

SURVEY of CURRENT BUSINESS



IN THIS ISSUE...

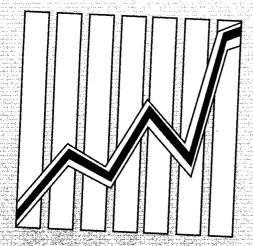
Improved Estimates of Gross Product by Industry for 1947–98

Comprehensive Revision of State Personal Income for 1969–99

U.S. DEPARTMENT OF COMMERCE

ECONOMICS AND STATISTICS ADMINISTRATION

BUREAU OF ECONOMIC ANALYSIS



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U.S. International Trade in Goods and Services (May 19),

Gross Domestic Product (May 25), and

Personal Income and Outlays (May 26).

TABLE OF CONTENTS

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

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.

- Continued on the next page -

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

Inside back cover: Getting BEA's Estimates

Back cover: Schedule of Upcoming BEA News Releases

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.

B U S I N E S S S I T U A T I O N

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

(I) EAL gross domestic product (GDP) 1\ 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

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 (1996–100) are 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 cha	ined (1	996) do	ollars			ange fr	
	Level	Char		m prece arter	eding		1999		2000
	2000		1999		2000	11		IV.	i .
	1	11	111	IV	1	į į	III	IV	1
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 1,465.5	10.0 44.5				4.0 14.4		10.1 8.7	5.5 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 Nonfarm Farm	30.5 36.7 -6.8	-36.1 -30.0 -6.5	24.0 28.1 -4.7	28.7 31.1 –2.9	-36.2 -35.6 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 Durable goods Nondurable goods Services Gross private domestic fixed investment Nonresidential fixed investment Structures Equipment and software Residential investment	6,214.3 890.6 1,836.7 3,501.8 1,692.5 1,315.2 257.6 1067.7 381.6	73.2 17.3 14.2 42.5 25.1 20.2 -3.4 25.2 5.1	71.2 15.1 15.6 41.1 26.3 31.4 -2.4 35.7 -3.7	87.2 25.5 32.7 31.3 10.5 8.9 3 9.8 1.7	111.4 43.9 24.7 47.1 74.7 72.0 11.8 61.3 4.8	5.1 9.1 3.3 5.2 6.6 7.0 -5.3 11.2 5.5	4.9 7.7 3.6 5.0 6.8 10.9 -3.8 15.7 -3.8	5.9 13.0 7.6 3.7 2.6 2.9 5 4.0 1.8	7.5 22.4 5.6 5.6 19.8 25.2 20.7 26.6 5.2
Government consumption expenditures and gross investment Federal National defense Nondefense State and local	1,564.8 535.8 340.2 195.4 1028.5	4.9 2.9 -2.2 5.0 2.2	17.0 5.4 9.1 -3.6 11.5	34.3 18.8 14.1 4.8 15.6	-4.8 -22.5 -22.2 5 17.4	1.3 2.1 -2.6 10.9	4.5 4.1 11.2 -7.1 4.8	9.3 14.7 17.2 10.3 6.4	-1.2 -15.1 -22.3 9 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

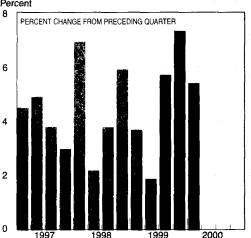
Note—Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar 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.)

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.

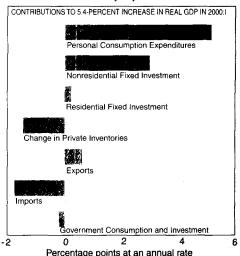
Real final sales of domestic product and real gross domestic purchases were revised little. The preliminary estimates of the increases in the price indexes for gross domestic purchases and for GDP were the same as the advance estimates. (The

CHART 1





Based on Seasonally Adjusted Annual Rates



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

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

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

[Seasonally adjusted at annual rates]

		1999		2000
	В	1115	IV	1
Percent change at annual rate: Gross domestic product	1.9	5.7	7.3	5.4
Percentage points at annual rates: Personal consumption expenditures Durable goods Nondurable goods Services Gross private domestic investment Fixed investment Nonresidential Structures Equipment and software Residential Change in private inventories Net exports of goods and services Exports Goods Services Imports Goods Services Government consumption expenditures and gross investment Federal National defense Nondefense State and local	3.36 .71 .64 2.00 -3.6 1.10 .86 -1.6 1.02 .24 -1.46 -1.35 .42 .32 .10 -1.77 -1.59 -19 .23 .10	3.33 .62 .73 1.98 2.26 1.16 1.33 11 1.44 17 1.09 73 1.19 0 -1.92 -1.84 08	4.07 1.03 1.51 1.53 1.72 48 39 -0.01 -1.24 -1.20 -1.120 0.88 3.24 -1.20 1.20 0.88 1.61 8.87 .65 .22	5.02 1.70 1.12 2.20 1.70 3.13 2.90 5.56 2.35 -1.43 -1.12 .08 -1.72 -1.54 -1.8 -20 -1.99 -0.02

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.

- 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

Table 3.—Percent Changes in Prices
[Annual rates; based on seasonally adjusted index numbers (1996=100)]

		•		
		1999		2000
	II.	BI	IV	-
Gross domestic product	1.3	1.1	2.0	2.7
Less: Exports of goods and servicesPlus: Imports of goods and services	.7 5.2	1.3 6.2	2.6 4.9	2.1 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 Food Energy goods and services ¹ Other personal consumption expenditures	2.2 1.2 26.9 1.3	1.8 2.1 14.2 1.2	2.5 2.3 12.0 2.0	3.1 2.4 34.7 1.8
Private nonresidential fixed investment	-1.4 2.2 -2.5	-1.3 3.4 -2.7	0 3.5 -1.1	.1 4.0 –1.0
Private residential investment	3.6	4.1	2.2	3.9
Government consumption expenditures and gross investment Federal National defense Nondefense State and local	2.9 .9 1.0 .7 4.0	3.3 1.8 1.8 1.8 4.2	3.4 2.7 2.5 3.1 3.8	5.8 7.3 6.4 9.0 5.0
Addendum: Gross domestic purchases less food and energy	1.2	1.2	1.9	2.1

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.

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.

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

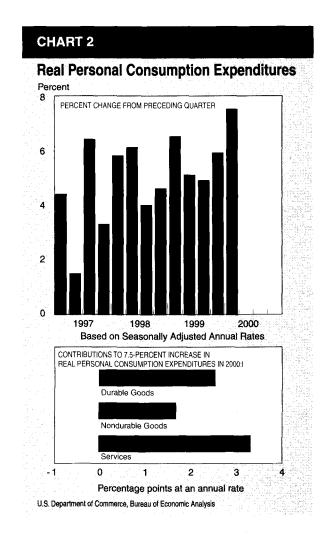


Table 4.—Real Personal Consumption Expenditures
[Seasonally adjusted at annual rates]

	В	illions of cl	hained (19	96) dollars	5	Percer		from prec	eding
	Level Change from preceding quarter						quai	ler	0000
	2000		1999		2000	1999			2000
		II	111	IV	1	11	Ш	IV	1
Personal consumption expenditures	6,214.3	73.2	71.2	87.2	111.4	5.1	4.9	5.9	7.5
Durable goods Motor vehicles and parts Of which: New autos New light trucks Furniture and household equipment Other	890.6 346.2 113.3 100.8 375.1 171.4	17.3 6.8 5.6 1.3 8.8 1.8	15.1 2.4 8 2.3 10.5 2.9	25.5 6.1 7.0 2 13.4 6.5	43.9 20.5 4.9 11.7 15.7 7.3	9.1 9.2 25.5 6.0 11.3 4.8	7.7 3.0 -3.2 11.0 13.0 8.0	13.0 7.9 30.9 1.2 16.5 17.4	22.4 27.7 19.4 63.6 18.6 18.9
Nondurable goods Food Clothing and shoes Gasoline, fuel oil, and other energy goods Other	1,836.7 878.1 332.8 142.1 484.3	14.2 5.1 2.1 1.0 6.0	15.6 5.4 4.8 .6 4.9	32.7 23.1 -3.5 1.5 10.6	24.7 5.0 14.7 -3.9 10.2	3.3 2.4 2.7 2.8 5.4	3.6 2.6 6.2 1.8 4.3	7.6 11.3 -4.3 4.3 9.5	5.6 2.3 19.9 –10.3 8.9
Services Housing Household operation Electricity and gas Other household operation Transportation Medical care Recreation Other	3,501.8 839.3 366.5 132.9 233.3 245.5 896.7 243.2 909.7	42.5 4.7 4.8 1.1 3.6 2.2 6.4 6.6 17.8	41.1 5.4 5.6 3.2 2.5 2.5 8.9 7.4 11.5	31.3 5.6 -3.4 -5.2 1.6 1.5 8.2 3.9 14.8	47.1 5.2 5.5 2.7 2.8 1.6 7.6 6.9 20.3	5.2 2.3 5.6 3.5 6.7 3.6 3.0 12.7 8.7	5.0 2.7 6.4 9.9 4.4 4.2 13.8 5.4	3.7 2.7 -3.7 -14.4 2.9 2.6 3.8 6.9 7.0	5.6 2.5 6.2 8.5 4.9 2.7 3.5 12.2 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.

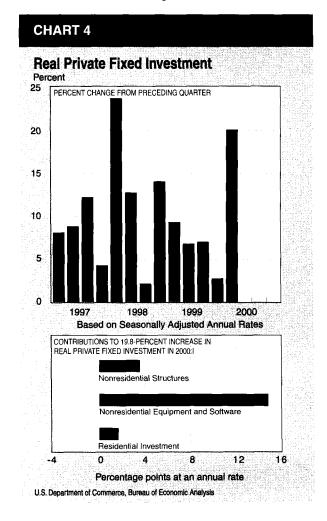
Expenditures for durable goods jumped 22.4 percent in the first quarter after increasing 13.0 percent in the fourth. The step-up was largely accounted for by an acceleration in motor vehicles and parts, mostly in trucks and recreational vehicles. Furniture and household equipment and "other" durable 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 **Selected Factors Affecting Consumer Spending** Percent change 10 REAL DISPOSABLE PERSONAL INCOME Percent 10 **UNEMPLOYMENT RATE** 2 Index CONSUMER SENTIMENT 3 110 100 90 80 70 1999 2000 1. Based on seasonally adjusted annual rates

- All civilian workers, seasonally adjusted. Data: U.S. Department of Labor,
 Bureau of Labor Statistics
 Data: University of Michigan's Survey Research Center
- U.S. Department of Commerce, Bureau of Economic Analysis



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-

Table 5.—Real Private Fixed Investment [Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars						Percent change from prece			
	Level Change from preceding quarter					quarter				
	2000		1999		2000	 	1999		2000	
	1	11	111	IV	-	H	111	IV	ı	
Private fixed investment	1,692.5	25.1	26.3	10.5	74.7	6.6	6.8	2.6	19.8	
Nonresidential Structures Nonresidential buildings, including farm Utilities Mining exploration, shafts, and wells Other structures	1,315.2 257.6 185.4 39.5 26.3	20.2 -3.4 -5.4 1 1.0 1.1	31.4 -2.4 -4.0 .5 1.7 8	8.9 3 7 5 1.0 1	72.0 11.8 8.9 1.5 1.0	7.0 -5.3 -11.1 -1.5 19.5 100.1	10.9 -3.8 -8.4 5.3 35.6 -38.2	2.9 5 -1.6 -5.1 16.2 -5.7	25.2 20.7 21.8 17.2 17.9 20.7	
Equipment and software Information processing equipment and software Computers and peripheral equipment ¹ Software ² Other Industrial equipment Transportation equipment Of which: Motor vehicles Other	1,067.7 582.9 266.0 163.7 195.2 160.0 208.0 167.5 135.6	25.2 30.6 19.5 5.4 10.6 1.6 .8 3.7 -3.7	35.7 25.0 20.6 5.0 6.3 3.4 12.4 14.0 -3.2	9.8 15.7 9.8 4.6 3.9 4.3 -7.6 -6.9 2	61.3 41.2 22.7 7.1 16.6 5.7 11.6 4.4 5.7	11.2 28.6 46.9 16.1 29.9 4.3 1.6 10.3 -10.4	15.7 21.6 44.5 14.3 15.7 9.8 28.7 41.0 –9.2	4.0 12.4 17.9 12.6 9.2 11.9 –14.1 –15.4 –5	26.6 34.0 42.9 19.2 42.9 15.6 25.9 11.4 18.5	
Residential	381.6 205.0 23.8 152.6	5.1 0 4 5.6	-3.7 -4.1 0 .5	1.7 4.8 3 -3.0	4.8 8.5 1.2 –5.1	5.5 1 -6.5 15.4	-3.8 -8.0 8 1.2	1.8 10.5 -4.0 -7.3	5.2 18.5 22.7 –12.3	

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 5.5 and 8.98 (motor vehicles). Percent changes in major aggregates are shown in NIPA table S.1.

^{6. &}quot;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.

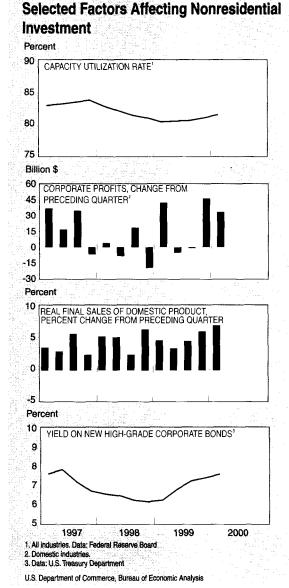
^{7. &}quot;Other" equipment includes construction and agricultural machinery, mining and oilfield machinery, electrical equipment not included in other categories, furniture and fixtures, and service-industry machinery.

I. Includes new computers and peripheral equipment only.
 Excludes software "embedded," or bundled, in computers and other equipment.
 "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 domnitories and of fraterrity and soror-

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 attribut-

CHART 5



able 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.

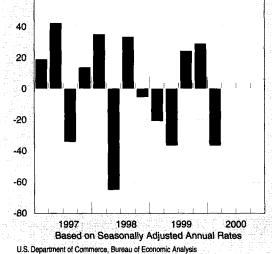
Inventory investment

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

Real Private Inventory Investment: Change from Preceding Quarter Billion chained (1996) \$



^{8. &}quot;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).

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 slow-down 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						ge from pr	eceding qu	arter
	1999 2000					2000			
	1	11	191	IV	1	ll ll	IN	IV	1
Change in private inventories	50.1	14.0	38.0	66.7	30.5	-36.1	24.0	28.7	-36.2
CCH <mark>allu</mark>	7.4	.9	-3.8	-6.7	-6.8	-6.5	4.7	-2.9	1
Nonfarm Manufacturing Durable goods Nondurable goods Wholesale trade Durable goods Nondurable goods Nondurable goods Retail trade Durable goods Retail trade Durable goods Of which: Motor vehicle dealers Nondurable goods Other Durable goods Nondurable goods Nondurable goods	43.1 0 1.8 -1.8 9.5 11.8 -2.4 17.5 9.5 3.1 8.0 15.7 1.7	13.1 -8.3 -6.6 -1.7 11.1 11.0 1.9 4.0 -2.0 6.3	41.2 1.7 1.8 0 25.1 11.1 14.0 14.1 11.8 9.3 2.5 -1.0	72.3 8.2 3.0 5.1 15.0 17.3 -2.4 4.4 29.1 15.3 15.6 3.6 1.1	36.7 12.8 8.6 4.2 21.4 16.4 5.1 -1.7 -2.0 -4.6 3 4.6 1.0	-30.0 -8.3 -8.4 1.6 8 2.5 -11.6 -5.5 -3.1 -6.1 -3.7 -7.7	28.1 10.0 8.4 1.7 14.0 13.9 8.2 7.8 9.3 6 -4.0 1.0	31.1 6.5 1.2 5.1 -10.1 6.2 -16.2 30.3 17.3 6.0 13.1 3.5 2.1 1.3	-35.6 4.6 5.6 9 6.4 9 7.3 -46.1 -19.9 -15.3 1.0 1.1
Addenda: Motor vehicles Autos Trucks	6.4 1.7 4.5	2.5 -7.9 9.2	13.3 3.3 9.4	18.0 7.7 9.9	-2.2 3.9 -5.4	-3.9 -9.6 4.7	10.8 11.2 .2	4.7 4.4 .5	-20.2 -3.8 -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]

	Ε	Billions of c	hained (19	96) dollar	s	Percer	nt change qua	from prec	eding
	Level Change from preceding quarter						0000		
	2000		1999		2000	ļ		2000	
	1	II	111	IV	-	"	Ш	١٧	ı
Exports of goods and services Exports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials Capital goods, except automotive Automotive vehicles, engines, and parts Consumer goods, except automotive Other Exports of services ¹	1,092.6 796.8 59.4 162.2 363.0 79.0 86.9 46.4 297.2	10.0 7.7 3.2 3.0 -1.2 3.5 4 1 2.2	28.3 29.2 3.0 2.6 23.7 .8 1.4 -1.5	25.6 20.4 3 9.4 4.6 .5 2.9 2.8 5.3	14.4 13.1 .6 .1 6.3 3.7 3.7 -1.7	4.0 4.3 25.9 8.5 -1.5 21.3 -2.3 6 3.2	11.5 16.9 23.3 6.9 32.1 4.3 7.4 -12.2	10.1 11.1 -1.6 27.2 5.3 3.0 15.3 26.4 7.6	5.5 6.8 4.1 .3 7.3 21.2 19.0 -13.0 2.2
Imports of goods and services Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Petroleum and products Capital goods, except automotive Automotive vehicles, engines, and parts Consumer goods, except automotive Other Imports of services ¹	1,465.5 1,256.0 47.0 167.2 82.2 420.5 194.4 272.1 74.1 211.4	44.5 40.5 2.3 3.4 4.7 23.0 3.0 5.1 1.5 4.3	47.6 46.4 1.2 4.5 -2.6 19.5 10.7 10.8 2.1 1.8	29.3 27.9 .4 5.7 -6.1 16.9 1.1 11.5 .8 1.7	43.2 39.2 6 2.5 5.6 13.6 9.2 9.0 -1.0 4.2	14.4 15.5 22.9 9.3 25.5 29.2 7.1 8.9 8.4 8.9	14.9 17.3 10.7 12.1 -11.6 22.8 27.1 19.2 12.7 3.6	8.7 9.7 2.9 15.1 -26.3 18.4 2.4 19.6 4.2 3.4	12.7 13.5 -4.6 6.3 32.9 14.1 21.5 14.4 -5.1 8.3

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.

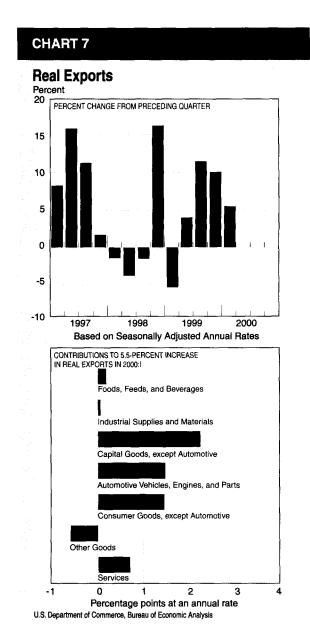
In the first quarter, the ratio of real private nonfarm inventories to real final sales of domestic businesses decreased to 2.06 from 2.09; the inventory-sales ratio that includes only final sales of goods and structures decreased to 3.62 from 3.70

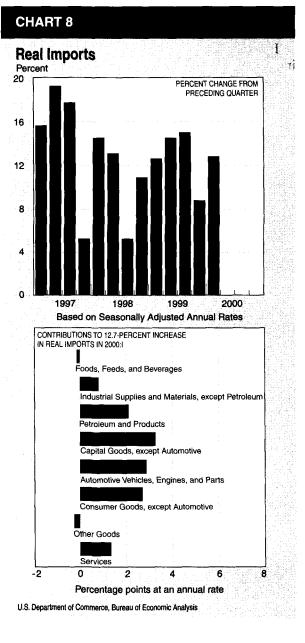
(see NIPA table 5.13).¹⁰ Both series were at their lowest levels since 1966.

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.

^{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.





^{9. &}quot;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.

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.

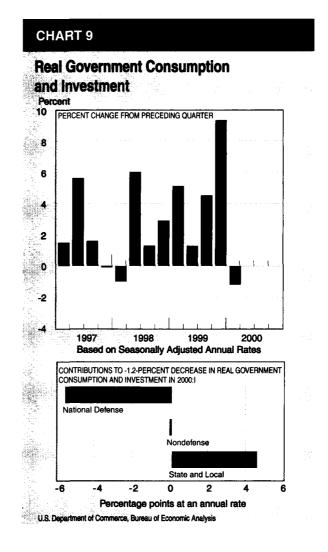


Table 8.—Real Government Consumption Expenditures and Gross Investment

[Seasonally adjusted at annual rates]

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

Gross government investment consists of general government and government enterprise ex-penditures for fixed assets; inventory investment is included in government consumption expendi-

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.

^{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; tele-

communications; insurance; and business, professional, and technical

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

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

[Seasonally adjusted at annual rates]

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

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 petro-leum imports for February (revised) and March, and housing prices for the first quarter.

in equipment and software; consumption spending increased about the same amount in both quarters.

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 supand materials—and reflected 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

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, 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 (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 Ratel 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, 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.

"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; real product of domestic nonfinancial corpo-Lions 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-

tory valuation and capital consumption adjustments plus the consumption of

Table 10.—Corporate Profits [Seasonally adjusted]

		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						
		Billions o	f dollars (an	nual rate)		Per	cent change	(quarterly ra	te)
	Level Change from preceding quarter				1999		2000		
	2000		1999		2000	,,	ill	n,	
	1	11	113	IV	i		"	I IV	ľ
Profits from current production Domestic industries Financial Nonfinancial Rest of the world Receipts (inflows) Payments (outflows) IVA	953.9 855.0 202.1 652.9 98.9 185.2 86.3	-6.4 -5.5 -7.8 2.3 -1.0 7.1 8.1	3.6 -1.1 4.4 -5.5 4.8 5.4 .6	35.3 45.9 19.5 26.3 -10.6 4.5 15.1	34.5 33.1 .6 32.6 1.4 11.2 9.8	-0.7 7 -4.2 .4 9 4.5 15.2	0.4 1 2.5 9 4.6 3.3 1.0	4.0 5.9 10.7 4.4 -9.8 2.7 24.6	3.8 4.0 .3 5.2 1.4 6.4 12.8
CCAdj Profits before tax Profits tax liability Profits after tax	56.9 923.7 288.7 635.0	2.7 17.7 6.4 11.3	-1.2 18.0 5.0 12.9	1.0 32.5 16.3 16.3	-1.1 37.4 13.0 24.4	2.2 2.6 2.0	2.1 2.0 2.2	3.8 6.3 2.7	4.2 4.7 4.0
Cash flow from current production Domestic industry profits: Corporate profits of domestic industries with IVA Financial Nonfinancial	979.8 798.1 227.1 571.0	-6.7 -8.2 -7.0 -1.3	12.3 .1 5.6 –5.5	20.9 44.9 21.0 23.9	29.9 34.2 2.2 32.0	7 -1.1 -3.4 2	. 1.3 0 2.8 –1.1	6.2 10.3 4.6	3.2 4.5 1.0 5.9
			Dollars						
Unit price, costs, and profits of nonfinancial corporations: Unit price Unit labor cost Unit nonlabor cost Unit profits from current production	1.018 .657 .236 .125	0.003 .003 0 001	0 0 .003 003	0.002 002 .001 .003	0.004 0 0 .004				

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

^{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 BFA's international transactions accounts. derived from BEA's international transactions accounts.

