest rates, and stock prices																
Money stock (monthly and quarterly data seasonally adjusted): [2]																
Percent change:																
M1	.....	.....	0.65	0.53	–0.49	–0.15	–0.05	–0.08	–0.25	0.47	0.75	1.30	–0.24	–1.37	0.53	0.35
M2	.....	.....	.35	.60	.51	.40	.48	.38	.42	.35	.41	.61	.51	.20	.75	.83
Ratio:																
Gross domestic product to M1	8.110	8.396	.....	.....	8.291	.....	.....	8.467	.....	.....	8.555	.....	.....	8.715	.....	.....
Personal income to M2	1.743	1.716	1.715	1.713	1.711	1.718	1.715	1.716	1.710	1.725	1.725	1.719	1.723	1.726	1.724	1.722
Interest rates (percent, not seasonally adjusted): [2]																
Federal funds rate	5.35	4.97	4.81	4.74	4.74	4.76	4.99	5.07	5.22	5.20	5.42	5.30	5.45	5.73	5.85	6.02
Discount rate on new 91-day Treasury bills	4.81	4.66	4.48	4.28	4.51	4.59	4.60	4.76	4.73	4.88	5.07	5.23	5.34	5.57	5.72	5.67
Yield on new high-grade corporate bonds	6.44	7.00	6.52	6.58	6.86	7.21	7.20	7.36	7.38	7.51	7.35	7.55	7.83	7.59	7.54	7.49
10-Year U.S. Treasury bonds	5.26	5.65	5.23	5.18	5.54	5.90	5.79	5.94	5.92	6.11	6.03	6.28	6.66	6.52	6.26	5.99
Yield on municipal bonds, 20-bond average	5.09	5.43	5.10	5.08	5.18	5.37	5.36	5.58	5.69	5.92	5.86	5.95	6.08	6.00	5.83	5.75
Mortgage commitment rate	6.94	7.43	7.04	6.92	7.15	7.55	7.63	7.94	7.82	7.85	7.74	7.91	8.21	8.33	8.24	8.15
Average prime rate charged by banks	8.35	8.00	7.75	7.75	7.75	7.75	8.00	8.06	8.25	8.25	8.37	8.50	8.50	8.73	8.83	9.00
Index of stock prices (not seasonally adjusted): [3]																
500 common stocks, 1941–43=10	1,084.31	1,326.06	1,281.66	1,334.76	1,332.07	1,322.55	1,380.99	1,327.49	1,318.17	1,300.01	1,391.00	1,428.68	1,425.59	1,388.87	1,442.21	1,461.36
Labor markets (thousands, monthly and quarterly data seasonally adjusted, unless otherwise noted) [1]																
Civilian labor force	137,673	139,368	138,804	139,086	139,013	139,332	139,336	139,372	139,475	139,697	139,834	140,108	140,910	141,165	140,867	141,230
Labor force participation rates (percent):																
Males 20 and over	76.8	76.7	76.7	76.7	76.6	76.6	76.6	76.6	76.6	76.5	76.5	76.6	77.0	77.2	76.9	76.7
Females 20 and over	60.4	60.7	60.7	60.8	60.7	60.9	60.7	60.7	60.6	60.7	60.7	60.7	61.2	61.2	61.2	61.4
16–19 years of age	52.8	52.0	52.0	52.0	51.9	51.4	51.8	51.2	51.5	52.1	52.1	52.3	52.1	52.4	51.7	53.1
Civilian employment	131,463	133,488	132,976	133,054	133,190	133,398	133,399	133,530	133,650	133,940	134,098	134,420	135,221	135,362	135,159	135,706
Ratio, civilian employment to working-age population (percent)	64.1	64.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.8	64.8	64.7	64.9
Persons engaged in nonagricultural activities	128,085	130,207	129,686	129,713	129,900	130,068	130,121	130,296	130,471	130,702	130,788	131,141	131,850	131,954	131,801	132,351
Employees on nonagricultural payrolls	125,826	128,616	127,813	128,134	128,162	128,443	128,816	128,945	129,048	129,332	129,589	129,898	130,292	130,319	130,777	131,117
Goods-producing industries	25,347	25,240	25,285	25,288	25,199	25,180	25,247	25,148	25,186	25,198	25,257	25,283	25,410	25,382	25,471	25,431
Services-producing industries	100,480	103,376	102,528	102,846	102,963	103,263	103,569	103,797	103,862	104,134	104,332	104,615	104,882	104,937	105,306	105,686
Average weekly hours, manufacturing (hours)	41.7	41.7	41.5	41.6	41.7	41.7	41.9	41.8	41.8	41.8	41.7	41.6	41.7	41.8	41.7	42.1
Average weekly overtime hours, manufacturing (hours)	4.6	4.6	4.5	4.3	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.7	4.8	4.6	4.9
Number of persons unemployed	6,210	5,880	5,828	6,032	5,823	5,934	5,937	5,842	5,825	5,757	5,736	5,688	5,689	5,804	5,708	5,524
Unemployment rates (percent):																
Total	4.5	4.2	4.2	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.1	4.1	3.9
15 weeks and over	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
Average duration of unemployment (weeks)	14.5	13.4	13.6	13.2	13.4	14.3	13.5	13.2	13.0	13.2	13.0	12.8	13.2	12.5	12.8	12.4
Nonfarm business sector, 1992=100:																
Output per hour of all persons	110.1	113.5	.....	.....	112.4	.....	.....	113.7	.....	.....	115.6	.....	.....	116.3	.....	.....
Unit labor costs	108.7	110.5	.....	.....	111.1	.....	.....	111.0	.....	.....	110.2	.....	.....	110.6	.....	.....
Hourly compensation	119.8	125.4	.....	.....	124.8	.....	.....	126.2	.....	.....	127.4	.....	.....	128.7	.....	.....

See footnotes at the end of the table.

Table D.1.—Domestic Perspectives—Continued

	1998	1999	1999										2000			
			Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Construction (monthly data seasonally adjusted at annual rates) [4]																
Total new private construction put in place (billions of dollars)	520.1	547.1	555.4	547.9	546.9	546.9	546.0	541.8	540.9	544.5	550.0	557.7	565.8	581.8	587.2	583.8
Residential	294.3	321.7	323.1	322.2	321.8	320.9	320.3	319.7	320.0	322.9	326.1	330.1	337.2	339.8	343.8	340.1
Nonresidential	181.9	183.9	189.3	184.4	184.2	182.9	183.3	181.0	180.9	181.3	183.1	185.1	185.3	200.9	201.6	203.4
Housing starts (thousands of units):																
Total	1,617	1,667	1,737	1,561	1,649	1,562	1,704	1,657	1,628	1,636	1,663	1,769	1,744	1,822	1,618	1,663
1-unit structures	1,271	1,335	1,377	1,248	1,368	1,269	1,348	1,285	1,290	1,343	1,344	1,441	1,361	1,324	1,325	1,329
New 1-family houses sold (thousands of units)	886	907	881	930	896	948	936	914	848	906	895	916	927	912	965	909
Manufacturing and trade, inventories and sales (millions of dollars, monthly data seasonally adjusted) [4]																
Inventories:																
Total manufacturing and trade	1,085,669	1,136,555	1,108,353	1,110,640	1,114,258	1,118,449	1,122,570	1,126,111	1,130,313	1,134,645	1,144,815	1,150,554	1,156,942	1,162,448	1,166,278	.....
Manufacturing	456,330	460,048	463,578	463,194	463,742	462,690	465,043	464,351	465,669	467,522	469,836	470,377	472,706	475,999	476,216	.....
Merchant wholesalers	291,478	309,445	292,488	292,966	294,356	295,593	298,467	299,906	301,510	303,570	306,900	307,925	310,368	312,230	314,476	.....
Retail trade	337,861	367,062	352,287	354,480	356,160	360,166	359,060	361,854	363,134	363,553	368,079	372,252	373,868	374,219	375,586	.....
Sales:																
Total manufacturing and trade	9,352,958	9,994,284	811,873	813,894	823,553	831,141	836,625	846,499	845,425	850,386	861,000	871,172	877,271	881,157	891,250	.....
Manufacturing	4,052,248	4,259,532	349,065	347,568	350,624	354,702	357,301	361,844	358,709	360,201	364,971	367,872	370,565	370,865	377,108	.....
Merchant wholesalers	2,555,117	2,742,482	220,492	221,975	225,938	229,134	229,508	231,625	232,968	235,226	238,540	241,672	243,213	243,128	245,592	.....
Retail trade	2,745,593	2,994,929	242,316	244,351	246,991	247,305	249,816	253,030	253,748	254,959	257,489	261,628	263,493	267,164	268,550	.....
Industrial production indexes and capacity utilization rates (monthly data seasonally adjusted) [2]																
Industrial production indexes, 1992=100:																
Total	132.4	137.1	135.1	135.5	136.2	136.6	137.4	137.7	138.1	139.1	139.4	140.1	141.1	141.4	142.4	143.7
By industry:																
Durable manufactures	160.7	172.8	168.1	169.4	170.8	172.2	173.8	174.4	175.0	176.5	177.4	178.4	181.0	181.5	184.0	186.1
Nondurable manufactures	111.6	111.8	111.8	111.5	111.9	111.3	111.0	111.5	111.8	113.0	113.6	113.7	113.5	113.7	113.9	114.3
By market category:																
Consumer goods	116.2	116.9	116.7	116.5	116.8	117.0	116.8	117.6	117.1	118.2	117.6	118.1	118.8	118.8	118.9	119.6
Capacity utilization rates (percent):																
Total industry	81.8	80.6	80.5	80.4	80.5	80.5	80.7	80.6	80.6	81.0	80.9	81.1	81.4	81.3	81.7	82.1
Manufacturing	80.9	79.8	79.6	79.5	79.7	79.6	79.7	79.7	79.7	80.2	80.3	80.3	80.7	80.6	81.0	81.4
Credit market borrowing (billions of dollars, quarterly data seasonally adjusted at annual rates) [2]																
All sectors, by instrument:																
Total	2,113.7	2215.2	.....	.....	1,850.9	.....	.....	2,308.5	.....	.....	2194.7	.....	.....	.....	.....	.....
Open market paper	193.1	229.9	.....	.....	27.7	.....	.....	180.6	.....	.....	556.5	.....	.....	.....	.....	.....
U.S. government securities	418.3	520.1	.....	.....	466.8	.....	.....	569.8	.....	.....	527.0	.....	.....	.....	.....	.....
Municipal securities	96.8	68.2	.....	.....	48.0	.....	.....	77.0	.....	.....	47.0	.....	.....	.....	.....	.....
Corporate and foreign bonds	535.6	452.5	.....	.....	538.2	.....	.....	417.1	.....	.....	90.3	.....	.....	.....	.....	.....
Bank loans, n.e.c.	145.0	69.1	.....	.....	38.3	.....	.....	100.0	.....	.....	75.9	.....	.....	.....	.....	.....
Other loans and advances	158.5	177.5	.....	.....	101.3	.....	.....	224.5	.....	.....	191.4	.....	.....	.....	.....	.....
Mortgages	498.6	601.1	.....	.....	568.2	.....	.....	662.1	.....	.....	590.7	.....	.....	.....	.....	.....
Consumer credit	67.6	96.8	.....	.....	62.4	.....	.....	77.3	.....	.....	115.9	.....	.....	.....	.....	.....

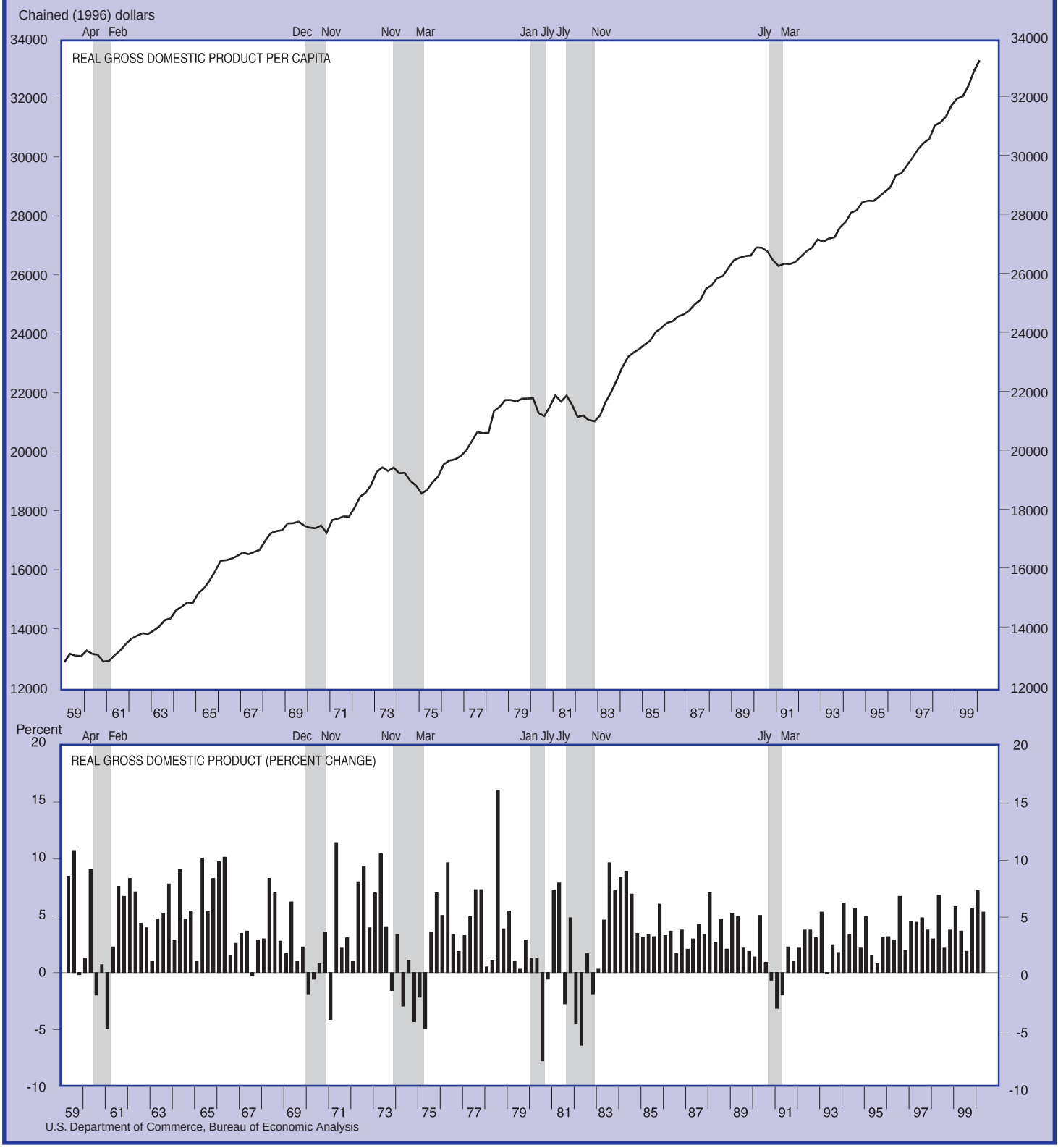
Sources:
1. Bureau of Labor Statistics
2. Federal Reserve Board
3. Standard and Poor's, Inc.
4. Bureau of the Census

n.e.c. Not elsewhere classified

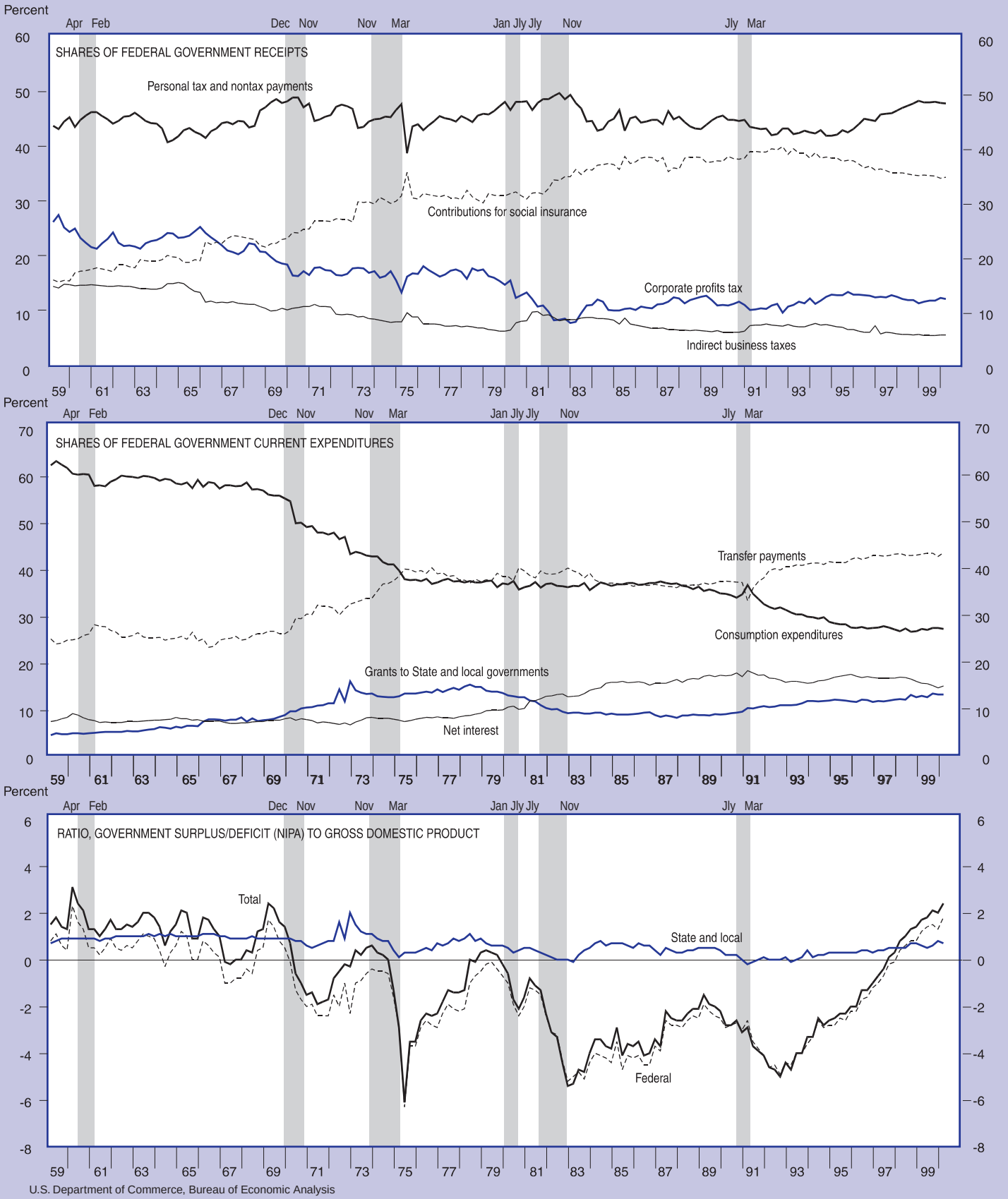
E. Charts

Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.