15. Cash flow from current production is undistributed profits with inven-

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.

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

Table 11.—Government Sector Current Receipts and Expenditures [Billions of dollars, seasonally adjusted at annual rates]

	Level Change from preceding quarti					
	2000		19	99		2000
	1	ı	il.	118	١٧	ı
Current receipts	2938.2 2695.2	36.4 4.0	37.8 28.4	46.1 19.1	72.1 73.9	65.6 3.5
Current surplus or deficit(-)	243.0	32.4	9.4	27.0	-1.8	62.1
Social insurance funds	83.7 159.4	5.7 26.7	3.7 5.7	3.3 23.7	2.2 -4.0	1.8 60.4
Federal Government						
Current receipts	1976.8	33.2	26.6	30.0	39.2	54.
Personal tax and nontax receipts Corporate profits tax accruals Indirect business tax and nontax accruals Contributions for social insurance	949.6 247.9 107.7 671.5	9.8 10.0 -0.1 13.4	14.2 5.5 0.5 6.4	15.9 4.3 1.5 8.3	14.7 14.3 3.5 6.7	26.9 11.2 2.3 13.0
Current expenditures	1790.5	-4.6	6.1	14.3	60.9	-19.
Consumption expenditures National defense Nondefense Nondefense Transfer payments (net) To persons To the rest of the world Grants-in-aid to State and local governments Net interest paid Subsidies less current surplus of government enterprises Subsidies Of which: Agricultural subsidies Less: Current surplus of government enterprises Less: Wage accruals less disbursements	483.4 310.5 172.9 773.5 766.8 6.7 234.4 263.9 35.3 40.6 18.6 5.3	7.0 1.2 5.9 1.3.1 -11.9 5.7 -8.3 -10.3 -8.4 -8.0 1.8	-1.8 -3.8 2.0 63.9 2.4 -4.2 -1.2 6.9 7.3 0.1	9.8 11.3 -1.5 5.9 -0.7 14.9 -10.3 -10.1 0.2 0	16.9 13.4 3.6 15.3 6.0 9.2 5.0 0.7 22.8 22.9 22.5 0.1	-8.5 -15.0 6.4 3.4 -11.0 -1.5 -16.5 -16.0 0.0
Current surplus or deficit (-)·	186.3	37.9	20.5	15.7	-21.6	74.
Social insurance fundsOther	82.4 103.9	5.9 32.0	3.4 17.1	3.3 12.4	2.0 -23.6	1. 72.
State and local governments						
Current receipts	1195.8	8.9	7.0	31.0	37.9	9.
Personal tax and nontax receipts	263.1 40.9 645.6 11.9 234.4	2.0 2.3 -1.1 0 5.7	0.4 1.0 9.7 0.2 -4.2	5.1 0.6 10.0 0.3 14.9	8.7 2.1 21.8 0.3 5.0	2.0 1.8 7.0 0.4 -1.3
Current expenditures	1139.1	14.3	18.2	19.7	18.0	22.
Consumption expenditures Transfer payments to persons Net interest paid Less: Dividends received by government Subsidies less current surplus of government enterprises Subsidies Less: Current surplus of government enterprises Less: Wage accruals less disbursements	902.2 250.3 -0.4 0.4 -12.6 0.5 13.1	10.2 3.4 0.8 0 0 0	16.0 1.7 0.3 0 0 0	18.1 1.7 0.1 0 -0.1 0 0.1	15.9 2.5 0 0 -0.5 0 0.5	19.i 2.i 0.i -0. 0
Current surplus or deficit (-)	56.7	-5.5	-11.1	11.3	19.9	-12.
Social insurance funds	1.3	-0.1	0.2	0	0.2	0.

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

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.

receipts.—Federal current receipts Current 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 Section 1990 and 1990 and 1990 are saving expensive.

^{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 somall conceptual differences, such as the classification of the Federal Government. 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.

and 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 decelera-

tion 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.)

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

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

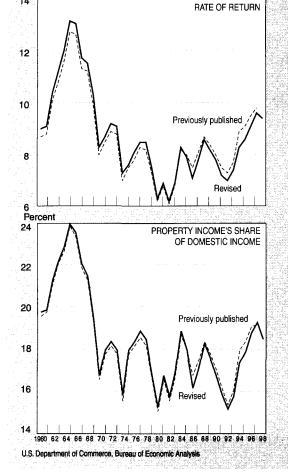
[Percent]

		Rate of return		Sha	re of domestic inco	ome
.,	Dome	estic property in	come	Don	nestic property inco	ome
Year -	Total	Profits from current production	Net interest	Total	Profits from cur- rent production	Net interest
	(1)	(2)	(3)	(4)	(5)	(6)
1960	9.0 9.1 10.4 11.2 12.0 13.1 13.0 11.7 11.5 10.3	8.3 8.3 9.5 10.3 11.0 12.1 11.9 10.4 10.2 8.7	0.7 .8 .9 .9 1.0 1.1 1.2 1.3	19.8 19.9 21.3 22.2 22.9 24.1 23.6 22.1 21.5 19.5	18.2 18.2 19.5 20.5 21.1 22.2 21.5 19.7 19.0	1, 1, 1, 1, 1, 2, 2, 2, 3,
1970	8.3 8.7 9.2 9.1 7.3 7.6 8.5 7.5	6.4 6.9 7.4 7.3 5.3 5.9 6.6 7.0 6.9 5.7	1.9 1.8 1.9 2.0 1.7 1.5 1.5	16.8 18.0 18.4 18.0 15.9 18.0 18.4 18.9 18.5	13.1 14.3 14.9 14.3 11.6 15.0 15.5 15.0 12.9	3. 3. 3. 3. 4. 4. 3. 3. 3. 3.
1980 1981 1982 1983 1984 1985 1986 1986 1987	6.3 6.9 6.9 8.3 7.9 7.1 8.6 8.2	4.4 4.8 4.9 6.1 5.8 4.8 5.5 6.0 5.2	1.9 2.1 2.2 2.0 2.2 2.3 2.3 2.6 3.0	15.3 16.8 15.8 17.0 18.9 18.0 16.2 17.1 18.3 17.6	10.6 11.7 10.1 12.1 13.9 13.1 11.0 12.0 12.8	4. 5. 5. 5. 4. 5. 5. 6.
1990	7.8 7.2 7.0 7.4 8.3 8.6 9.1 9.6 9.4	4.9 4.6 5.0 5.6 6.6 6.8 7.5 7.9 7.7	2.9 2.6 2.0 1.8 1.8 1.6 1.7	16.8 15.9 15.2 17.4 17.9 18.8 19.3 18.5	10.5 10.2 10.8 12.0 13.7 14.2 15.5 15.9	6. 5. 4. 3. 3. 3. 3.
Average: 1960-69 1970-79 1980-89 1990-98	11.1 8.3 7.4 8.3	10.1 6.5 5.1 6.3	1.0 1.7 2.3 2.0	21.7 17.8 17.1 17.3	19.6 14.0 11.9 13.1	2.0 3.7 5.1 4.1

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.

14

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



Digitized for FRASER http://fraser.stlouisfed.org/ Federal Reserve Bank of St. Louis

^{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.

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

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

[Billions of dollars]

	Domest	ic property			
Year	Total	Profits from current produc- tion	Net interest	Domestic income	Produced assets ¹
	(1)	(2)	(3)	(4)	(5)
1960 1961 1962 1962 1963 1964 1965 1966 1966 1966 1967 1968 1969 1970 1970 1971 1972 1972 1974 1975 1976 1976 1976 1977 1977	44.6 46.1 54.1 60.3 67.2 78.3 84.4 82.7 88.4 86.7 76.5 87.9 100.3 110.7 105.0 127.2 147.4 172.0 192.8	41.1 42.6 55.5 61.9 72.2 77.0 73.9 78.3 78.3 78.3 78.5 119.9 141.3 156.5 150.1	3.5 4.0 4.5 4.8 5.3 6.1 7.4 8.8 10.1 13.2 17.1 18.1 19.2.5 28.3 28.7 27.5 30.7 30.7 30.7 45.0	225.6 231.3 254.1 271.2 293.7 324.6 358.2 374.9 445.2 456.2 656.2 660.1 705.8 802.4 912.0	499.3 511.2 528.6 546.5 575.5 615.6 681.8 736.5 803.1 885.0 963.3 1,047.7 1,135.6 1,291.8 1,743.2 1,921.0 2,133.9 2,425.6
1980	190.8 236.2 228.8 263.0 330.6 334.2 330.1 353.3 412.2 416.1 414.6 395.7 395.7 392.2 431.2 510.4 558.3 617.8	132.7 164.4 146.3 186.4 242.9 243.7 210.7 248.3 288.6 264.2 258.5 252.8 278.3 402.5 442.5 509.1	58.1 71.8 82.5 76.6 76.7 90.4 98.4 105.1 123.6 151.8 156.0 143.0 113.9 107.9 115.8	1,247.8 1,406.1 1,444.9 1,752.1 1,856.4 1,912.9 2,069.7 2,256.2 2,362.7 2,482.6 2,586.5 2,721.9 2,940.6 3,111.0 3,284.9	3,212.9 3,600.2 3,788.9 3,884.3 4,124.0 4,301.2 4,429.5 4,645.5 4,931.4 5,190.7 5,515.5 5,687.4 6,308.3 6,652.2 6,956.5

^{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 <pea,doc,gov/bea/dnh.htm> and click on "Data fless for the 15 tables in the above article." The estimates for domestic nonfinancial corporations are in files "7kcu.bt" and "9kcu.bt". Inventories are from legal-form and industry detail underlying NIPA table 5.12.

the portion of domestic income that is not labor income.

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

mates of property income used in this article.

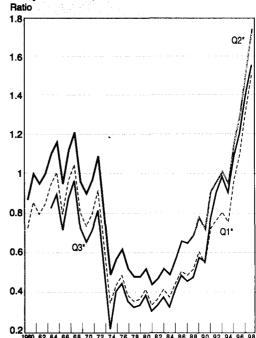
For a discussion of the industrial distribution of NIPA series, see Eugene P. Seskin and Robert P. Parker, "A Guide to the NIPA's," SURVEY 78 (March 1998): 42-43.

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

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-Type Ratios, Domestic Nonfinancial Corporations, 1960–98



*See text for definitions.
U.S. Department of Commerce, Bureau of Economic Analysis

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.

^{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.

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. These tables replace the previously published functional tables. 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.

Note—This report was prepared by Karl Galbraith.

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.

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>.

^{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.

^{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.

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

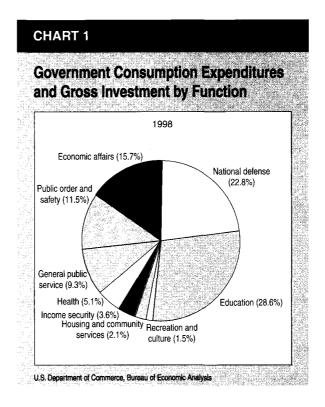
In 1998, the largest shares of total government consumption expenditures and gross investment spending were for education, at 28.6 percent, and for national defense, at 22.8 percent (chart 1). National defense accounts for 64.7 percent of Federal Government spending, and education accounts for 43.6 percent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



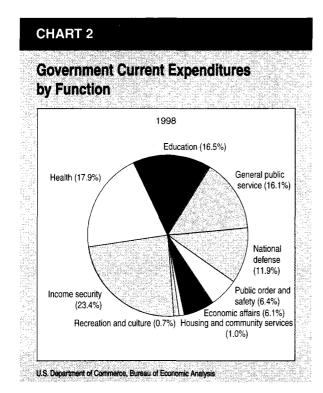


Table A.—Average Annual Growth Rates in Government Expenditures by Function

[Percent]

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

^{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		Line	1995	1996	1997	1998
Government	1	1,372.0	1,421.9	1,481.0	1,529.7	Water	58	6.5	6.6	6.8	7.3
General public service	2	125.2	125.3	136.0	141.6	Transit and railroad	59 60	2.9 2.9	.6 3.7	.8 4.5	.6 5.1
Executive and legislative	3	29.6	27.4	30.8	32.0	Space	61	16.4	17.6	17.8	16.8
Tax collection and financial management	5	39.7 55.9	40.1 57.8	44.0	45.4 64.2	Other	62	Ö	0	0	Ö
Other	P.	350.6	357.0	61.3 352.5	348.6	Housing and community services	63	1.4	1.6	1.7	1.3
National defense	l,	142.1	152.8	163.8	175.3	Health	64	40.9	42.4	44.0	46.4
Public order and safety	lá	53.6	58.9	64.2	69.5						
Fire	١٥	18.6	19.4	20.5	21.8	Recreation and culture	65	2.4	2.3	2.9	2.8
Law courts		26.7	28.6	30.7	33.5	Education	66	4.3	5.0	5.0	5.7
Prisons	11	43.1	45.9	48.3	50.5	Elementary and secondary	67	.6	.6	.5	.6
Economic affairs	12	213.1	220.7	234.6	239.4	Higher	68	.9	.9	.9	1.0
General economic and labor affairs	l iā	18.6	19.4	20.3	21.0	Other	69	2.8	3.5	3.5	4.2
Agriculture	14	10.6	10.9	13.0	12.8	Income security	70	5.9	6.0	6.6	8.3
Energy	15	16.4	13.5	13.4	11.0	Disability	71	.5	4	.5	.5
Natural resources	16	21.8	23.0	23.4	24.9	Retirement 1	72	1.3	1.2	1.3	1.6
Transportation	17	126.1 98.2	132.5 103.3	142.0 111.6	147.3 115.9	Welfare and social services	73	3.1	3.3	3.8	4.1
Air	19	I 124	13.0	13.4	14.0	Unemployment	74	.1	.1	.1	.1
Water		7.5	7.8	7.9	8.4	Other	75	.9	1.0	.9	1.9
Transit and railroad		7.5 8.0	7.8 8.4	9.0	9.1						
Postal service	22	2.9	3.7	4.5	5.1	State and local	76	850.5	890.4	943.2	991.0
Space	23	16.4	17.6	17.8	16.8			*****			
Other	24	.3	.3	.3	.4	General public service	77	96.7	99.7	106.8	112.4
Housing and community services	25	27.8	29.4	30.7	31.6	Executive and legislative	78	13.5	14.3	15.2	16.1
Health	26	72.6	74.9	76.4	78.6	Tax collection and financial management Other 3	79 80	27.2 55.9	27.7 57.8	30.3 61.3	32.1 64.2
Recreation and culture	27	18.5	19.3	21.3	22.3	Public order and safety	81	126.9	135.7	145.6	155.8
						Police	82	46.8	50.8	54.9	59.1
Education	28	376.1 288.8	395.2 305.3	415.5 322.3	438. 1 339.6	Fire	83	18.5	19.3	20.4	21.7
Elementary and secondary	30	69.8	70.9	73.7	77.5	Law courts	84	21.6	23.1	25.2	27.5
Libraries	31	5.4	5.8	6.3	6.7	Prisons	85	40.0	42.6	45.1	47.5
Other	32	12.1	13.2	13.3	14.3	Economic affairs	86	140.6	146.2	156.8	162.4
	22	ا 45 م	47.A	50.2	54.3	General economic and labor affairs	87	11.6	11.8	12.3	12.8
Income security	32	45.9 2.7	2.8	50.2 2.8	2.9	Agriculture	88	4.4	4.5	4.9	5.2
Retirement ¹	35	1.3	1.2	1.3	1.6	Energy	89	4.0	3.5	3.8	3.3
Welfare and social services	36	40.8	42.2	45.0	47.8	Natural resources	90	10.5	10.8	11.2	11.6
Unemployment	37	.1	.1	.1	.1	Transportation	91	109.8	115.2	124.4	129.1
Other	38	.9	1.0	.9	1.9	Highways	92	97.7 3.3	102.8 3.4	111.1 3.9	115.4
		1				Air Water	93 94	1.0	1.2	1.2	4.1 1.1
Federal	39	521.5	531.6	537.8	538.7	Transit and railroad	95	7.7	7.8	8.2	8.4
						Other	96	.3	3		.4
General public service	40	28.6	25.6	29.2	29.1		1,-	00.0	07.0		00.0
Executive and legislative	41 42	16.1	13.1 12.4	15.6	15.9 13.2	Housing and community services	97 98	26.5 6.9	27.8 8.0	29.0 8.9	30.3 9.2
Tax collection and financial management Other 2		12.5	16.4	13.6	13.2	WaterSewerage	99	8.2	8.9	9.1	9.1
	} .~		· 1	,	-	Sanitation	100	6.9	7.1	7.6	8.1
National defense	,	350.6	357.0	352.5	348.6	Other	101	4.4	3.7	3.4	3.8
Public order and safety		15.2	17.0	18.2	19.5	Health	102	31.7	32.5	32.4	32.2
Police	46	6.9	8.2	9.3	10.4		1		1	1	
Fire	47 48	[[1 2	ا أنع	6.1	Recreation and culture	103	16.2	17.0	18.3	19.5
Law courts Prisons	49	3.1	5.5 3.3	5.6 3.2	2.9	Education	104	371.9	390.1	410.6	432.3
	1 1	•				Elementary and secondary	105	288.2	304.7	321.8	339.0
Economic affairs	50	72.5	74.6	77.8	77.0	Higher	106	68.9	70.0	72.7	76.5
General economic and labor affairs	51 52	7.0 6.2	7.6 6.3	8.0 8.1	8.2 7.6	Libraries	107	5.4	5.8	6.3	6.7
Agriculture	53	12.3	10.0	9.6	7.0 7.7	Other	108	9.3	9.7	9.8	10.1
Natural resources	54	11.4	12.0	12.1	13.4	Income security	109	40.0	41.3	43.6	46.1
Transportation	55	16.3	12.2 17.2	17.6	18.2	Disability	110	2.3	2.4	2.4	2.4
Highways		.5	.4	.5	.4	Welfare and social services	111	37.8	38.9	41.2	43.7
Air	I 57	9.0	9.5	9.5	9.9	Other		0 1	0 1	0 1	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 government.

Table 3.16.—Government Current Expenditures by Function

[Billions of dollars]

	Line	1995	1996	1997	1998		Line	1995	1996	1997	1998
Government 1	1	2,293.7	2,384.5	2,461.8	2,523.1	Air	59	6.2	6.5	6.9	7.1
General public service	١	385.1	394.5	400.8	405.5	Water	60	6.3	6.4	6.4	6.7
Executive and legislative	. 13	39.0	42.1	41.6	42.9	Transit and railroad	61	1.8	1.6	1.8	1.2
Tax collection and financial management		33.9	32.8	35.9	36.6	Postal service	62	1.8	4.1	4.1	3.4
Net interest paid 2	5	267.8	274.1	275.4	276.1	Space	63	12.6	13.1	13.5	13.0
Other 3	6	44.4	45.5	47.8	49.9	Other	64	١ ٧	0	0	0
National defense		297.1	302.0	304.1	299.5	Housing and community services	65	29.5	30.0	30.5	29.9
Public order and safety	8	132.0	141.9	152.0	162.2	Health	66	319.4	340.2	357.3	364.8
Police		50.7	55.5	60.3	65.0	Recreation and culture	67	2.5	2.5	2.9	2.8
Fire		17.4	18.1	19.1	20.2			200		000	37.5
Law courts		25.2 38.7	26.7 41.7	28.6 44.0	31.1	Education	68	32.2 11.8	34.1 13.1	36.3	
Prisons	12	30.7	41.7	44.0	45.8	Elementary and secondary	69 70	12.1	11.8	12.8 14.0	13.
Economic affairs	13	137.3	142.5	145.1	152.7	HigherOther	71	8.4	9.2	9.5	10.
General economic and labor affairs	14	18.9	19.4	20.3	20.9	Quiei	l ′¹	0.4	3.2	9.5	10.
Agriculture		18.4	19.0	19.5	26.2	Income security	72	501.5	521.2	535.9	551.
Energy] 16	4	-1.8	-4.2	-6.4	Disability	73	62.1	66.0	68.4	71.5
Natural resources	17	17.6	17.9	17.9	18.9	Retirement 5	74	297.5	308.4	321.9	333.
Transportation		80.7	83.9	88.4	92.2	Welfare and social services	75	95.5	95.2	94.1	93.0
Highways		55.0	57.6	61.0	64.5	Unemployment	76	25.0	25.7	23.4	23.
Air		4.5	4.7	5.0	5.0	Other	77	21.4	25.9	28.1	30.
Water	21	6.1	6.2	6.1	6.4			}	i		1
Transit and railroad		15.1	15.4	16.2	16.3		i	1			
Postal service	23	1.8	4.1	4.1	3.4	State and local	78	902.5	939.0	981.5	1,028.7
Space		12.1	12.7	13.0	12.1	Conord willia comice	79	83.6	00.0	90.2	93.5
Other 4	25	11.8	-12.7	-13.9	-14.6	General public service	80	12.4	86.0 13.1	13.9	14.
Housing and community services	26	27.4	26.7	28.8	26.2	Executive and legislative	81	26.5	26.9	29.5	31.3
• • •			i			Net interest paid 2	82	20.5	26.9	29.5 9	31.4
Health	27	401.8	426.9	445.9	452.1	Other?	83	44.4	45.5	47.8	-2. 49.
Recreation and culture	28	14.6	14.9	16.1	16.8	Public order and safety	84	118.9	127.3	136.3	145.
Education	20	358.6	375.5	395.9	416.6	Police	85	44.5	48.2	52.0	56.
Elementary and secondary	30	262.2	276.4	291.3	307.2	Fire	86	17.3	18.0	19.0	20.
Higher		68.7	69.6	74.2	77.0	Law courts	87	20.6	21.8	23.7	25.9
Libraries		4.7	5.1	5.5	5.9	Prisons	88	36.5	39.3	41.6	43.
Other		23.0	24.4	24.9	26.5			1	1	1	1
	1					Economic affairs	89	72.1	74.0	77.4	81.
Income security	34	539.8	559.6	573.2	591.6	General economic and labor affairs	90	12.0	12.1	12.6	13.
Disability	35	73.8 297.5	78.0 308.4	80.3	83.6	Agriculture	91	4.1	4.2	4.5	4.
Retirement 5	36	127.7	127.2	321.9	333.0	Energy	92	-6.6	-7.1	-7.4	-7.
Welfare and social services	37 38	21.6	22.4	125.0 20.3	127.1 20.0	Natural resources	93	8.3	8.5	8.6	9.0
Unemployment		19.2	23.5	25.7	27.9	Transportation	94	66.1	69.0	72.9	77.0
Other	39	19.2	20.0	25.1	21.9	Highways	95	54.6	57.2	60.6	64.
		1		ĺ		Air	96 97	-1.7 1	-1.8	-2.0	-2. -
Federal	40	1.575.7	1.635.9	1.676.0	1.703.8	Water	98	13.3	13.8	14.5	15.
		1	.,	.,		Transit and railroad	99	-11.8	-12.7	-13.9	-14.
General public service	41	302.4	310.4	312.6	314.0	Ouler	33	-11.0	-12.1	-10.5	-147
Executive and legislative	42	27.6	30.9	29.8	30.2	Housing and community services	100	3.7	2.8	5.4	6.
Tax collection and financial management	43	7.4	5.9	6.4	5.4	Water	101	-3.6	-4.0	-4.2	-4.
Net interest paid	44	267.5	273.6	276.3	278.4	Sewerage	102	7	-1.0	-1.2	-10
Other 6	45	0	0	0	0	Sanitation	103	5.3	5.5 2.3	5.9	6.
National defense	46	299.8	304.8	307.0	302.7	Other	104	2.7	2.3	4.9	6.
			1			Hoalth	105	179.6	188.4	193.0	197.
Public order and safety		14.3	15.8	17.9	19.3	Health	1	1		1	1
Police		6.5	7.7	9.5	10.7	Recreation and culture	106	12.2	12.7	13.3	14.
Fire		1 -4	1 2	1 .1	.1	Education	107	341.6	358.1	375.8	396.
Law courts		5.1	5.4	5.6 2.7	6.1	Education	107	261.2	275.4	290.4	396.
Prisons	51	2.6	2.5	2.7	2.4	Elementary and secondary	109	58.1	59.4	61.5	64.
Economic affairs	52	74.1	76.9	75.6	80.9	Higher	110	4.7	5.1	5.5	5.
General economic and labor affairs	53	11.1	11.4	12.0	12.0	Libraries Other	1111	17.6	18.2	18.4	19
Agriculture		15.7	16.0	15.8	22.3			1	l .	l	1
Energy	55	7.2	6.3	4.3	2.3	Income security	112	90.8	89.6	90.0	93.
Natural resources	56	10.9	11.1	10.3	12.6	Disability	113	13.0	13.3	13.3	13.
Transportation		14.7	15.0	15.5	15.3	Welfare and social services	114	77.8	76.3	76.8	79.
						Other	1115	1 0	10	10	1 ^

^{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		Line	1995	1996	1997	1998
Current expenditures 1						Unemployment	74			3.2	
Consumption expenditures:						Other	75	3.3 2.3	3.3 2.3	2.4	3.3 2.3
Government	١, ا	1,133.9	1,171.8	1,222.9	1,261.0	Subsidies less current surplus of government enterprises:	İ	ļ			
General public service	2	108.3	107.3	116.2	120.1	Government	76	22.2	22.6	19.0	20.8
National defense	3	297.5	302.4	304.5	299.9	General public service	77	0	0	1	3
Public order and safety	5	131.9 133.4	141.8 137.5	151.9 144.9	162.1 147.5	National defense		3 2.1	3 3.4	3	3 3.2
Housing and community services	6	6.5	7.0	7.6	7.6	Economic affairs		2.1	3.4	-1.5 0	0.4
Health	7	60.7	61.8	7.6 62.3 15.7	63.6	Agriculture	81	8.6	9.1	7.8	14.
Recreation and culture	8	14.2 336.9	14.6 353.6	15.7 371.2	16.4 391.4	Energy	82	-8.9	-8.7	-10.8	-11.2
	10	44.5	45.8	48.5	52.3	Natural resources	83 84	.8 11.6	.6 11.2	11.6	11.5
,			445.3	457.0	453.5	Transportation		2.0	3.9	3.6	2.8
Federal	12	439.2 25.7	22.8	26.0	25.4	Other ³	86	-11.8	-12.7	-13.9	-14.
National defense	13	297.5	302.4	304.5	299.9	Housing and community services	87	20.4	19.5	20.9	18.
Public order and safety	14	13.1	14.6	15.8 57.7	16.5	Federal	88	32.4	35.1	30.4	32.
Economic affairs	15 16	53.8 1.3	54.6 1.5	1.7	55.5 1.2	General public service	89	0	0_	1	-:
Health "	17	36.5 l	37.3	38.4	40.0	National defense	90	3 10.8	3 13.2	3 9.4	: 14.0
Recreation and culture	18	2.0 3.9	1.9	2.4	2.3	Economic affairs		10.0	13.2	0	14.
Education	19 20	3.9 5.5	4.6 5.6	4.5 6.1	5.1 7.5	Agriculture		8.6	9.1	7.8	14.
		ı i				Energy	94	-2.3	-1.7	-3.4	-3.
State and local	21	694.7 82.6	726.5 84.5	765.9 90.2	807.5 94.7	Natural resources	95 96	.8 1.8	.6 1.3	1.2	
Public order and safety	23	118.8	127.2	136.2	145.5	Transportation	97	2.0	3.9	3.6	2.
Economic affairs	24	79.6	82.9	87.3	92.0	Housing and community services		21.9	22.2	21.4	18.
	25	5.3 24.3	5.5	5.9 23.9	6.4 23.6	State and local	99	-10.2	-12.5	-11.4	-11.
Health	26 27	12.2	24.4 12.7	13.3	14.2	Economic affairs	100	-8.6	-9.8	-10.9	-11.
Education	28	332.9	349.0	366.7	386.3	Energy		-6.6	-7.1	-7.4	-7 .
ncome security	29	39.0	40.2	42.4	44.8	Transportation		9.8	9.9	10.4	10.
Fransfer payments (net):						Other 3		-11.8 -1.6	-12.7 -2.7	-13.9 5	-14.
Government	30 31	869.9 9.0	916.0	944.5	965.2 9.6					1	
General public service Public order and safety	32	9.0	13.0	9.3	9.0	Gross investment	}				
Economic affairs	33	1.8	1.6	1.6	2.0	Government	105	238.2	250.1	258.1	268.7
Housing and community services	34	5	.2	2	2	General public service		18.0	19.2	21.1	23.0
	35 36	341.1	365.1 .4	383.6	388.5	National defense	107	53.1	54.6	48.0	48.7
Education	37	21.8	21.8	24.7	25.2	Public order and safety	108	9.2	9.8	10.6	11.6
Income security	38	495.3	513.8	524.7	539.3	Economic affairs	109	79.7 21.3	83.2 22.4	89.6 23.1	91.9 24.0
Federal	39	652.1	691.6	716.6	730.4	Health	1111	11.9	13.1	14.1	15.0
General public service	40	8.2	12.1	8.3	8.4	Recreation and culture	112	4.3	4.8	5.6	5.9
Public order and safety	41 42	0 .7	0 .6	0 .6	0 .9	Education	113	39.3 1.4	41.5 1.5	44.3 1.7	46.6 2.0
Economic affairs	43	.5	.0	.0	.3	•	i .	1 1		- 1	
Health	44	185.7	201.2	214.5	214.2	Federal	115	82.3	86.3	80.8 4.4	85.2
Recreation and culture	45	40.4	.4	.3	.4	General public service	116	3.8 53.1	3.9 54.6	48.0	5.3 48.3
Education	46 47	13.0 443.5	12.8 464.4	15.5 477.1	15.3 491.0	Public order and safety	118	1.0	1.2	1.2	. 1.3
,	{ ``		- 1			Economic affairs	119	18.7	20.0	20.1	21.5
State and local	48 49	217.8	224.3	227.9 1.0	234.8 1.1	Housing and community services	120 121	المما	5.1	0 5.6	6.4 6.4
	50	.1	.1	.1	1.1	Recreation and culture	122	7.7	.5	.6	
Economic affairs	51	1.1	.9	1.0	1.1	Education	123	.3	.4	.4	.6
lealth	52	155.3	164.0	169.1	174.3	income security	124	.4	.4 }	.5	.7
Education	53 54	8.7 51.8	9.1 49.4	9.1 47.6	9.8 48.3	State and local	125	155.8	163.8	177.3	183.5
	"	31.0	70.7	77.5	40.0	General public service	126	14.1	15.2 8.5	16.6	17.7
Grants-in-aid to State and local governments:	İ	- 1		- 1		Public order and safety	127 128	8.1 61.0	8.5	9.4 69.6	10.0 70.0
Federal ²	55	184.5	190.4	195.7	209.3	Economic affairs Housing and community services	129	21.2	63.2 22.4 8.0	23.1	23.9
General public service	56 57	.9	1.9	2.0	2.0 3.2	Health	130	7.5	8.0	8.5 5.0	8.6
National defense	58	2.7	2.8 1.2	2.9	3.2 2.7	Recreation and culture	131	3.9	4.3	5.0	5.4
Economic affairs	59	8.9	8.5	2.1 7.9	9.8	Education	132	38.9 1.0	41.1 1.1	43.9 1.2	46.0 1.3
General economic and labor affairs	60	4.2	4.1	4.3	4.3		1	'."	'''	'	1.0
Agriculture	61	1.5	1.3 1.0	1.9	.9 1.0	A 10.10 1.00	1	}	I	l	
	63	1.1	1.7	1.1	2.7	Capital transfers paid	1		ļ		
Energy			öl	0 1	0	Federal 4	134	27.6	28.1	29.0	28.8
Energy Natural resources Transportation	64	.1			^	General public service 5	135	. 41	0 1	اه	0
Energy Natural resources Transportation Space	64 65	.5	.4	6	.9	Control Public Control		1 2.21	20.1	ا څوه	000
Energy Natural resources Transportation Space Journal community services	64 65	.1 .5 5.7	.4 6.1	.6 7.2 104 3	10.4	Economic affairs	136	24.6 24.6	25.6	26.2	26.2
Energy Natural resources Transportation Space Journal and community services	64 65 66 67	.5 5.7 97.2	.4	.6 7.2 104.3 .2		Economic affairs	136 137	24.6	25.6 25.6 20.0	26.2 26.2 20.7	26.2
Energy Natural resources Transportation Space dousing and community services lealth decation and culture dicustion	64 65 66 67 68 69	.5 5.7 97.2	.4 6.1 101.7 .3 16.7	16.2	10.4 110.7 .2 17.0	Economic affairs Transportation Highways 6 Air 6	136 137 138 139	24.6 19.3 1.7	25.6 25.6 20.0	26.2 20.7 1.5	26. 20. 1.
Energy Natural resources Transportation Space Housing and community services Leath Recreation and culture Culculor Culcu	64 65 66 67 68 69 70	.5 5.7 97.2	.4 6.1 101.7 .3 16.7 51.3	16.2 52.7	10.4 110.7 .2 17.0 53.4	Economic affairs Transportation Highways ⁶ Air ⁶ Water ⁷	136 137 138 139 140	24.6 19.3 1.7 0	25.6 25.6 20.0 1.6 0	26.2 20.7 1.5 0	26.2 20.1 1.6 0
Energy Natural resources Transportation Space Oousing and community services lealth secreation and culture Education	64 65 66 67 68 69	5.7 97.2 .1 15.3 52.4 1.2	.4 6.1 101.7 .3 16.7	16.2	10.4 110.7 .2 17.0	Economic affairs Transportation Highways 6 Air 6	136 137 138 139 140	24.6 19.3 1.7	25.6 25.6 20.0	26.2 20.7 1.5	26.2 26.2 20.7 1.6 0 3.9 2.6

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.

Consists of publicly owned liquor store systems, government-administered lotteries and parimutuels, and other commercial activities.
 No State and local government capital transfers have been identified.
 Consists of forgiveness of debts owed by foreign governments to the U.S. Government.
 Consists of Federal Government investment grants to State and local governments.
 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

 N 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. 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 com-

pany 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.

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. 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 institu-

tions, 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.

^{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.

^{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

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

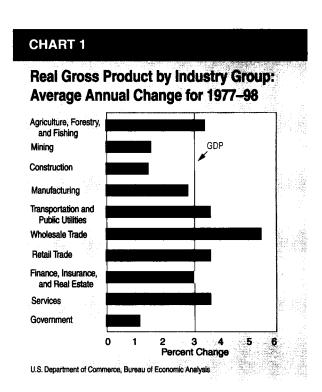
1977–98 1977-87 1987-98 1987-92 1992-98 Gross domestic product 3.1 3.0 2.4 3.6 3.1 Private industries .. 3.3 3.4 2.4 4.2 Agriculture, forestry, and 3.5 47 2.4 3.4 1.5 fishing8 2.3 -.6 4.7 Minina 1.6 Construction .. 1.5 1.1 1.9 -.5 4.0 2.9 2.9 3.0 Manufacturing 2.9 4.9 Durable goods 3.8 1.0 Nondurable goods 1.7 3.0 Transportation and public 4.6 utilities 3.7 3.2 42 3.8 Transportation 3.8 6.2 5.0 Communications 5.7 Electric, gas, and sanitary 1.5 2.1 3.1 1.2 1.8 services 4.9 5.9 4.7 6.9 Wholesale trade 5.5 3.4 2.2 Retail trade 3.7 4.1 5.7 Finance insurance and real 3.1 3.2 2.9 2.1 3.6 4.0 3.3 3.7 3.4 3.5 Services 1.0 Government 1.2 1.4 1.6 .5

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



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 non-durable-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 de-

creased 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 contri-

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 -9 7		
	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 3.3 2.0	2.9 3.5 2.0	.2 .2 0	2.7 2.7 2.8	2.9 2.8 3.0	.2 .1 .2	2.8 4.0 1.2	2.8 4.2 1.0	0 .2 2	.4 .3 .5	.7 1.0 .3	.3 .7 –.2	5.2 7.9 1.9	5.0 7.6 1.7	-2 3 2	
Transportation and public utilities	3.1 2.8 4.6 2.3	3.7 3.9 5.7 1.8	.6 1.1 1.1 5	2.7 2.3 5.2 1.2	3.2 3.1 5.2 1.5	.5 .8 0 .3	3.6 3.3 4.0 3.3	4.3 4.7 6.1 2.1	.7 1.4 2.1 –1.2	3.1 1.9 3.9 3.2	3.8 3.6 5.0 3.1	.7 1.7 1.1 1	4.0 4.6 4.0 3.4	4.7 5.8 7.2 1.0	.7 1.2 3.2 –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	

^{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.

bution depends on both the industry's growth rate and its relative size.6 In 1977-98, services and FIRE were the two largest contributors, accounting for

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

Gross domestic product 3.0 2.4 3.6		198798	1987~92	1992-98
Gross output	Gross domestic product	3.0	2.4	3.6
Intermediate inputs				
Agriculture, forestry, and fishing: Gross output	Intermediate inputs		2.4	5.2
Gross output	•	3.4	2.4	4.2
Intermediate inputs	Agriculture, forestry, and fishing: Gross output	2.5	2.6	2.3
Gröss output	Intermediate inputs	2.5 2.4		
Intermediate inputs	Mining:			٠.
Cross output	Intermediate inputs	9	2.7	-3.8
Intermediate inputs		12	-15	35
Gross output	Intermediate inputs	.4	-2.6	3.0
Intermediate inputs	Manufacturing:	24	1 1 1	5.1
Gross output	Intermediate inputs	3.6	1.8	5.2
Intermediate inputs 4.9 1.7 7.7		1 49	14	78
Gross output	Intermediate inputs	4.9	1.7	7.7
Intermediate inputs	Gross output		1.3	2.0
Gröss output	Intermediate inputs			
Intermediate inputs		4.2	3.7	4.6
Gross output	Intermediate inputs	4.2	3.6	4.6
Intermediate inputs 2.7 1.0 4.2		10	35	61
Gross output	Intermediate inputs	2.7	1.0	4.2
Intermediate inputs 2.3 1.5 3.0		26	10	۸,
Gross output	Intermediate inputs	2.3	1.5	3.0
Intermediate inputs	Finance, insurance, and real estate:	36	,,	4.0
Gross output	Intermediate inputs	4.9	2.5	7.0
Intermediate inputs		47	45	4.8
1.1 1.6 .7	Intermediate inputs	6.8	6.7	7.0
Intermediate inputs 3.1 1.8 4.2		11	16	7
Private goods-producing industries 2: 3.0 1.1 4.6 Gross output 3.1 1.4 4.6 Intermediate inputs 2.8 .7 4.5 Private services-producing industries 3: 3.1 3.1 4.4 Gross output 4.1 3.2 4.9 Intermediate inputs 4.8 3.7 5.8	Intermediate inputs	3.1	1.8	
3.0				
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 output			
Gross output				
Intermediate inputs	Private services-producing industries 3: Gross output	41	32	49
	Intermediate inputs	4.8	3.7	5.8

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.
 Consists of agriculture, forestry and fishing; mining; construction; and manufacturing.
 Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurger content of the production.

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.

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	199298
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 Durable goods Nondurable goods	.6 .4 .1	.6 .4 .3	.5 .5 0	.1 .1 0	.8 .7 .1
Transportation and public utilities	.3 .1 .2	.3 .1 .1	.4 .1 .2	.3 .1 .1	.4 .2 .2
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

ance, and real estate; and services,

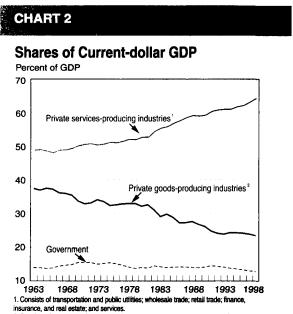
^{6.} See the box "Using Chained-Dollar Estimates for Computing Contribu-tions to Economic Growth: A Cautionary Note" in Lum and Moyer, "Gross Product by Industry," 24-25.

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

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 industries 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.

^{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.



^{2.} Consists of agriculture, forestry, and fishing; mining; construction; and manufacturing. U.S. Department of Commerce, Bureau of Economic Analysis

Private services-producing industries³ 44.8 48.2 51.0 51.7 54.7 58.8 Equals gross domestic product measured as the sum of expenditures less gross domestic income.
 Consists of agriculture, forestry, and fishing; mining; construction; and manufacturing.
 Consists of transportation and public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services.

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.

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 Durable goods Nondurable goods	26.9 13.6 13.3	27.7 16.1 11.6	23.4 14.0 9.5	22.8 13.7 9.1	20.0 11.6 8.3	18.7 10.9 7.8	17.1 9.4 7.7	16.4 9.6 6.7
Transportation and public utilities	8.6 5.8 1.3 1.6	8.9 4.5 2.0 2.5	8.8 3.9 2.4 2.5	8.8 3.8 2.5 2.6	9.1 3.4 2.7 3.0	9.0 3.3 2.6 3.0	8.5 3.1 2.6 2.9	8.7 3.2 3.0 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	

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 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

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 81.7 58.6	140.3 81.7 58.6	0 0 0	220.8 134.1 86.7	221.3 134.4 86.9	.5 .3 .2	462.6 277.6 185.0	462.8 278.1 184.7	.2 .5 3	889.2 513.3 375.9	888.6 516.8 371.8	6 3.5 -4.1	1,063.6 573.4 490.3	1,082.0 594.0 488.0	18.4 20.6 –2.3	1,378.9 784.0 594.9	1,377.2 798.7 578.5	-1.7 14.7 -16.4
Transportation and public utilities	44.9 22.7 10.1 12.2	45.3 22.7 10.1 12.5	.4 0 0 .3	70.4 32.7 18.3 19.4	70.9 32.8 18.3 19.8	.5 .1 0 .4	179.1 76.2 50.0 52.9	179.4 76.2 50.0 53.2	.3 0 0 .3	420.5 157.9 124.9 137.7	426.2 158.8 125.5 141.9	5.7 .9 .6 4.2	528.7 192.8 161.1 174.7	538.5 193.4 163.9 181.2	9.8 .6 2.8 6.5	676.3 255.5 211.6 209.2	713.2 262.8 243.1 207.2	36.9 7.3 31.5 –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

^{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), busidess transfer advanced to the current country of consumption allowances (CCA's). transfer payments, the current surplus of government enterprises less subsidies and government consumption of fixed capital. Proprietors' income is included 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 gPO was 63.9 percent.

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 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, $1.044=1.014\times1.030$.

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

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

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 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

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 Durable goods Nondurable goods	.3 0 .3	.6 .2 .4	0 1 .2
Transportation and public utilities Transportation Communications Electric, gas, and sanitary services	.1 0 0 .1	.1 0 0 .1	.1 0 0 .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

^{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).

Equals gross domestic product less the statistical discrepancy and the sum of gross prod-uct originating of the detailed industries.

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

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 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 pro-

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

duction 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.

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

^{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):

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 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.

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)

^{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.

^{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.

- 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 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

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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

^{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.

^{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.

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.

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

^{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.

energy companies on an establishment basis from the Department of Energy financial reporting system. These matrixes are also adjusted to reflect 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.

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

		Industrial of	istribution				
Component	Major source data	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	Establishment.					
Employer contributions for social insurance	Government employees. Federal budget data	None	Social Security Administration and BLS tabula-				
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				
Inventory valuation adjustment	BLS prices and IRS inventory data	Establishment. Establishment.	distribution.				
Corporate profits with inventory valuation adjustment:							
Corporate profits before tax	IRS tabulations of business tax returns	Company	Census Bureau company-establishment employ- ment matrix and Department of Energy es- tablishment data for energy companies.				
Inventory valuation adjustment	BLS prices and IRS inventory data	Establishment.	tablishment data for energy companies.				
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				
Indirect business tax and nontax liability	Federal budget data and Census Bureau data on State and local governments.	None	company industry distribution. Industry-specific payments are assigned to those industries; property taxes are based on				
Subsidies less current surplus of government enterprises.	Federal budget data and Census Bureau data on State and local governments.	Establishment.	BEA capital stock distribution.				
Capital consumption allowances: Corporate Noncorporate	IRS tabulations of business tax returnsIRS tabulations of business tax returns	Company	Same as corporate profits before tax. Assumed to be equivalent to an establishment distribution.				
Government consumption of fixed capital	BEA capital stock estimates	Type of agency.	ປາວເກຍບົນປາ.				

BEA Bureau of Economic Analysis BLS Bureau of Labor Statistics

^{26.} For a description of these alternative methods, see Yuskavage, "Improved Estimates," 143–149.
27. See footnote 4.

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 pro-

duced 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.

Table K.—Principal Source Data for Estimating Gross Output

Industry I	Current dollars	Quantity index
Industry ¹	Extrapolator or interpolator of benchmark values ²	Detailed price indexes used to calculate quantity index
Agriculture, forestry, and fishing:		
Farms Agricultural services	Cash receipts from marketings and inventory change from USDA. 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.	Prices received by farmers from USDA. 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	Quinquennial census and annual survey. 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 Oil and gas extraction	Physical quantity produced times average price, both from DOE Physical quantity produced times average price, both from DOE, except natural gas liquids (PPI).	IPD for coal from DOE. 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
For State and local highways	Expenditures from Census Bureau annual survey of government	and government agencies. For new construction, cost indexes from government agencies; for
For private electric and gas utilities	spending. Expenditures from Federal regulatory agencies and trade sources. Expenditures from USDA	maintenance and repair, BEA composite index of input prices. Cost indexes from trade sources and government agencies. 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 constructio from Census Bureau.
Maintenance and repairFor other residential:	Value put in place from Census Bureau construction survey	BEA composite index of input prices.
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.