SELECTED NIPA SERIES

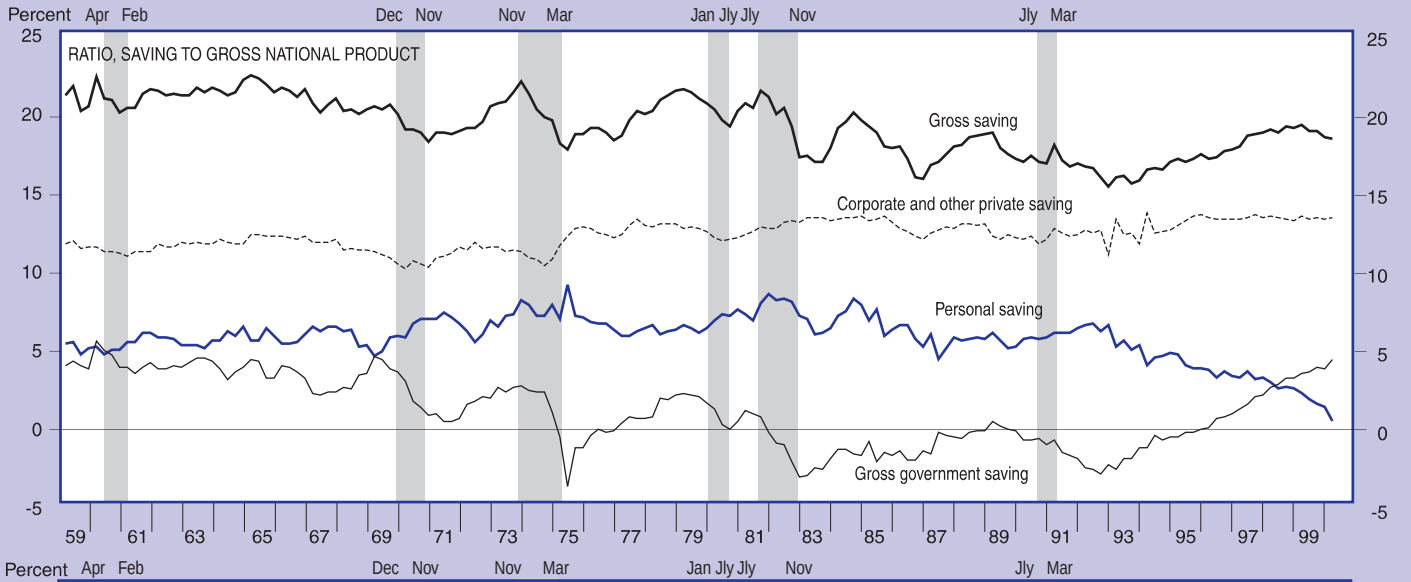


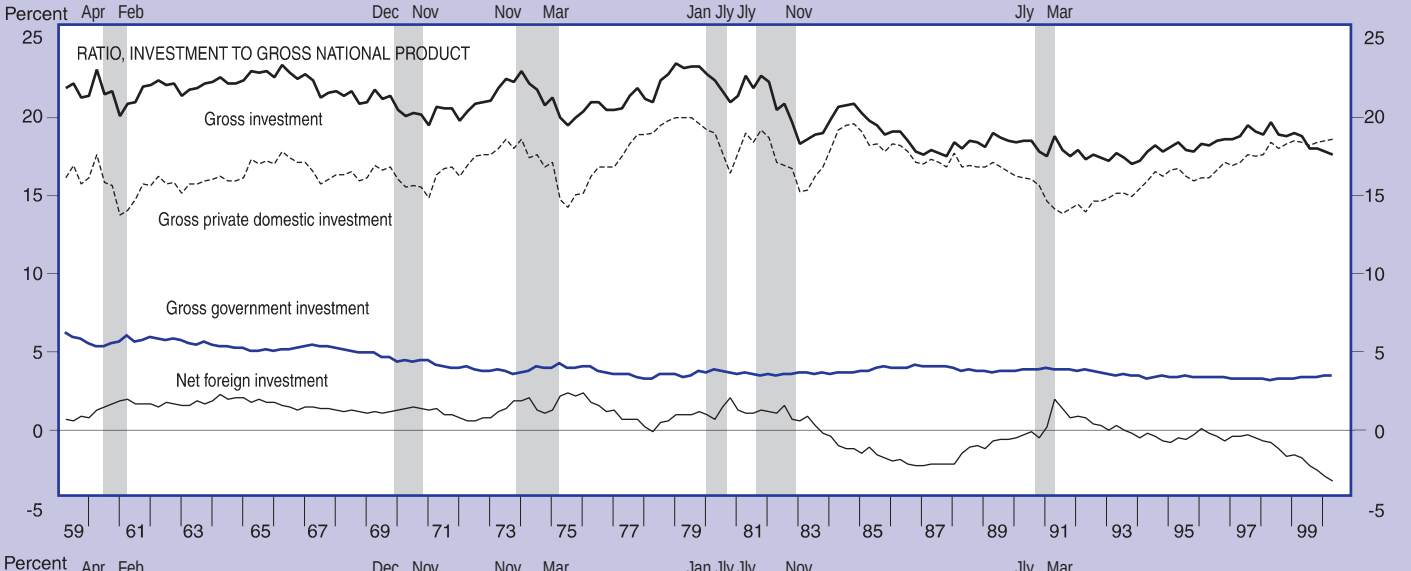
SELECTED NIPA SERIES

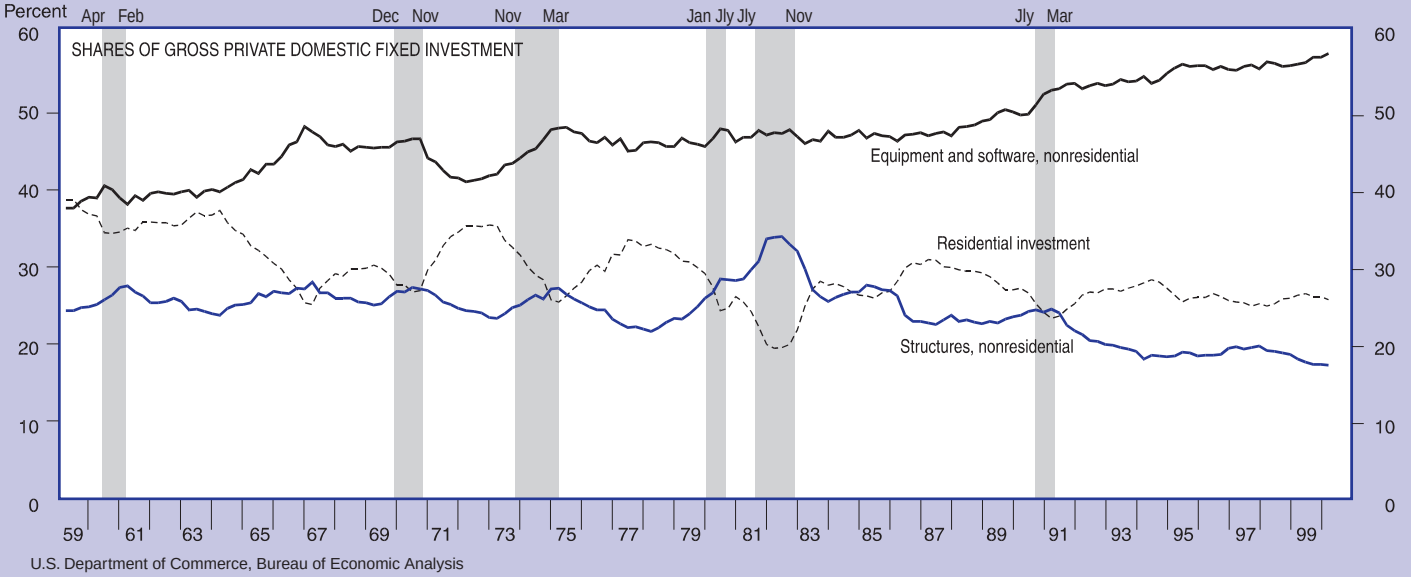


U.S. Department of Commerce, Bureau of Economic Analysis

SELECTED NIPA SERIES







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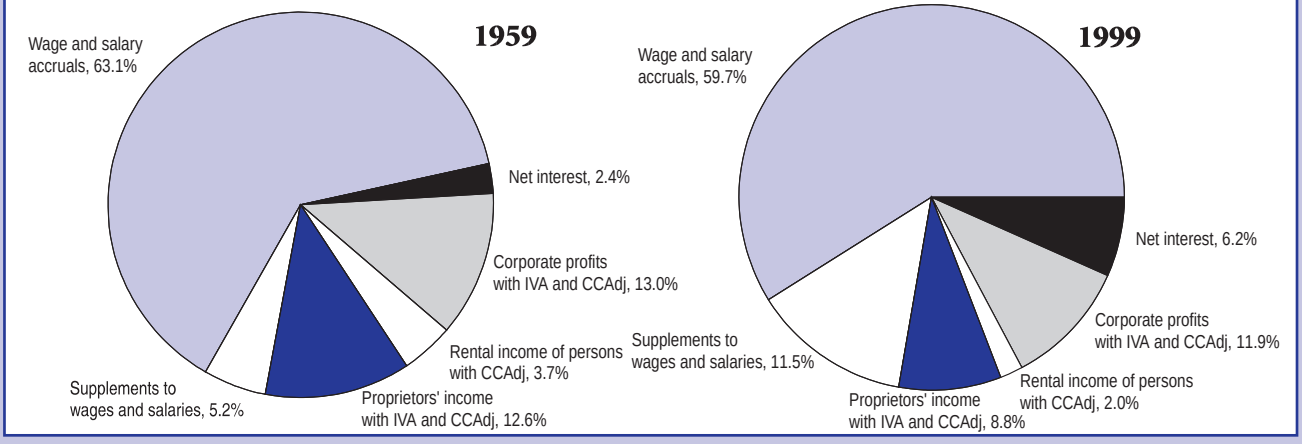
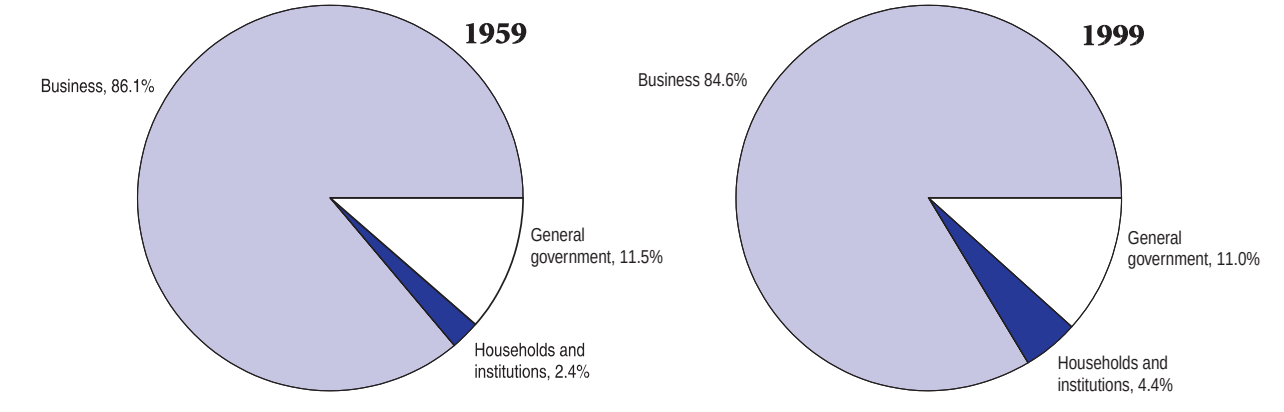
SHARES OF NATIONAL INCOME



SHARES OF GROSS DOMESTIC PRODUCT BY SECTOR



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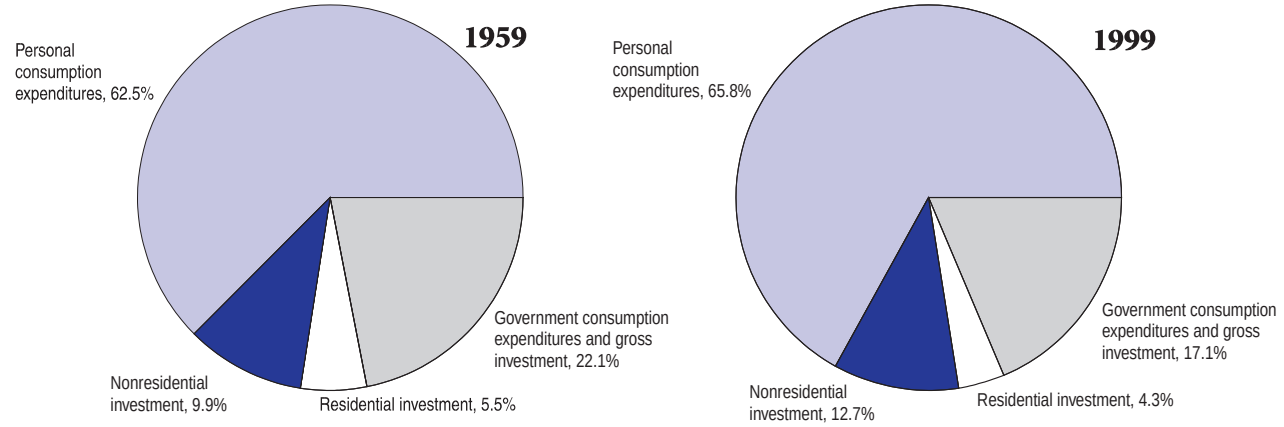

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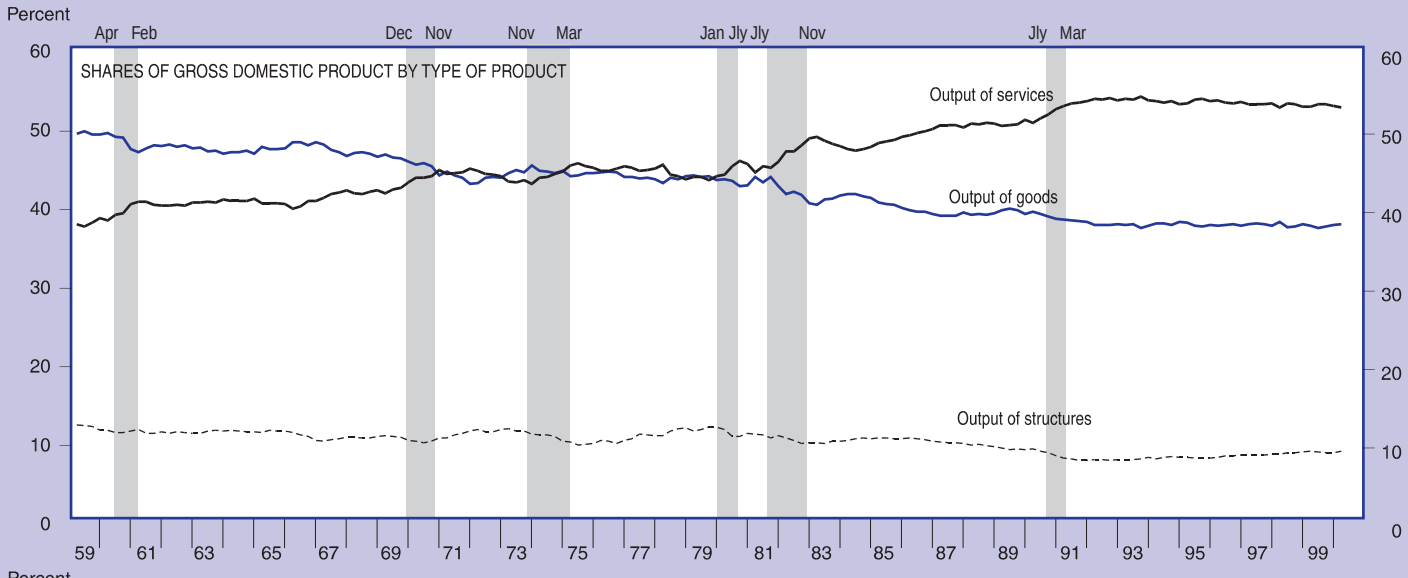

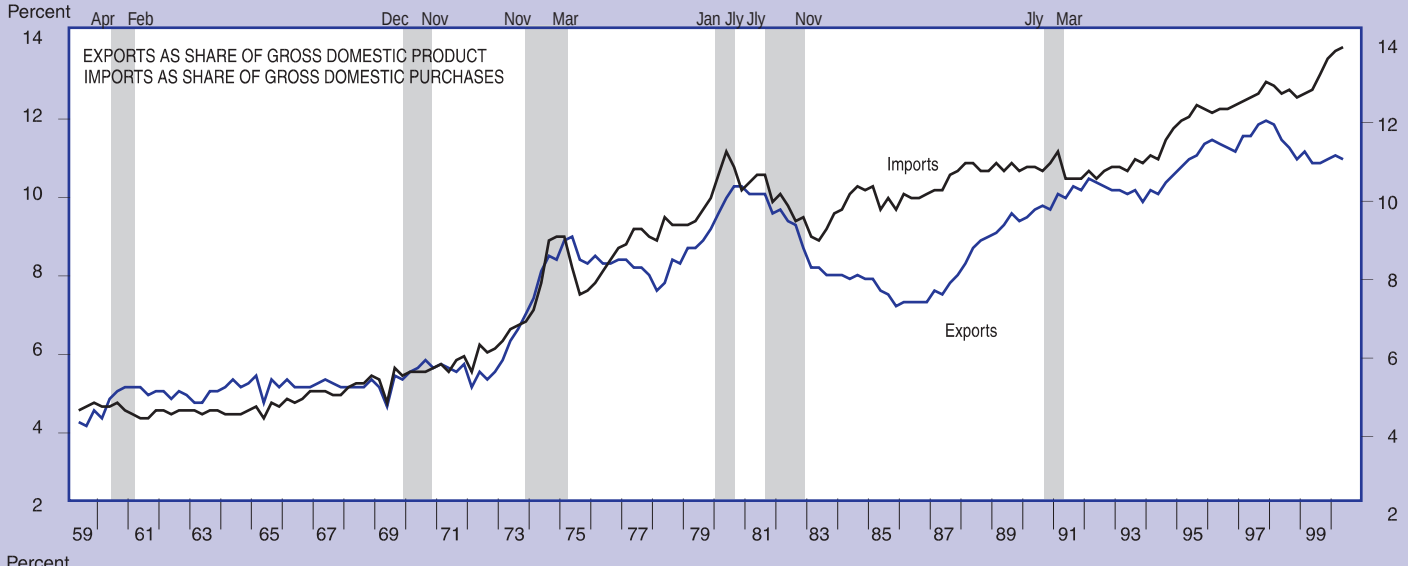

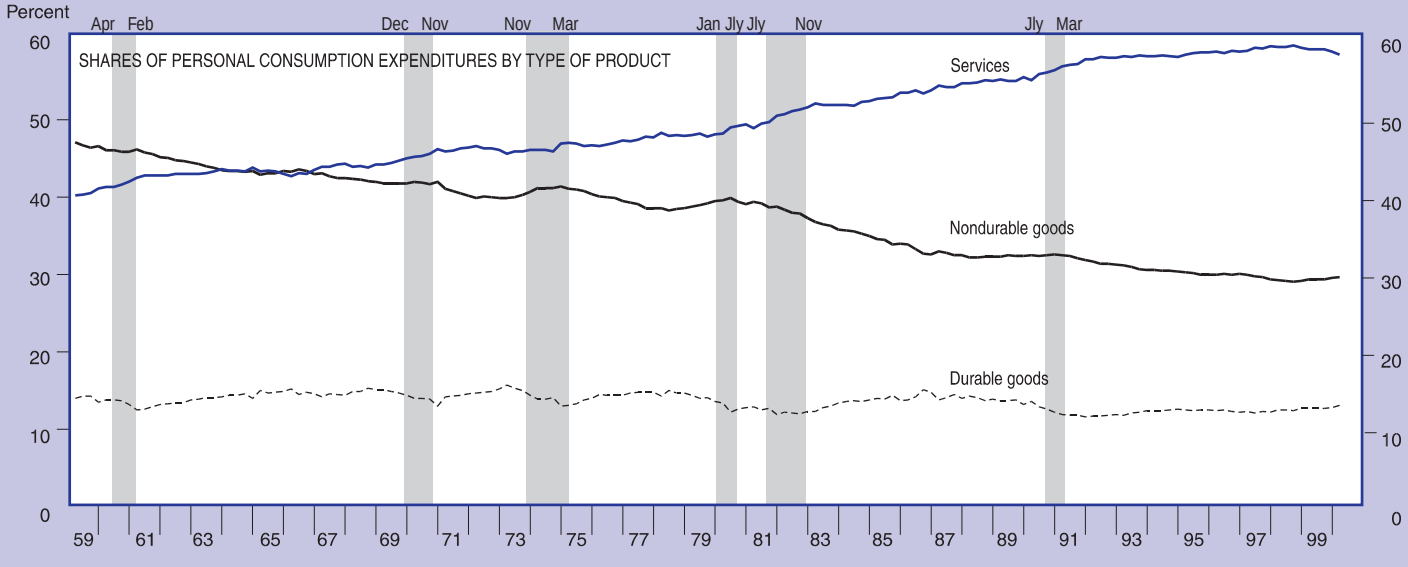

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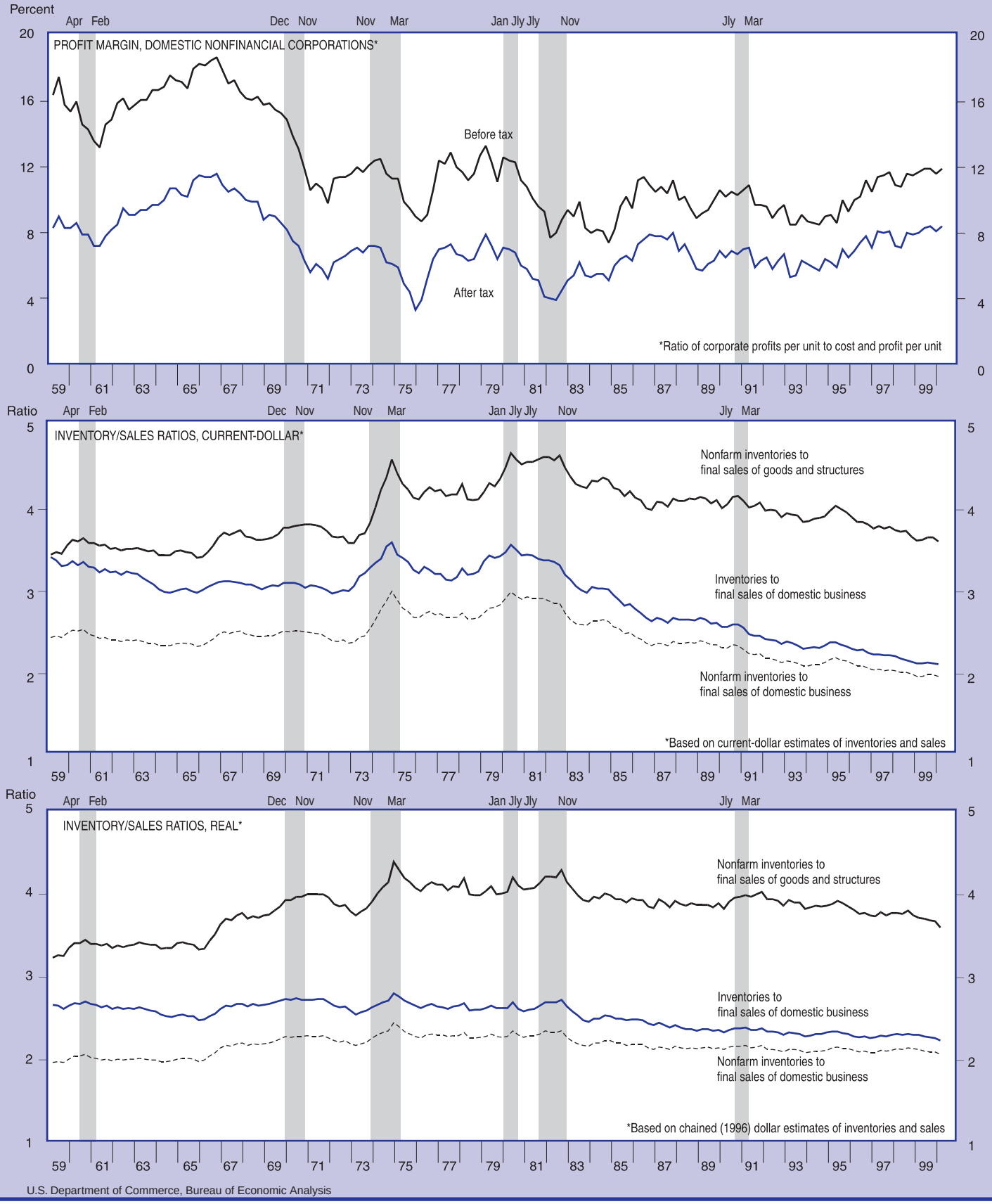
SELECTED NIPA SERIES