^{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—Continued

Industry ¹	Current dollars	Quantity index
ilidusa y ·	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 in-
Transportation: Railroad transportation: Railroad freight transportation	Total operating revenue for class I railroads from trade source	dexes based on DOD prices paid for military equipment. PPI for railroads, line-haul operating starting in 1992. For prior
Railroad passenger transportation	Total operating revenue for AMTRAK	years, IPD for freight ton-miles from trade source. 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 Intercity buses School buses Other local transit	PCE	PCE price index for taxi fares based on CPI. IPD for passenger revenue miles from trade source. Wages and salaries per employee from BLS. 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	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	property from ICC. Receipts from Census Bureau annual survey starting in 1984. For prior years, operating revenues for Class I motor carriers of	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	property from ICC. 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 Freight and passenger revenue data from trade source	PCE price index for commercial participant amusements. 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 Other air transportation	Total freight, mail and express revenues from DOT	IPD for total freight-, mail-, and express-related revenues and ton- miles from DOT. Wages and salaries per employee from BLS.
Pipelines, except natural gasTransportation services: Passenger transportation arrangement	Operating revenues from trade source	IPD for ton-miles from trade source. PPI for travel agencies starting in 1990. For prior years, wages
Freight transportation arrangement	Wages and salaries from BLS	and salaries per employee 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 Telephone and telegraph	Receipts from Census Bureau annual survey starting in 1989. For prior years, advertising expenditures from trade source and PCE for cable television. Receipts from Census Bureau annual survey starting in 1989. For	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. For cellular telephone services starting in 1987, PCE price index;
Electric, gas, and sanitary services:	prior years, revenues from FCC.	for other telephone services, PPI's.
Electric utilities	tives, revenues from USDA. Quantity delivered times average price by class of service from	PPI for electricity, starting in 1991. For prior years, IPD for kilowatt hours from trade source. Composite price index for gas utilities by class of service from
Sanitary services	DOE/EIA starting in 1987. For prior years, revenues of gas pipeline and utilities from trade source. Receipts from IRS tabulations of business tax returns	DOE/EIA, starting in 1987. For prior years, IPD for BTU's from trade source. 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 an-	Sales price index by kind of business computed from PPI's.
Manufacturers' sales branches and sales offices	nual survey. For equipment rental, interpolation of quinquennial census re- ceipts; for 1993 forward, judgmental trend. For other receipts,	For equipment rental, BEA capital stock price index. For other receipts, shipments deflated by PPI's.
Agents and brokers	manufacturing shipments from Census Bureau annual survey. 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 sur-	CPI's.
Other	vey. 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 non- interest 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 tading 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

ladaren !	Current dollars	Quantity index
Industry ^t	Extrapolator or interpolator of benchmark values ²	Detailed price indexes used to calculate quantity index
Insurance agents, brokers, and service	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. Net premiums for health, auto, accident, property, and workers' compensation insurance from trade sources; PCE for expense of handling life insurance. Receipts from IRS tabulations of business tax returns	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 1937. For prior years, IPD for GDP. CPI for auto and property insurance and PCE price indexes for all other types of insurance. Insurance carrier deflators weighted by commissions from trade source.
Real estate: Nonfarm housing services Other real estate Holding and other investment offices	PCE for owner- and tenant-occupied nonfarm dwellings	PCE price index. NIPA rental IPD's, rental rate index from trade source, CPI for household maintenance and repair, and PPI for property management starting in 1996. Composite cost-based price index.
Services: Hotels and other lodging places Personal services	For tenant group room and board, PCE. For all other, receipts from Census Bureau quinquennial census and annual survey. For shoe repair, PCE. For all other, receipts from Census Bureau quinquennial census and annual survey. Receipts from Census Bureau quinquennial census and annual	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. PCE price index based on CPI's. For advertising, PPI's starting in 1995, For prior years, cost in-
Automotive repair, services, and parking	Receipts from Census Bureau quinquennial census and annual survey. Receipts from Census Bureau quinquennial census and annual	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. 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.
Motion pictures	survey. Receipts from Census Bureau quinquennial census and annual	PCE price index based on CPI's.
Amusement and recreation services	survey. Receipts from Census Bureau quinquennial census and annual	PCE price index based on CPI's.
Health services: Hospitals Other health services Legal services Educational services Social services Membership organizations Other services	Receipts from Census Bureau quinquennial census and annual survey. Receipts from Census Bureau quinquennial census and annual survey. PCE for private education Receipts and expenses from Census Bureau quinquennial census and annual survey.	PPI starting in 1993. For prior years, HCFA index of input prices and CPI for hospital room. CPI's and HCFA index of input prices. PPI for physicians services beginning in 1994. PPI for legal services, starting in 1997. For prior years, CPI for legal services. PCE price index. Wages and salaries per employee from BLS and PCE price indexes. Wages and salaries per employee from BLS and PCE price indexes. 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 compo-
Government enterprises: Federal Government enterprises	ut-output (I-O) accounts. Gross output and is used for estimating real GPO. In the state Commission of the state of the s	ninistration sion at Accounts spheric Administration diffures (BFA)
BLS Bureau of Labor Statistics CPI Consumer Price Index (BLS) DOC U.S. Department of Commerce	NIPA National Income and Produc NOAA National Oceanic and Atmo	ospheric Administration ditures (BEA)

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 littles.
 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

SURVEY OF CURRENT BUSINESS

Table 1.—Gross Domestic Product by Industry in Current Dollars, 1987–98 [Billions of dollars]

			[DIMONS O										
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 7	Mining	92.2 3.7	99.2 5.0	97.1 5.2	111.9 5.2	96.7 5.6	87.6 5.6	88.4 4.9	90.2 5.6	95.7 6.5	113.0 5.8	121.0 5.8	105.9 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 10	Oil and gas extraction	67.4 8.1	73.6 8.0	72.1 7.8	87.1 7.8	72.2 7.5	62.3	65.7 7.3	64.5 8.9	69.3 9.1	86.1 9.9	92.8 11.4	77.0 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		888.6	979.9				1	·					
13	Manufacturing Durable goods	516.8	566.3	1,017.7 582.7	1,040.6 586.6	1,043.5 575.5	1,082.0 594.0	1,131.4 632.8	1,223.2 694.1	1,289.1 729.8	1,316.0 748.4	1,377.2 798.7	1,432.8 842.6
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 16	Furniture and fixtures	14.6 23.3	15.1 23.8	15.8 25.2	15.6 25.3	15.2 23.8	16.6 26.3	18.1 26.4	18.9 30.4	19.5 32.4	20.7 33.2	22.8 38.0	25.2 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 19	Fabricated metal productsIndustrial machinery and equipment	62.6 95.2	67.4 110.3	68.5 116.9	69.4 118.2	67.3 109.0	69.5 113.8	73.4 113.7	83.2 121.0	87.2 132.8	93.1 136.3	99.6 143.8	104.7 153.3
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 22	Motor vehicles and equipment	58.2 55.5	60.6 53.8	52.7 56.9	47.3 60.5	45.5 62.4	58.8 58.1	78.0 54.2	95.2 49.6	98.2 47.7	92.2 51.4	99.5 55.6	105.0 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
23 24 25 26	Miscellaneous manufacturing industries	15.8 371.8	18.0 413.6	19.2 434.9	19.8 454.0	19.8 468.0	19.6 488.0	20.9 498.6	22.3 529.1	22.7 559.2	23.8 567.6	25.6 578.5	26.6 590.1
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 28	Tobacco products Textile mill products	10.4 20.1	11.1 20.6	11.3 21.0	11.9 22.0	12.7 22.4	13.8 25.7	12.3 25.7	13.2 25.6	15.1 24.8	14.8 25.3	16.1 25.7	17.9 25.6
28 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 31	Paper and allied products Printing and publishing	37.8 62.1	43.8 66.5	45.5 71.4	45.0 73.1	44.6 75.0	45.6 78.9	46.9 78.5	50.1 83.5	58.9 80.8	55.9 88.2	53.6 90.2	54.9 96.3
32 33	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
34	Petroleum and coal products	22.1 29.6	32.3 30.6	29.8 33.7	31.7 33.9	28.8 35.8	28.2 38.4	31.0 41.6	29.3 44.9	29.0 46.1	30.2 49.7	31.5 52.7	30.1 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 38	Transportation	158.8 21.9	169.2 23.1	172.2 19.9	177.4 19.8	186.1 22.0	193.4 21.6	206.0 22.0	223.2 23.3	233.4 23.6	243.4 23.4	262.8 23.2	283.9 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 41	Trucking and warehousing	64.1 8.4	64.5 9.1	67.4 9.6	69.4 10.0	70.9 11.1	74.5 10.7	79.2 10.7	86.4 11.5	89.0 11.6	92.1 12.2	99.5 13.3	106.5 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 44	Pipelines, except natural gas Transportation services	7.1 14.4	5.7 15.4	5.5 16.7	5.5 18.2	5.5 19.5	5.5 19.9	5.6 20.8	5.5 22.6	5.5 23.5	5.7 25.7	5.9 26.9	6.5 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 47	Telephone and telegraph Radio and television	108.0 17.5	111.6 21.1	112.9 24.6	119.4 28.7	124.0 31.7	128.7 35.2	139.0 39.6	148.0 42.8	151.6 50.7	163.9 50.7	189.5 53.7	201.7 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 53	Depository institutions	143.9 17.9	147.6 20.1	157.2 23.7	171.3 23.3	193.9 23.2	205.3 27.2	200.9 32.5	200.7 29.4	227.4 34.1	241.0 39.2	271.2 51.6	289.6 78.5
54 55	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 56	Insurance carriers	43.6 30.4	56.9 33.8	60.5 34.4	64.6 37.7	83.3 38.0	82.1 39.4	99.8 41.8	104.3 45.3	120.2 47.2	123.4 48.9	141.4 51.3	143.1 53.7
56 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 59	Nonfarm housing services Other real estate	391.9 139.5	424.3 162.0	456.7 174.0	488.3 177.3	515.5 173.6	543.4 181.8	558.1 193.5	593.9 197.5	628.9 203.7	654.6 217.0	680.2 239.0	711.9 256.1
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 63	Hotels and other lodging places Personal services	37.1 31.0	40.6 35.9	44.0 36.8	46.3 38.0	48.3 38.8	50.4 40.9	53.0 44.2	56.6 45.5	61.7 46.7	66.3 47.5	70.6 50.1	76.3 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 66 67	Auto repair, services, and parking Miscellaneous repair services	40.8 13.5	45.3 15.4	46.5 16.6	50.3 17.7	51.3 17.0	52.1 17.6	54.7 19.2	60.0 19.3	65.1 20.7	68.5 21.8	72.0 22.3	77.6 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 69	Amusement and recreation services	26.2 230.6	28.8 253.6	32.0 280.7	36.5 314.4	39.4 345.3	45.2 377.8	45.4 394.5	49.2 413.9	53.5 433.1	58.3 459.1	64.8 476.2	70.5 495.5
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 72	Educational services	31.3 21.0	34.2 23.4	37.1 26.7	39.6 30.1	43.7 33.6	46.5 37.3	49.3 41.0	52.6 44.2	55.7 47.4	58.0 49.7	61.1 53.2	66.4 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 75	Other services Private households	103.3	119.8 8.3	135.8 8.9	149.2 9.4	150.0 9.1	161.1 10.1	170.6 10.7	178.6 11.1	194.4 11.9	208.9	229.6 12.1	254.1 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
		ł	706.5	- 1							1	ì	
77	Government	661.0	1	753.6	806.6	857.1	894.4	924.8	957.6	989.5	1,020.4	1,059.4	1,100.1
78 79	General government	258.9 224.5	273.3 235.9	287.1 247.6	300.2 259.7	322.4 275.8	333.9 282.8	336.2 287.0	339.6 287.4	342.3 286.8	346.9 292.0	355.0 293.7	360.9 296.9
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 83	General government	368.7 33.5	396.2 37.0	426.0 40.5	463.6 42.8	490.4 44.3	514.5 46.0	540.3 48.2	567.0 50.9	593.3 53.9	616.7 56.9	644.0	675.4 63.8
- 00	GOVORNINGIE ORROLPHIOGO	55.5	37.0	70.0	72.0	77.5	+0.0	70.2	30.3	30.9	30.0	30.3	00.0

^{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
5	Farms	1.4 0.5	1.2 l 0.5	1.4 0.5	1.4 0.5	1.2 0.5	1.3 0.5	1.1 0.5	1.2 0.5	1.0 0.5	1.2 0.5	1.1 0.5	0.9
6		1.9	1.9	1,8	1.9	1.6	1.4	1.3		1.3	1.4	1.5	1.2
7	Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.3 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 10	Oil and gas extraction Nonmetallic minerals, except fuels	1.4 0.2	1.4 0.2	1.3 0.1	1.5 0.1	1.2 0.1	1.0 0.1	1.0 0.1	0.9 0.1	0.9 0.1	1.1 0.1	1.1 0.1	0.9 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		18.7	19.2	18.5	17.9		17.1	17.0	17.3	17.4	16.8	16.6	16.4
13	Manufacturing Durable goods	10.9	11.1	10.6	10.1	17.4 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 0.3
15 16	Furniture and fixtures	0.3 0.5	0.3 0.5	0.3 0.5	0.3 0.4	0.3 0.4	0.3 0.4	0.3 0.4	0.3 0.4	0.3 0.4	0.3 0.4	0.3 0.5	0.3
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 19	Fabricated metal products	1.3 2.0	1.3 2.2	1.2 2.1	1.2 2.0	1.1 1.8	1.1 1.8	1.1 1.7	1.2 1.7	1.2 1.8	1.2 1.7	1.2 1.7	1.2 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 22	Motor vehicles and equipment	1.2 1.2	1.2 1.1	1.0 1.0	0.8 1.0	0.8 1.0	0.9 0.9	1.2 0.8	1.3 0.7	1.3 0.6	1.2 0.7	1.2 0.7	1.2 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
23 24 25 26	Miscellaneous manufacturing industries	0.3 7.8	0.4 8.1	0.4 7.9	0.3 7.8	0.3 7.8	0.3 7.7	0.3 7.5	0.3 7.5	0.3 7.6	0.3 7.3	0.3 7.0	0.3 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 28	Tobacco products	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.4	0.2 0.3	0.2 0.3	0.2 0.3	0.2 0.3
29	Textile mill products	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
29 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 32	Printing and publishing Chemicals and allied products	1.3 1.8	1.3 1.9	1.3 1.9	1.3 1.9	1.3 1.9	1.2 1.9	1.2 1.8	1.2 2.0	1.1 2.0	1.1 2.0	1.1 1.9	1.1 1.8
32 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 35	Rubber and miscellaneous plastics products Leather and leather products	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 0.1	0.6 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 40	Local and interurban passenger transit Trucking and warehousing	0.2 1.4	0.2 1.3	0.2 1.2	0.2 1.2	0.2 1.2	0.2 1.2	0.2 1.2	0.2 1.2	0.2 1.2	0.2 1.2	0.2 1.2	0.2 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 43	Transportation by air	0.7 0.2	0.8 0.1	0.8 0.1	0.8 0.1	0.8 0.1	0.8 0.1	0.8 0.1	0.9 0.1	0.9 0.1	0.9	1.0 0.1	1.0 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 46	Communications	2.6 2.3	2.6 2.2	2.5 2.1	2.6 2.1	2.6 2.1	2.6 2.0	2.7 2.1	2.7 2.1	2.7 2.0	2.7 2.1	2.9 2.3	3.0 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 2.9	17.4 2.9	17.4 3.0	17.9	18.1	18.1 3.0	17.8	18.2 3.1	18.4 3.1	18.8 3.3	19.1 3.3
52 53	Depository institutions	3.0 0.4	0.4	0.4	0.4	3.2 0.4	3.2 0.4	0.5	2.8 0.4	0.5		0.6	
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 40
55 56 57	Insurance carriers	0.9 0.6	0.7	0.6	0.6	0.6	0.6	1.5 0.6	1.5 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 59	Nonfarm housing services Other real estate	8.3 2.9	8.3 3.2	8.3 3.2	8.4 3.1	8.6 2.9	8.6 2.9	8.4 2.9	8.4 2.8	8.5 2.8	8.4 2.8	8.2 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 63	Hotels and other lodging places Personal services	0.8 0.7	0.8 0.7	0.8 0.7	0.8 0.7	0.8 0.6	0.8 0.6	0.8 0.7	0.8 0.6	0.8 0.6	0.8 0.6	0.9 0.6	0.9
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 66	Auto repair, services, and parking	0.9 0.3	0.9 0.3	0.8	0.9 0.3	0.9	0.8	0.8	0.9	0.9	0.9	0.9	0.9
67	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	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 70	Health services Legal services	4.9 1.3	5.0 1.4	5.1 1.4	5.4 1.4	5.8 1.4	6.0 1.5	5.9 1.4	5.9 1.3	5.9 1.4		5.7 1.3	5.7 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 73	Social services	0.4 0.6	0.5 0.6	0.5 0.6	0.5 0.6	0.6 0.6	0.6 0.6	0.6 0.7	0.6 0.7	0.6 0.6		0.6	
74 I	Membership organizationsOther services	2.2 0.2	2.3	2.5	2.6	2.5	2.5	2.6	2.5	2.6		0.6	2.9
75	Private households	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	}	4.3	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 7.8 0.7	8.5 7.8	8.5 7.8	8.7 8.0	8.9 8.2 0.7	8.9 8.1	8.9 8.1	8.8 8.0	8.7 8.0	8.6 7.9	8.5 7.8	
82			0.7	. 1.0	0.0	. 0.2	. 0.1	. 0.1	0.0	ı 0.U			. 1.1

^{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 2 3 4 5	Gross domestic product Compensation of employees Indirect business tax and nontax liability Property-type income Statistical discrepancy ¹	4,742.5 2,756.9 369.3 1,612.9 3.3	5,108.3 2,974.7 392.6 1,783.2 -42.2	5,489.1 3,152.3 420.7 1,899.7 16.3	5,803.2 3,353.3 447.3 1,972.0 30.6	5,986.2 3,457.7 482.3 2,026.6 19.6	6,318.9 3,648.1 510.6 2,116.6 43.7	6,642.3 3,818.1 540.1 2,220.4 63.8	7,054.3 4,020.6 575.3 2,400.0 58.5	7,400.5 4,207.0 594.6 2,572.5 26.5	7,813.2 4,400.1 620.0 2,760.2 32.8	8,300.8 4,680.7 645.8 2,977.5 -3.2	8,759.9 5,016.4 677.0 3,114.1 -47.6
6 7 8 9 10	Private industries Compensation of employees Indirect business tax and nontax liability Properly-type income Statistical discrepancy ¹	4,081.4 2,198.2 369.3 1,510.6 3.3	4,401.8 2,378.1 392.6 1,673.3 -42.2	4,735.5 2,517.9 420.7 1,780.6 16.3	4,996.7 2,670.8 447.3 1,848.0 30.6	5,129.1 2,735.9 482.3 1,891.2 19.6	5,424.5 2,895.1 510.6 1,975.1 43.7	5,717.5 3,040.6 540.1 2,073.1 63.8	6,096.7 3,217.6 575.3 2,245.3 58.5	6,411.1 3,382.8 594.6 2,407.2 26.5	6,792.8 3,550.5 620.0 2,589.4 32.8	7,241.4 3,803.2 645.8 2,795.6 -3.2	7,659.8 4,106.6 677.0 2,923.8 -47.6
11	Agriculture, forestry and fishing Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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		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		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		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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax fiability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		0	0	0	0	0	0	0	0	0	0	0	0
58		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 Compensation of employees Indirect business tax and nontax liability Property-type income Statistical discrepancy ¹	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		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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income Statistical discrepancy ¹	100.0	100.0	100.0	100.0	100.0	1 00.0	100.0	100.0	100.0	100.0	100.0	100.0
7		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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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		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		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		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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	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		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		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		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 Compensation of employees Indirect business tax and nontax liability Property-type income	100.0	100.0	100.0	100.0	1 00.0	100.0	100.0	100.0	100.0	1 00.0	100.0	100.0
56		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		0	0	0	0	0	0	0	0	0	0	0	0
58		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.

SURVEY OF CURRENT BUSINESS

Table 5.—Chain-Type Quantity Indexes for Gross Domestic Product by Industry, 1987–98 [1996=100]

		r 1	{1996=	····									
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 4	Agriculture, forestry, and fishing	84.57 85.45	77.59 76.20	85.38 86.20	90.85 91.28	92.99 92.86	100.19 103.76	93.96 93.04	104.08 108.75	94.40 92.69	100.00 100.00	109.68 112.04	109.58 109.23
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 8	Metal mining	55.88 60.49	64.03 64.54	65.00 65.03	75.03 67.47	95.79 68.27	101.81 75.34	100.30 75.41	96.86 86.26	94.68 90.19	100.00 100.00	109.82 103.91	123.10 113.85
9 10	Oil and gas extraction	94.60 90.90	114.36	99.12	101.59	94.49	85.34	92.43 77.63	97.30	102.94	100.00	105.03 110.40	109.69 121.07
	Nonmetallic minerals, except fuels]	86.81	83.21	81.78	77.26	79.91		92.05	91.74	100.00		
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 13	Manufacturing Durable goods	79.50 72.29	85.12 79.14	84.46 78.78	83.76 78.18	81.02 74.74	82.45 76.02	85.33 80.21	91.63 87.71	97.62 95.51	100.00 100.00	105.27 109.58	110.08 121.12
14	Lumber and wood products	126.60 92.94	124.47	118.66	112.95	103.35 82.27	99.02 89.24	92.45 97.20	97.35	104.17	100.00	100.95	105.66 114.74
15 16	Furniture and fixtures	80.24	92.52 83.57	92.92 88.44	87.47 88.72	80.92	89.22	87.74	97.37 96.41	100.16 98.96	100.00 100.00	107.37 112.60	119.81
17 18	Primary metal industries	83.49 83.07	88.76 88.30	85.94 84.72	85.88 81.73	84.28 75.98	85.90 77.56	95.41 81.38	99.29 92.78	97.59 97.45	100.00 100.00	101.61 105.31	109.13 106.56
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 21	Electronic and other electric equipment	35.22 92.85	39.69 99.31	43.33 83.64	44.81 74.48	47.49 63.84	47.88 74.47	55.48 92.30	67.41 107.48	84.04 111.85	100.00 100.00	119.05 108.58	144.99 113.60
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
22 23 24	Instruments and related products	112.81 82.94	135.66 94.10	124.03 96.93	128.26 96.11	125.42 90.91	119.09 86.64	106.49 89.93	100.09 95.27	97.80 98.18	100.00 100.00	93.08 105.72	92.39 106.64
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 27	Food and kindred products	87.78 152.12	95.75 142.01	91.24 117.19	92.30 97.72	94.11 77.59	93.88 64.57	96.55 62.55	94.89 93.22	112.32 105.72	100.00 100.00	96.45 97.61	95.61 78.27
25 26 27 28 29	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 30	Apparel and other textile products	97.67 91.87	102.47 95.65	103.92 92.85	101.23 93.87	100.08 96.01	102.91 98.70	102.27 108.56	105.46 109.76	103.93 93.41	100.00 100.00	96.40 104.33	91.72 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 33 34	Chemicals and allied products	79.08 96.21	79.60 102.06	80.19 94.19	85.36 75.95	84.05 66.43	86.39 69.74	85.95 71.42	94.67 72.85	96.34 88.95	100.00	103.15 85.50	97.32 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 37	Transportation and public utilities	69.10 66.72	71.89 68.76	75.10 70.91	78.78 74.21	81.50 76.38	83.40 79.54	86.49 82.66	90.97 89.82	95.23 92.47	100.00 100.00	105.07 105.52	108.95 107.48
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 40	Local and interurban passenger transit Trucking and warehousing	96.58 70.98	90.17 71.32	98.32 73.13	95.03 74.00	92.90 77.80	92.60 82.24	94.41 85.85	95.48 92.58	98.28 94.07	100.00 100.00	109.96 105.88	113.90 104.91
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 43	Transportation by airPipelines, except natural gas	47.82 132.47	54.29 113.32	58.30 114.51	66.28 100.71	63.53 108.53	69.47 103.78	73.29 105.64	84.15 96.71	88.88 87.87	100.00 100.00	106.66 111.66	110.31 121.32
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 46	Communications	61.78 62.76	65.61 66.07	68.08 67.20	72.28 71.42	75.50 73.67	78.86 76.56	84.81 82.85	88.90 86.75	94.27 90.03	100.00	111.86 116.38	119.53 127.53
47 48	Radio and television	54.66 79.63	61.03 82.23	69.92 87.65	73.93 91.23	81.24 94.07	86.47 92.77	90.95 92.83	95.70 94.45	108.75 99.50	100.00 100.00	97.88 97.57	95.65 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 54	Nondepository institutions	57.18 38.39	61.02 39.48	70.19 41.81	67.16 38.89	64.12 37.01	74.79 47.08	87.80 58.39	76.13 70.25	85.15 70.78	100.00 100.00	141.64 114.94	223.35 126.19
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
55 56 57	Insurance agents, brokers, and serviceReal estate	135.71 78.66	137.40 84.15	125.94 86.58	125.61 87.58	126.42 88.13	115.70 91.71	104.22 92.42	105.53 94.96	102.18 97.84	100.00 100.00	99.95 103.59	100.79 106.98
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
58 59 60	Other real estate	71.15 1244.66	83.47 345.48	84.83 132.19	84.26 220.50	80.23 166.99	87.85 224.78	90.23 338.24	90.53 182.43	94.38 213.02	100.00 100.00	111.13 161.69	121.00 353.38
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 64	Personal services	92.54 54.66	102.84 60.96	99.78 66.02	97.63 70.48	94.82 68.86	96.89 74.40	101.01 78.81	100.54 86.16	101.16 91.70	100.00 100.00	101.70 111.91	105.08 123.11
65 أ	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 67	Miscellaneous repair services	97.81 77.59	109.24 78.23	115.96 92.03	116.44 85.99	105.94 82.44	99.36 82.70	98.98 94.51	97.90 87.96	102.66 95.93	100.00	96.80 100.24	99.34 106.11
68 l	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 70	Health services Legal services	85.45 99.80	86.92 109.61	88.93 110.68	92.18 111.02	94.29 108.10	96.40 110.54	95.28 105.74	95.46 103.73	96.77 107.31	100.00	100.93 105.96	101.73 109.30
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 73	Social services	63.23 74.15	66.25 78.39	71.78 82.90	76.52 88.31	80.22 91.90	84.25 92.10	90.46 98.10	95.05 103.23	99.16 99.57	100.00	102.70 98.85	105.49 98.75
73 74 75	Other services	73.23 84.87	79.93 88.61	87.94 92.57	91.56 94.90	87.36	86.83 93.96	90.45	91.97	95.69 101.87	100.00	106.08	114.08
75 76	Private households	91.93	94.18	96.47	98.80	87.41 99.19	99.50	97.09 99.29	98.45 99.57	99.68	100.00 100.00	97.87 101.50	110.60 102.61
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 79	General government	108.90 94.37	110.20 92.64	111.50 94.73	113.49 97.63	114.14 94.87	111.72 102.34	109.47 98.02	106.11 103.98	102.42 100.68	100.00	98.55 111.96	97.89 116.79
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 78.8	101.2 70.2	111.4 79.5	118.5 84.2	121.3 85.6	130.7 95.7	122.6 85.8	135.8 100.3	123.1 85.5	1 30.4 92.2	143.1 103.3	142.9 100.7
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 8	Metal mining	3.3 6.8	3.7 7.2	3.8 7.3	4.4 7.5	5.6 7.6	5.9 8.4	5.9 8.4	5.7 9.6	5.5 10.1	5.8 11.2	6.4	7.2 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 11	Nonmetallic minerals, except fuels	9.0 278.4	8.6 294.1	8.2 296.3	8.1 290. 7	7.7	7.9 271. 7	7.7 279.2	9.1 297.2	9.1 299.6	9.9 316.4	10.9 329.3	12.0 342.9
12	Manufacturing	1,046.3	1,120.2	1,111.6	1,102.3	268.8 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 15	Lumber and wood products	50.5 19.3	49.7 19.2	47.4 19.2	45.1 18.1	41.3 17.0	39.5 18.5	36.9 20.1	38.9 20.2	41.6 20.7	39.9 20.7	40.3 22.2	42.2 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 18	Primary metal industries	42.4 77.4	45.1 82.2	43.7 78.9	43.7 76.1	42.8 70.8	43.7 72.2	48.5 75.8	50.5 86.4	49.6 90.8	50.8 93.1	51.7 98.1	55.5 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 21	Electronic and other electric equipment	54.0 85.6	60.8 91.6	66.4 77.2	68.6 68.7	72.7 58.9	73.3 68.7	85.0 85.1	103.3 99.1	128.7 103.2	153.2 92.2	182.4 100.2	222.1 104.8
21 22 23	Other transportation equipment	76.3 60.6	74.9 72.9	75.5 66.7	75.7 68.9	73.5 67.4	64.2 64.0	58.3 57.2	52.2 53.8	49.4 52.6	51.4 53.7	54.9 50.0	57.8 49.7
23 24 25	Instruments and related products	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 26	Nondurable goods	512.0 104.2	531.5 113.6	525.1 108.3	520.2 109.5	510.8 111.7	520.0 111.4	525.4 114.6	551.2 112.6	570.3 133.3	567.6 118.7	565.9 114.5	546.4 113.5
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 29	Textile mill products	22.1 26.3	21.8 27.6	22.1 28.0	22.8 27.3	22.8 27.0	25.6 27.7	25.9 27.6	26.9 28.4	26.0 28.0	25.3 27.0	25.1 26.0	24.4 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 32	Printing and publishing	103.6 121.5	106.8 122.3	107.5 123.2	102.9 131.1	97.9 129.1	96.6 132.7	90.5 132.1	92.6 145.5	89.2 148.0	88.2 153.6	85.6 158.5	86.6 149.5
33 34	Petroleum and coal products	29.1 29.6	30.8	28.4	22.9	20.1	21.1	21.6	22.0	26.9	30.2	25.8	24.0
35	Rubber and miscellaneous plastics products Leather and leather products	29.6 5.1	31.3 5.2	34.4 5.3	34.0 5.2	35.1 5.2	37.9 5.2	41.2 4.9	44.9 5.1	47.0 5.3	49.7 4.2	53.8 4.5	53.6 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 38	Transportation	162.4 18.0	167.4 19.2	172.6 17.3	180.6 18.1	185.9 20.9	193.6 20.8	201.2 21.0	218.6 22.1	225.1 22.7	243.4 23.4	256.8 23.0	261.6 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 41	Trucking and warehousing	65.4 8.2	65.7 8.2	67.3 9.2	68.1 10.2	71.6 10.5	75.7 10.3	79.1 10.5	85.3 11.3	86.6 11.3	92.1 12.2	97.5 13.4	96.6 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 44	Pipelines, except natural gas	7.6 18.1	6.5 18.0	6.5 18.9	5.7 19.5	6.2 19.8	5.9 19.6	6.0 20.4	5.5 22.1	5.0 23.4	5.7 25.7	6.4 26.3	6.9 28.7
44 45 46	Communications	132.6 102.9	140.8 108.3	146.1 110.2	155.2 117.1	162.1 120.8	169.3 125.5	182.1 135.8	190.8 142.2	202.4 147.6	214.7 163.9	240.1 190.8	256.6 209.1
47	Telephone and telegraph	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	353.5 512.1	379.4 544.6	399.3 562.5	395.1	416.6	444.9 569.7	452.4 581.8	481.6 617.2	483.0	529.6 687.1	589.3 739.2	664.0 795.7
50 51	Retail trade	1,169.1	1,209.1	1,234.3	559.5 1,250.6	554.6 1,270.6	1,297.4	1,328.9	1,347.6	641.4 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 54	Nondepository institutions	22.4 41.5	23.9 42.6	27.5 45.2	26.3 42.0	25.2 40.0	29.3 50.9	34.4 63.1	29.9 75.9	33.4 76.5	39.2 108.0	55.6 124.2	87.6 136.3
54 55	Insurance carriers	109.8	125.8	114.7	112.2	136.8 61.8	123.1 56.5	131.5 50.9	127.7 51.6	129.9 49.9	123.4 48.9	131.0 48.8	129.6 49.3
56 57	Insurance agents, brokers, and service	66.3 685.6	67.1 733.5			768.2	799.3	805.5	827.7	852.8	871.6	902.9	932.4
58 59	Nonfarm housing services	532.9 154.4	551.1 181.2	569.6 184.1	580.1 182.9	595.1 174.1	608.8 190.7	609.5 195.8	631.4 196.5	648.0 204.9	654.6 217.0	662.0 241.2	671.0 262.6
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 63	Hotels and other lodging places Personal services	52.1 44.0	53.2 48.8	54.5 47.4	55.2 46.4	53.9 45.0	55.0 46.0	56.1 48.0	58.3 47.8	62.7 48.1	66.3 47.5	66.2 48.3	63.7 49.9
64 65	Business services	187.1 57.1	208.7 61.0	226.0 59.7	241.3 61.9	235.7 60.1	254.7 58.6	269.8 59.1	295.0 62.9	313.9 65.9	342.3 68.5	383.1 69.4	421.5 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 68	Motion pictures Amusement and recreation services	19.1 37.1	19.3 38.9	22.7 41.5	21.2 45.0	20.3 46.1	20.4 51.6	23.3 50.3	21.7 52.6	23.6 55.6	24.6 58.3	24.7 62.9	26.1 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 71	Legal services	97.8 47.7	107.4 48.9	108.4 50.0	108.8	105.9 52.6	108.3 53.4	103.6 55.0	101.6 56.7	105.1 58.5	98.0 58.0	103.8 58.6	107.1 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 74	Membership organizations	36.5 153.0	38.5 167.0	40.8 183.7	43.4 191.3	45.2 182.5	45.3 181.4	48.2 189.0	50.8 192.1	49.0 199.9	49.2 208.9	48.6 221.6	48.5 238.3
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 79	Federal	369.5 318.0	372.4 321.8	377.3 325.6	384.7 331.4	385.1 333.3	382.4 326.2	373.4 319.7	366.9 309.9	354.3 299.1	346.9 292.0	349.1 287.8	349.8 285.8
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 83	General government	514.5 55.4	532.1 57.9	548.5 60.1	564.7 60.1	571.2 56.8	579.4 54.2	587.1 53.1	596.1 53.3	607.7 55.2	616.7 56.9	628.2 58.3	638.9 58.3
84	Not allocated by industry ²	-139.6	-111.0	-9 1.0	-89.5	-100.5	-59.3	-28.3	-2.2	9.7	0	-43.0	-84.4
				71.0	00.5	1	1 00.0		-4.4	·	L	40.0	J4.4

Equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.
 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]

	98.10 10 5 98.50 10 8 89.20 10 6 85.65 10 2 97.50 10 6 84.67 10 9 118.20 10 3 106.45 10 6 78.14 10	100.00 10 100.00 10 100.00 9 100.00 8 100.00 10	1997 1998 101.91 103.1 101.33 101.9 90.63 87.6 85.24 79.6
Private industries	5 98.50 10 8 89.20 10 6 85.65 10 2 97.50 10 6 84.67 10 9 118.20 10 3 106.45 10 6 78.14 10	100.00 10 100.00 9 100.00 8 100.00 10 100.00 10	90.63 101.9
Agricultural services, forestry, and fishing	8 89.20 10 6 85.65 10 2 97.50 10 6 84.67 10 9 118.20 10 3 106.45 10 6 78.14 10	100.00 9 100.00 8 100.00 10 100.00 10	90.63 87.6
Farms	6 85.65 10 2 97.50 10 6 84.67 10 9 118.20 10 3 106.45 10 6 78.14 10	100.00 8 100.00 10 100.00 10	
5	97.50 10 6 84.67 10 9 118.20 10 3 106.45 10 6 78.14 10	100.00 10	85.241 /96
Mining	6 84.67 10 9 118.20 10 3 106.45 10 6 78.14 10	100.00 10	03.99 107.4
Mesia mining	9 118.20 10 3 106.45 10 6 78.14 10		101.37 83.8
9 Oil and gais extraction 22.71 74.70 84.43 99.44 88.70 84.77 84.66 97.67 10 Nometialic minerals, except fuels 89.75 82.59 94.91 96.70 97.60 97.65 97.	6 78.14 10	1 100.00 0	89.81 69.8
Normetalik minerals, except fuels			95.46 91.1 102.63 81.5
Manufacturing	l i		103.93 102.6
Manufacturing	5 96.90 10	100.00 10	104.18 108.8
Durable goods	1 1		99.40 98.9
Furniture and fixtures			97.38 92.9
16			104.04 104.1 102.58 106.1
Febricaited metal products	3 98.66 10	100.00 10	01.65 105.9
			100.24 98.7 101.59 105.5
Motor verticles and equipment 67.92 66.19 68.27 68.90 77.27 85.62 91.60 96.01	6 106.48 10	100.00 9	90.37 79.2
Color Colo			91.05 75.7 99.37 100.1
Nondurable goods	4 96.45 10	100.00 10	101.34 103.2
Nondurable goods			08.04 118.8 01.76 104.8
Food and kindred products	0 98.05 10	100.00 10	02.23 108.0
Textile mill products			04.24 107.5 11.12 153.8
Printing and publishing 59.92 62.31 66.47 71.03 76.64 81.73 86.75 90.09	7 95.55 10	100.00 10	02.35 105.1
Printing and publishing 59.92 62.31 66.47 71.03 76.64 81.73 86.75 90.09			00.31 102.9 91.87 99.2
Rubber and miscellaneous plastics products 99,77 97,76 97,81 97,81 98,86 102,23 101,26 101,12 100,14 97,53 36 107,26 107,12 100,14 97,53 37,77 37,	9 90.63 10	100.00 10	05.36 111.1
Rubber and miscellaneous plastics products 99,77 97,76 97,81 97,81 98,86 102,23 101,26 101,12 100,14 97,53 36 107,26 107,12 100,14 97,53 37,77 37,			00.20 106.1 21.98 125.1
Transportation and public utilities	4 98.19 10	100.00 9	98.07 102.4
Transportation	3 99.92 10	100.00 10	01.91 105.0
Railroad transportation 121.84 120.33 114.74 109.30 105.22 103.83 104.79 105.33			01.86 104.5
Trucking and warehousing			02.33 108.5 00.90 106.8
Water transportation 102.44 110.35 104.05 98.70 105.06 103.03 102.04 101.16			00.26 104.7 02.00 110.2
44 Transportation services 79.37 85.23 88.29 92.91 98.70 101.40 101.64 102.10 45 Communications 94.64 94.27 94.05 95.42 96.06 96.81 98.08 99.94 46 Telephone and telegraph 104.99 103.07 102.46 101.94 102.67 102.56 102.31 104.04 47 Radio and television 63.02 68.23 69.28 76.53 76.93 80.18 85.83 88.09 48 Electric, gas, and sanitary services 85.54 85.83 87.10 87.08 90.09 93.77 97.62 100.38 49 Wholesale trade 87.37 91.36 91.35 95.21 94.96 93.18 95.60 99.50 50 Retail trade 84.85 84.75 87.59 90.75 94.44 96.84 99.34 100.54 51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38			99.16 104.2
44 Transportation services 79.37 85.23 88.29 92.91 98.70 101.40 101.64 102.10 45 Communications 94.64 94.27 94.05 95.42 96.06 96.81 98.08 99.94 46 Telephone and telegraph 104.99 103.07 102.46 101.94 102.67 102.56 102.31 104.04 47 Radio and television 63.02 68.23 69.28 76.53 76.93 80.18 85.83 88.09 48 Electric, gas, and sanitary services 85.54 85.83 87.10 87.08 90.09 93.77 97.62 100.38 49 Wholesale trade 87.37 91.36 91.35 95.21 94.96 93.18 95.60 99.50 50 Retail trade 84.85 84.75 87.59 90.75 94.44 96.84 99.34 100.54 51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38			04.90 112.3 93.00 93.9
46 Telephone and telegraph 104.99 103.07 102.46 101.94 102.67 102.56 102.31 104.04 47 Radio and television 63.02 68.23 69.28 76.53 76.93 80.18 85.83 88.09 48 Electric, gas, and sanitary services 85.54 85.83 87.10 87.08 90.09 93.77 97.62 100.38 49 Wholesale trade 87.37 91.36 91.35 95.21 94.96 93.18 95.60 99.50 50 Retail trade 84.85 84.75 87.59 90.75 94.44 96.84 99.34 100.54 51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38 87.94 90.70 93.12 52 Depository institutions 65.22 67.82 68.08 70.22 78.66 87.49 85.91 88.07 53 Nondepository institutions 79.75 84.18 86.25 88.52 92.33<	0 100.53 10	100.00 10	02.42 100.8
47 Radio and television 63.02 68.23 69.28 76.53 76.93 80.18 85.83 88.09 48 Electric, gas, and sanitary services 85.54 85.83 87.10 87.08 90.09 93.77 97.62 100.38 49 Wholesale trade 87.37 91.36 91.35 95.21 94.96 93.18 95.60 99.50 50 Retail trade 84.85 84.75 87.59 90.75 94.44 96.84 99.34 100.54 51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38 87.94 90.70 93.12 52 Depository institutions 65.22 67.82 68.08 70.22 78.66 87.49 85.91 88.07 53 Nondepository institutions 79.75 84.18 86.25 88.52 92.33 92.78 94.43 98.47 54 Security and commodity brokers 99.48 99.85 10.18 100.66 101.19			01.25 100.8 99.31 96.4
49 Wholesale trade 87.37 91.36 91.35 95.21 94.96 93.18 95.60 99.50 50 Retail trade 84.85 84.75 87.59 90.75 94.44 96.84 99.34 100.54 51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38 87.94 90.70 93.12 52 Depository institutions 55.22 67.82 68.08 70.22 78.66 87.49 85.91 80.77 53 Nondepository institutions 79.75 84.18 86.25 88.52 92.33 92.78 94.43 98.47 54 Security and commodity brokers 99.48 98.85 100.18 100.66 101.19 107.20 107.16 102.57 55 Insurance carriers 39.75 45.22 52.76 57.58 60.86 66.71 75.90 81.68 56 Insurance carriers 39.75 45.22 52.76 57.58 60.86 <td< th=""><td>9 91.95 10</td><td>100.00 10</td><td>08.06 117.4</td></td<>	9 91.95 10	100.00 10	08.06 117.4
Finance, insurance, and real estate 70.97 73.92 77.33 80.79 94.44 96.84 99.34 100.54 51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38 87.94 90.70 93.12 52 Depository institutions 65.22 67.82 68.08 70.22 78.66 87.49 85.91 88.07 53 Nondepository institutions 79.75 84.18 86.25 85.22 23.33 92.78 94.43 98.47 54 Security and commodity brokers 99.48 98.85 100.18 100.66 101.19 107.20 107.16 102.57 55 Insurance agents, brokers, and service 39.75 45.22 52.76 57.58 60.86 66.71 75.90 81.68 56 Insurance agents, brokers, and service 45.84 50.28 55.92 61.36 61.49 69.70 82.12 87.89 57 Real estate 77.51 79.92 83.58 87.20<	8 99.84 10	100.00 10	01.97 104.1
51 Finance, insurance, and real estate 70.97 73.92 77.33 80.79 84.38 87.94 90.70 93.12 52 Depository institutions 65.22 67.62 68.08 70.22 78.66 87.49 85.91 88.07 53 Nondepository institutions 79.75 84.18 86.25 88.52 92.33 92.78 94.43 98.47 54 Security and commodity brokers 99.48 98.85 100.18 100.66 101.19 107.20 107.16 102.57 55 Insurance carriers 39.75 45.22 52.76 57.58 60.86 66.71 75.99 81.68 56 Insurance agents, brokers, and service 45.84 50.28 55.92 61.36 61.49 69.70 82.12 87.89 57 Real estate 77.51 79.92 83.53 87.20 89.71 90.73 93.31 95.62 58 Nonfarm housing services 73.54 76.99 80.19 84.18	0 103.64 10	100.00 9	97.13 92.4
52 Depository institutions 65.22 67.82 68.08 70.22 78.66 87.49 85.91 88.07 53 Nondepository institutions 79.75 84.18 86.25 83.52 92.33 92.78 94.43 98.47 54 Security and commodity brokers 99.48 98.85 100.18 100.66 101.19 107.20 107.16 102.57 55 Insurance carriers 39.75 45.22 52.76 57.58 60.86 66.71 75.90 81.68 56 Insurance cargents, brokers, and service 45.84 50.28 55.92 61.36 61.49 69.70 82.12 87.89 57 Real estate 77.51 79.92 83.58 87.20 89.71 90.73 93.31 95.62 58 Nonfarm housing services 73.54 76.99 80.19 84.18 86.61 89.26 91.57 94.07 59 Other real estate 90.35 89.41 94.48 96.96 99.72	4 100.84 10	100.00 9	99.31 98.2
53 Nondepository institutions 79.75 84.18 86.25 88.52 92.33 92.78 94.43 98.47 54 Security and commodity brokers 99.48 98.85 100.18 100.66 101.19 107.20 107.16 102.57 55 Insurance carriers 39.75 45.22 52.76 57.58 60.66 66.71 75.90 81.68 56 Insurance agents, brokers, and service 45.84 50.28 55.92 61.36 61.49 69.70 82.12 87.89 57 Real estate 77.51 79.92 83.58 87.20 89.71 90.73 93.31 95.62 58 Nonfarm housing services 73.54 76.99 80.19 84.18 86.61 89.26 91.57 94.07 59 Other real estate 90.35 89.41 94.48 96.96 99.72 95.34 98.78 100.51 60 Holding and other investment offices 36.79 43.39 44.60 53.51 <td< th=""><td>2 96.72 10</td><td>100.00 10</td><td>03.38 104.2</td></td<>	2 96.72 10	100.00 10	03.38 104.2
55 Insurance carriers 39.75 45.22 52.76 57.58 60.86 66.71 75.90 81.68 56 Insurance agents, brokers, and service 45.84 50.28 55.92 61.36 61.49 69.70 82.12 87.89 57 Real estate 77.51 79.92 83.58 87.20 89.71 90.37 93.31 95.62 58 Nonfarm housing services 73.54 76.99 80.19 84.18 86.61 89.26 91.57 94.07 59 Other real estate 90.35 89.41 94.48 96.96 99.72 95.34 98.78 100.51 60 Holding and other investment offices 36.79 43.39 44.60 53.51 54.49 67.99 70.33 69.15 61 Services 66.89 70.75 74.29 78.68 83.09 87.64 90.81 93.56 62 Hotels and other lodging places 71.30 76.38 80.70 83.98 89.58 <td< th=""><td></td><td>100.00 11 100.00 9</td><td>12.19 112.3 92.79 89.6</td></td<>		100.00 11 100.00 9	12.19 112.3 92.79 89.6
58 Nonfarm housing services 73.54 76.99 80.19 84.18 86.61 89.26 91.57 94.07 59 Other real estate 90.35 89.41 94.48 96.96 99.72 95.34 98.78 100.51 60 Holding and other investment offices 36.79 43.39 44.60 53.51 54.49 67.99 70.33 69.15 61 Services 66.89 70.75 74.29 78.68 83.09 87.64 90.81 93.62 62 Hotels and other lodging places 71.30 76.38 80.70 83.98 89.58 91.60 94.50 96.98 63 Personal services 70.58 73.59 77.58 81.96 86.16 88.96 92.19 95.36 64 Business services 77.50 79.99 81.27 84.53 87.09 90.08 91.78 92.62 65 Auto repair, services, and parking 71.39 74.34 77.89 81.24 85.37 <t< th=""><td>7 101.66 10</td><td>100.00 9</td><td>94.46 85.8</td></t<>	7 101.66 10	100.00 9	94.46 85.8
58 Nonfarm housing services 73.54 76.99 80.19 84.18 86.61 89.26 91.57 94.07 59 Other real estate 90.35 89.41 94.48 96.96 99.72 95.34 98.78 100.51 60 Holding and other investment offices 36.79 43.39 44.60 53.51 54.49 67.99 70.33 69.15 61 Services 66.89 70.75 74.29 78.68 83.09 87.64 90.81 93.62 62 Hotels and other lodging places 71.30 76.38 80.70 83.98 89.58 91.60 94.50 96.98 63 Personal services 70.58 73.59 77.58 81.96 86.16 88.96 92.19 95.36 64 Business services 77.50 79.99 81.27 84.53 87.09 90.08 91.78 92.62 65 Auto repair, services, and parking 71.39 74.34 77.89 81.24 85.37 <t< th=""><td>9 94.57 10</td><td></td><td>04.94 108.9</td></t<>	9 94.57 10		04.94 108.9
59 Other real estate 90.35 89.41 94.48 96.96 99.72 95.34 98.78 100.51 60 Holding and other investment offices 36.79 43.39 44.60 53.51 54.49 67.99 70.33 69.15 61 Services 66.89 70.75 74.29 78.68 83.09 87.64 90.81 93.62 62 Hotels and other lodging places 71.30 76.38 80.70 83.98 89.58 91.60 94.50 96.98 63 Personal services 77.50 79.99 81.26 86.16 88.96 92.19 95.36 64 Business services 77.50 79.99 81.27 84.53 87.09 90.08 91.78 92.62 65 Auto repair, services, and parking 71.39 74.34 77.89 81.24 85.37 88.93 92.47 95.45 66 Miscellaneous repair services 62.98 64.59 65.55 69.41 73.47 81.19			01.81 103.8 02.74 106.0
61 Services 66.89 70.75 74.29 78.68 83.09 87.64 90.81 93.62 62 Hotels and other lodging places 71.30 76.38 80.70 83.98 89.58 91.60 94.50 96.98 63 Personal services 70.58 73.59 77.58 81.96 86.16 88.96 92.19 95.36 64 Business services 77.50 79.99 81.27 84.53 87.09 90.08 91.78 92.62 65 Auto repair, services, and parking 71.39 74.34 77.89 81.24 85.37 88.93 92.47 95.45 66 Miscellaneous repair services 62.98 64.59 65.55 69.41 73.47 81.19 88.71 90.29	1 99.42 10	100.00 9	99.10 97.5
62 Hotels and other lodging places 71.30 76.38 80.70 83.98 89.58 91.60 94.50 96.98 63 Personal services 70.58 73.59 77.58 81.96 86.16 88.96 92.19 95.36 64 Business services 77.50 79.99 81.27 84.53 87.09 90.08 91.78 92.69 65 Auto repair, services, and parking 71.39 74.34 77.89 81.24 85.37 88.93 92.47 95.45 66 Miscellaneous repair services 62.98 64.59 65.55 69.41 73.47 81.19 88.71 90.29	5 81.22 10	100.00 12	29.54 147.9
63 Personal services 70.58 73.59 77.58 81.96 86.16 88.96 92.19 95.36 64 Business services 77.50 79.99 81.27 84.53 87.09 90.08 91.78 92.62 65 Auto repair, services, and parking 71.39 74.34 77.89 81.24 85.37 88.93 92.47 95.45 66 Miscelianeous repair services 62.98 64.59 65.55 69.41 73.47 81.19 88.71 90.29			03.55 107.8
64 Business services	6 97.25 10	100.00 10	06.72 119.6 03.72 106.1
66 Miscellaneous repair services			03.24 107.7
			03.76 107.8 05.39 113.2
67 Motion pictures	7 94.62 10	100.00 10	02.19 103.9
68 Amusement and recreation services	6 97.49 10	100.00 10	03.04 106.6 02.77 106.1
	4 96.19 10	100.00 10	04.53 108.8
71 Educational services			04.23 109.0 04.23 110.3
73 Membership organizations	3 95.40 10	100.00 10	05.39 110.7
74 Other services 67.54 71.77 73.92 78.01 82.19 88.82 90.31 92.95 75 Private households 75.64 78.13 80.27 82.30 86.96 89.78 92.10 93.84			03.60 106.6 02.55 105.4
76 Government	1 1	1	02.29 105.0
		i i	- 1
77 Federal	6 95.89 10	100.00 10	01.68 103.1 8 02.07 103.8
79 Government enterprises			99.76 99.8
80 State and local			02.60 106.0
81 General government			02.53 105.73 03.38 109.5
00.70 00.01 07.02 04.01 00.00 04.01 00.00 04.01 00.00 04.01 00.00 04.01	7 37.57 10	1 .00.00 1 10	100.0