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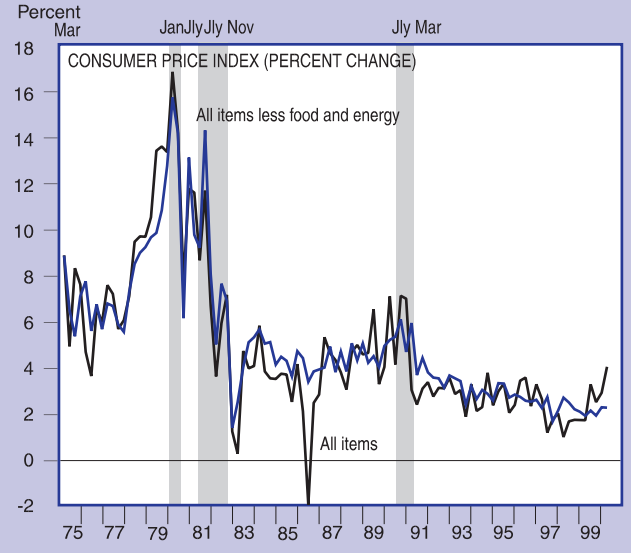
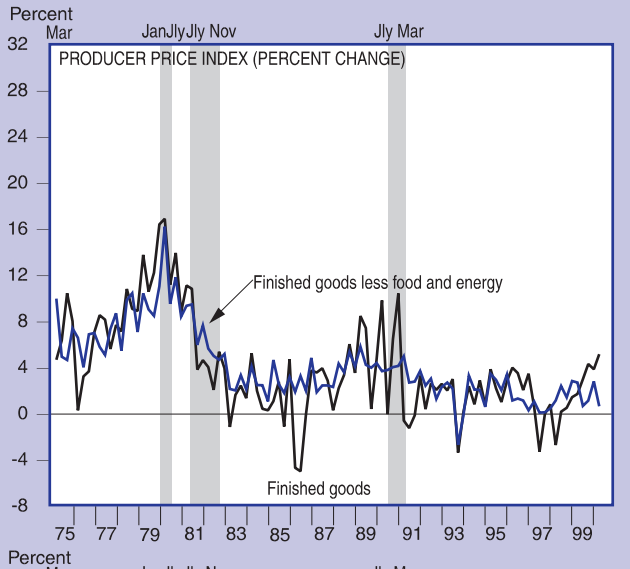
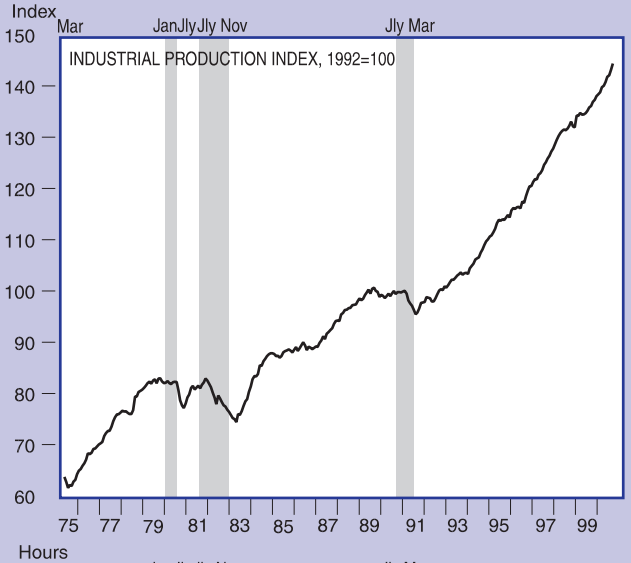
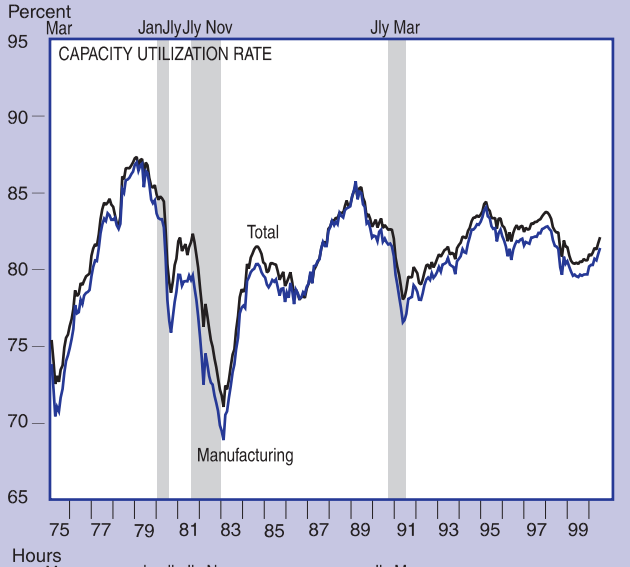
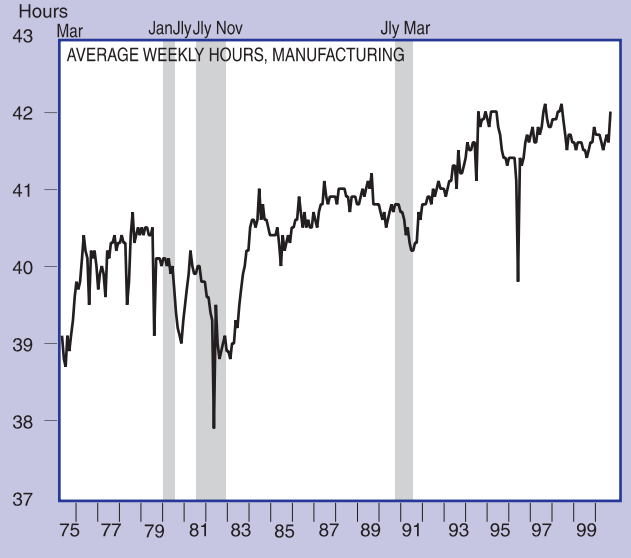
OTHER INDICATORS OF THE DOMESTIC ECONOMY

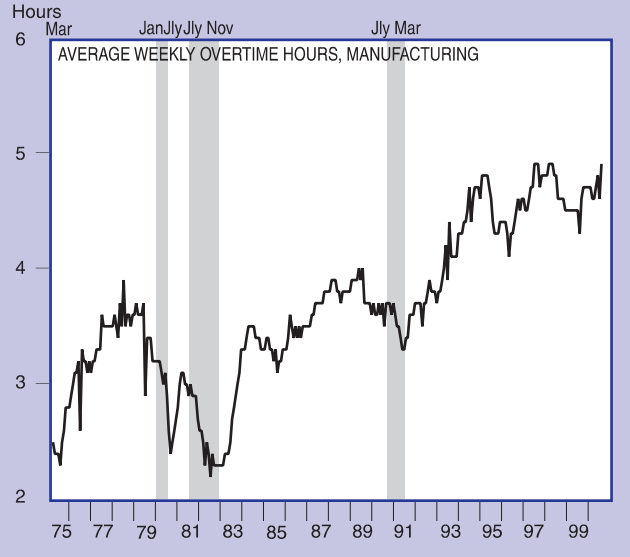






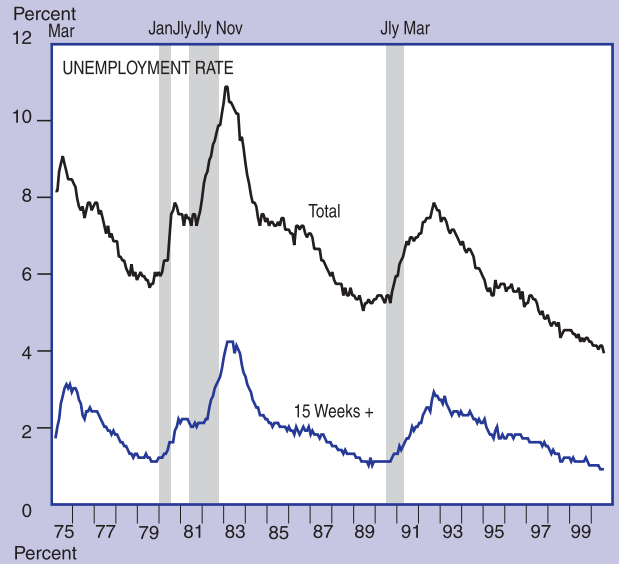


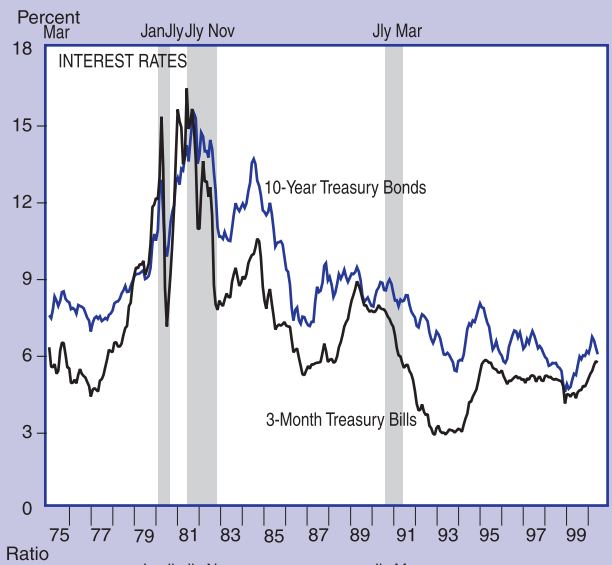


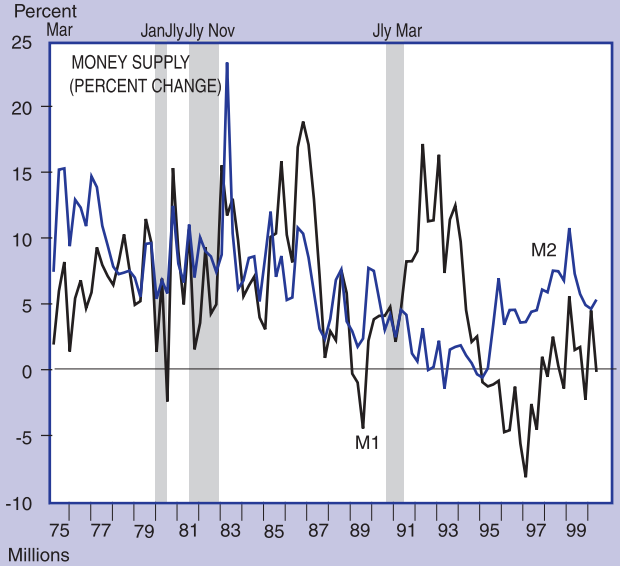


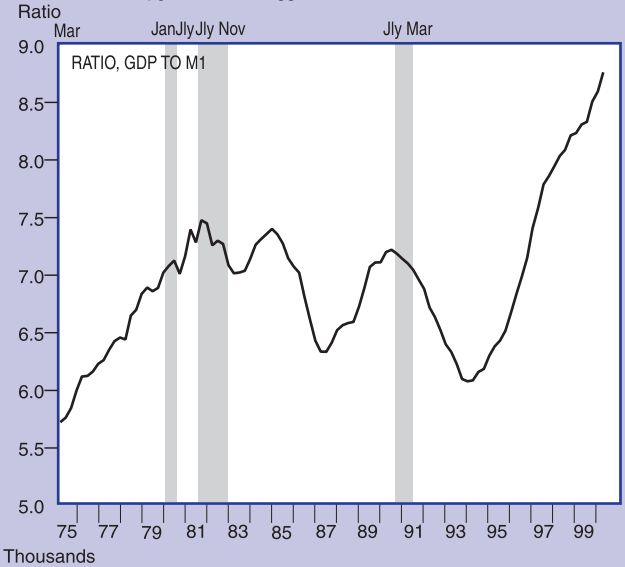
U.S. Department of Commerce, Bureau of Economic Analysis

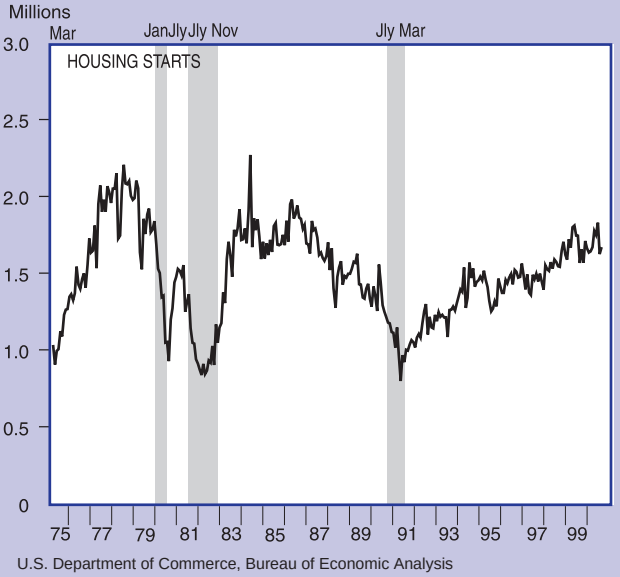
OTHER INDICATORS OF THE DOMESTIC ECONOMY

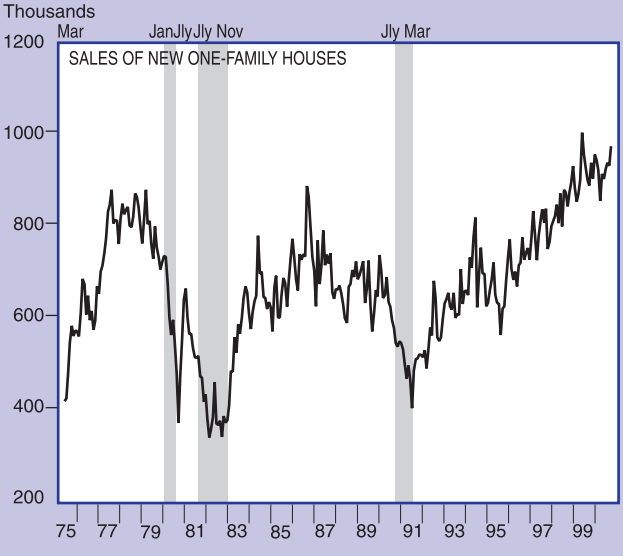












U.S. Department of Commerce, Bureau of Economic Analysis

International Data

F. Transactions Tables

Table F.1 includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on May 19, 2000 and include "preliminary" estimates for March 2000 and "revised" estimates for February 2000. The sources for the other tables in this section are as noted.

Table F.1.—U.S. International Transactions in Goods and Services

[Millions of dollars; monthly estimates seasonally adjusted]

	1998	1999	1999											2000		
			Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.r	Mar.p
Exports of goods and services	**933,907**	**960,288**	**76,912**	**76,935**	**77,950**	**77,781**	**78,443**	**78,798**	**82,188**	**82,266**	**82,711**	**83,021**	**85,562**	**84,342**	**84,836**	**87,263**
Goods	**670,246**	**683,221**	**54,609**	**54,231**	**55,174**	**55,026**	**55,377**	**55,795**	**59,044**	**58,839**	**58,832**	**59,184**	**61,942**	**60,714**	**60,818**	**62,669**
Foods, feeds, and beverages	46,397	45,366	3,588	3,545	3,727	3,722	3,828	3,799	3,919	4,018	4,025	3,703	3,864	3,946	3,824	3,960
Industrial supplies and materials	148,266	147,019	11,366	11,413	11,589	11,730	11,704	11,511	12,506	13,110	13,296	13,804	13,737	13,435	13,746	14,705
Capital goods, except automotive	299,612	310,663	24,852	24,857	25,042	24,911	24,799	25,698	27,314	26,680	26,316	26,222	28,395	27,600	26,974	27,573
Automotive vehicles, engines, and parts	73,157	74,691	5,958	5,835	6,164	6,076	6,490	6,087	6,681	6,193	6,301	6,240	6,627	6,677	6,592	6,913
Consumer goods (nonfood), except automotive	79,261	80,627	6,794	6,507	6,727	6,490	6,533	6,643	6,571	6,901	6,738	6,902	7,259	7,060	7,403	7,420
Other goods	35,444	36,848	3,162	3,112	2,918	3,239	3,224	3,089	2,908	3,085	3,057	2,990	2,999	3,004	3,388	2,675
Adjustments [1]	–11,892	–11,993	–1,113	–1,038	–994	–1,143	–1,202	–1,032	–855	–1,149	–900	–676	–938	–1,008	–1,108	–576
Services	**263,661**	**277,067**	**22,303**	**22,704**	**22,776**	**22,755**	**23,066**	**23,003**	**23,144**	**23,427**	**23,879**	**23,837**	**23,620**	**23,628**	**24,018**	**24,594**
Travel	71,250	74,448	6,029	6,130	6,181	6,095	6,153	6,141	6,091	6,379	6,587	6,451	6,241	6,351	6,507	6,702
Passenger fares	19,996	21,123	1,659	1,716	1,732	1,744	1,766	1,746	1,753	1,845	1,894	1,848	1,799	1,824	1,861	1,902
Other transportation	25,518	27,313	2,130	2,245	2,240	2,213	2,281	2,224	2,331	2,269	2,401	2,444	2,406	2,402	2,432	2,517
Royalties and license fees	36,808	37,213	3,099	3,081	3,116	3,117	3,113	3,087	3,082	3,082	3,098	3,100	3,099	3,102	3,100	3,094
Other private services	92,116	99,357	8,026	8,171	8,148	8,135	8,217	8,352	8,340	8,397	8,480	8,583	8,639	8,681	8,853	9,085
Transfers under U.S. military agency sales contracts [2]	17,155	16,688	1,291	1,292	1,289	1,380	1,430	1,381	1,473	1,378	1,337	1,328	1,352	1,194	1,190	1,218
U.S. Government miscellaneous services	818	925	69	69	70	71	106	72	74	77	82	83	84	74	75	76
Imports of goods and services	**1,098,189**	**1,227,863**	**95,494**	**96,317**	**96,900**	**99,331**	**103,234**	**104,093**	**105,935**	**105,814**	**107,646**	**108,995**	**110,172**	**111,789**	**113,551**	**117,439**
Goods	**917,178**	**1,030,379**	**79,841**	**79,971**	**80,568**	**82,985**	**86,616**	**87,277**	**89,236**	**89,110**	**90,708**	**92,053**	**93,436**	**94,868**	**96,212**	**99,718**
Foods, feeds, and beverages	41,243	43,588	3,513	3,381	3,546	3,632	3,757	3,671	3,667	3,707	3,634	3,722	3,832	3,624	3,649	3,803
Industrial supplies and materials	200,140	221,629	15,390	16,040	16,967	17,977	18,201	18,672	19,934	20,254	20,842	20,703	21,108	21,828	23,724	24,492
Capital goods, except automotive	269,557	296,898	23,652	23,046	23,286	24,206	25,467	25,499	25,141	24,935	25,851	26,274	26,453	26,563	26,889	27,424
Automotive vehicles, engines, and parts	149,054	179,697	14,271	14,577	13,672	14,553	15,439	15,432	15,693	15,325	15,040	15,515	16,223	16,736	15,724	16,745
Consumer goods (nonfood), except automotive	216,515	239,587	19,436	18,915	19,341	18,898	19,909	20,194	20,236	20,256	20,919	21,188	21,394	21,502	21,396	22,585
Other goods	35,387	43,893	3,366	3,786	3,485	3,505	3,565	3,612	4,098	3,771	3,907	3,730	3,673	3,922	3,969	3,993
Adjustments [1]	5,282	5,087	213	226	271	213	277	197	468	863	514	922	753	693	860	676
Services	**181,011**	**197,484**	**15,653**	**16,346**	**16,332**	**16,346**	**16,618**	**16,816**	**16,699**	**16,704**	**16,938**	**16,942**	**16,736**	**16,921**	**17,339**	**17,721**
Travel	56,105	60,092	4,879	5,205	5,047	4,941	4,941	5,057	4,944	4,956	5,226	5,137	5,028	5,131	5,262	5,397
Passenger fares	19,797	21,305	1,677	1,809	1,766	1,757	1,791	1,810	1,764	1,788	1,861	1,863	1,794	1,837	1,923	2,011
Other transportation	30,457	34,500	2,530	2,694	2,697	2,741	2,932	2,963	3,105	3,070	3,055	3,100	3,103	3,065	3,148	3,270
Royalties and license fees	11,292	12,437	1,060	1,075	1,076	1,069	1,050	1,003	991	991	1,021	1,028	1,034	1,031	1,035	1,038
Other private services	47,670	51,591	4,113	4,158	4,321	4,398	4,447	4,461	4,359	4,363	4,280	4,330	4,298	4,373	4,486	4,518
Direct defense expenditures [2]	12,841	14,604	1,168	1,178	1,186	1,197	1,210	1,262	1,273	1,273	1,240	1,232	1,228	1,233	1,233	1,234
U.S. Government miscellaneous services	2,849	2,955	226	227	239	243	247	260	263	263	255	252	251	251	252	253
Memoranda:																
Balance on goods	–246,932	–347,158	–25,233	–25,741	–25,394	–27,959	–31,239	–31,482	–30,192	–30,271	–31,875	–32,870	–31,494	–34,155	–35,393	–37,049
Balance on services	82,650	79,583	6,650	6,358	6,444	6,409	6,448	6,187	6,445	6,723	6,941	6,895	6,884	6,707	6,679	6,873
Balance on goods and services	–164,282	–267,575	–18,583	–19,383	–18,950	–21,550	–24,791	–25,295	–23,747	–23,548	–24,934	–25,975	–24,610	–27,448	–28,714	–30,176

p Preliminary.
r Revised.
1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and definitions used to prepare BEA's international and national accounts.
2. Contains goods that cannot be separately identified.
Source: U.S. Department of Commerce, Bureau of Economic Analysis and Bureau of the Census

Table F.2.—U.S. International Transactions

[Millions of dollars]

Line	(Credits +; debits –) [1]	1998	1999 [P]	Not seasonally adjusted 1999 I	Not seasonally adjusted 1999 II	Not seasonally adjusted 1999 III [r]	Not seasonally adjusted 1999 IV [P]	Seasonally adjusted 1999 I [r]	Seasonally adjusted 1999 II [r]	Seasonally adjusted 1999 III [r]	Seasonally adjusted 1999 IV [P]
	Current account										
1	**Exports of goods and services and income receipts**	**1,192,231**	**1,233,944**	**293,632**	**302,257**	**310,308**	**327,747**	**295,503**	**300,939**	**313,183**	**324,317**
2	Exports of goods and services	933,907	960,088	229,124	235,175	240,585	255,204	231,567	234,174	243,254	251,092
3	Goods, balance of payments basis [2]	670,246	683,021	163,344	168,453	166,810	184,414	164,008	165,577	173,680	179,756
4	Services [3]	263,661	277,067	65,780	66,722	73,775	70,790	67,559	68,597	69,574	71,336
5	Transfers under U.S. military agency sales contracts [4]	17,155	16,688	4,340	4,099	4,232	4,017	4,340	4,099	4,232	4,017
6	Travel	71,250	74,448	15,809	18,271	21,976	18,392	18,130	18,429	18,611	19,279
7	Passenger fares	19,996	21,123	4,651	5,049	6,060	5,363	4,996	5,242	5,344	5,541
8	Other transportation	25,518	27,313	6,362	6,727	6,852	7,372	6,504	6,734	6,824	7,251
9	Royalties and license fees [5]	36,808	37,213	9,124	9,063	9,141	9,885	9,318	9,346	9,251	9,297
10	Other private services [5]	92,116	99,357	25,288	23,266	25,291	25,512	24,065	24,500	25,089	25,702
11	U.S. Government miscellaneous services	818	925	206	247	223	249	206	247	223	249
12	Income receipts	258,324	273,856	64,508	67,082	69,723	72,543	63,936	66,765	69,929	73,225
13	Income receipts on U.S.-owned assets abroad	256,467	271,972	64,038	66,611	69,252	72,071	63,466	66,294	69,458	72,753
14	Direct investment receipts	102,846	116,683	27,313	28,890	29,993	30,487	26,824	28,400	30,311	31,147
15	Other private receipts	150,001	152,104	35,760	37,072	38,399	40,873	35,760	37,072	38,399	40,873
16	U.S. Government receipts	3,620	3,185	965	649	860	711	882	822	748	733
17	Compensation of employees	1,857	1,884	470	471	471	472	470	471	471	472
18	**Imports of goods and services and income payments**	**–1,368,718**	**–1,526,281**	**–342,780**	**–371,764**	**–398,144**	**–413,593**	**–354,099**	**–370,921**	**–391,060**	**–410,204**
19	Imports of goods and services	–1,098,189	–1,227,636	–275,023	–299,857	–322,573	–330,183	–285,744	–299,464	–315,842	–326,588
20	Goods, balance of payments basis [2]	–917,178	–1,030,152	–230,903	–249,336	–268,114	–281,799	–238,389	–250,168	–265,623	–275,972
21	Services [3]	–181,011	–197,484	–44,120	–50,521	–54,459	–48,384	–47,355	–49,296	–50,219	–50,616
22	Direct defense expenditures	–12,841	–14,604	–3,503	–3,593	–3,808	–3,700	–3,503	–3,593	–3,808	–3,700
23	Travel	–56,105	–60,092	–12,543	–16,063	–18,425	–13,061	–14,815	–14,929	–14,957	–15,391
24	Passenger fares	–19,797	–21,305	–4,691	–5,711	–6,044	–4,859	–5,112	–5,314	–5,362	–5,518
25	Other transportation	–30,457	–34,500	–7,554	–8,290	–9,259	–9,397	–7,734	–8,370	–9,138	–9,258
26	Royalties and license fees [5]	–11,292	–12,437	–3,162	–3,073	–2,946	–3,256	–3,174	–3,195	–2,985	–3,083
27	Other private services [5]	–47,670	–51,591	–11,985	–13,062	–13,191	–13,353	–12,335	–13,166	–13,183	–12,908
28	U.S. Government miscellaneous services	–2,849	–2,955	–682	–729	–786	–758	–682	–729	–786	–758
29	Income payments	–270,529	–298,645	–67,757	–71,907	–75,571	–83,410	–68,355	–71,457	–75,218	–83,616
30	Income payments on foreign-owned assets in the United States	–263,423	–291,158	–66,024	–70,138	–73,612	–81,384	–66,495	–69,602	–73,345	–81,717
31	Direct investment payments	–43,441	–58,250	–11,596	–15,023	–14,035	–17,596	–12,067	–14,487	–13,768	–17,929
32	Other private payments	–128,863	–137,777	–31,759	–31,960	–35,430	–38,628	–31,759	–31,960	–35,430	–38,628
33	U.S. Government payments	–91,119	–95,131	–22,669	–23,155	–24,147	–25,160	–22,669	–23,155	–24,147	–25,160
34	Compensation of employees	–7,106	–7,487	–1,733	–1,769	–1,959	–2,026	–1,860	–1,855	–1,873	–1,899
35	**Unilateral current transfers, net**	**–44,075**	**–46,581**	**–10,420**	**–10,744**	**–11,218**	**–14,199**	**–10,306**	**–11,175**	**–11,208**	**–13,892**
36	U.S. Government grants [4]	–13,057	–12,825	–2,200	–2,760	–2,727	–5,138	–2,200	–2,760	–2,727	–5,138
37	U.S. Government pensions and other transfers	–4,350	–4,396	–893	–857	–1,005	–1,641	–1,065	–1,075	–1,075	–1,181
38	Private remittances and other transfers [6]	–26,668	–29,360	–7,327	–7,127	–7,486	–7,420	–7,041	–7,340	–7,406	–7,573
	Capital and financial account										
	Capital account										
39	**Capital account transactions, net**	**617**	**–172**	**166**	**178**	**175**	**–691**	**166**	**178**	**175**	**–691**
	Financial account										
40	**U.S.-owned assets abroad, net (increase/financial outflow (–))**	**–292,818**	**–372,567**	**–18,746**	**–156,044**	**–114,097**	**–83,680**	**–15,394**	**–154,959**	**–113,388**	**–88,822**
41	U.S. official reserve assets, net	–6,784	8,749	4,068	1,159	1,950	1,572	4,068	1,159	1,950	1,572
42	Gold [7]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	–149	12	563	–190	–185	–176	563	–190	–185	–176
44	Reserve position in the International Monetary Fund	–5,118	5,485	3	1,413	2,268	1,801	3	1,413	2,268	1,801
45	Foreign currencies	–1,517	3,252	3,502	–64	–133	–53	3,502	–64	–133	–53
46	U.S. Government assets, other than official reserve assets, net	–429	–365	119	–392	–686	594	119	–392	–686	594
47	U.S. credits and other long-term assets	–4,676	–6,123	–1,304	–2,167	–1,595	–1,057	–1,304	–2,167	–1,595	–1,057
48	Repayments on U.S. credits and other long-term assets [8]	4,102	6,223	1,545	1,887	1,026	1,765	1,545	1,887	1,026	1,765
49	U.S. foreign currency holdings and U.S. short-term assets, net	145	–465	–122	–112	–117	–114	–122	–112	–117	–114
50	U.S. private assets, net	–285,605	–380,951	–22,933	–156,811	–115,361	–85,846	–19,581	–155,726	–114,652	–90,988
51	Direct investment	–132,829	–152,152	–44,983	–32,897	–48,065	–26,207	–41,631	–31,812	–47,356	–31,349
52	Foreign securities	–102,817	–97,882	8,132	–64,579	–34,431	–7,004	8,132	–64,579	–34,431	–7,004
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	–25,041	–69,493	–13,853	–16,816	–24,066	–14,758	–13,853	–16,816	–24,066	–14,758
54	U.S. claims reported by U.S. banks, not included elsewhere	–24,918	–61,424	27,771	–42,519	–8,799	–37,877	27,771	–42,519	–8,799	–37,877
55	**Foreign-owned assets in the United States, net (increase/financial inflow(+))**	**502,637**	**750,765**	**88,636**	**275,220**	**208,798**	**178,111**	**88,968**	**274,379**	**207,735**	**179,686**
56	Foreign official assets in the United States, net	–21,684	44,570	4,708	–628	11,881	28,609	4,708	–628	11,881	28,609
57	U.S. Government securities	–3,625	32,423	6,793	–916	14,798	11,748	6,793	–916	14,798	11,748
58	U.S. Treasury securities [9]	–9,957	12,073	800	–6,708	12,963	5,018	800	–6,708	12,963	5,018
59	Other [10]	6,332	20,350	5,993	5,792	1,835	6,730	5,993	5,792	1,835	6,730
60	Other U.S. Government liabilities [11]	–3,113	–3,698	–1,594	–647	–1,070	–387	–1,594	–647	–1,070	–387
61	U.S. liabilities reported by U.S. banks, not included elsewhere	–11,469	14,937	–589	1,437	–2,032	16,121	–589	1,437	–2,032	16,121
62	Other foreign official assets [12]	–3,477	908	98	–502	185	1,127	98	–502	185	1,127
63	Other foreign assets in the United States, net	524,321	706,195	83,928	275,848	196,917	149,502	84,260	275,007	195,854	151,077
64	Direct investment	193,375	282,507	22,725	155,322	61,904	42,556	23,057	154,481	60,841	44,131
65	U.S. Treasury securities	46,155	–21,756	–8,781	–5,407	9,639	–17,207	–8,781	–5,407	9,639	–17,207
66	U.S. securities other than U.S. Treasury securities	218,026	325,913	61,540	79,067	94,573	90,733	61,540	79,067	94,573	90,733
67	U.S. currency	16,622	22,407	2,440	3,057	4,697	12,213	2,440	3,057	4,697	12,213
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	9,412	29,411	20,188	8,871	3,475	–3,123	20,188	8,871	3,475	–3,123
69	U.S. liabilities reported by U.S. banks, not included elsewhere	40,731	67,713	–14,184	34,938	22,629	24,330	–14,184	34,938	22,629	24,330
70	**Statistical discrepancy (sum of above items with sign reversed)**	**10,126**	**–39,108**	**–10,488**	**–39,103**	**4,178**	**6,305**	**–4,838**	**–38,441**	**–5,437**	**9,606**
70a	Of which seasonal adjustment discrepancy	.....	.....	.....	.....	.....	.....	5,650	662	–9,615	3,301
	Memoranda:										
71	Balance on goods (lines 3 and 20)	–246,932	–347,131	–67,559	–80,883	–101,304	–97,385	–74,381	–84,591	–91,943	–96,216
72	Balance on services (lines 4 and 21)	82,650	79,583	21,660	16,201	19,316	22,406	20,204	19,301	19,355	20,720
73	Balance on goods and services (lines 2 and 19)	–164,282	–267,548	–45,899	–64,682	–81,988	–74,979	–54,177	–65,290	–72,588	–75,496
74	Balance on income (lines 12 and 29)	–12,205	–24,789	–3,249	–4,825	–5,848	–10,867	–4,419	–4,692	–5,289	–10,391
75	Unilateral current transfers, net (line 35)	–44,075	–46,581	–10,420	–10,744	–11,218	–14,199	–10,306	–11,175	–11,208	–13,892
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) [13]	–220,562	–338,918	–59,568	–80,251	–99,054	–100,045	–68,902	–81,157	–89,085	–99,779

[P] Preliminary.

[r] Revised.

1. Credits, +: Exports of goods and services and income receipts; unilateral current transfers to the United States; capital account transactions receipts; financial inflows--increase in foreign-owned assets (U.S. liabilities) or decrease in U.S.-owned assets (U.S. claims).

Debits, –: Imports of goods and services and income payments; unilateral current transfers to foreigners; capital account transactions payments; financial outflows--decrease in foreign-owned assets (U.S. liabilities) or increase in U.S.-owned assets (U.S. liabilities) or increase in U.S.-owned assets (U.S. claims).

2. Excludes exports of goods under U.S. military agency sales contracts identified in Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to balance of payments basis; see table 2 in "U.S. International Transactions, Fourth Quarter and Year 1999" in the April 2000 SURVEY.

3. Includes some goods: Mainly military equipment in line 5; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 22; and fuels purchased by airline and steamship operators in lines 8 and 25.

4. Includes transfers of goods and services under U.S. military grant programs.

Table F.3.—U.S. International Transactions, by Area

[Millions of dollars]

Line	(Credits +; debits –) [1]	Western Europe			European Union [14]			United Kingdom			European Union (6) [15]		
		1999			1999			1999			1999		
		II	III r	IV p	II	III r	IV p	II	III r	IV p	II	III r	IV p
	Current account												
1	**Exports of goods and services and income receipts**	**92,875**	**93,990**	**99,857**	**83,763**	**84,607**	**89,092**	**26,166**	**26,958**	**28,064**	**43,857**	**44,543**	**46,800**
2	Exports of goods and services	64,038	64,000	68,600	58,246	57,919	61,875	16,106	16,261	16,669	32,026	32,016	34,471
3	Goods, balance of payments basis [2]	40,173	37,740	42,968	36,847	34,470	38,760	9,302	8,979	9,162	21,596	20,133	23,180
4	Services [3]	23,865	26,260	25,632	21,399	23,449	23,115	6,804	7,282	7,507	10,430	11,883	11,291
5	Transfers under U.S. military agency sales contracts [4]	1,025	1,234	942	592	777	714	97	85	104	150	319	259
6	Travel	5,784	7,119	6,037	5,306	6,521	5,532	1,975	2,208	2,097	2,424	3,268	2,475
7	Passenger fares	1,748	2,079	1,902	1,693	2,007	1,855	566	624	675	869	1,098	940
8	Other transportation	1,785	1,875	2,013	1,551	1,630	1,750	391	412	454	744	806	860
9	Royalties and license fees [5]	4,477	4,417	4,810	4,220	4,157	4,514	837	885	967	2,436	2,362	2,603
10	Other private services [5]	9,001	9,497	9,885	7,997	8,323	8,714	2,929	3,059	3,204	3,791	4,012	4,129
11	U.S. Government miscellaneous services	45	39	43	40	34	36	9	9	6	16	18	25
12	Income receipts	28,837	29,990	31,257	25,517	26,688	27,217	10,060	10,697	11,395	11,831	12,527	12,329
13	Income receipts on U.S.-owned assets abroad	28,800	29,953	31,220	25,483	26,654	27,183	10,042	10,679	11,377	11,817	12,513	12,315
14	Direct investment receipts	12,914	12,805	13,297	11,042	11,170	11,196	3,314	3,342	3,877	6,115	6,454	5,991
15	Other private receipts	15,760	16,926	17,772	14,331	15,306	15,871	6,728	7,337	7,479	5,609	5,957	6,324
16	U.S. Government receipts	126	222	151	110	178	116	.....	.....	21	93	102	.....
17	Compensation of employees	37	37	37	34	34	34	18	18	18	14	14	14
18	**Imports of goods and services and income payments**	**–110,488**	**–116,204**	**–120,304**	**–100,244**	**–104,857**	**–107,226**	**–34,799**	**–36,615**	**–37,502**	**–51,464**	**–53,483**	**–54,227**
19	Imports of goods and services	–74,157	–77,342	–78,867	–67,146	–69,199	–69,800	–16,250	–16,764	–16,414	–39,500	–40,175	–41,076
20	Goods, balance of payments basis [2]	–52,424	–54,289	–59,746	–47,919	–48,970	–53,102	–9,612	–9,940	–10,379	–29,920	–30,255	–33,021
21	Services [3]	–21,733	–23,053	–19,121	–19,227	–20,229	–16,698	–6,638	–6,824	–6,035	–9,580	–9,920	–8,055
22	Direct defense expenditures	–2,070	–2,197	–2,067	–1,775	–1,771	–1,642	–182	–178	–175	–1,490	–1,476	–1,350
23	Travel	–6,192	–6,861	–3,835	–5,568	–6,095	–3,440	–1,601	–1,660	–1,228	–2,861	–3,022	–1,650
24	Passenger fares	–3,154	–3,266	–2,214	–2,831	–2,949	–1,993	–1,202	–1,217	–812	–1,190	–1,218	–833
25	Other transportation	–2,714	–3,052	–2,999	–2,248	–2,552	–2,505	–581	–701	–687	–1,102	–1,207	–1,214
26	Royalties and license fees [5]	–1,942	–1,821	–2,074	–1,626	–1,516	–1,693	–477	–372	–410	–897	–903	–871
27	Other private services [5]	–5,373	–5,551	–5,631	–4,931	–5,082	–5,166	–2,571	–2,671	–2,694	–1,877	–1,901	–1,934
28	U.S. Government miscellaneous services	–288	–305	–301	–248	–264	–259	–24	–25	–29	–163	–193	–203
29	Income payments	–36,331	–38,862	–41,437	–33,098	–35,658	–37,426	–18,549	–19,851	–21,088	–11,964	–13,308	–13,151
30	Income payments on foreign-owned assets in the United States	–36,255	–38,790	–41,354	–33,035	–35,598	–37,360	–18,529	–19,831	–21,066	–11,926	–13,273	–13,114
31	Direct investment payments	–10,028	–10,329	–11,256	–9,056	–9,626	–9,906	–2,560	–2,776	–2,935	–5,550	–6,023	–5,615
32	Other private payments	–16,246	–18,271	–19,637	–14,749	–16,566	–17,799	–10,783	–11,725	–12,595	–3,352	–4,160	–4,338
33	U.S. Government payments	–9,981	–10,190	–10,461	–9,230	–9,406	–9,655	–5,186	–5,330	–5,536	–3,024	–3,090	–3,161
34	Compensation of employees	–76	–72	–83	–63	–60	–66	–20	–20	–22	–38	–35	–37
35	**Unilateral current transfers, net**	**66**	**–85**	**–24**	**345**	**311**	**333**	**417**	**428**	**438**	**151**	**116**	**125**
36	U.S. Government grants [4]	–100	–230	–164	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	U.S. Government pensions and other transfers	–329	–338	–389	–297	–297	–303	–50	–52	–49	–162	–163	–173
38	Private remittances and other transfers [6]	495	483	529	642	608	636	467	480	487	313	279	298
	Capital and financial account												
	Capital account												
39	**Capital account transactions, net**	**37**	**38**	**–13**	**34**	**35**	**35**	**12**	**12**	**12**	**16**	**17**	**17**
	Financial account												
40	**U.S.-owned assets abroad, net (increase/financial outflow (–))**	**–143,513**	**–55,114**	**–13,796**	**–119,750**	**–43,722**	**–16,583**	**–104,891**	**–21,994**	**4,266**	**–18,111**	**–21,247**	**–22,993**
41	U.S. official reserve assets, net	348	–103	–63	–159	–67	–46	.....	.....	.....	.....	.....	.....
42	Gold [7]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Foreign currencies	348	–103	–63	–159	–67	–46	.....	.....	.....	.....	.....	.....
46	U.S. Government assets, other than official reserve assets, net	61	87	79	9	–16	139	–2	–4	134	6	–7	–13
47	U.S. credits and other long-term assets	–36	–197	–152	–29	–196	–13	.....	.....	.....	.....	.....	.....
48	Repayments on U.S. credits and other long-term assets [8]	91	288	255	35	190	169	.....	.....	136	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net	6	–4	–24	3	–10	–17	–2	–4	–2	6	–7	–13
50	U.S. private assets, net	–143,922	–55,098	–13,812	–119,600	–43,639	–16,676	–104,889	–21,990	4,132	–18,117	–21,240	–22,980
51	Direct investment	–8,262	–30,538	–13,112	–8,218	–29,011	–6,333	–9,303	–20,548	892	1,712	–7,020	–5,980
52	Foreign securities	–49,590	–12,406	4,599	–51,891	–13,512	3,704	–46,591	–6,489	67	–8,034	–8,687	3,825
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	–7,476	–1,983	.....	–6,161	–2,901	.....	–8,520	7,058	.....	1,107	–10,459	.....
54	U.S. claims reported by U.S. banks, not included elsewhere	–78,594	–10,171	–5,299	–53,330	1,785	–14,047	–40,475	–2,011	3,173	–12,902	4,926	–20,825
55	**Foreign-owned assets in the United States, net (increase/financial inflow (+))**	**191,609**	**120,150**	**75,601**	**167,196**	**113,497**	**72,136**	**113,605**	**70,213**	**24,099**	**61,523**	**35,575**	**39,950**
56	Foreign official assets in the United States, net	–9,707	–1,035	402	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury securities [9]	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other [10]	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other U.S. Government liabilities [11]	–473	–483	–21	–202	–162	–35	–94	–80	–99	49	–97	97
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets [12]	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	201,316	121,185	75,199	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
64	Direct investment	140,447	38,748	30,936	141,856	36,632	28,808	79,370	18,880	9,258	62,635	13,238	15,971
65	U.S. Treasury securities	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	49,525	63,660	60,752	45,850	62,078	59,231	29,020	49,286	36,136	13,210	10,047	18,678
67	U.S. currency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	18,265	2,632	.....	16,491	2,024	.....	11,765	–5,341	.....	4,911	7,506	.....
69	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	(18)–36,799	(18)12,925	(18)–15,868	(18)–6,456	(18)7,468	(18)–21,196	(18)–19,282	(18)4,881	(18)5,204
70	**Statistical discrepancy (sum of above items with sign reversed)**	**–30,586**	**–42,775**	**–41,321**	**–31,344**	**–49,871**	**–37,787**	**–510**	**–39,002**	**–19,377**	**–35,972**	**–5,521**	**–9,672**
	Memoranda:												
71	Balance on goods (lines 3 and 20)	–12,251	–16,549	–16,778	–11,072	–14,500	–14,342	–310	–961	–1,217	–8,324	–10,122	–9,841
72	Balance on services (lines 4 and 21)	2,132	3,207	6,511	2,172	3,220	6,417	166	458	1,472	850	1,963	3,236
73	Balance on goods and services (lines 2 and 19)	–10,119	–13,342	–10,267	–8,900	–11,280	–7,925	–144	–503	255	–7,474	–8,159	–6,605
74	Balance on income (lines 12 and 29)	–7,494	–8,872	–10,180	–7,581	–8,970	–10,209	–8,489	–9,154	–9,693	–133	–781	–822
75	Unilateral current transfers, net (line 35)	66	–85	–24	345	311	333	417	428	438	151	116	125
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) [13]	–17,547	–22,299	–20,471	–16,136	–19,939	–17,801	–8,216	–9,229	–9,000	–7,456	–8,824	–7,302

5. Beginning in 1982, these lines are presented on a gross basis. The definition of exports is revised to exclude U.S. parents' payments to foreign affiliates and to include U.S. affiliates' receipts from foreign parents. The definition of imports is revised to include U.S. parents' payments to foreign affiliates and to exclude U.S. affiliates' receipts from foreign parents.