Table 8.—Gross Output by Industry, 1987–98 [Billions of dollars]

Principation 1,255.3 1,000.5 1,007.5 1,077.5 1,020.4 1,250.5 1,007.5	Line		1987	1988		1000	1001	1000	1993	1004	1005	1996	1997	1998
2 Profess Mendestee	Line				1989	1990	1991	1992		1994	1995			
Agriculture, Incressly, and flathing				· 1		'		'				_		,
Figure	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
5 Maring														
Abdis riskry () 7.1 9.3 11.5 11.6 11.2 11.6 10.2 12.1 13.3 12.5 11.5 11.6 11.2 11.6 10.2 12.1 13.3 12.5 11.5 11.6 11.2 11.5 11.5 11.5 11.5 11.5 11.5 11.5		Agricultural services, forestry, and fishing												
Communication	6	Mining			157.0									
Old and generation														
Construction	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
Description		· •						i						
1.296.5 1.69		Construction	413.2	428.2	439.4		413.2	431.7	455.8	491.7	514.1	554.5	597.4	640.7
Lumber and wood produces						2,873.6					3,547.5			
Storn, day, and glass products 40.0 60.0	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
Primary mined Indisables	15 16													
Industrial machinely and equipment	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
Electronic and other electric equipment 980, 1803 1906, 1912 1925 210, 172 221 224, 1228, 8 3118 344, 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 305, 9 314 315, 9 314 315, 9 314 315, 9 314 315, 9 314 315, 9 314 315, 9 314 315, 9	18 19			157.3 238.2		162.1 252.0							222.2 399.4	
Chert bransportion experience 1929 383, 194, 195	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
Testile mill products	21	Motor vehicles and equipment												
Testile mill products	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
Testile mill products	24 25													
Testile mill products	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
Printing and publishing	27 28	Textile mill products												
Printing and publishing	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
Chemicals and allied products 225.1 256.1 277.5 288.3 291.6 307.2 225.8 358.6 369.4 382.2 383.2 383.2 383.2 385.6 383.2 383.		Paper and allied products												
Pubber and interproducts	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
Section Sect	33 34	Rubber and miscellaneous plastics products												155.4
Transportation		Leather and leather products												8.2
Relitroad transportation	36	Transportation and public utilities												1,296.8
Decal and interluchan passenger transit														
Water fransportation 24.2 26.5 27.1 28.3 29.2 29.3 30.4 31.2 34.1 36.4 37.1 38.5 38.5 39.5	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
Transportation by air														
17.4 20.2 22.9 22.8 26.3 28.1 29.7 32.6 35.7 37.7 41.4 45.6	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
46														
47 Radio and television	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
## Electric, gas, and sanitary services													85.4	95.0
Finance Fina	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
Finance, Insurance, and real estate	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
Depository institutions 203.3 2122 222.0 225.5 225.5 226.9 226.9 226.5 226	50	Retail trade	674.2	712.6	755.4	793.0	807.2	846.6	906.9	974.8	1	1	1,120.1	1,180.3
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												2,247.1		2,660.1
Fig. Fig.	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
Fig. Fig.	54 55													253.9
Nontarm housing services	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
59 Other real estate 258 9 Holding and other investment offices 30.6 18.1 34.0 367.6 362.8 393.3 414.6 445.8 458.2 520.4 559.6 599.8 60.9 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 2,311.2 2,955.5 61.2 62.9 1,217.6 1,384.5 1,529.3 1,678.0 1,752.9 1,901.1 2,017.4 2,153.3 2,311.7 2,955.5 62.9 62.9 1,217.6 7.66 78.0 84.9 88.8 95.1 100.5 106.5 112.6 63 Personal services 47.8 54.5 59.8 66.4 62.0 68.7 72.5 76.6 81.7 84.6 89.6 96.0 66.0 67.2 76.6 81.7 84.6 89.6 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0		Real estate										1,268.2 747.8	1,342.6	
Services	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
62 Hotels and other lodging places 62.9 69.1 72.7 76.6 78.0 84.9 88.8 95.1 100.5 112.6 122.6 68.7 72.5 76.6 81.7 84.6 89.0 68.0 68.0 62.0 68.7 72.5 76.6 81.7 84.6 89.6 96.0 96.0 96.0 96.0 96.0 195.2 232.0 282.9 294.9 303.7 328.3 358.0 397.2 449.1 510.6 577.0 673.8 66.7 77.4 83.1 86.1 83.4 91.3 99.2 107.2 115.8 124.3 130.1 134.6 83.8 9.1 100.2 115.8 124.3 130.1 134.6 33.8 36.6 32.7 41.0 45.1 46.4 49.8 54.4 67.0 48.0 513.3 48.0 513.3 53.4 43.0 46.9 50.4 53.9 56.8 59.2 62.5 62.5 48.2 48.2 49.2 42.2		•	1				1	1			t	i		l
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 195.2 232.0 262.9 294.9 303.7 328.3 338.0 397.2 449.1 510.6 577.0 673.8 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 376.5 86.9 95.1 104.5 107.5 116.8 120.7 123.4 125.0 134.1 143.3 152.8 70 Legal 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 82.1 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 83.7 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 77.6 755.4 805.7 863.0 914.7 951.5 990.6 1,027.6 1,063.3 1,099.9 1,137.4 1,180.5 76 Government enterprises 44.9 48.8 51.9 55.0 592.6 65.7 65.7 65.7 65.0 65.7 65.5 77.0 73.5 75.6 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 enterprises 44.9 48.8 51.9 55.0 592.6 65.7 65.7 593.3 66.7 593.3 66.7 593.3 66.7 593.5 664.0 675.4 80 State and local General government 368.7 366.2 460.0 463.6 460.6 460.6 460.0 514.5 540.3 56.7 593.3 66.7 570.1 675.4 81 General government 368.7 366.2 460.0 463.6 460.6 460.6 46		Services												2,955.5
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 66.2 66.4 74.1 82.2 89.2 100.3 110.7 120.3 120.5 70 Legal services 76.5 86.9 95.1 104.5 107.5 116.8 120.7 123.4 125.0 134.1	63	Personal services	47.8	54.5	59.8	62.4		68.7						96.0
66 Miscellaneous repair services 28.9 32.4 36.2 39.2 41.2 43.0 46.9 50.4 53.9 568. 59.2 64.2 68.4 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 66.4 71.9 76.5 86.9 95.1 104.5 107.5 116.8 120.7 123.4 125.0 134.1 143.3 152.8 71.2 123.4 125.0 134.1 143.3 152.8 71.2 123.4 125.0 134.1 143.3 152.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 125.0 134.1 143.3 134.8 120.7 123.4 12	64	Business services	195.2			294.9	303.7	328.3	358.0	397.2	449.1	510.6	577.0	673.8
67 Motion pictures 28.9 32.4 36.2 39.2 41.2 43.0 46.9 50.4 59.9 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 53.1 57.7 61.4 66.2 69.8 74.8 78.5 84.3 88.7 96.2 97.7 <t< th=""><th>66</th><th>Miscellaneous repair services</th><th>26.5</th><th>29.5</th><th>31.7</th><th>34.5</th><th>33.8</th><th>36.6</th><th>37.7</th><th>41.0</th><th>45.1</th><th>46.4</th><th>49.8</th><th>54.4</th></t<>	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
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 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 55.1 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 89.9 9.4 9.1 10.1 10.7 11.1 11.9 12.0 12.1	67	Motion pictures												62.5
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 74.5 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	69	Health services												755.6
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 12.1 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 284.7 299.4 314.8 335.0 344.1 349.5 352.5 356.2 363.4 367.3 372.6 78		Legal services												152.8
75 Private households	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
75 Private households	73 74													104.0 426.2
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	75													14.0
78 General government	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
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		Federal												372.6
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 388.7 396.2 426.0 463.6 490.4 514.5 540.3 567.0 593.3 616.7 644.0 675.4		General government		235.9						287.4	286.8	292.0	293.7	296.9
81 General government			i				l	ł	1			i		1
82 Government enterprises	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]

				[Billions o	r dollarsj								
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 5	Farms	86.9 6.8	94.7 9.3	101.0 10.7	105.7 10.9	107.2	107.4 12.0	113.9 11.2	119.8 15.0	124.7 15.8	130.4 17.5	138.1 19.0	134.1 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 9	Coal mining	14.2 35.0	14.7 23.3	16.3 30.9	18.2 34.0	17.6 39.3	16.8 43.0	15.3 43.4	16.4 36.5	16.0 30.4	16.0 43.7	16.2 44.8	15.7 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 14	Durable goods Lumber and wood products	769.8 38.5	843.3 40.0	883.7 40.9	879.8 42.6	845.4 39.7	914.3 49.0	971.3 58.3	1,067.8 63.0	1,169.7 62.3	1,225.2 65.6	1,329.0 68.7	1,402.8 67.0
15 16	Furniture and fixtures	22.5	23.6	24.8	25.3	23.8	26.2	27.7 37.4	30.3 39.0	32.9 42.0	33.8	37.1	39.7
17	Stone, clay, and glass products Primary metal industries	37.3 86.1	38.2 106.8	37.4 110.6	37.3 104.9	34.8 95.7	34.7 98.5	100.1	113.1	127.0	47.4 127.9	50.1 136.3	51.9 126.3
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 20	Industrial machinery and equipment Electronic and other electric equipment	116.4 80.4	127.9 85.6	135.0 85.6	133.8 85.5	132.1 82.2	138.0 103.0	157.8 108.1	184.8 123.1	215.1 149.9	234.9 160.6	255.6 178.2	277.7 198.6
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 69.0	82.2 69.8	84.0 76.1	93.5 77.2	89.0 79.1	93.9 80.4	89.6 85.6	83.1 88.3	80.0 96.5	84.8 94.2	100.8 105.7	119.9 106.8
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 26	Nondurable goodsFood and kindred products	792.9 238.6	844.1 257.0	911.1 280.0	953.2 283.8	941.7 284.7	960.1 292.4	980.2 304.8	1,010.7 310.6	1,088.7 316.3	1,119.8 332.0	1,171.6 341.0	1,163.5 356.0
20 21 22 23 24 25 26 27 28 29 30	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 29	Textile mill products	42.3 40.4	43.7 40.8	45.8 38.6	43.0 40.1	42.6 41.0	44.8 43.0	48.4 44.7	52.1 47.1	54.6 48.7	54.2 48.1	58.0 50.9	54.6 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 32	Printing and publishing Chemicals and allied products	77.1 141.3	81.3 160.6	83.5 174.3	89.4 176.4	87.9 177.6	89.6 180.5	95.7 184.5	95.3 187.1	109.1 202.0	109.0 204.9	116.7 221.6	120.9 223.3
32 33 34	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
35	Rubber and miscellaneous plastics products Leather and leather products	56.3 4.9	64.1 5.0	66.7 4.7	70.5 4.3	68.7 3.4	73.6 4.5	79.1 4.9	88.3 4.4	97.4 3.7	98.2 4.8	101.3 4.6	100.5 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 39	Railroad transportation Local and interurban passenger transit	9.3 l 6.9 l	10.0 7.7	13.8 8.4	14.5 10.0	12.3 9.6	13.7 9.3	14.0 9.6	15.0 10.1	16.5 10.4	17.3 10.8	18.3 10.4	18.1 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 42	Water transportation Transportation by air	15.8 41.3	17.4 d 41.8	17.5 44.1	18.3 45.7	18.2 44.8	18.7 43.5	19.6 43.7	19.7 41.7	22.4 44.5	24.2 46.5	23.8 48.8	24.6 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
42 43 44 45	Transportation services	3.0 74.4	4.8 76.7	6.2 80.0	7.6 78.6	6.8 80.8	8.1 86.4	8.9 87.7	10.0 96.7	12.2 112.3	12.0 134.1	14.5 134.3	16.0 161.3
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 48	Radio and television Electric, gas, and sanitary services	24.6 91.9	25.5 100.3	24.6 105.8	23.8 103.5	22.0 109.0	22.8 116.4	21.0 124.9	21.2 120.3	20.0 112.3	28.0 128.0	31.8 137.8	38.0 119.1
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 53	Depository institutions Nondepository institutions	59.4 18.2	64.6 20.6	64.8 19.9	61.2 24.1	59.5 24.8	67.3 20.6	86.0 25.3	94.7 41.8	93.4 53.4	101.7 69.2	112.4 79.5	124.4 63.0
53 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 56 57	Insurance carriers	87.8 17.9	98.9 16.2	104.8 18.6	116.1 22.5	117.8 21.2	96.2 20.3	130.6 21.3	126.8 23.9	134.5 25.6	138.1 25.1	158.1 28.3	145.6 34.1
57 58	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
59	Nonfarm housing services Other real estate	67.7 119.4	70.1 144.8	71.4 160.1	78.1 190.2	80.7 192.1	76.2 211.5	86.6 221.1	87.1 248.3	88.8 254.6	93.3 303.3	102.8 320.5	115.7 343.7
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 63	Hotels and other lodging places Personal services	25.8 16.8	28.5 18.6	28.7 23.0	30.2 24.4	29.8 23.2	34.5 27.8	35.7 28.2	38.5 31.0	38.8 35.0	40.2 37.1	42.0 39.5	44.1 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 66	Auto repair, services, and parking	27.9 13.0	32.1 14.1	36.5 15.1	35.8 16.8	32.0 16.8	39.2 19.0	43.5 18.5	47.2 21.7	50.7 24.4	55.9 24.6	58.1 27.5	57.0 29.8
66 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 69	Amusement and recreation services Health services	16.7 106.9	20.4 126.2	22.2 137.7	25.7 153.6	26.0 168.0	28.9 185.9	36.7 199.6	40.0 208.0	46.8 223.6	52.4 228.9	55.4 244.3	56.3 260.1
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 72	Educational services	23.5 22.7	26.3 28.4	29.3 30.9	32.3 34.3	32.9 33.2	34.9 33.1	36.6 36.0	38.6 39.1	41.4 44.7	45.8 49.0	48.3 55.5	48.7 61.4
72 73 74	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 75	Other services Private households	68.1 0	75.5 0	85.3 0	88.6 0	92.3 0	95.8 0	95.8 0	102.7	118.8	137.6 0	151.9	172.1 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 78	Federal	10.5 0	11.4	12.4	14.6 0	12.6 0	10.2	13.3	12.8	14.0	16.5	12.2	11.7 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 82	General government	0 36.1	0 37.5	0 39.7	0 41.8	0 44.9	0 46.9	0 52.5	0 57.2	0 59.8	63.0	0 65.8	0 68.7
			٠,.٠١	55.7	-1.0	- 77.5	70.0	<u> </u>	٠,٠٢	55.0	55.0	55.5	

SURVEY OF CURRENT BUSINESS

Table 10.—Chain-Type Quantity Indexes for Gross Output by Industry, 1987–98 [1996=100]