6. Beginning in 1982, the "other transfers" component includes taxes paid by U.S. private residents to foreign governments and taxes paid by private nonresidents to the U.S. Government.

9. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible bonds and notes.

10. Consists of U.S. Treasury and Export-Import Bank obligations, not included elsewhere, and of debt securities of U.S. Government corporations and agencies.

11. Includes, primarily, U.S. Government liabilities associated with military agency sales contracts and other transactions arranged with or through foreign official agencies; see table 4 in "U.S. International Transactions, Fourth

Table F.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +; debits –) [1]	Eastern Europe			Canada			Latin America and Other Western Hemisphere			Japan		
		1999			1999			1999			1999		
		II	III r	IV p	II	III r	IV p	II	III r	IV p	II	III r	IV p
	Current account												
1	**Exports of goods and services and income receipts**	**2,770**	**3,240**	**3,136**	**53,800**	**50,894**	**54,945**	**62,330**	**65,485**	**70,735**	**23,678**	**25,206**	**25,333**
2	Exports of goods and services	2,273	2,568	2,407	48,257	45,165	49,008	46,284	49,328	53,371	21,152	22,735	23,401
3	Goods, balance of payments basis [2]	1,304	1,461	1,353	42,857	39,697	43,850	34,060	35,565	39,573	13,328	13,590	14,991
4	Services [3]	969	1,107	1,054	5,400	5,468	5,158	12,224	13,763	13,798	7,824	9,145	8,410
5	Transfers under U.S. military agency sales contracts [4]	81	101	98	34	25	29	135	105	157	173	203	282
6	Travel	319	385	346	1,808	1,687	1,336	4,897	5,831	5,525	2,231	2,949	2,250
7	Passenger fares	44	41	45	363	378	350	1,375	1,652	1,570	872	1,115	926
8	Other transportation	105	97	94	627	625	652	874	889	970	817	804	855
9	Royalties and license fees [5]	66	69	70	400	439	482	672	670	734	1,596	1,685	1,777
10	Other private services [5]	344	400	391	2,147	2,291	2,293	4,193	4,575	4,801	2,125	2,376	2,312
11	U.S. Government miscellaneous services	10	14	10	21	23	16	78	41	41	10	13	8
12	Income receipts	497	672	729	5,543	5,729	5,937	16,046	16,157	17,364	2,526	2,471	1,932
13	Income receipts on U.S.-owned assets abroad	495	670	727	5,524	5,709	5,917	16,008	16,122	17,330	2,523	2,468	1,928
14	Direct investment receipts	13	155	198	2,831	3,031	3,030	5,127	4,918	4,720	871	1,083	952
15	Other private receipts	472	467	500	2,693	2,678	2,887	10,754	11,122	12,510	1,667	1,368	975
16	U.S. Government receipts	10	48	29	.....	.....	.....	127	82	100	–15	17	1
17	Compensation of employees	2	2	2	19	20	20	38	35	34	3	3	4
18	**Imports of goods and services and income payments**	**–4,411**	**–4,293**	**–4,390**	**–56,926**	**–56,278**	**–60,092**	**–63,021**	**–67,956**	**–70,607**	**–44,236**	**–47,497**	**–51,690**
19	Imports of goods and services	–3,998	–3,877	–3,944	–54,264	–54,709	–57,310	–49,579	–53,496	–54,583	–35,203	–37,897	–40,476
20	Goods, balance of payments basis [2]	–3,096	–2,855	–3,334	–50,096	–49,447	–53,695	–41,166	–44,672	–45,953	–30,849	–33,464	–35,843
21	Services [3]	–902	–1,022	–610	–4,168	–5,262	–3,615	–8,413	–8,824	–8,630	–4,354	–4,433	–4,633
22	Direct defense expenditures	–47	–42	–45	–16	–23	–20	–76	–64	–59	–378	–330	–330
23	Travel	–458	–560	–239	–1,526	–2,637	–1,032	–3,909	–4,305	–4,221	–795	–691	–743
24	Passenger fares	–141	–157	–84	–189	–240	–125	–713	–791	–738	–227	–225	–238
25	Other transportation	–71	–75	–62	–822	–825	–835	–620	–643	–718	–1,193	–1,382	–1,419
26	Royalties and license fees [5]	–3	–3	–4	–114	–118	–119	–64	–58	–60	–687	–661	–697
27	Other private services [5]	–163	–161	–159	–1,447	–1,355	–1,418	–2,899	–2,824	–2,684	–1,039	–1,111	–1,185
28	U.S. Government miscellaneous services	–19	–24	–17	–54	–64	–66	–132	–139	–150	–35	–33	–21
29	Income payments	–413	–416	–446	–2,662	–1,569	–2,782	–13,442	–14,460	–16,024	–9,033	–9,600	–11,214
30	Income payments on foreign-owned assets in the United States	–397	–401	–426	–2,586	–1,494	–2,701	–11,960	–12,765	–14,358	–9,017	–9,586	–11,191
31	Direct investment payments	–4	–5	–1	–1,239	20	–1,046	–492	–372	–572	–1,768	–1,566	–2,622
32	Other private payments	–91	–96	–116	–1,099	–1,192	–1,288	–8,941	–9,619	–10,868	–2,118	–2,470	–2,645
33	U.S. Government payments	–302	–300	–309	–248	–322	–367	–2,527	–2,774	–2,918	–5,131	–5,550	–5,924
34	Compensation of employees	–16	–15	–20	–76	–75	–81	–1,482	–1,695	–1,666	–16	–14	–23
35	**Unilateral current transfers, net**	**–871**	**–874**	**–811**	**–145**	**–169**	**–155**	**–3,445**	**–3,575**	**–3,657**	**–53**	**–75**	**–35**
36	U.S. Government grants [4]	–442	–456	–409	.....	.....	.....	–421	–445	–422	.....	.....	.....
37	U.S. Government pensions and other transfers	–11	–13	–10	–121	–121	–128	–156	–167	–211	–25	–27	–23
38	Private remittances and other transfers [6]	–418	–405	–392	–24	–48	–27	–2,868	–2,963	–3,024	–28	–48	–12
	Capital and financial account												
	Capital account												
39	**Capital account transactions, net**	**6**	**6**	**7**	**36**	**40**	**40**	**59**	**54**	**–766**	**6**	**6**	**6**
	Financial account												
40	**U.S.-owned assets abroad, net (increase/financial outflow (–))**	**622**	**–602**	**–76**	**4,023**	**–6,505**	**–5,862**	**–16,356**	**–35,986**	**–32,494**	**7,605**	**–14,691**	**–19,610**
41	U.S. official reserve assets, net	.....	.....	.....	.....	.....	.....	.....	.....	.....	–412	–30	10
42	Gold [7]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Foreign currencies	.....	.....	.....	.....	.....	.....	.....	.....	.....	–412	–30	10
46	U.S. Government assets, other than official reserve assets, net	–57	–118	–105	.....	.....	.....	87	132	847	30	–9	–13
47	U.S. credits and other long-term assets	–1,138	–139	–109	.....	.....	.....	–401	–233	–169	.....	.....	.....
48	Repayments on U.S. credits and other long-term assets [8]	1,086	22	8	.....	.....	.....	497	362	1,029	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net	–5	–1	–4	.....	.....	.....	–9	3	–13	30	–9	–13
50	U.S. private assets, net	679	–484	29	4,023	–6,505	–5,862	–16,443	–36,118	–33,341	7,987	–14,652	–19,607
51	Direct investment	–301	–98	–112	–6,860	–3,142	–5,311	–9,663	–3,805	–2,200	–730	–2,082	–592
52	Foreign securities	–118	–7	–71	166	–4,572	–2	–9,713	–11,013	5,428	–5,357	–9,648	–18,006
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	11	–132	.....	1,212	51	.....	–8,553	–17,415	–3,100	–955	–3,526	.....
54	U.S. claims reported by U.S. banks, not included elsewhere	1,087	–247	212	9,505	1,158	–549	11,486	–3,885	–33,469	15,029	604	–1,009
55	**Foreign-owned assets in the United States, net (increase/financial inflow (+))**	**–2,632**	**222**	**4,147**	**10,166**	**9,368**	**8,643**	**57,821**	**34,700**	**31,638**	**4,855**	**28,296**	**18,704**
56	Foreign official assets in the United States, net	([18])	([18])	([18])	–598	328	–682	([18])	([18])	([18])	([18])	([18])	([18])
57	U.S. Government securities	([18])	([18])	([18])	([17])	([17])	([17])	([18])	([18])	([18])	([18])	([18])	([18])
58	U.S. Treasury securities [9]	([18])	([18])	([18])	([17])	([17])	([17])	([18])	([18])	([18])	([18])	([18])	([18])
59	Other [10]	([18])	([18])	([18])	([17])	([17])	([17])	([18])	([18])	([18])	([18])	([18])	([18])
60	Other U.S. Government liabilities [11]	141	112	126	12	–8	–11	–25	–23	20	–52	–13	–278
61	U.S. liabilities reported by U.S. banks, not included elsewhere	([18])	([18])	([18])	([17])	([17])	([17])	([18])	([18])	([18])	([18])	([18])	([18])
62	Other foreign official assets [12]	([18])	([18])	([18])	([17])	([17])	([17])	([18])	([18])	([18])	([18])	([18])	([18])
63	Other foreign assets in the United States, net	([18])	([18])	([18])	10,764	9,040	9,325	([18])	([18])	([18])	([18])	([18])	([18])
64	Direct investment	50	118	705	7,099	3,075	3,775	1,642	12,580	1,322	4,827	5,387	5,593
65	U.S. Treasury securities	([18])	([18])	([18])	([17])	([17])	([17])	([18])	([18])	([18])	([18])	([18])	([18])
66	U.S. securities other than U.S. Treasury securities	–140	–97	32	–306	250	363	22,921	14,298	15,085	3,508	12,272	8,255
67	U.S. currency	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	–122	171	.....	413	1,429	.....	–10,399	–1,648	2,900	–3,094	231	.....
69	U.S. liabilities reported by U.S. banks, not included elsewhere	([18])–2,561	([18])–82	([18])3,284	([17])	([17])	([17])	([18])43,682	([18])9,493	([18])12,311	([18])–334	([18])10,419	([18])5,134
70	**Statistical discrepancy (sum of above items with sign reversed)**	**4,516**	**2,301**	**–2,013**	**–10,954**	**2,650**	**2,481**	**–37,388**	**7,278**	**5,151**	**8,145**	**8,755**	**27,292**
	Memoranda:												
71	Balance on goods (lines 3 and 20)	–1,792	–1,394	–1,981	–7,239	–9,750	–9,845	–7,106	–9,107	–6,380	–17,521	–19,874	–20,852
72	Balance on services (lines 4 and 21)	67	85	444	1,232	206	1,543	3,811	4,939	5,168	3,470	4,712	3,777
73	Balance on goods and services (lines 2 and 19)	–1,725	–1,309	–1,537	–6,007	–9,544	–8,302	–3,295	–4,168	–1,212	–14,051	–15,162	–17,075
74	Balance on income (lines 12 and 29)	84	256	283	2,881	4,160	3,155	2,604	1,697	1,340	–6,507	–7,129	–9,282
75	Unilateral current transfers, net (line 35)	–871	–874	–811	–145	–169	–155	–3,445	–3,575	–3,657	–53	–75	–35
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) [13]	–2,512	–1,927	–2,065	–3,271	–5,553	–5,302	–4,136	–6,046	–3,529	–20,611	–22,366	–26,392

12. Consists of investments in U.S. corporate stocks and in debt securities of private corporations and State and local governments.

13. Conceptually, line 76 is equal to "net foreign investment" in the national income and product accounts (NIPA's). However, the foreign transactions account in the NIPA's (a) includes adjustments to the international transactions accounts for the treatment of gold, (b) includes adjustments for the different geographical treatment of transactions with U.S. territories and Puerto Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans.

14. The "European Union" includes the "European Union (6)," United Kingdom, Denmark, Ireland, Greece, Spain, and Portugal. Beginning with the first quarter of 1995, the "European Union" also includes Austria, Finland, and Sweden.

Table F.3.—U.S. International Transactions, by Area—Continued

[Millions of dollars]

Line	(Credits +; debits –) [1]	Australia			Other countries in Asia and Africa			International organizations and unallocated [16]		
		1999			1999			1999		
		II	III r	IV p	II	III r	IV p	II	III r	IV p
	Current account									
1	**Exports of goods and services and income receipts**	**5,458**	**5,601**	**6,111**	**53,930**	**58,547**	**60,031**	**7,416**	**7,345**	**7,599**
2	Exports of goods and services	4,102	4,358	4,662	47,922	51,278	52,549	1,147	1,153	1,206
3	Goods, balance of payments basis [2]	2,758	2,951	3,271	33,973	35,806	38,408	.....	.....	.....
4	Services [3]	1,344	1,407	1,391	13,949	15,472	14,141	1,147	1,153	1,206
5	Transfers under U.S. military agency sales contracts [4]	95	97	65	2,556	2,467	2,444	.....	.....	.....
6	Travel	416	429	436	2,816	3,576	2,462	.....	.....	.....
7	Passenger fares	154	163	143	493	632	427	.....	.....	.....
8	Other transportation	86	91	91	2,286	2,336	2,553	147	135	144
9	Royalties and license fees [5]	187	194	212	1,174	1,170	1,263	491	497	537
10	Other private services [5]	405	431	440	4,542	5,200	4,865	509	521	525
11	U.S. Government miscellaneous services	1	2	4	82	91	127	.....	.....	.....
12	Income receipts	1,356	1,243	1,449	6,008	7,269	7,482	6,269	6,192	6,393
13	Income receipts on U.S.-owned assets abroad	1,354	1,241	1,447	5,991	7,251	7,463	5,916	5,838	6,039
14	Direct investment receipts	585	566	772	3,367	4,334	4,314	3,182	3,101	3,204
15	Other private receipts	769	675	675	2,414	2,617	2,896	2,543	2,546	2,658
16	U.S. Government receipts	.....	.....	.....	210	300	253	191	191	177
17	Compensation of employees	2	2	2	17	18	19	353	354	354
18	**Imports of goods and services and income payments**	**–2,475**	**–2,858**	**–2,978**	**–87,337**	**–100,112**	**–100,521**	**–2,870**	**–2,946**	**–3,011**
19	Imports of goods and services	–2,176	–2,366	–2,238	–79,916	–92,317	–92,192	–564	–569	–573
20	Goods, balance of payments basis [2]	–1,372	–1,446	–1,371	–70,333	–81,941	–81,857	.....	.....	.....
21	Services [3]	–804	–920	–867	–9,583	–10,376	–10,335	–564	–569	–573
22	Direct defense expenditures	–8	–10	–10	–998	–1,142	–1,169	.....	.....	.....
23	Travel	–310	–417	–316	–2,873	–2,954	–2,675	.....	.....	.....
24	Passenger fares	–141	–150	–190	–1,146	–1,215	–1,270	.....	.....	.....
25	Other transportation	–47	–51	–53	–2,525	–2,933	–3,031	–298	–298	–280
26	Royalties and license fees [5]	–10	–9	–10	–73	–100	–99	–180	–176	–193
27	Other private services [5]	–277	–268	–278	–1,778	–1,826	–1,898	–86	–95	–100
28	U.S. Government miscellaneous services	–11	–15	–10	–190	–206	–193	.....	.....	.....
29	Income payments	–299	–492	–740	–7,421	–7,795	–8,329	–2,306	–2,377	–2,438
30	Income payments on foreign-owned assets in the United States	–297	–490	–738	–7,320	–7,709	–8,178	–2,306	–2,377	–2,438
31	Direct investment payments	–44	–172	–412	–3	–208	–208	–1,445	–1,403	–1,479
32	Other private payments	–172	–235	–228	–2,438	–2,582	–2,892	–855	–965	–954
33	U.S. Government payments	–81	–83	–98	–4,879	–4,919	–5,078	–6	–9	–5
34	Compensation of employees	–2	–2	–2	–101	–86	–151	.....	.....	.....
35	**Unilateral current transfers, net**	**–36**	**–40**	**–37**	**–3,569**	**–3,716**	**–6,140**	**–2,691**	**–2,684**	**–3,340**
36	U.S. Government grants [4]	.....	.....	.....	–1,423	–1,264	–3,875	–374	–332	–268
37	U.S. Government pensions and other transfers	–10	–10	–9	–121	–119	–125	–84	–210	–746
38	Private remittances and other transfers [6]	–26	–30	–28	–2,025	–2,333	–2,140	–2,233	–2,142	–2,326
	Capital and financial account									
	Capital account									
39	**Capital account transactions, net**	**2**	**2**	**2**	**32**	**29**	**33**	.....	.....	.....
	Financial account									
40	**U.S.-owned assets abroad, net (increase/financial outflow (–))**	**–4,709**	**5,061**	**–1,995**	**–2,172**	**–6,324**	**3,002**	**–1,544**	**64**	**–12,849**
41	U.S. official reserve assets, net	.....	.....	.....	.....	.....	.....	1,223	2,083	1,625
42	Gold [7]	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights	.....	.....	.....	.....	.....	.....	–190	–185	–176
44	Reserve position in the International Monetary Fund	.....	.....	.....	.....	.....	.....	1,413	2,268	1,801
45	Foreign currencies	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	U.S. Government assets, other than official reserve assets, net	–6	–2	.....	–218	–528	34	–289	–248	–248
47	U.S. credits and other long-term assets	.....	.....	.....	–303	–778	–379	–289	–248	–248
48	Repayments on U.S. credits and other long-term assets [8]	.....	.....	.....	213	354	473	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net	–6	–2	.....	–128	–104	–60	.....	.....	.....
50	U.S. private assets, net	–4,703	5,063	–1,995	–1,954	–5,796	2,968	–2,478	–1,771	–14,226
51	Direct investment	–265	–381	–701	–3,808	–5,352	–1,305	–3,008	–2,667	–2,874
52	Foreign securities	–974	–114	–420	1,118	2,864	565	–111	465	903
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	–43	–305	.....	–1,034	–756	.....	22	.....	–11,658
54	U.S. claims reported by U.S. banks, not included elsewhere	–3,421	5,863	–874	1,770	–2,552	3,708	619	431	–597
55	**Foreign-owned assets in the United States, net (increase/financial inflow (+))**	**3,893**	**2,643**	**1,898**	**3,249**	**4,927**	**32,978**	**6,259**	**8,492**	**4,502**
56	Foreign official assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
57	U.S. Government securities	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
58	U.S. Treasury securities [9]	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
59	Other [10]	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
60	Other U.S. Government liabilities [11]	–35	–42	8	–215	–613	–231	.....	.....	.....
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(18)	(18)	(18)	.....	.....	.....
62	Other foreign official assets [12]	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18)	(18)	6,259	8,492	4,502
64	Direct investment	425	119	–1,384	–400	610	309	1,232	1,267	1,300
65	U.S. Treasury securities	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	157	1,153	592	3,532	2,564	5,557	–130	473	97
67	U.S. currency	.....	.....	.....	.....	.....	.....	3,057	4,697	12,213
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	1,879	1,742	.....	1,892	–1,134	.....	37	52	–6,023
69	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)1,467	(18)–329	(18)2,682	(18)–1,560	(18)3,500	(18)27,343	(18)2,063	(18)2,003	(18)–3,085
70	**Statistical discrepancy (sum of above items with sign reversed)**	**–2,133**	**–10,409**	**–3,001**	**35,867**	**46,649**	**10,617**	**–6,570**	**–10,271**	**7,099**
	Memoranda:									
71	Balance on goods (lines 3 and 20)	1,386	1,505	1,900	–36,360	–46,135	–43,449	.....	.....	.....
72	Balance on services (lines 4 and 21)	540	487	524	4,366	5,096	3,806	583	584	633
73	Balance on goods and services (lines 2 and 19)	1,926	1,992	2,424	–31,994	–41,039	–39,643	583	584	633
74	Balance on income (lines 12 and 29)	1,057	751	709	–1,413	–526	–847	3,963	3,815	3,955
75	Unilateral current transfers, net (line 35)	–36	–40	–37	–3,569	–3,716	–6,140	–2,691	–2,684	–3,340
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) [13]	2,947	2,703	3,096	–36,976	–45,281	–46,630	1,855	1,715	1,248

15. The "European Union (6)" includes Belgium, France, Germany (includes the former German Democratic Republic (East Germany) beginning in the fourth quarter of 1990), Italy, Luxembourg, Netherlands, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank.

16. Includes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas drilling equipment internationally, and in petroleum trading. Also includes taxes withheld; current-cost adjustments associated with U.S. and foreign direct investment; small transactions in business services that are not reported by country; and net U.S. currency flows, for which geographic source data are not available.

17. Details not shown separately; see totals in lines 56 and 63.

18. Details not shown separately are included in line 69.

NOTE.—The data in tables F.2 and F.3 are from tables 1 and 10 in "U.S. International Transactions, Fourth Quarter and Year 1999" in the April 2000 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the U.S. international transactions accounts.

Table F.4.—Private Service Transactions

[Millions of dollars]

Line		1998	1999 P	Not seasonally adjusted								Seasonally adjusted							
				1998				1999				1998				1999			
				I	II	III	IV	I	II	III r	IV P	I	II	III	IV	I r	II r	III r	IV P
1	**Exports of private services**	**245,688**	**259,454**	**58,542**	**60,204**	**64,697**	**62,245**	**61,234**	**62,376**	**69,320**	**66,524**	**60,341**	**62,011**	**60,847**	**62,490**	**63,013**	**64,251**	**65,119**	**67,070**
2	Travel (table 1, line 6)	71,250	74,448	15,652	18,119	20,354	17,125	15,809	18,271	21,976	18,392	17,903	18,260	17,149	17,938	18,130	18,429	18,611	19,279
3	Passenger fares (table 1, line 7)	19,996	21,123	4,581	5,000	5,733	4,682	4,651	5,049	6,060	5,363	4,916	5,185	5,052	4,843	4,996	5,242	5,344	5,541
4	Other transportation (table 1, line 8)	25,518	27,313	6,201	6,261	6,367	6,689	6,362	6,727	6,852	7,372	6,338	6,268	6,339	6,575	6,504	6,734	6,824	7,251
5	Freight	11,178	11,772	2,824	2,801	2,669	2,884	2,769	2,883	2,918	3,203	2,872	2,769	2,684	2,852	2,820	2,849	2,935	3,168
6	Port services	14,340	15,541	3,377	3,460	3,698	3,805	3,592	3,844	3,934	4,170	3,465	3,498	3,654	3,722	3,684	3,885	3,889	4,083
7	Royalties and license fees (table 1, line 9)	36,808	37,213	8,655	8,716	8,866	10,571	9,124	9,063	9,141	9,885	8,882	9,002	9,029	9,894	9,318	9,346	9,251	9,297
8	Affiliated	26,761	26,044	6,277	6,256	6,328	7,900	6,427	6,301	6,317	6,999	6,504	6,542	6,491	7,223	6,621	6,584	6,427	6,411
9	U.S. parents' receipts	24,712	24,120	5,805	5,899	5,950	7,058	5,929	5,841	5,829	6,521	5,963	6,066	6,091	6,591	6,082	6,004	5,949	6,084
10	U.S. affiliates' receipts	2,049	1,924	472	357	378	842	498	460	488	478	541	476	400	632	539	580	478	327
11	Unaffiliated	10,047	11,169	2,378	2,460	2,538	2,671	2,697	2,762	2,824	2,886	2,378	2,460	2,538	2,671	2,697	2,762	2,824	2,886
12	Industrial processes [1]	4,138	4,383	973	1,018	1,053	1,094	1,093	1,097	1,097	1,095	973	1,018	1,053	1,094	1,093	1,097	1,097	1,095
13	Other [2]	5,909	6,786	1,405	1,442	1,485	1,578	1,604	1,665	1,727	1,791	1,405	1,442	1,485	1,578	1,604	1,665	1,727	1,791
14	Other private services (table 1, line 10)	92,116	99,357	23,453	22,108	23,377	23,178	25,288	23,266	25,291	25,512	22,302	23,296	23,278	23,240	24,065	24,500	25,089	25,702
15	Affiliated services	28,321	29,200	6,752	7,058	7,111	7,400	7,190	7,028	7,259	7,723	6,987	7,114	7,184	7,036	7,449	7,081	7,334	7,335
16	U.S. parents' receipts	18,212	18,495	4,503	4,657	4,282	4,770	4,455	4,433	4,544	5,063	4,608	4,631	4,411	4,561	4,562	4,404	4,687	4,842
17	U.S. affiliates' receipts	10,109	10,705	2,249	2,401	2,829	2,630	2,735	2,595	2,715	2,660	2,379	2,483	2,773	2,475	2,887	2,677	2,647	2,493
18	Unaffiliated services	63,795	70,157	16,701	15,050	16,266	15,778	18,098	16,238	18,032	17,789	15,315	16,182	16,094	16,204	16,616	17,419	17,755	18,367
19	Education	8,964	9,271	3,629	1,142	2,416	1,777	3,866	1,134	2,525	1,747	2,160	2,251	2,310	2,243	2,289	2,286	2,328	2,368
20	Financial services	13,698	15,773	3,132	3,778	3,419	3,369	3,419	3,950	4,019	4,385	3,132	3,778	3,419	3,369	3,419	3,950	4,019	4,385
21	Insurance, net	2,842	3,402	683	696	717	746	794	831	869	908	683	696	717	746	794	831	869	908
22	Premiums received	6,985	7,592	1,657	1,722	1,780	1,826	1,860	1,887	1,911	1,934	1,657	1,722	1,780	1,826	1,860	1,887	1,911	1,934
23	Losses paid	4,143	4,190	974	1,026	1,063	1,080	1,066	1,056	1,042	1,027	974	1,026	1,063	1,080	1,066	1,056	1,042	1,027
24	Telecommunications	3,689	3,340	955	926	900	908	882	872	818	769	955	926	900	908	882	872	818	769
25	Business, professional, and technical services	24,338	27,226	5,858	6,017	6,164	6,299	6,544	6,746	6,894	7,043	5,858	6,017	6,164	6,299	6,544	6,746	6,894	7,043
26	Other unaffiliated services [3]	10,264	11,143	2,444	2,490	2,649	2,680	2,593	2,705	2,907	2,939	2,527	2,513	2,583	2,640	2,688	2,735	2,827	2,895
27	**Imports of private services**	**165,321**	**179,925**	**36,887**	**42,553**	**45,614**	**40,267**	**39,935**	**46,199**	**49,865**	**43,926**	**39,858**	**41,424**	**41,739**	**42,304**	**43,170**	**44,974**	**45,625**	**46,158**
28	Travel (table 1, line 23)	56,105	60,092	11,662	15,193	17,234	12,016	12,543	16,063	18,425	13,061	13,736	14,168	14,070	14,131	14,815	14,929	14,957	15,391
29	Passenger fares (table 1, line 24)	19,797	21,305	4,232	5,325	5,722	4,518	4,691	5,711	6,044	4,859	4,629	4,958	5,085	5,125	5,112	5,314	5,362	5,518
30	Other transportation (table 1, line 25)	30,457	34,500	7,147	7,533	7,820	7,957	7,554	8,290	9,259	9,397	7,321	7,590	7,700	7,849	7,734	8,370	9,138	9,258
31	Freight	19,412	22,401	4,485	4,829	5,016	5,082	4,806	5,370	6,079	6,145	4,548	4,858	4,999	5,006	4,868	5,417	6,069	6,047
32	Port services	11,048	12,099	2,663	2,705	2,805	2,875	2,748	2,919	3,180	3,251	2,773	2,732	2,701	2,843	2,866	2,953	3,069	3,211
33	Royalties and license fees (table 1, line 26)	11,292	12,437	2,939	2,587	2,685	3,081	3,162	3,073	2,946	3,256	2,955	2,694	2,721	2,923	3,174	3,195	2,985	3,083
34	Affiliated	8,374	9,655	2,001	1,943	2,001	2,429	2,500	2,395	2,233	2,527	2,017	2,050	2,037	2,271	2,512	2,517	2,272	2,354
35	U.S. parents' payments	1,169	1,218	290	273	298	308	304	310	309	295	290	273	298	308	304	310	309	295
36	U.S. affiliates' payments	7,205	8,437	1,711	1,670	1,703	2,121	2,196	2,085	1,924	2,232	1,727	1,777	1,739	1,963	2,208	2,207	1,963	2,059
37	Unaffiliated	2,918	2,782	938	644	684	652	662	678	713	729	938	644	684	652	662	678	713	729
38	Industrial processes [1]	1,546	1,669	372	382	392	401	408	414	420	427	372	382	392	401	408	414	420	427
39	Other [2]	1,372	1,113	567	262	292	252	254	264	292	302	567	262	292	252	254	264	292	302
40	Other private services (table 1, line 27)	47,670	51,591	10,907	11,915	12,153	12,695	11,985	13,062	13,191	13,353	11,217	12,014	12,163	12,276	12,335	13,166	13,183	12,908
41	Affiliated services	19,095	21,276	4,014	4,759	4,881	5,441	4,752	5,516	5,372	5,636	4,267	4,856	4,974	4,998	5,032	5,619	5,464	5,163
42	U.S. parents' payments	9,730	10,752	2,047	2,367	2,405	2,911	2,315	2,686	2,667	3,084	2,288	2,424	2,453	2,565	2,583	2,746	2,712	2,712
43	U.S. affiliates' payments	9,365	10,524	1,967	2,392	2,476	2,530	2,437	2,830	2,705	2,552	1,979	2,432	2,521	2,433	2,449	2,873	2,752	2,451
44	Unaffiliated services	28,575	30,315	6,893	7,156	7,272	7,254	7,233	7,546	7,819	7,717	6,950	7,158	7,189	7,278	7,303	7,547	7,719	7,745
45	Education	1,538	1,727	300	378	484	377	335	423	542	428	356	380	401	401	405	424	442	456
46	Financial services	3,771	3,923	927	1,010	932	902	834	949	1,080	1,060	927	1,010	932	902	834	949	1,080	1,060
47	Insurance, net	6,908	7,662	1,702	1,717	1,736	1,753	1,816	1,878	1,949	2,020	1,702	1,717	1,736	1,753	1,816	1,878	1,949	2,020
48	Premiums paid	18,581	20,276	4,329	4,572	4,770	4,910	4,998	5,054	5,095	5,130	4,329	4,572	4,770	4,910	4,998	5,054	5,095	5,130
49	Losses recovered	11,673	12,614	2,627	2,855	3,034	3,157	3,183	3,175	3,146	3,110	2,627	2,855	3,034	3,157	3,183	3,175	3,146	3,110
50	Telecommunications	8,125	7,772	2,050	2,032	2,014	2,029	2,024	2,011	1,915	1,822	2,050	2,032	2,014	2,029	2,024	2,011	1,915	1,822
51	Business, professional, and technical services	7,684	8,737	1,786	1,884	1,968	2,045	2,103	2,160	2,211	2,262	1,786	1,884	1,968	2,045	2,103	2,160	2,211	2,262
52	Other unaffiliated services [3]	549	494	129	135	138	148	121	124	123	125	129	135	138	148	121	124	123	125
	Memoranda:																		
53	Balance on goods (table 1, line 71)	–246,932	–347,131	–47,661	–59,612	–75,009	–64,650	–67,559	–80,883	–101,304	–97,385	–54,876	–63,500	–64,969	–63,587	–74,381	–84,591	–91,943	–96,216
54	Balance on private services (line 1 minus line 27)	80,367	79,529	21,655	17,651	19,083	21,978	21,299	16,177	19,455	22,598	20,483	20,587	19,108	20,186	19,843	19,277	19,494	20,912
55	Balance on goods and private services (lines 53 and 54)	–166,565	–267,602	–26,006	–41,961	–55,926	–42,672	–46,260	–64,706	–81,849	–74,787	–34,393	–42,913	–45,861	–43,401	–54,538	–65,314	–72,449	–75,304

P Preliminary.
r Revised.

1. Patented techniques, processes, and formulas and other intangible property rights that are used in goods production.
2. Copyrights, trademarks, franchises, rights to broadcast live events, and other intangible property rights.
3. Other unaffiliated services receipts (exports) include mainly expenditures of foreign governments and international organizations in the United States. Payments (imports) include mainly expenditures of U.S. residents temporarily working abroad and film rentals.

NOTE.—The data in this table are from table 3 in "U.S. International Transactions, Fourth Quarter and Year 1999" in the April 2000 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the U.S. international transactions accounts.

G. Investment Tables

Table G.1.—International Investment Position of the United States at Yearend, 1997 and 1998

[Millions of dollars]

Line	Type of investment	Position, 1997 r	Changes in position in 1998 (decrease (–))					Position, 1998 p
			Attributable to:				Total	
			Financial flows	Valuation adjustments				
				Price changes	Exchange rate changes [1]	Other changes [2]		
			(a)	(b)	(c)	(d)	(a+b+c+d)	
	Net international investment position of the United States:							
1	**With direct investment positions at current cost (line 3 less line 24)**	**–968,208**	**–209,819**	**–167,585**	**45,380**	**61,064**	**–270,960**	**–1,239,168**
2	**With direct investment positions at market value (line 4 less line 25)**	**–1,066,262**	**–209,819**	**–319,300**	**56,282**	**1,633**	**–471,204**	**–1,537,466**
	U.S.-owned assets abroad:							
3	**With direct investment positions at current cost (lines 5+10+15)**	**4,508,626**	**292,818**	**101,041**	**43,704**	**–15,293**	**422,270**	**4,930,896**
4	**With direct investment positions at market value (lines 5+10+16)**	**5,288,892**	**292,818**	**315,522**	**54,584**	**–3,833**	**659,091**	**5,947,983**
5	U.S. official reserve assets	134,836	6,784	–628	5,024	–10	11,170	146,006
6	Gold	75,929	.....	[3] –628	.....	[4] –10	–638	75,291
7	Special drawing rights	10,027	149	.....	427	.....	576	10,603
8	Reserve position in the International Monetary Fund	18,071	5,118	.....	922	.....	6,040	24,111
9	Foreign currencies	30,809	1,517	.....	3,675	.....	5,192	36,001
10	U.S. Government assets, other than official reserve assets	81,960	429	.....	–5	–2	422	82,382
11	U.S. credits and other long-term assets [5]	79,607	574	.....	.....	–2	572	80,179
12	Repayable in dollars	79,273	602	.....	.....	–1	601	79,874
13	Other [6]	334	–28	.....	.....	–1	–29	305
14	U.S. foreign currency holdings and U.S. short-term assets	2,353	–145	.....	–5	.....	–150	2,203
	U.S. private assets:							
15	With direct investment at current cost (lines 17+19+22+23)	4,291,830	285,605	101,669	38,685	–15,281	410,678	4,702,508
16	With direct investment at market value (lines 18+19+22+23)	5,072,096	285,605	316,150	49,565	–3,821	647,499	5,719,595
	Direct investment abroad:							
17	At current cost	1,004,228	132,829	2,892	1,957	–18,465	119,213	1,123,441
18	At market value	1,784,494	132,829	217,373	12,837	–7,005	356,034	2,140,528
19	Foreign securities	1,739,400	102,817	98,777	27,962	.....	229,556	1,968,956
20	Bonds	538,400	25,064	18,441	–20,079	.....	23,426	561,826
21	Corporate stocks	1,201,000	77,753	80,336	48,041	.....	206,130	1,407,130
22	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	562,396	25,041	.....	5,610	3,175	33,826	596,222
23	U.S. claims reported by U.S. banks, not included elsewhere	985,806	24,918	.....	3,156	9	28,083	1,013,889
	Foreign-owned assets in the United States:							
24	**With direct investment at current cost (lines 26+33)**	**5,476,834**	**502,637**	**268,626**	**–1,676**	**–76,357**	**693,230**	**6,170,064**
25	**With direct investment at market value (lines 26+34)**	**6,355,154**	**502,637**	**634,822**	**–1,698**	**–5,466**	**1,130,295**	**7,485,449**
26	Foreign official assets in the United States	835,709	–21,684	22,437	.....	–409	344	836,053
27	U.S. Government securities	614,530	–3,625	9,344	.....	.....	5,719	620,249
28	U.S. Treasury securities	589,792	–9,957	9,152	.....	.....	–805	588,987
29	Other	24,738	6,332	192	.....	.....	6,524	31,262
30	Other U.S. Government liabilities [7]	21,459	–3,113	.....	.....	.....	–3,113	18,346
31	U.S. liabilities reported by U.S. banks, not included elsewhere	135,384	–11,469	.....	.....	.....	–11,469	123,915
32	Other foreign official assets	64,336	–3,477	13,093	.....	–409	9,207	73,543
	Other foreign assets:							
33	With direct investment at current cost (lines 35+37+38+39+42+43)	4,641,125	524,321	246,189	–1,676	–75,948	692,886	5,334,011
34	With direct investment at market value (lines 36+37+38+39+42+43)	5,519,445	524,321	612,385	–1,698	–5,057	1,129,951	6,649,396
	Direct investment in the United States:							
35	At current cost	764,045	193,375	–3,877	22	–74,848	114,672	878,717
36	At market value	1,642,365	193,375	362,319	.....	–3,957	551,737	2,194,102
37	U.S. Treasury securities	662,228	46,155	18,961	.....	.....	65,116	727,344
38	U.S.currency	211,628	16,622	.....	.....	.....	16,622	228,250
39	U.S. securities other than U.S. Treasury securities	1,578,694	218,026	231,105	–6,005	.....	443,126	2,021,820
40	Corporate and other bonds	715,196	170,539	21,019	–6,005	.....	185,553	900,749
41	Corporate stocks	863,498	47,487	210,086	.....	.....	257,573	1,121,071
42	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	453,555	9,412	.....	–1,080	–1,100	7,232	460,787
43	U.S. liabilities reported by U.S. banks, not included elsewhere	970,975	40,731	.....	5,387	.....	46,118	1,017,093

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1. Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.

2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value of assets.

3. Reflects changes in the value of the official gold stock due to fluctuations in the market price of gold.

4. Reflects changes in gold stock from U.S. Treasury sales of gold medallions and commemorative and bullion coins; also reflects replenishment through open market purchases. These demonetizations/monetizations are not included in international transactions capital flows.

5. Also includes paid-in capital subscriptions to international financial institutions and outstanding amounts of miscellaneous claims that have been settled through international agreements to be payable to the U.S. Government over periods in excess of 1 year. Excludes World War I debts that are not being serviced.

6. Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services.

7. Primarily U.S. Government liabilities associated with military sales contracts and other transactions arranged with or through foreign official agencies.

NOTE.—The data in this table are from table 1 in "International Investment Position of the United States at Yearend 1998" in the July 1999 issue of the SURVEY OF CURRENT BUSINESS.

Table G.2.—U.S. Direct Investment Abroad: Selected Items, by Country and by Industry of Foreign Affiliate, 1996–98

[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital outflows (inflows (–))			Income		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
All countries, all industries	**795,195**	**865,531**	**980,565**	**84,426**	**99,517**	**121,644**	**93,594**	**103,892**	**90,242**
By country									
Canada	89,592	96,031	103,908	7,181	7,493	10,259	9,258	10,548	8,104
Europe	389,378	420,108	489,539	40,148	51,698	74,538	44,286	48,757	49,308
Of which:									
France	35,200	35,800	39,188	4,463	2,543	2,895	3,224	2,575	2,450
Germany	41,281	38,490	42,853	1,956	1,627	2,025	3,797	3,339	4,787
Netherlands	54,118	64,361	79,386	6,308	14,327	14,996	9,632	12,370	12,594
United Kingdom	134,559	153,108	178,648	16,421	22,411	34,428	12,220	13,126	11,582
Latin America and Other Western Hemisphere	155,925	178,505	196,655	18,138	21,966	18,020	17,762	21,408	16,908
Of which:									
Brazil	29,105	35,091	37,802	4,159	6,514	3,790	4,172	4,675	3,037
Mexico	19,351	24,181	25,877	2,405	5,646	2,533	2,721	3,905	3,177
Africa	8,162	11,157	13,491	1,678	3,371	2,712	1,801	1,954	1,719
Middle East	8,294	8,803	10,599	467	601	2,062	1,412	1,328	757
Asia and Pacific	139,548	146,610	161,797	15,363	13,693	13,471	18,795	19,513	12,623
Of which:									
Australia	30,006	29,910	33,676	3,787	2,393	3,659	2,851	3,598	1,898
Japan	34,578	33,725	38,153	–280	–371	3,844	3,475	3,516	2,179
International	4,295	4,317	4,578	1,451	694	582	278	383	823
By industry									
Petroleum	75,232	82,212	91,113	6,239	9,603	9,780	12,082	11,823	8,059
Manufacturing	270,288	280,332	304,690	24,325	28,097	26,680	34,342	38,283	31,416
Food and kindred products	31,024	32,465	33,871	2,095	3,806	1,670	4,452	4,910	4,262
Chemicals and allied products	74,858	77,112	83,589	5,796	7,210	7,072	9,529	10,050	9,930
Primary and fabricated metals	16,309	15,924	17,098	6,064	444	1,109	1,358	1,406	1,278
Industrial machinery and equipment	30,336	32,293	34,755	2,752	4,381	2,810	4,637	5,669	4,213
Electronic and other electric equipment	31,832	31,624	34,531	3,440	2,992	2,670	4,280	4,700	2,763
Transportation equipment	32,092	34,907	35,615	708	4,419	1,692	3,409	5,048	2,385
Other manufacturing	53,837	56,006	65,231	3,470	4,845	9,658	6,677	6,500	6,586
Wholesale trade	67,125	64,432	75,188	6,498	846	9,130	9,068	9,538	10,794
Depository institutions	36,807	40,169	42,029	2,448	3,036	1,253	3,329	3,374	577
Finance, (except depository institutions), insurance, and real estate	254,739	293,116	337,600	31,601	41,388	44,445	28,938	31,912	30,702
Services	37,850	42,342	52,514	3,511	4,557	10,867	3,627	5,533	4,722
Other industries	53,155	62,925	77,432	9,804	11,990	19,490	2,209	3,429	3,972

NOTES.—In this table, unlike in the international transactions accounts, income and capital outflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost.