1 All Industries	92.46 95.98 91.88 95.67 100.30 97.69 102.01 97.90 93.90 96.91 97.76 97.11 99.88 98.18 97.62 96.88 98.00 96.99 94.91 97.48 94.49 94.99 92.27 96.71 87.26 93.94 95.25 98.34 90.94 93.74 95.35 96.66 97.63 188.92 69.18 95.75 76.31 88.92 98.9 97.72 101.92 100.95 101.54 95.37 92.89 97.75 101.54 95.37 92.89 97.75 101.92 100.95 101.54 95.37 93.42 96.36 98.46 100.04 99.03 101.54 99.03 101.54 99.03 97.75 101.92 100.95 101.75 99.22 98.34 99.34 99.37 101.92 100.95 101.75 99.22 98.37 99.44 99.35 98.46 99.03 99.74 97.35 98.67 99.49 99.29 99.74 97.35 98.67 99.49 99.29 99.74 97.35 98.67 99.29 99.74 97.35 98.67 99.29 99.74 97.35 98.67 99.29 99.74 97.35 98.67 99.29 99.74 97.35 98.67 99.29 99.74 97.35 98.67	100.00 100.00	0.00 105.3; 0.00 105.7; 0.00 106.4; 0.00 106.6; 0.00 105.8; 0.00 105.9; 0.00 105.9; 0.00 105.9; 0.00 105.9; 0.00 105.9; 0.00 106.9; 0.00 107.4; 0.00 108.4;	111.99 15 108.31 106.89 121 106.89 122 106.89 133 105.40 133 105.40 100.41 100.40 111.09 15 100.40 100.41 111.70 15 111.15 100.5 111.10 15 100.49 111.70 15 111.15 100.31 111.70 15 141.09 16 133.27 17 19.82 17 110.16 17 100.31 18 115.61 18 115.61 19 100.31 11 100.5 100.31 11 100.5 100.31 11 100.5 100.31 11 100.5 100.31 100.
Private industries	91.88 95.67 100.30 97.69 102.01 97.90 103.90 96.91 109.88 98.66 109.88 98.00 109.88 98.00 109.88 98.00 109.88 98.00 109.88 98.00 109.88 98.00 109.88 98.00 109.88 98.00 109.89 94.91 109.99 93.37 109.28 99.77 101.92 100.95 103.04 102.78 103.04 102.78 103.04 102.78 103.04 102.78 103.04 102.78 103.04 102.78 103.05 98.78 104.99 105.99 99.79 105.99 99.79 106.95 98.78 106.95 98.78 107.99 99.22 109.97 109.99 99.22 109.99 109.20 109.21 109.99 109.21 109.99 109.22 109.24 109.35 109.3	100.00 1	105.70 105.70 106.6 107.70 108	111.99 15 108.31 106.89 121 106.89 122 106.89 133 105.40 133 105.40 100.41 100.40 111.09 15 100.40 100.41 111.70 15 111.15 100.5 111.10 15 100.49 111.70 15 111.15 100.31 111.70 15 141.09 16 133.27 17 19.82 17 110.16 17 100.31 18 115.61 18 115.61 19 100.31 11 100.5 100.31 11 100.5 100.31 11 100.5 100.31 11 100.5 100.31 100.
Agriculture, forestry, and fishing	100.30 97.69 102.01 97.90 93.90 96.91 97.76 97.11 99.88 98.16 97.62 96.88 97.62 96.89 94.91 97.48 94.49 94.99 92.27 96.71 87.26 99.35 95.05 98.41 95.32 96.68 93.57 96.67 63.11 85.72 97.50 100.33 101.54 95.37 97.50 100.33 101.54 95.37 93.42 96.36 93.57 96.67 101.30 101.50 95.37 101.92 100.95 101.73 99.22 99.73 101.92 100.95 101.73 99.23 99.74 100.95 98.75 99.44 100.95 98.75 99.45 98.35 94.43 96.83 106.95 98.75 90.64 94.86 90.64 94.86 91.21 94.96 93.97 99.22 99.70 99.22 99.70 99.24 99.24 99.25	100.00 100.00	106.4	108.31 108.31 106.89 113.33 26 102.27 33 105.40 33 105.40 33 105.40 101 100.41 101 100.41 101 100.41 101 100.41 113.80 133 120.31 113.80 133.27 111 110.23 111.15 111.170 111.
## Farms	102.01 97.90 93.90 96.91 97.76 97.71 99.88 98.18 997.62 96.89 98.00 96.98 94.91 97.48 94.49 94.99 92.27 96.71 87.26 93.94 95.25 96.29 98.35 95.05 98.41 90.94 93.77 95.32 96.67 63.11 88.92 69.18 95.75 91.54 95.37 101.54 95.37 101.54 95.37 101.54 95.37 101.92 100.95 101.54 99.37 101.92 100.95 101.09.95 100.95 101.69.95 100.95 101.73 99.22 99.77 100.95 101.92 100.95 101.73 99.22 99.77 100.95 101.73 99.22 99.77 100.95 101.73 99.22 99.77 100.95 101.73 99.24 99.73 99.73 99.79 99.77 99.79	100.00 100.00	100	22 106.89 113.33 26 102.27 33 105.40 100.41 106 108.38 35 109.05 37 120.31 120.31 120.31 13.80 13.10 104.97 111.10 104.97 111.13 111.15
## Farms	93.90 96.91 97.76 97.11 99.88 98.16 97.62 96.88 98.00 96.99 94.91 97.48 94.49 94.99 92.27 96.71 87.26 93.94 96.29 98.35 95.05 98.41 95.32 96.66 93.57 96.67 69.18 85.72 97.50 100.33 101.54 95.37 99.28 97.72 93.42 96.36 98.46 100.95 98.71 100.95 101.30 101.91 100.95 101.73 99.22 99.77 99.23 99.77 99.24 99.43 96.45 98.36 94.43 96.82 106.95 98.78 90.64 94.86 91.21 94.96 91.21 94.96 92.49 94.66 93.97 99.92 92.49 94.66 88.15 94.46	100.00 100.00	105.8 105.8 100.3 105.9 102.3 105.9 102.3 105.9 102.3 105.9 102.3 105.9 102.3 105.9 102.3 105.9 102.4 105.0 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.4 105.0 104.5 105.4 105.2 105.	22 113.33 26 102.27 33 105.42 33 105.42 30 105.40 100.41 100.41 100.41 100.41 100.41 100.41 100.41 100.41 110.97 111.23 104.97 111.25 104.97 111.25 104.97 111.15 104.97 111.15 106.13 111.70 129.82 111.15 106.31 101.36 105.23 106.27 106.31 101.36 105.23 106.23 106.23 107.24 107.54
Mining	97.76 99.88 97.62 99.88 98.00 96.98 94.91 97.48 94.49 94.49 94.99 92.27 96.71 96.29 93.57 96.67 76.31 88.92 93.57 96.67 76.31 95.32 96.88 97.50 100.33 101.54 95.37 95.32 96.86 97.50 100.33 101.54 95.37 97.50 100.33 101.54 95.37 99.42 96.30 98.46 100.95 101.87 99.22 99.77 99.22 99.78 99.49 94.43 96.82 94.43 96.83 94.43 96.83 94.43 96.84 97.99 99.28 99.79 99.29 99.29 99.29 99.29 99.29 99.29 99.20 99.20 99.21 99.21	100.00 100.00	103.2	26 102.27 233 105.40 233 105.40 234 10.0.41 25 109.05 26 113.80 27 113.80 27 113.81 27 113.23 28 110.16 29 113.80 21 110.05 21 110.05 21 110.05 21 110.05 21 110.05 21 110.05 21 110.05 21 110.05 22 110.11 25 110.16 26 110.16 27 100.20 28 110.16 29 100.20 29 100.20 20 110.11 20 100.20 20 110.16 21 100.16 22 100.20 23 110.16 24 105.90 25 110.11 26 110.16 27 100.05 28 110.16 29 100.05 20 103.64
Merial mining	99.88 98.16 97.62 96.88 97.62 96.89 94.91 97.48 94.49 94.99 92.27 96.71 87.26 93.94 96.29 98.35 95.05 98.41 95.32 96.66 93.57 96.67 69.18 85.72 97.50 100.33 101.54 95.37 101.54 95.37 101.92 100.95 101.30 101.80 93.71 98.72 101.92 100.95 101.73 99.22 99.77 101.92 100.95 101.73 99.23 99.77 101.92 100.95 101.73 99.24 99.73 99.44 100.95 98.78 94.43 96.83 106.95 98.78 90.64 94.86 91.21 94.96 91.21 94.96 91.21 94.96 91.21 94.96 91.21 94.96 91.21 94.96 91.21 94.96	100.00 100.00	105.9 105.9 102.3 103.1 104.0 104.0 104.0 109.7 109.7 109.7 1001 104.0 104.0 104.0 109.7 1	33
9 Oil and gas extraction	98.00 96.98 94.91 97.48 94.49 94.99 92.27 96.71 87.26 93.94 95.29 98.35 95.05 98.31 90.94 93.77 93.57 96.67 76.31 88.97 97.50 100.33 101.54 95.37 92.89 97.75 100.95 100.93 101.92 100.95 101.92 100.95 101.92 100.95 101.92 100.95 101.93 98.46 106.95 98.78 94.43 96.83 94.43 96.83 94.43 96.83 94.43 96.83 94.43 96.83 94.43 96.83 94.43 96.83 97.99 99.22 99.79 90.64 94.89 91.21 94.99 91.21 94.99 91.21 94.99 91.21 94.99	3 100.00	0.00	100 100.41 108.38 109.05 120.31
Nonmetailic minerals, except fuels	94.91 97.48 94.49 94.99 92.27 96.71 87.26 93.94 96.29 98.35 95.05 98.41 95.32 96.68 93.57 96.67 69.18 85.72 97.50 100.33 101.54 95.37 93.42 96.38 98.46 100.04 99.03 101.86 99.33 71 98.77 101.92 100.95 101.30 41 102.78 103.04 102.78 99.22 99.78 99.443 96.36 96.45 98.36 94.43 96.36 94.43 96.36 94.43 96.36 94.93 97.09 99.26 99.24 94.98 94.99	100.00 100.00	0.00 104.0 0.00 104.4 0.00 109.7 0.00 101.2 0.00 107.7 0.00 104.5 0.00 104.5 0.00 104.5 0.00 104.5 0.00 104.5 0.00 105.4 0.00 105.4 0.00 105.4 0.00 105.4 0.00 104.7 0.00 104.7 0.00 104.7 0.00 104.2 0.00 104.2	108.38 15 109.05 13.80 13.17 14 11.25 103.17 14 11.3.23 104.97 11 10.05 11.17 10.05 11.17 10.05 11.17 10.05 10.14 10.13 105.20 106.21 101.15 106.21 101.36 105.20 104.83 105.23 1
Manufacturing	92.27 96.71 87.26 93.94 96.29 98.35 95.05 98.41 95.32 96.68 93.57 96.67 69.18 85.72 97.50 100.33 101.54 95.37 101.54 95.37 101.54 95.37 101.54 95.37 101.92.89 97.72 93.42 96.33 98.46 100.95 99.03 101.86 99.03 101.86 99.03 101.86 99.03 101.86 99.03 101.86 99.03 98.76 99.22 99.77 99.22 99.78 90.64 98.35 94.43 96.82 106.95 98.78 90.64 94.86 91.21 94.96 92.49 94.68 88.15 94.14	1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 2 100.00 2 100.00 2 100.00 2 100.00 2 100.00 3 100.00 2 100.00 3 100.00 4 100.00 5 100.00 6 100.00 6 100.00 6 100.00 7 100.00 6 100.00 6 100.00 7 100.00 8 100.00 8 100.00 9 100.00	0.00	22 113.80 73 120.31 155 103.17 11 16.29 11 10.497 11 10.05 11 10.05 11 10.05 11 10.05 11 10.05 11 1.70 129.82 1242 111.15 1363 106.21 140.20 141 101.36 105.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 106.23 107.20 107.20 107.54
Durable goods	87.26 93.94 96.29 98.35 98.49 95.05 98.41 95.32 96.67 76.31 88.92 69.18 85.77 97.50 100.34 97.72 93.42 96.37 98.46 100.04 99.03 101.86 99.03 101.92 100.95 101.73 99.22 99.74 99.43 96.82 96.45 98.35 94.43 96.82 94.63 96.82 97.09 99.26 99.27 99.709 99.27	1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 2 100.00 2 100.00 2 100.00 2 100.00 3 100.00 4 100.00 4 100.00 4 100.00 5 100.00 6 100.00 6 100.00 6 100.00 7 100.00 7 100.00 7 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00 8 100.00	0.00 109.7 101.2 100.00 101.2 100.00 104.5 10.00 104.5 10.00 114.1 10.00 117.5 106.00 107.4 107.00 103.6 103.00 107.4 105.4 105.4 105.4 105.4 106.00 104.7 105.4 106.00 104.7 105.4 106.00 104.7 105.4 106.00 104.7 105.00 104.2 106.00 104.2 106.00 104.2 106.00 104.2 106.00 104.2 106.00 104.2 106.00 104.2 106.00 104.2 106.00 104.2 106.00 106.2 106.00 106.2 106.00 106.2 106.00 106.2 106.00 106.2 106.00 106.2 106.00 106.2 106.00 106.2 106.00 106.2	73 120.31 103.17 151 104.97 151 104.97 151 104.97 156 133.27 156 133.27 157 129.82 141.09 157 129.82 142 111.15 156 105.23 106.31 105.23 106.23 106.23 106.23 106.23 106.23 107.54 107
Lumber and wood products 99.51 98.26 94.99 93.60 86.31 91.68 91.59 Eurniture and fixures 87.30 87.10 88.13 86.18 80.52 87.12 91.43 Stone, clay, and glass products 89.84 91.00 90.05 88.84 81.77 84.64 86.78 Primary metal industries 82.20 89.58 87.60 86.67 83.01 85.87 90.21 Repair and the products 84.24 87.80 86.07 84.41 80.49 83.73 87.06 Industrial machinery and equipment 50.90 57.10 59.43 59.29 56.79 60.51 66.80 Electronic and other electric equipment 75.50 80.28 81.42 74.71 69.29 77.18 84.83 Whoto vehicles and equipment 77.550 80.28 81.42 74.71 69.29 77.18 84.83 Cher transportation equipment 121.48 126.00 125.65 132.16 125.10 121.21 112.30 Miscellaneous manufacturing industries 83.96 89.51 80.29 92.74 93.66 93.25 93.08 Miscellaneous manufacturing industries 83.96 89.11 88.18 89.65 87.20 86.66 91.50 Solution of the discontinuous manufacturing industries 83.96 89.11 88.18 89.65 87.20 86.66 91.50 Solution of the discontinuous manufacturing industries 83.96 89.11 88.18 89.65 87.20 86.66 91.50 Solution of the discontinuous manufacturing industries 83.96 89.11 88.18 89.65 87.20 86.66 91.50 Solution of the discontinuous manufacturing industries 88.39 91.14 92.43 92.55 92.49 94.47 95.63 Solution of the discontinuous manufacturing industries 97.42 99.74	96.29 98.35 96.29 98.41 95.32 96.68 93.57 96.67 93.57 96.67 69.18 85.72 97.50 100.33 101.54 95.37 92.89 97.72 93.42 96.33 98.46 100.48 99.03 101.86 99.03 101.86 99.03 101.87 99.22 99.77 103.04 102.78 103.04 102.78 103.04 99.735 99.443 96.82 96.45 98.78 96.45 98.78 96.46 98.78 97.09 99.22 97.09 99.24 97.09 99.24 94.66 98.15 94.66 98.15 94.66 98.15 94.66	5 100.00 1 100.00 1 100.00 2 100.00 2 100.00 2 100.00 2 100.00 3 100.00 4 100.00 5 100.00 6 100.00 6 100.00 6 100.00 7 100.00 8 100.00 9 100.00	0.00 101.2 108.4 109.4	25 103.17 116.29 116.29 110.05 111.10.05 111.10.05 111.10.05 111.10.05 111.10.05 111.10.05 111.10.05 111.10.10 102.06 104.23 105.23 106.23 1
15 Furniture and fixtures 87.30 87.01 88.13 86.16 80.52 87.12 91.43 16 Stone, clay, and glass products 89.44 10.00 90.05 88.44 177 84.64 86.78 17 Primary metal industries 82.20 89.58 88.76 86.67 84.41 80.49 83.73 87.06 18 18 Fabricated metal products 84.84 87.80 86.07 84.41 80.49 83.73 87.06 19 Industrial machinery and equipment 50.50 80.50 80.50 80.41 80.49 83.73 87.06 80.50 8	95.05 98.41 90.94 93.74 90.94 93.77 95.32 96.66 93.57 96.67 76.31 88.92 97.50 100.33 101.54 95.37 101.54 95.37 101.54 95.37 101.92 100.93 101.86 99.03 101.86 99.03 101.87 99.22 99.77 101.92 100.95 100.95 100.95 100.95 98.78 94.43 96.82 106.95 98.78 94.43 96.82 106.95 98.78 94.44 96.82 94.49 94.86 91.21 94.86 97.09 99.22 92.49 94.66	10.00 10.00 10.00 100.00 1	0.00	11 116.29 113.23 151 104.97 151 100.95 151 100.95 155 141.09 108 111.70 108 111.70 109.82 111.15 106.31 106.31 101.36 102.06 104.83 105.23 106.23
Primary metal industries	95.32 96.68 93.57 96.67 76.31 88.92 69.18 85.72 97.50 100.33 92.89 97.72 93.42 96.33 98.46 100.04 99.03 101.86 99.03 101.86 99.03 102.78 100.95 101.73 99.22 99.74 100.95 98.76 96.45 98.35 94.43 96.82 106.95 98.76 90.64 94.86 91.21 94.94 97.09 99.26 92.49 94.68 88.15 94.14	3 100.00 2 100.00 2 100.00 2 100.00 3 100.00 2 100.00 4 100.00 5 100.00 6 100.00 6 100.00 6 100.00 7 100.00 8 100.00 8 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00	0.00	51
Reprincipated metal products 84.84 87.80 86.07 84.41 80.49 83.73 87.06	93.57 96.67 76.31 88.92 69.18 85.77 97.50 100.33 101.54 95.37 92.89 97.72 93.42 96.30 98.46 100.04 99.03 101.86 93.71 98.72 101.92 100.95 101.73 99.22 99.74 100.95 101.73 99.22 99.76 99.44 97.35 98.67 96.45 98.38 94.43 96.82 106.95 98.78 90.64 94.88 91.21 94.84 97.09 99.22 99.49 94.68 88.15 94.49 94.68	7 100.00 2 100.00 3 100.00 7 100.00 6 100.00 6 100.00 6 100.00 6 100.00 6 100.00 7 100.00 8 100.00 8 100.00 8 100.00 9 100.00	0.00	61 110.05 165 133.27 165 141.09 108 111.70 129.82 42 111.15 58 115.61 106.31 100.14 44 101.36 30 108.27 42 100.14 44 101.36 30 102.06 79 104.83 90.05 222 106.23 226 111.64 105.90 90.05 287 110.16 107.54 222 110.75 222 110.75 223 110.75 224 110.75 225 110.16
Electronic and other electric equipment	69.18 85.72 97.50 100.33 101.54 95.37 92.89 97.72 93.42 96.32 98.46 100.04 99.03 101.86 99.03 101.86 100.95 101.73 99.22 99.74 100.95 96.45 98.33 94.43 96.82 106.95 98.76 90.64 94.83 91.21 94.94 97.09 99.22 99.74 97.09 99.24 92.49 94.68 88.15 94.69	2 100.00 7 100.00 2 100.00 4 100.00 4 100.00 6 100.00 6 100.00 8 100.00 8 100.00 7 100.00 7 100.00 7 100.00 7 100.00 7 100.00 7 100.00 8 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00 9 100.00	0.00	55 141.09 57 129.82 42 111.15 58 115.61 58 106.31 106.31 108.27 42 100.14 44 101.36 30 102.06 79 104.83 90.05 22 106.23 26 111.64 105.90 105.29 105.29 105.29 105.29 105.20 105.20 105.20 105.20 107.30 107.30 208 110.16 107.30 209 107.54 209
Motor vehicles and equipment 75.50 80.28 81.42 74.71 69.29 77.18 34.83 22 Other transportation equipment 121.48 126.03 125.65 132.16 125.10 121.21 112.30 112.30 Instruments and related products 85.32 89.50 90.29 92.74 93.68 93.25 93.08 33.26 81.18 81.88 89.65 87.20 86.66 91.50 80.20 81.53 91.14 92.43 92.55 92.49 94.47 95.63 96.67 96.67 97.42 97.42 97.43 96.07 98.17 98.17 98.17 99.74 95.09 97.10 92.22 92.47 94.30 96.37 98.17 97.42 99.74 95.90 97.10 92.25 93.19 80.36 97.42 99.74 95.90 97.10 92.25 93.19 80.36 97.45 99.74 97.45 99.74 95.90 97.10 92.25 93.19 80.36 97.45 99.74 97.45 99.74 97.21 97.45 99.74 97.21 97.45 99.74 97.45 99.74 97.21 97.45 99.74 97.45 99.74 97.45 99.74 97.45 99.74 97.21 97.45 99.74 99.74 99.7	97.50 100.33 101.54 95.77 92.89 95.77 93.42 96.30 98.46 100.04 99.03 101.86 93.71 98.72 101.92 100.95 101.73 99.22 99.74 100.95 98.63 94.43 96.82 106.95 98.78 90.64 94.89 91.21 94.99 92.49 94.88 88.15 94.14	3 100.00 100.	0.00	111.70 129.82 42 111.15 58 115.61 67 106.31 67 106.31 67 106.32 42 100.14 44 101.36 30 102.06 79 104.83 94 105.23 22 106.23 26 111.64 44 105.90 15 90.05 110.11 287 110.16 442 102.00 441 107.54 222 111.77 05 103.64
Tobacco products	92.89 97.72 93.42 96.32 98.46 100.04 99.03 101.86 93.71 98.72 100.95 101.73 99.22 99.74 100.95 98.67 96.45 98.35 94.43 96.82 106.95 98.76 90.64 94.99 91.21 94.99 93.97 98.44 97.09 99.26 92.49 94.68	2 100.00 4 100.00 5 100.00 2 100.00 3 100.00 8 100.00 8 100.00 7 100.00 9 100.00 9 100.00 10	0.00 107.4 10.00 107.4 103.6 0.00 103.6 0.00 105.4 0.00 105.4 0.00 104.7 0.00 104.7 0.00 104.2 0.00 104.2	111.15.66 115.61 157 106.33 108.27 122 100.14 144 101.38 105.23 105.23 105.23 105.23 105.23 105.23 105.23 105.23 110.11 187 110.11 187
Tobacco products	93.42 96.33 98.46 100.04 99.03 101.86 93.71 98.72 101.92 100.95 102.76 100.95 101.73 99.22 99.74 97.35 98.67 96.45 98.35 94.43 96.82 106.95 98.78 90.64 94.86 91.21 94.99 92.49 94.68 88.15 94.66	0 100.00 4 100.00 5 100.00 5 100.00 6 100.00 6 100.00 8 100.00 8 100.00 9 100.00	0.00	88 115.616 108.32 108.32 108.32 109.144 101.33 101.32 1
Tobacco products	99.03 101.86 93.71 93.77 101.92 100.95 103.04 102.78 100.95 101.73 99.22 99.74 97.35 98.67 96.45 98.33 94.43 96.82 106.95 98.76 90.64 94.80 91.21 94.99 91.21 93.97 98.44 97.09 99.26 92.49 94.68 88.15 94.14	5 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	0.00	30
Tobacco products	93.71 98.72 101.92 100.95 103.04 102.76 100.95 101.73 99.22 99.74 97.35 98.67 96.45 98.35 94.43 96.82 106.95 98.76 90.64 94.98 91.21 94.96 93.97 98.44 97.09 99.26 92.49 94.68 88.15 94.14	2 100.00 100.00 100.00 3 100.00 4 100.00 7 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	0.00	42 100.14 44 101.36 30 102.06 79 104.83 94 105.23 22 110.41 87 105.90 25 110.11 87 110.16 42 102.00 41 107.54 22 111.77 05 103.64
Apparel and other textile products	103.04 102.75 101.75 109.55 197.35 98.67 96.45 98.35 94.43 96.82 106.95 98.76 99.24 99.39 12.1 93.97 98.44 97.09 99.24 94.65 88.15 94.14	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	0.00 101.8 1.00 104.7 102.9 1.00 105.2 1.00 104.2 1.00 104.2 1.00 104.4 1.00 104.2 1.00 10	80 102.06 79 104.83 94 105.22 22 106.23 26 111.64 444 105.90 15 90.05 25 110.11 102.00 441 107.54 103.64
Printing and publishing	100.95 101.73 99.22 99.74 99.735 98.67 96.45 98.35 94.43 96.82 106.95 98.78 90.64 94.9 91.21 94.9 93.97 98.44 97.09 99.26 92.49 94.58 88.15 94.14	3 100.00 1 100.00 7 100.00 1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 1 100.00 1 100.00	0.00 104.7 102.9 0.00 105.2 0.00 104.2 0.00 104.4 100.1 0.00 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 104.8 105.8 106.8 10	79 104.83 94 105.23 22 106.23 226 111.64 105.90 90.05 25 110.11 102.00 41 107.54 22 111.77 05 103.64
Chemicals and allied products 85.47 89.57 91.92 93.47 92.60 94.26 94.47	97.35 98.67 96.45 98.38 94.43 96.82 106.95 98.78 90.64 94.80 91.21 94.91 93.97 98.44 97.09 99.22 92.49 94.66 88.15 94.14	7 100.00 100.00 2 100.00 3 100.00 100.00 100.00 4 100.00 3 100.00 3 100.00	0.00	22 106.23 26 111.64 44 105.90 15 90.05 25 110.11 87 110.16 42 102.00 41 107.54 22 111.77 05 103.64
Rubber and miscellaneous plastics products 67.35 70.90 73.78 76.15 75.57 81.24 86.74	96.45 98.35 94.43 96.82 106.95 98.78 90.64 94.96 91.21 94.95 93.97 98.44 97.09 99.26 92.49 94.63 88.15 94.14	100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00 100.00	0.00 104.2 0.00 104.4 0.00 100.1 0.00 104.8 0.00 101.4 0.00 105.2 0.00 101.0	26 111.64 44 105.90 15 90.05 25 110.11 87 110.16 42 102.00 41 107.54 22 111.77 05 103.64
Leather and leather products 123.70 121.27 116.64 109.10 99.57 112.71 111.90	90.64 91.21 93.97 97.09 92.49 94.65 97.09 92.49 94.65 88.15	3 100.00 100.00 100.00 100.00 100.00 3 100.00	0.00 100.1 0.00 104.2 0.00 104.8 0.00 101.4 0.00 105.2 0.00 101.0	15 90.05 25 110.11 87 110.16 42 102.00 41 107.54 22 111.77 05 103.64
Transportation and public utilities 70.10 74.54 77.43 79.28 80.99 84.15 86.83	91.21 94.95 93.97 98.44 97.09 99.26 92.49 94.63 88.15 94.14	100.00 100.00 100.00 100.00	0.00 104.8 0.00 101.4 0.00 104.4 0.00 105.2 0.00 101.0	87 110.16 42 102.00 41 107.54 22 111.77 05 103.64
Fransportation	91.21 94.95 93.97 98.44 97.09 99.26 92.49 94.63 88.15 94.14	100.00 100.00 100.00 100.00	0.00 104.8 0.00 101.4 0.00 104.4 0.00 105.2 0.00 101.0	87 110.16 42 102.00 41 107.54 22 111.77 05 103.64
Local and interurban passenger transit 88.38 88.56 94.12 96.64 94.43 93.23 94.94	97.09 99.28 92.49 94.63 88.15 94.14	3 100.00 3 100.00	0.00 104.4 0.00 105.2 0.00 101.0	41 107.54 22 111.77 05 103.64
40 Trucking and warehousing 60.64 67.90 70.84 74.54 76.33 82.58 85.76 41 Water transportation 75.87 80.42 81.46 83.66 83.86 83.95 86.26 42 Transportation by air 70.56 74.93 77.38 79.96 77.78 80.62 82.97 43 Pipelines, except natural gas 113.63 114.05 108.57 131.70 106.17 106.53 103.78 44 Transportation services 58.68 64.03 70.18 75.43 73.11 76.07 79.91 45 Communications 62.77 65.46 67.25 68.97 71.06 74.60 78.27 46 Telephone and telegraph 58.43 60.89 62.69 64.97 67.56 71.03 75.73 47 Radio and television 80.10 83.71 85.37 84.42 88.25 87.69 48 Electric, gas, and sanitary services 81.65 86.43 9	92.49 94.63 88.15 94.14	3 100.00	0.00 105.2 0.00 101.0	22 111.77 05 103.64
42 Transportation by air 70.56 74.93 77.38 79.96 77.78 80.62 82.97 43 Pipelines, except natural gas 113.63 114.05 108.57 131.70 106.17 106.33 103.78 44 Transportation services 58.68 64.03 70.18 75.43 73.11 76.07 79.91 45 Communications 62.77 65.46 67.25 68.97 71.06 74.60 78.27 46 Telephone and telegraph 58.43 60.89 62.69 64.97 67.56 71.03 75.73 47 Radio and television 80.10 83.71 85.37 84.53 84.42 88.25 87.69 48 Electric, gas, and sanitary services 81.65 86.43 90.57 90.07 94.36 95.91 97.67 49 Wholesale trade 67.62 71.67 74.61 76.13 76.52 80.47 84.81		41 100.00		
43 Pipelines, except natural gas 113.63 114.05 108.57 131.70 106.17 106.53 103.78 44 Transportation services 58.68 64.03 70.18 75.43 73.11 76.07 79.91 45 Communications 62.77 65.46 67.25 68.97 71.06 74.60 78.27 46 Telephone and telegraph 58.43 60.89 62.69 64.97 67.56 71.03 75.73 47 Radio and television 80.10 83.71 85.37 84.53 84.42 88.25 87.69 48 Electric, gas, and sanitary services 81.65 86.43 90.57 90.07 94.36 95.91 97.67 49 Wholesale trade 67.62 71.67 74.61 76.13 76.52 80.47 84.81	00.411 20.01	1 100.00		97 111.00
45 Communications 62.77 65.46 67.25 68.97 71.06 74.60 78.27 46 Telephone and telegraph 58.43 60.89 62.69 64.97 67.56 71.03 75.73 47 Radio and television 80.10 83.71 83.71 83.73 84.53 84.42 88.25 87.69 48 Electric, gas, and sanitary services 81.65 86.43 90.57 90.07 94.36 95.91 97.67 49 Wholesale trade 67.62 71.67 74.61 76.13 76.52 80.47 84.81	102.47 99.86	100.00	0.00 104.1	19 99.80
46 Telephone and telegraph 58.43 60.89 62.69 64.97 67.56 71.03 75.73 47 Radio and television 80.10 83.71 85.37 84.53 84.42 88.25 87.69 48 Electric, gas, and sanitary services 81.65 86.43 90.57 90.07 94.36 95.91 97.67 49 Wholesale trade 67.62 71.67 74.61 76.13 76.52 80.47 84.81	86.84 95.26 82.95 90.36			
48 Electric, gas, and sanitary services	80.96 88.77	7 100.00	0.00 108.6	65 123.78
49 Wholesale trade	90.23 96.06 98.00 99.27		0.00 102.3 0.00 100.3	
50 Retail trade 75.06 70.52 91.22 92.20 81.15 92.55 97.44	89.96 95.17	7 100.00	0.00 106.6	64 114.55
00 10tali add	92.49 95.66	100.00	0.00 104.3	32 110.42
51 Finance, insurance, and real estate	91.88 95.32			
52 Depository institutions 87.60 88.10 91.10 92.52 91.87 90.62 95.86 53 Nondepository institutions 43.65 47.29 49.33 52.14 50.91 49.68 58.69	96.12 98.72 69.53 82.05			
54 Security and commodity brokers	65.49 81.36	100.00	0.00 125.4	48 161.36
55 Insurance carriers 97.06 105.75 101.46 103.60 111.40 91.69 106.82 56 Insurance agents, brokers, and service 118.64 114.20 111.32 117.56 114.04 105.35 99.35	101.43 102.82 103.46 102.70			
57 Real estate	93.39 95.12	2 100.00	0.00 102.8	84 106.64
58 Nonfarm housing services 82.91 85.40 87.63 89.78 91.65 92.75 94.04 59 Other real estate 59.77 70.13 73.05 78.12 75.47 81.96 83.95	96.72 98.88 88.63 89.73			
60 Holding and other investment offices	109.69 116.69			
61 Services	90.40 94.86			
62 Hotels and other lodging places	93.05 96.31 95.14 99.18			
64 Business services	81.59 89.78	8 100.00	0.00 111.0	01 127.13
65 Auto repair, services, and parking	90.25 94.56 93.59 101.17			
67 Motion pictures	95.48 99.00	0 100.00	0.00 101.9	93 105.77
68 Amusement and recreation services	85.82 93.58 95.46 97.58			
70 Legal services	98.27 96.42	2 100.00	0.00 102.6	65 105.82
71 Educational services	93.67 96.85 89.55 96.10			
73 Membership organizations 72.81 75.22 77.06 81.35 83.28 86.93 89.22	94.37 95.29	5 100.00	0.00 98.2	28 101,7
74 Other services 69.24 74.83 82.09 84.24 82.08 82.23 83.96 75 Private households 84.87 88.61 92.57 94.90 87.41 93.96 97.09	86.51 92.62 98.45 101.87			
76 Government 90.48 92.75 95.02 97.40 97.85 98.01 98.57	99.15 99.46	1	1	
77 Federal 106.18 107.75 110.32 109.73 108.17 106.65	104.67 101.4 3 106.11 102.43			
78 General government 108.90 110.20 111.50 113.49 114.14 111.72 109.47 79 Government enterprises 89.94 90.10 92.70 97.62 92.18 93.91 95.28				
80 State and local 83.37 86.23 88.84 91.13 92.09 93.08 94.65 81 General government 83.44 86.29 88.94 91.58 92.63 93.96 95.20	106.11 102.42 98.87 97.43		0.00 1040	98 103.98
82 Government enterprises				