The data in this table are from tables 16 and 17 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 1998" in the September 1999 issue of the SURVEY.

Table G.3.—Selected Financial and Operating Data for Nonbank Foreign Affiliates of U.S. Companies, by Country and by Industry of Foreign Affiliate, 1997

	Number of affiliates	Millions of dollars			Thousands of employees
		Total assets	Sales	Net income	
All countries, all industries	**22,871**	**3,397,262**	**2,356,416**	**155,267**	**8,018.0**
By country					
Canada	2,073	294,943	274,205	13,654	941.9
Europe	11,209	1,914,373	1,214,194	77,854	3,333.9
Of which:					
France	1,297	144,057	130,883	3,424	483.7
Germany	1,424	213,029	234,508	7,531	627.4
Italy	783	66,091	74,035	2,311	205.5
Netherlands	1,104	179,751	130,053	17,014	169.4
Switzerland	545	93,348	67,620	9,155	L
United Kingdom	2,532	923,207	337,907	18,020	977.2
Latin America and Other Western Hemisphere	3,583	458,889	268,912	30,849	1,629.2
Of which:					
Brazil	461	79,240	67,380	4,934	340.8
Mexico	874	83,500	88,063	8,488	793.0
Africa	559	40,602	29,150	2,653	186.6
Middle East	355	39,411	24,950	2,603	77.4
Asia and Pacific	4,977	628,118	536,462	26,231	1,835.8
Of which:					
Australia	904	96,250	68,519	3,899	304.2
Japan	990	266,028	205,072	5,925	396.7
International	115	20,926	8,545	1,422	13.2
By industry					
Petroleum	1,622	295,313	360,452	19,778	226.1
Manufacturing	8,528	884,113	1,086,129	61,660	4,592.9
Food and kindred products	789	112,875	127,710	8,810	598.0
Chemicals and allied products	2,065	220,923	207,988	17,900	622.4
Primary and fabricated metals	760	47,209	44,679	2,043	244.7
Industrial machinery and equipment	1,090	123,273	178,257	9,033	634.1
Electronic and other electric equipment	908	84,525	110,625	6,905	774.5
Transportation equipment	530	131,550	244,199	6,198	724.2
Other manufacturing	2,386	163,757	172,671	10,772	995.0
Wholesale trade	5,045	223,451	422,285	15,218	588.0
Finance, (except depository institutions), insurance, and real estate	3,115	1,498,127	135,331	42,922	218.8
Services	2,873	154,234	128,639	6,843	988.9
Other industries	1,688	342,025	223,580	8,846	1,403.3

NOTES.—Size ranges are given in employment cells that are suppressed. The size range is L—50,000–99,999.

The data in this table are from "U.S. Multinational Companies: Operations in 1997" in the July 1999 issue of the SURVEY.

Table G.4.—Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of Affiliate, 1996–98

[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital inflows (outflows (–))			Income		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
All countries, all industries	**598,021**	**693,207**	**811,756**	**84,455**	**105,488**	**188,960**	**30,407**	**42,115**	**38,015**
By country									
Canada	54,836	69,866	74,840	8,590	15,399	11,859	3,190	3,361	3,010
Europe	370,843	432,622	539,906	55,989	70,508	167,655	23,724	31,380	27,635
Of which:									
France	43,253	49,503	62,167	7,244	10,993	12,308	2,405	3,183	3,137
Germany	61,096	71,289	95,045	19,616	12,919	42,145	2,509	3,294	4,392
Netherlands	75,349	89,570	96,904	12,262	13,658	7,018	5,271	7,103	5,920
United Kingdom	121,582	131,315	151,335	14,404	11,234	69,968	10,374	11,440	7,815
Latin America and Other Western Hemisphere	28,002	33,546	32,210	1,990	3,993	278	1,383	1,752	1,494
Of which:									
Brazil	697	742	609	–64	64	–132	45	44	82
Mexico	1,641	3,315	4,029	–47	330	864	1	171	270
Africa	994	1,465	884	–101	435	–572	–136	–352	–89
Middle East	5,812	6,593	7,831	496	791	967	118	617	475
Asia and Pacific	137,533	149,115	156,085	17,493	14,361	8,773	2,129	5,356	5,489
Of which:									
Australia	14,968	14,703	14,755	5,321	2,254	2,034	492	214	672
Japan	116,144	125,131	132,569	13,337	9,275	7,101	2,939	5,780	5,187
By industry									
Petroleum	43,483	42,085	53,254	8,852	2,805	57,355	4,160	4,555	1,443
Manufacturing	245,662	273,122	329,346	37,538	36,086	87,454	15,694	18,628	20,696
Food and kindred products	28,088	26,710	18,112	1,981	–903	–5,020	1,819	1,532	1,056
Chemicals and allied products	79,515	88,831	101,351	8,081	13,746	10,325	5,014	5,556	6,190
Primary and fabricated metals	18,576	23,366	22,512	5,397	4,258	1,041	1,024	1,572	1,744
Machinery	39,093	46,636	59,260	2,868	7,573	18,475	1,166	2,805	2,718
Other manufacturing	80,390	87,580	128,112	19,211	11,411	62,632	6,671	7,162	8,988
Wholesale trade	73,506	87,630	96,261	7,974	14,729	11,004	2,256	3,972	5,247
Retail trade	13,765	16,718	18,778	2,708	2,622	1,946	509	487	579
Depository institutions	31,264	38,118	44,785	138	6,800	5,684	2,867	3,930	3,067
Finance, except depository institutions	37,531	43,413	50,858	6,186	7,140	5,812	855	1,979	–718
Insurance	56,124	70,492	80,378	6,747	12,097	6,817	2,382	4,681	4,019
Real estate	35,169	40,060	44,436	2,535	4,675	3,284	–59	789	948
Services	29,391	38,521	50,252	4,214	7,862	10,744	–14	916	1,358
Other industries	32,126	43,049	43,409	7,562	10,673	–1,139	1,757	2,178	1,376

NOTES.—In this table, unlike in the international transactions accounts, income and capital inflows are shown without a current-cost adjustment, and income is shown net of withholding taxes. In addition, unlike in the international investment position, the direct investment position is valued at historical cost.

The data in this table are from tables 16 and 17 in ''Foreign Direct Investment in the United States: Detail for Historical-Cost Position and Related Capital and Income Flows, 1998'' in the September 1999 issue of the SURVEY.

Table G.5.—Selected Financial and Operating Data of Nonbank U.S. Affiliates of Foreign Companies by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 1997

	Number of affiliates	Millions of dollars				Thousands of employees	Millions of dollars	
		Total assets	Sales	Net income	Gross product		U.S. exports of goods shipped by affiliates	U.S. imports of goods shipped to affiliates
All countries, all industries	**9,474**	**3,034,404**	**1,717,240**	**42,547**	**384,883**	**5,164.3**	**140,924**	**261,482**
By country								
Canada	945	309,080	139,409	3,693	34,464	601.6	7,787	14,356
Europe	4,071	1,809,319	940,672	31,107	245,919	3,213.9	62,392	94,512
Of which:								
France	513	322,270	135,414	2,959	35,863	411.2	14,032	12,936
Germany	1,011	302,740	194,492	5,071	46,171	657.6	13,973	32,032
Netherlands	302	260,034	124,109	5,508	33,750	391.4	4,592	10,191
Switzerland	404	339,896	110,077	2,986	25,637	352.1	6,233	7,127
United Kingdom	929	454,081	258,845	12,119	78,550	983.2	14,543	15,363
Latin America and Other Western Hemisphere	632	59,833	53,469	2,522	13,545	168.1	5,308	9,622
Africa	41	11,969	11,222	326	2,843	22.4	855	634
Middle East	307	28,841	25,246	1,151	7,295	92.7	814	5,534
Asia and Pacific	3,373	687,245	523,479	918	73,667	1,012.6	62,709	135,739
Of which:								
Australia	135	55,514	26,132	–101	5,207	80.1	1,410	1,501
Japan	2,587	582,570	446,422	2,701	62,345	812.4	52,883	120,357
United States	105	128,117	23,742	2,829	7,151	52.9	1,058	1,084
By industry [1]								
Manufacturing	2,846	680,260	667,576	18,826	188,477	2,227.0	70,053	99,304
Of which:								
Food	214	43,894	47,082	183	10,953	152.7	2,620	2,675
Chemicals	339	190,326	141,744	4,280	40,906	389.4	15,259	16,019
Primary and fabricated metals	373	67,516	65,075	1,744	16,510	219.4	5,133	8,329
Machinery	359	47,246	56,680	1,390	16,607	260.8	10,357	8,267
Computers and electronic products	333	53,182	73,413	–257	15,658	239.6	13,092	20,612
Electrical equipment, appliances, and components	104	22,574	26,203	631	7,537	129.5	3,430	3,421
Transportation equipment	260	49,211	72,607	2,060	13,554	207.9	7,631	18,203
Wholesale trade	1,708	293,144	530,141	3,889	51,856	538.5	63,231	155,716
Retail trade	210	49,802	96,624	1,197	25,009	688.7	1,951	3,973
Information	236	144,497	80,845	2,445	27,120	293.4	888	374
Finance (except depository institutions) and insurance	570	1,534,492	175,822	11,220	26,331	219.8	(D)	(D)
Real estate and rental and leasing	1,935	116,679	20,813	204	9,084	47.0	(D)	(D)
Professional, scientific, and technical services	301	17,299	15,972	–570	5,981	82.6	361	567
Other industries	1,668	198,229	129,448	5,337	51,025	1,067.3	4,332	1,255

D Suppressed to avoid disclosure of data of individual companies.

1. The industry classification system used to classify the data for U.S. affiliates is based on the North American Industry Classification System. Prior to 1997, the affiliate data were classified using an industry classification system based on the Standard Industrial Classification system.

NOTE.—The data in this table are from "Foreign Direct Investment in the United States: Preliminary Results from the 1997 Benchmark Survey" in the August 1999 issue of the SURVEY.

H. International Perspectives

Quarterly data in this table are shown in the middle month of the quarter.

Table H.1.—International Perspectives

	1998	1999	1999												2000	
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
	Exchange rates per U.S. dollar (not seasonally adjusted) [1]															
Canada (Can.$/US$)	1.4836	1.4858	1.5194	1.4977	1.5176	1.4881	1.4611	1.4695	1.4890	1.4932	1.4771	1.4776	1.4674	1.4722	1.4486	1.4512
European Monetary Union (US$/Euro) [2]	.....	1.0653	1.1591	1.1203	1.0886	1.0701	1.0630	1.0377	1.0370	1.0605	1.0497	1.0706	1.0328	1.0110	1.0131	.9834
France (FFr/US$) [2]	5.8995	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Germany (DM/US$) [2]	1.7597	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Italy (L/US¢) [2]	17.3685	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Japan (¥/US¢)	1.3099	1.1373	1.1329	1.1667	1.1947	1.1977	1.2200	1.2072	1.1933	1.1323	1.0688	1.0597	1.0465	1.0258	1.0530	1.0939
Mexico (Peso/US$)	9.1520	9.5530	10.1280	10.0060	9.7320	9.4300	9.3950	9.5150	9.3700	9.3980	9.3410	9.5750	9.4160	9.4270	9.4940	9.4270
United Kingdom (US$/£)	1.6573	1.6172	1.6498	1.6276	1.6213	1.6089	1.6154	1.5950	1.5751	1.6058	1.6247	1.6572	1.6205	1.6132	1.6404	1.6000
Addendum:																
Exchange value of the U.S. dollar [3]	116.48	116.87	115.16	116.84	118.22	117.57	117.34	117.93	117.97	117.00	116.38	115.88	116.08	116.09	115.95	117.44
	Unemployment rates (percent, monthly data seasonally adjusted)															
Canada	8.3	7.6	7.9	7.9	7.9	8.2	7.9	7.5	7.6	7.7	7.4	7.1	6.9	6.8	6.8	6.8
France	11.8	11.2	11.5	11.4	11.4	11.3	11.4	11.3	11.2	11.3	11.1	11.0	10.8	10.6	10.5	10.2
Germany	11.1	10.5	10.6	10.6	10.6	10.6	10.5	10.5	10.5	10.5	10.5	10.5	10.4	10.2	10.1	10.0
Italy	11.8	11.4	.....	11.7	.....	.....	11.5	.....	.....	11.5	.....	.....	11.0	.....	.....	11.2
Japan	4.1	4.7	4.5	4.6	4.8	4.8	4.6	4.8	4.8	4.7	4.7	4.6	4.6	4.7	4.7	4.9
Mexico	.....	.....	2.8	3.2	2.7	2.7	2.4	2.6	2.3	2.5	2.2	2.5	2.1	2.0	2.3	.....
United Kingdom	4.7	4.3	4.5	4.6	4.5	4.5	4.5	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0
Addendum:																
United States	4.5	4.2	4.3	4.4	4.2	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.1
	Consumer prices (monthly data seasonally adjusted, 1995=100)															
Canada	104.2	106.1	104.5	104.7	105.1	105.7	105.9	106.0	106.3	106.6	106.9	107.0	106.9	107.0	106.9	107.5
France	104.0	104.6	103.7	104.0	104.4	104.6	104.6	104.6	104.4	104.5	104.7	104.8	104.8	105.4	105.4	105.5
Germany	104.3	104.9	104.1	104.3	104.4	104.8	104.8	104.9	105.4	105.3	105.1	105.0	105.2	105.5	105.8	106.2
Italy	108.2	110.0	108.9	109.1	109.3	109.6	109.8	109.8	110.1	110.2	110.4	110.8	111.0	111.1	111.3	111.7
Japan	102.5	102.2	102.3	101.9	102.0	102.5	102.5	102.2	101.8	102.1	102.4	102.6	102.0	101.7	101.4	101.3
Mexico	187.9	219.1	208.9	211.7	213.7	215.6	216.9	218.3	219.8	221.0	223.2	224.6	226.6	228.8	231.9	234.0
United Kingdom	109.3	111.0	109.6	109.8	110.1	110.8	111.1	111.1	110.8	111.0	111.5	111.7	111.8	112.2	111.8	112.4
Addendum:																
United States	107.0	109.3	108.1	108.1	108.3	109.1	109.1	109.1	109.4	109.7	110.1	110.3	110.5	110.8	111.0	111.6
	Real gross domestic product (percent change from preceding quarter, quarterly data seasonally adjusted at annual rates)															
Canada	3.1	4.2	.....	5.1	.....	.....	3.6	.....	.....	5.5	.....	.....	4.6	.....	.....	.....
France	3.4	2.8	.....	1.8	.....	.....	3.4	.....	.....	3.9	.....	.....	3.6	.....	.....	.....
Germany	2.2	1.5	.....	2.7	.....	.....	.3	.....	.....	3.5	.....	.....	2.7	.....	.....	.....
Italy	1.5	1.4	.....	1.3	.....	.....	2.1	.....	.....	3.0	.....	.....	1.7	.....	.....	.....
Japan	–2.5	.3	.....	6.2	.....	.....	3.9	.....	.....	–3.9	.....	.....	–5.5	.....	.....	.....
Mexico	4.8	.....	.....	3.6	.....	.....	9.2	.....	.....	10.2	.....	.....	.....	.....	.....	.....
United Kingdom	2.2	2.1	.....	1.6	.....	.....	3.0	.....	.....	4.1	.....	.....	3.1	.....	.....	.....
Addendum:																
United States	4.3	4.2	.....	3.7	.....	.....	1.9	.....	.....	5.7	.....	.....	7.3	.....	.....	5.4

See footnotes at the end of the table.

Table H.1.—International Perspectives—Continued

	1998	1999	1999												2000	
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
	Short-term, 3-month, interest rates (percent, not seasonally adjusted)															
Canada	5.04	4.89	4.99	5.02	5.00	4.71	4.58	4.80	4.77	4.89	4.81	5.00	5.03	5.10	5.20	5.25
France	3.56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Germany	3.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Italy	4.99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Japan	.72	.25	.69	.58	.20	.19	.08	.07	.08	.07	.12	.28	.34	.26	.12	.10
Mexico	26.11	22.38	32.27	28.72	23.86	21.05	21.02	21.35	20.78	21.48	21.34	20.30	18.68	17.65	17.43	16.44
United Kingdom	7.33	5.45	5.79	5.42	5.29	5.23	5.25	5.12	5.07	5.17	5.32	5.94	5.78	5.96	6.05	6.15
Addendum:																
United States	4.81	4.66	4.34	4.45	4.48	4.28	4.51	4.59	4.60	4.76	4.73	4.88	5.07	5.23	5.34	5.57
	Long-term interest rates, government bond yields (percent, not seasonally adjusted)															
Canada	5.45	5.68	5.13	5.26	5.34	5.26	5.51	5.70	5.61	5.85	5.88	6.26	6.15	6.22	6.48	6.19
France	4.82	4.94	4.13	4.42	4.39	4.25	4.45	4.94	5.08	5.17	5.35	5.67	5.66	5.81	6.11	5.96
Germany	4.6	4.5	3.7	3.9	4.0	3.9	4.0	4.4	4.7	4.9	5.0	5.3	5.0	5.2	5.5	5.5
Italy	4.88	4.73	3.92	4.05	4.27	4.11	4.28	4.62	4.94	5.13	5.28	5.52	5.25	5.36	5.75	5.73
Japan	1.54	1.75	1.91	2.12	1.82	1.56	1.33	1.63	1.70	1.88	1.76	1.69	1.82	1.77	1.69	1.80
United Kingdom	5.52	5.08	4.29	4.45	4.66	4.59	4.91	5.16	5.33	5.38	5.65	5.83	5.28	5.38	5.82	5.62
Addendum:																
United States	5.26	5.65	4.72	5.00	5.23	5.18	5.54	5.90	5.79	5.94	5.92	6.11	6.03	6.28	6.66	6.52
	Share price indices (not seasonally adjusted, 1995=100)															
Canada	152.4	159.2	151.8	142.4	148.8	158.2	154.3	158.1	159.7	157.2	156.9	163.7	169.7	189.8	191.3	205.9
France	192.2	234.6	210.4	210.1	211.5	220.9	225.1	230.2	236.1	231.7	242.3	243.0	264.9	289.3	295.1	316.7
Germany	197.7	204.9	199.8	195.3	191.4	200.1	200.7	202.3	209.8	200.8	203.2	202.7	218.1	234.8	253.6	279.6
Italy	221	246	241	237	249	252	247	247	248	234	243	235	241	271	283	320
Japan	85	100	78	80	87	96	96	100	107	106	108	110	117	119	120	124
Mexico	191.1	240.3	178.3	192.0	222.2	244.0	246.8	262.7	237.0	229.2	227.6	245.6	276.5	321.3	296.7	332.0
United Kingdom	150.5	168.4	157.3	159.4	162.9	169.2	168.2	171.0	173.5	168.9	166.7	164.3	175.0	185.1	183.7	178.2
Addendum:																
United States	189	213	205	202	207	216	218	216	223	213	209	206	218	219	218	208

1. All exchange rates are from the Board of Governors of the Federal Reserve System.

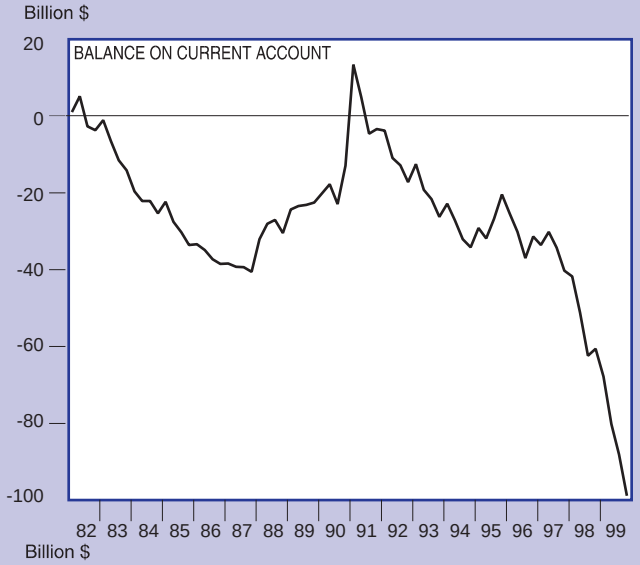
2. As of January 1, 1999, the euro is reported in place of the individual euro-area currencies. These currency rates can be derived from the euro rate by using the following conversion rates: 1 euro = 6.55957 French francs, 1.95583 German marks, and 1936.27 Italian lire.

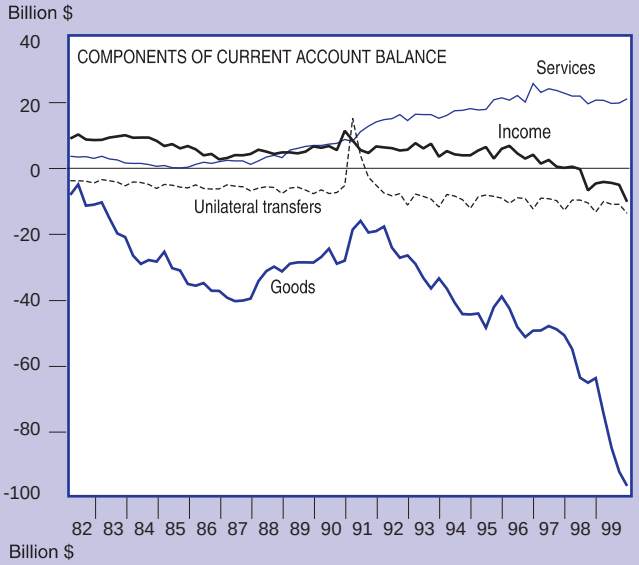
3. The rate shown for the United States is an index of the weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of major U.S. trading partners, January 1997=100 and reflects revised trade weights. For more information on the exchange rate indexes, see "New Summary Measures of the Foreign Exchange Value of the Dollar," *Federal Reserve Bulletin*, vol. 84 (October 1998), pp. 811–18.

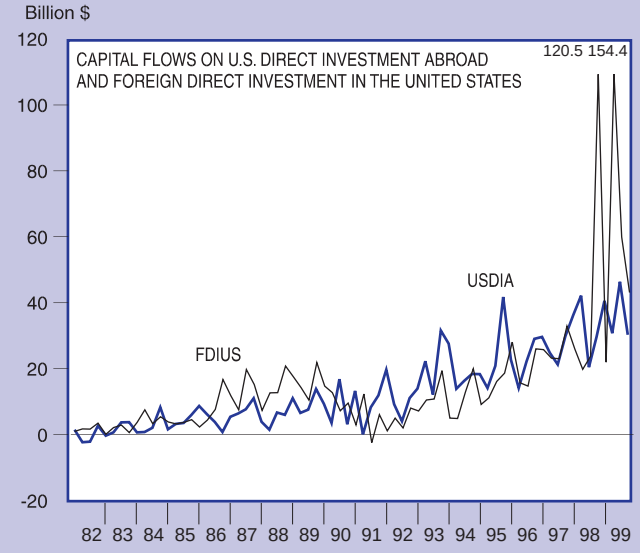
NOTE.—U.S. interest rates, unemployment rates, and GDP growth rates are from the Federal Reserve, the Bureau of Labor Statistics, and BEA, respectively. All other data (including U.S. consumer prices and U.S. share prices, both of which have been rebased to 1995 to facilitate comparison) are © OECD, April 2000, *OECD Main Economic Indicators* and are reproduced with permission of the OECD.

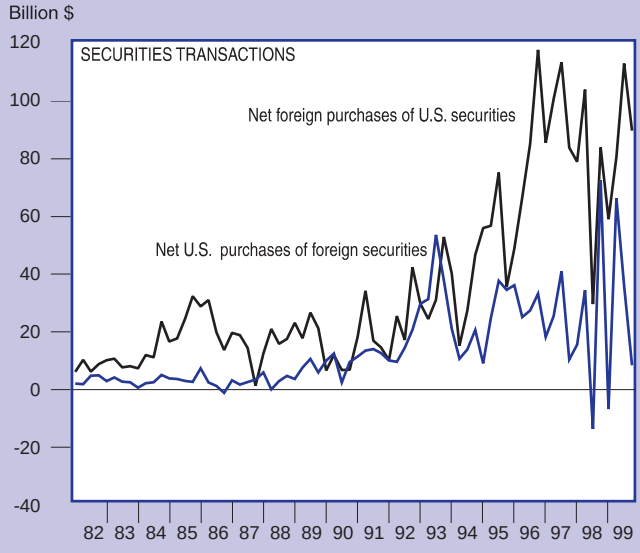
I. Charts

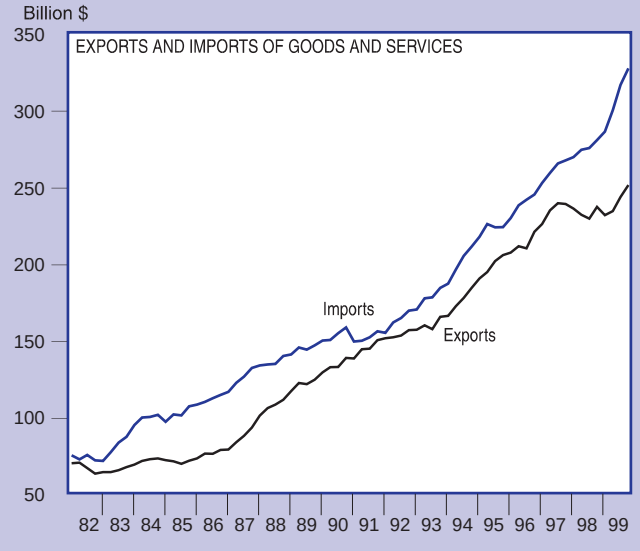
THE U.S. IN THE INTERNATIONAL ECONOMY

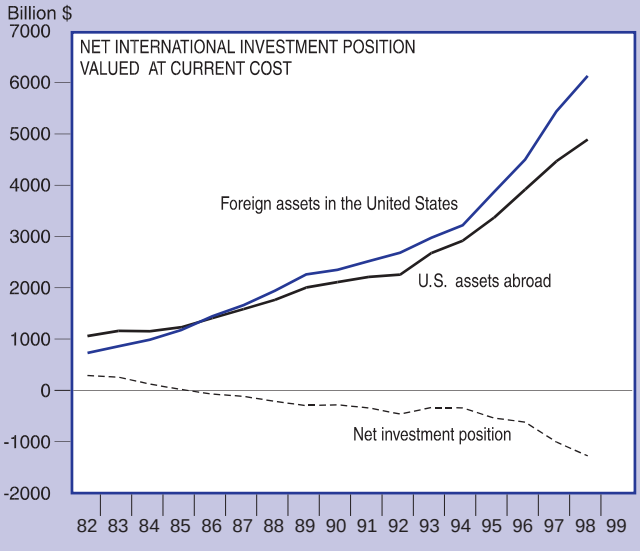












U.S. Department of Commerce, Bureau of Economic Analysis

Appendix A

Additional Information About the NIPA Estimates

Statistical Conventions

Changes in current-dollar GDP measure changes in the market value of goods and services produced in the economy in a particular period. For many purposes, it is necessary to decompose these changes into quantity and price components. To compute the quantity indexes, changes in the quantities of individual goods and services are weighted by their prices. (Quantity changes for GDP are often referred to as changes in "real GDP.") For the price indexes, changes in the prices for individual goods and services are weighted by quantities produced. (In practice, the current-dollar value and price indexes for most GDP components are determined largely using data from Federal Government surveys, and the real values of these components are calculated by deflation at the most detailed level for which all the required data are available.)

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from 2 adjacent years. For example, the annual percent change in real GDP in 1997–98 uses prices for 1997 and 1998 as weights, and the 1997–98 annual percent change in the GDP price index uses quantities for 1997 and 1998 as weights. Because the Fisher formula allows for the effects of changes in relative prices and in the composition of output over time, the resulting quantity or price changes are not affected by the substitution bias that is associated with changes in quantities and prices calculated using a fixed-weighted formula.[1] These annual changes are "chained" (multiplied) together to form time series of quantity and price; the percent changes that are calculated from these time series are not affected by the choice of reference period.

The quarterly changes in quantities and prices are calculated with weights from two adjacent quarters. As part of an annual or comprehensive revision, the quarterly indexes through the most recent complete year are adjusted to ensure that the average of the quarterly indexes conforms to the corresponding annual index.

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated "chained (1996) dollar estimates." These estimates are computed by multiplying the 1996 current-dollar value of GDP, or of a GDP component, by the corresponding quantity index number. For example, if a current-dollar GDP component equaled $100 in 1996 and if real output for this component increased by 10 percent in 1997, then the "chained (1996) dollar" value of this component in 1997 would be $110 ($100 × 1.10). Note that percentage changes in the chained (1996) dollar estimates and the percentage changes calculated from the quantity indexes are identical, except for small differences due to rounding.

Because of the formula used for calculating real GDP, the chained (1996) dollar estimates for detailed GDP components do not add to the chained-dollar value of GDP or to any intermediate aggregates. A "residual" line is shown as the difference between GDP and the sum of the most detailed components shown in each table. The residual generally is small close to the base period but tends to become larger as one moves further from it. Accurate measures of component contributions to the percentage changes in real GDP and its major components are shown in NIPA tables 8.2–8.6.

BEA also publishes the "implicit price deflator" (IPD), which is calculated as the ratio of current-dollar value to the corresponding chained-dollar value, multiplied by 100; the values of the IPD and of the corresponding "chain-type" price index are very close.

For quarters and months, the estimates are presented at annual rates, which show the value that would be registered if the rate of activity measured for a quarter or a month were maintained for a full year. Annual rates are used so that time periods of different lengths—for example, quarters and years—may be compared easily. These annual rates are determined simply by multiplying the estimated rate of activity by 4 (for quarterly data) or by 12 (for monthly data).

Percent changes in the estimates are also expressed at annual rates. Calculating these *changes* requires a variant of the compound interest formula:

$$r = \left[\left(\frac{x_t}{x_o}\right)^{m/n} - 1\right] \times 100,$$

where r is the percent change at an annual rate; x_t is the level of activity in the later period; x_o is the level of activity in the earlier period; m is the yearly periodicity of the data (for example, 1 for annual data, 4 for quarterly, or 12 for monthly); and n is the number of periods between the earlier and later periods (that is, $t - o$).

Quarterly and monthly NIPA estimates are seasonally adjusted, if necessary. Seasonal adjustment removes from the time series the average impact of variations that normally occur at about the same time and in about the same magnitude each year—for example, weather, holidays, and tax payment dates. After seasonal adjustment, cyclical and other short-term changes in the economy stand out more clearly.

1. In addition, because the changes in quantities and prices calculated using these weights are symmetric, the product of a quantity index and the corresponding price index is generally equal to the current-dollar index.

Reconciliation Tables

Table 1.—Reconciliation of Changes in BEA-Derived Compensation Per Hour with BLS Average Hourly Earnings

[Percent change from preceding period]

	1998	1999	Seasonally adjusted at annual rates					
			1998	1999				2000
			IV	I	II	III	IV	I [P]
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing) [1]	**5.4**	**4.7**	**4.6**	**4.2**	**4.7**	**4.6**	**3.4**	**4.1**
Less: Contribution of supplements to wages and salaries per hour	–.5	–.3	–.7	.2	–.3	–.3	–.1	–.3
Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions	–.4	–.2	–.3	.1	–.1	–.1	–.1	–.1
Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed	–.2	–.1	–.1	–.3	.1	–.1	–.3	.3
***Equals*: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector**	**5.6**	**4.9**	**5.0**	**4.3**	**4.7**	**4.9**	**3.6**	**4.0**
Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing	–.1	0	.4	.4	.4	.4	.2	.2
Less: Other differences [2]	1.6	1.3	1.5	0	.7	.8	.2	–.1
***Equals*: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls**	**4.1**	**3.7**	**3.2**	**4.0**	**3.6**	**3.7**	**3.1**	**3.8**
Addendum:								
BLS estimates of compensation per hour in the nonfarm business sector [3]	5.3	4.7	4.6	4.2	4.7	4.6	3.8	4.2

[P] Preliminary.

1. Includes BLS data on compensation and hours of nonfarm proprietors and hours worked of unpaid family workers.

2. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates also include differences in BEA and BLS benchmark procedures; quarterly estimates also include differences in seasonal adjustment procedures.

3. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing.

NOTE.—These data reflect BLS revised hours and compensation for 1959 forward.

BLS Bureau of Labor Statistics

Table 2.—Relation of Net Exports of Goods and Services and Net Receipts of Income in the NIPA's to Balance on Goods, Services, and Income in the ITA's

[Billions of dollars]

	Line	1998	1999	Seasonally adjusted at annual rates					
				1998		1999			
				III	IV	I	II	III	IV
Exports of goods, services, and income receipts, ITA's	**1**	**1,192.2**	**1,233.9**	**1,166.0**	**1,199.9**	**1,182.0**	**1,203.8**	**1,252.7**	**1,297.3**
Less: Gold, ITA's	2	5.5	5.3	5.2	7.1	2.9	3.3	6.1	8.8
Statistical differences [1]	3	0	–0.8	0	0	–1.7	–2.8	1.1	.3
Other items	4	.8	.9	.8	1.2	.8	.9	1.0	.9
Plus: Adjustment for grossing of parent/affiliate interest payments	5	5.0	4.4	5.2	5.7	4.3	4.4	4.4	4.6
Adjustment for U.S. territories and Puerto Rico	6	42.3	47.9	41.4	46.4	47.2	48.1	47.3	49.0
Services furnished without payment by financial intermediaries except life insurance carriers	7	18.5	19.7	18.8	18.9	19.2	19.4	19.9	20.2
***Equals*: Exports of goods and services and income receipts, NIPA's**	**8**	**1,251.6**	**1,300.6**	**1,225.5**	**1,262.7**	**1,250.7**	**1,274.3**	**1,316.2**	**1,361.2**
Imports of goods, services, and income payments, ITA's	**9**	**1,368.7**	**1,526.3**	**1,376.7**	**1,392.7**	**1,416.4**	**1,483.7**	**1,564.2**	**1,640.8**
Less: Gold, ITA's	10	6.5	5.8	7.3	6.6	3.2	3.2	7.4	9.3
Statistical differences [1]	11	0	.3	0	0	–0.6	.4	1.2	.2
Other items	12	0	0	0	0	0	0	0	0
Plus: Gold, NIPA's	13	–3.1	–2.4	–2.9	–2.9	–2.3	–2.4	–2.5	–2.5
Adjustment for grossing of parent/affiliate interest payments	14	5.0	4.4	5.2	5.7	4.3	4.4	4.4	4.6
Adjustment for U.S. territories and Puerto Rico	15	28.5	32.5	26.2	33.1	31.7	32.8	32.3	33.3
Imputed interest paid to rest of world	16	18.5	19.7	18.8	18.9	19.2	19.4	19.9	20.2
***Equals*: Imports of goods and services and income payments, NIPA's**	**17**	**1,411.1**	**1,574.4**	**1,416.8**	**1,441.0**	**1,466.7**	**1,534.4**	**1,609.8**	**1,686.8**
Balance on goods, services, and income, ITA's (1–9)	**18**	**–176.5**	**–292.4**	**–210.7**	**–192.8**	**–234.4**	**–279.9**	**–311.5**	**–343.5**
Less: Gold (2–10+13)	19	–4.1	–2.9	–5.0	–2.4	–2.6	–2.3	–3.8	–3.0
Statistical differences (3–11) [1]	20	0	–1.1	0	0	–1.1	–3.2	–0.1	.1
Other items (4–12)	21	.8	.9	.8	1.2	.8	.9	1.0	.9
Plus: Adjustment for U.S. territories and Puerto Rico (6–15)	22	13.8	15.4	15.2	13.3	15.5	15.3	15.0	15.7
***Equals*: Net exports of goods and services and net receipts of income, NIPA's (8–17)**	**23**	**–159.5**	**–273.8**	**–191.3**	**–178.3**	**–216.0**	**–260.1**	**–293.6**	**–325.6**

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (1999:IV) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (1999:I–1999:IV).

ITA's International transactions accounts

NIPA's National income and product accounts

Appendix B
Suggested Reading

The Bureau of Economic Analysis (BEA) has published a wealth of information about the methodologies that are used to prepare its national, regional, and international accounts.

National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product), the estimates of wealth and related estimates, gross product by industry, the input-out accounts, and the satellite accounts.

National income and product accounts (NIPA's). This series of papers documents the conceptual framework of the NIPA's and the methodologies that have been used to prepare the estimates.

An Introduction to National Economic Accounting (1985) [also in the March 1985 SURVEY]

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (1985)

Foreign Transactions (1987) [A revised version is forthcoming.]

GNP: An Overview of Source Data and Estimating Methods (1987) [Most of the information in this paper has been superseded by "A Guide to the NIPA's" (March 1998 SURVEY).]

Government Transactions (1988)

Personal Consumption Expenditures (1990)

These methodologies have been updated and improved, typically as part of the comprehensive and annual revisions of the NIPA's. The most recent revisions are described in the following SURVEY articles.

"A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts"
Definitional and Classificational Changes (August 1999)
New and Redesigned Tables (September 1999)
Statistical Changes (October 1999)

"Improved Estimates of the National Income and Product Accounts: Results of the Comprehensive Revision"
For 1959–98 (December 1999)
For 1929–99 (April 2000)

"Annual Revision of the U.S. National Income and Product Accounts" (August 1998)

"A Guide to the NIPA's" (March 1998) provides the definitions of the major NIPA aggregates and components, discusses the measures of real output and prices, explains how production is classified and how the NIPA's are presented, describes the statistical conventions that are used, and lists the principal source data and methods that are used to prepare the estimates of gross domestic product (GDP).

Information about the sources and methods that are used to prepare the national estimates of personal income, which are the basis for the State estimates, is in *State Personal Income, 1929–97* (1999).

"BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth" (May 1997) is the most recent in a series of articles that describe the conceptual basis for the chain-type measures of real output and prices that are used in the NIPA's.

"Reliability of the Quarterly and Annual Estimates of GDP and Gross Domestic Income" (December 1998) evaluates these estimates by examining the record of revisions to them.

Wealth and related estimates. *Fixed Reproducible Tangible Wealth in the United States, 1929–94* (1999) discusses the concepts and statistical considerations that underlie the estimates and their derivation.

"Fixed Assets and Consumer Durable Goods for 1925–98" (April 2000) describes the definitional and statistical improvements that were incorporated in the comprehensive revision of the estimates.

Gross product by industry. "Improved Estimates of

Mission and Strategic Plan

The mission statement of the Bureau of Economic Analysis and the latest update to its strategic plan for improving the accuracy, reliability, and relevance of the national, regional, and international accounts are available on BEA's Web site at <www.bea.doc.gov>. For information about the development and the implementation of the plan, see these SURVEY articles.

"Mid-Decade Strategic Review of BEA's Economic Accounts: Maintaining and Improving Their Performance" (February 1995)

"Mid-Decade Strategic Review of BEA's Economic Accounts: An Update" (April 1995)

"BEA's Mid-Decade Strategic Plan: A Progress Report" (June 1996)

Gross Product by Industry for 1947–98" (June 2000) describes the most recent comprehensive revision of these estimates.

Input-output accounts. "Benchmark Input-Output Accounts for the U.S. Economy, 1992" (November 1997) describes the preparation of the 1992 accounts and the concepts and methods that underlie the accounts.

"Annual Input-Output Accounts of the U.S. Economy, 1996" (January 2000) presents annual tables for 1996 that update the 1992 benchmark accounts.

Satellite accounts. These accounts extend the analytical capacity of the national accounts by focusing on one aspect of economic activity.

"Integrated Economic and Environmental Satellite Accounts" and "Accounting for Mineral Resources: Issues and BEA's Initial Estimates" (April 1994)

"A Satellite Account for Research and Development" (November 1994)

"U.S. Transportation Satellite Accounts"
For 1992 (April 1998)
For 1996 (May 2000)

"U.S. Travel and Tourism Satellite Accounts for 1992" (July 1998)

International accounts

The international accounts encompass the international transactions accounts, direct investment, and international transactions in services.

International transactions accounts (ITA's). *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (1990) describes the methodologies used to prepare the estimates in the ITA's and the international investment position of the United States. These methodologies are usually updated and improved as part of the annual revisions of the ITA's.

"U.S. International Transactions, Revised Estimates" is a series of articles about the annual ITA revisions and the improvements in methodology; the latest article was published in July 1999.

Direct investment. *International Direct Investment: Studies by the Bureau of Economic Analysis* (1999) is a collection of previously published articles on U.S. direct investment abroad and foreign direct investment in the United States. It also includes the following information.

"Methodology for U.S. Direct Investment Abroad," which is also available in *U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final Results* (1998)

"A Guide to BEA Statistics on U.S. Multinational Companies," which is also available in the March 1995 SURVEY

"Methodology for Foreign Direct Investment in the United States," which is also available in *Foreign Direct Investment in the United States: 1992 Benchmark Survey, Final Results* (1995)

"A Guide to BEA Statistics on Foreign Direct Investment in the United States," which is also available in the February 1990 SURVEY

International services. *U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis* (1998) describes 11 surveys. It includes classifications, definitions, release schedules, the methods used to prepare the estimates, and samples of the survey forms.

Regional accounts

The regional accounts include estimates of personal income and gross state product.

Personal income. Estimates of personal income are prepared for States and for local areas.

"Comprehensive Revision of State Personal Income for 1969–99" (June 2000) summarizes the changes in the methodology that is used to prepare the estimates. The detailed methodology is available on the CD–ROM *State Personal Income, 1969–98.*

Local Area Personal Income, 1969–92 (1994) describes the detailed methodology that is used to prepare the estimates for counties and metropolitan areas. This information is also available on the CD–ROM *Regional Economic Information System, 1969–98*.

Gross state product. "Comprehensive Revision of Gross State Product by Industry, 1977–94" (June 1997 SURVEY) summarizes the sources and the methods that are used to prepare the estimates.

"Gross State Product by Industry, 1977–96" (June 1998) and "Gross State Product by Industry, 1995–97" (June 1999) present the most recent revisions to the estimates and summarize the changes in methodology.

Availability

Most of the items listed here are available on our Web site at <www.bea.doc.gov>. Our online *Catalog of Products* provides descriptions of both our printed and electronic publications. The *Catalog* also includes links to compressed files of our diskette products that can be downloaded for free.

For specific information about the availability of our most recently released estimates and products, see "Getting BEA's Estimates" on the inside back cover.