Table 11.—Chain-Type Price Indexes for Gross Output by Industry, 1987–98 [1996=100]

Part industries			,	[1996=	100]									
## Private inclusives 73.72	Line		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Agriculture, forestry, and freshing	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
Farm	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
## Farm	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
Maring	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
## Affelf min'ray ## Control c	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
Columbrid								89.49						86.94 82.61
Normaliai Certamia, except luths	8	Coal mining	123.32	118.37				112.97	106.83			100.00	98.36	95.23
Construction		Oil and gas extraction												83.74 100.43
Montestacring									1					
Durative groots		Construction	! !		1	85.81	87.03	87.78	90.72	93.86	97.61	100.00		105.96
Lumber and wood process														95.98 94.56
Some, cay, and gines products	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
Printy Fresh Indiantes		Furniture and fixtures												102.47 102.99
Bridgerial machinery and equipment	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
Electronic and other electric Goupment 330.51 330.61 331.6														102.06 87.13
Comment Comm	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
Norderable popols	21													98.18 101.57
Norderable popols	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
Territor mill products	24 25	Miscellaneous manufacturing industries												101.69 97.76
Territor mill products	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
Apparel and offer textile products	27 28													118.28 99.43
Printing and publishing	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
Chemicals and allied products	31	Paper and allied products												98.18 104.61
Section Part	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
Section Part	33 34	Petroleum and coal products												75.60 99.29
Transportation 1285 10273 10140 101.08 98.00 96.00 97.00 98.00 97.00 100.00 100.00 101.49 101.08 102.08 102.08 102.08 100.00 100.09 100.00 101.49 101.08 102.08 10	35				88.75									101.02
Responder Resp	36	Transportation and public utilities					93.96		97.08		98.66	100.00		101.28
200 Color	37	Transportation												102.80 101.91
Water fransportation	39		72.44	77.35	77.75	81.38	86.77	89.83	90.96	92.10	95.06	100.00	99.71	99.00
42 Transportation by air 91.32 96.19 98.98 97.05 100.56 100.55 100.00 100.00 100.04 101 101 101 102.05 100.00 100.04 101 101 102.05 100.00 100.04 101 101 102.05 100.00 100.04 101	40													102.92 102.18
44 Transportation services	42	Transportation by air	91.32	96.19	96.98	97.05	100.65	99.23	102.86	100.45	102.50		103.04	104.64
45 Communications 91.22 91.76 92.72 94.26 95.43 96.21 97.55 99.34 99.83 100.00 100.99 1 66 T100.05 99.10 99.38 99.39 100.22 100.22 100.55 100.00 99.55 9 97.7 84 100.00 100.05 99.38 99.39 99.39 100.22 100.22 100.55 100.00 100.05 91.7 84 100.00 100.05 91.7 91.7 91.7 91.7 91.7 91.7 91.7 91.7	43	Pipelines, except natural gas												95.35 101.88
Radio and television	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
## Electric, gas, and sanitary services		Telephone and telegraph					100.22							97.23 112.17
Retail trade		Electric, gas, and sanitary services												99.89
Finance insurance, and real estate	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
Depository institutions	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
Mondepository institutions		Finance, insurance, and real estate				81.52				93.35		100.00	103.64	105.29
Figure F	52 53	Depository institutions Nondepository institutions				73.34								110.17 100.11
Figure F	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
57 Real estate* 77.50 79.93 88.35 86.67 89.33 90.46 92.94 91.44 97.49 100.00 102.94 10 58 Nonfarm housing services 77.12 80.59 89.34 91.68 94.06 96.06 100.00 102.88 10 60 Cher real estate 83.24 84.05 86.99 89.34 91.68 94.09 96.66 98.14 100.00 102.33 10 60 Holding and other investment offices 60.36 66.64 68.79 73.53 75.16 82.11 85.85 87.19 93.78 100.00 102.267 61 Services 71.51 75.08 78.49 82.37 86.11 89.51 92.12 94.55 97.55 100.00 102.67 10 61 Services 73.48 76.31 81.90 84.98 89.19 91.03 93.99 95.95 98.03 100.00 102.54 10 61 Business services<	55 56	Insurance carriers												107.96 106.74
Cher real estate 83.24 84.05 87.87 90.42 93.13 92.21 94.90 96.66 98.14 100.00 103.03 10	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
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 11	58	Other real estate												106.10 104.79
62 Hotels and other lodging places 73.96 78.15 81.90 84.96 89.19 91.03 93.59 95.94 98.03 100.00 105.15 11 63 Personal services 73.48 76.31 80.01 83.88 87.44 89.66 92.39 95.15 97.97 100.00 103.12 10 64 Business 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 10 66 Miscellaneous repair services 75.26 77.47 78.84 81.51 84.19 88.36 90.90 93.97 95.86 100.00 102.246 10 67 Moltion pictures 72.66 75.54 80.18 84.51 88.48 89.45 90.29 92.97 95.86 100.00 102.241 10 68 Amusement and recreation services 73.14 76.24 79.39 83.14 86.88 89.45 90.29 92.97 95.86 100.00 102.64 10 69 Health services	60	Holding and other investment offices												118.13
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 11 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 10 65 Business services 82.31 84.85 86.38 89.23 91.47 93.45 94.72 95.35 97.97 100.00 101.81 10 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 10 66 Miscellaneous repair services 75.26 77.47 81.23 84.75 87.88 90.30 93.09 95.56 98.50 100.00 102.46 10 66 Miscellaneous repair services 75.26 77.47 81.23 84.75 87.88 90.30 93.09 95.56 98.50 100.00 102.46 10 68 Miscellaneous repair services 72.66 75.54 80.18 84.51 88.48 89.45 90.29 92.97 95.86 100.00 102.46 10 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 10 69 Health services 64.66 68.78 73.45 78.22 82.88 87.26 91.19 94.70 97.85 100.00 102.64 10 10 10 10 10 10 10 10 10 10 10 10 10		Services												105.27
64 Business services 82.31 84.85 36.38 89.23 91.47 93.45 94.72 95.35 97.97 100.00 101.81 10 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 10 66 Miscellaneous repair services 75.26 77.47 78.84 81.51 84.19 88.36 92.90 94.37 96.13 100.00 102.26 10 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 10 68 Amusement and recreation services 73.14 76.24 79.39 83.14 86.88 87.78 91.04 93.89 96.77 100.00 102.41 10 69 Health services 66.02 68.80 72.79 78.17 82.76 86.84 90.94 99.47 <t< td=""><td>62 63 </td><td>Hotels and other lodging places</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>113.80 104.99</td></t<>	62 63	Hotels and other lodging places												113.80 104.99
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 10 67 Motion pictures 72.66 75.54 80.18 84.51 88.48 89.45 90.29 92.97 95.86 100.00 102.64 10 68 Amusement and recreation services 73.14 76.24 79.39 83.14 86.88 88.79 91.04 93.89 96.77 100.00 102.64 10 69 Health services 66.02 68.80 72.79 78.17 82.76 86.84 90.58 93.63 96.63 100.00 102.64 10 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 10 71 Educational services 70.88 74.70 78.50 82.33 85.84 88.70 91.00 93.77 96.54	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
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 10 68 Amusement and recreation services 73.14 76.24 79.39 83.14 86.88 89.78 91.04 93.89 96.77 100.00 102.64 10 69 Health services 64.46 68.78 73.45 78.22 82.88 87.26 91.19 94.70 78.55 100.00 102.64 10 70 Legal services 66.02 68.80 72.79 78.17 82.76 86.84 90.53 93.63 96.63 100.00 102.32 10 71 Educational services 70.88 74.70 78.50 82.33 88.48 79.10 93.77 96.54 100.00 103.21 10 72 Social services 76.05 76.68 82.03 88.69 90.05 92.03 94.24 97.11 100.00 103.21 10 </td <td>65 66</td> <td>Auto repair, services, and parking</td> <td></td> <td>104.42 104.97</td>	65 66	Auto repair, services, and parking												104.42 104.97
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 10 70 Legal services 66.02 68.80 72.79 78.17 82.78 86.84 90.53 93.63 96.63 100.00 104.05 10 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 10 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 10 73 Membership organizations 75.79 78.0 82.79 84.63 87.13 89.49 91.54 92.89 96.87 100.00 103.39 10 74 Other services 71.45 75.33 77.71 81.47 85.16 90.16 91.56 93.84 97.59 100.00 103.39 10 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 10 76 Government 71.10 74.05 77.09 80.55 84.98 88.26 91.36 94.23 97.19 100.00 102.25 10 77 Federal 70.53 73.78 76.48 78.51 84.01 87.53 90.18 92.67 96.65 100.00 102.05 10 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 10 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 9 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 10 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 10	67	Motion pictures	72.66	75.54	80.18	84.51	88.48	89.45	90.29	92.97	95.86		102.41	104.06
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 10 71 Educational services 72.85 74.70 78.50 82.33 88.64 90.58 93.63 96.63 100.00 103.21 10 72 Social services 72.39 76.05 79.68 83.20 86.89 90.05 92.03 94.24 97.11 100.00 103.21 10 73 Membership organizations 75.79 79.80 82.79 84.63 87.13 89.49 91.54 92.89 96.87 100.00 103.29 10 74 Other services 71.45 75.33 77.71 81.47 85.16 90.16 91.56 93.84 97.59 100.00 102.25 10 75 Private households 75.64 78.13 80.27 82.30 86.96 89.78 92.10 93.84 97.18 100.00 102.25		Amusement and recreation services												105.08 104.62
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 10 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 10 74 Other services 71.45 75.33 77.71 81.47 85.16 90.16 91.56 93.84 97.59 100.00 103.39 10 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 10 76 Government 71.10 74.05 77.09 80.55 84.98 88.26 91.36 94.23 97.19 100.00 102.25 10 77 Federal 70.53 73.78 76.48 78.51 84.98 88.26 91.36 92.67 96.65 100.00 101.66	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
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 10 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 10 75 Private households 75.64 78.13 80.27 82.90 86.96 89.78 92.10 93.84 97.19 100.00 102.55 10 76 Government 71.10 74.05 77.09 80.55 84.98 88.26 91.36 94.23 97.19 100.00 102.25 10 77 Federal 70.53 73.78 76.48 78.51 84.01 87.53 90.18 92.67 96.65 100.00 102.07 10.66 10 78 General government 70.53 73.78 76.48 78.28 82.76 86.68 89.78 92.67 96.85 100.	71													106.42 105.81
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 10 76 Government 71.10 74.05 77.09 80.55 84.98 88.26 91.36 94.23 97.19 100.00 102.25 10 77 Federal 70.53 73.78 76.48 78.51 84.01 87.53 90.18 92.67 96.65 100.00 101.66 10 78 General government 92.76 93.89 92.76 95.89 100.00 102.07 10 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 9 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 10 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 10	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
76 Government 71.10 74.05 77.09 80.55 84.98 88.26 91.36 94.23 97.19 100.00 102.25 10 77 Federal 70.53 73.78 76.48 78.51 84.91 87.53 90.18 92.67 96.65 100.00 102.05 10 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 10 100.00 102.07 10<	74 75	Utner services												105.31 105.45
77 Federal 70.53 73.78 76.48 78.51 84.01 87.53 90.18 92.67 96.65 100.00 101.66 10 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 10 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 9 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 10 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 10			1	l	1	1	- 1		- 1		i	ļ	ì	
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 10 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 9 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 10 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 10	1		1	1	1	1	- 1	1	1	- 1	1	į.		104.70
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 9 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 10 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 10		Federal												103.06 103.88
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 10 General government 71.65 74.45 77.68 82.09 85.86 88.80 92.04 95.13 97.64 100.00 102.53 10		Government enterprises												99.84
81 General government		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
02 Coveriment enterprises	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
	62	Government enterprises	09.84	12.39	/5./3	79.49	63.40	07.50	91.58	94.52	30.00	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 industrice	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	All industries	73.50	76.65	78.86	80.77		82.78	87.00	91.12	95.42	100.00	105.49	112.00
3	Private industries					79.68				1	i		
4	Agriculture, forestry, and fishingFarms	81.47 85.16	83.97 86.24	85.67 87.27	87.89 89.74	88.27 90.49	89.71 91.09	91.46 94.15	97.28 97.94	100.52 101.42	100.00 100.00	103.80 103.18	107.19 105.25
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 7	Mining	97.59 60.67	82.77 78.42	96.82 102.18	99.29 102.93	106.65 90.04	111.57 95.43	105.36 94.19	100.70 102.70	92.85 101.42	100.00 100.00	99.63 102.74	88.30 92.71
8	Coal mining	99.02 105.30	102.14 71.98	109.96 89.05	118.90 89.41	114.69 108.62	109.18 117.97	99.58 110.09	106.19 98.81	101.75 85.55	100.00 100.00	101.25 99.31	99.86 82.93
1Ŏ	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 14	Durable goods Lumber and wood products	70.53 83.98	73.27 83.23	74.60 81.39	73.80 82.43	71.10 76.45	76.77 87.36	80.65 91.08	87.00 95.66	92.99 94.77	100.00 100.00	109.81 101.43	119.81 101.62
15 16	Furniture and fixtures Stone, clay, and glass products	84.00 96.64	83.79 96.22	85.31 91.17	85.41 88.93	79.50 82.36	85.87 81.46	88.01 86.11	93.67 87.12	97.37 90.09	100.00 100.00	109.06 104.34	117.25 108.59
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 19	Fabricated metal products	86.36 49.26	87.61 52.25	87.27 53.94	86.63 53.23	84.19 52.81	88.81 55.83	91.73 64.19	94.20 75.14	96.07 87.40	100.00 100.00	104.04 112.67	112.94 128.48
20 21	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
22	Motor vehicles and equipment	70.71 106.47	75.01 114.82	80.95 113.68	74.92 123.42	71.04 114.83	78.02 119.03	81.99 111.68	93.71 101.55	95.98 94.92	100.00 100.00	105.09 117.94	110.95 140.44
23	Instruments and related products	72.55 84.62	70.26 84.39	75.22	76.93	79.35	81.42	86.85	89.55 91.70	97.76	100.00	115.91	122.52 124.12
23 24 25	Miscellaneous manufacturing industries	87.83	90.06	80.20 92.49	83.68 93.08	83.73 93.81	86.78 95.98	93.15 97.25	99.16	94.57 99.81	100.00 100.00	119.06 105.71	111.65
26	Food and kindred products	87.23 75.01	88.27 81.81	93.10 86.66	92.54 98.07	94.38 103.75	97.30 114.77	98.78 92.87	100.55 94.03	98.28 94.59	100.00 100.00	103.75 110.31	113.00 115.73
27 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 30	Apparel and other textile products Paper and allied products	99.41 86.68	95.84 89.26	88.94 92.93	90.12 92.58	90.72 91.92	93.93 94.08	97.09 91.56	101.68 96.74	102.13	100.00 100.00	104.82 105.02	107.86 107.83
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 33	Chemicals and allied products Petroleum and coal products	90.58 92.95	97.22 95.63	100.87 97.04	99.76 99.73	99.21 105.27	100.35 100.92	101.07 100.53	99.39 103.00	100.44 100.56	100.00 100.00	106.76 108.74	113.07 119.89
34 35	Rubber and miscellaneous plastics products	71.52 124.16	75.15 117.75	76.12 107.08	80.36 95.53	78.18 77.38	83.76 102.82	88.68 108.54	96.50 94.08	97.91 75.24	100.00 100.00	102.55 94.56	104.88 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 39	Railroad transportation	68.09 80.28	71.59 87.52	94.29 90.37	93.01 98.59	78.71 96.25	87.23 94.03	88.00 95.61	93.23 99.06	100.69	100.00 100.00	105.81 97.47	109.21 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 42	Water transportation	80.99 110.22	88.46 110.09	84.77 109.31	83.73 102.92	82.42 101.62	83.44 99.30	86.17 99.14	85.57 95.24	94.95	100.00	96.63 104.90	100.69 112.21
43 44	Pipelines, except natural gas	56.60 32.02	116.00 49.90	92.02 62.27	217.41 73.82	99.80 64.06	113.90 75.17	98.72 80.67	118.25 88.60	133.68 104.76	100.00 100.00	84.97 118.42	45.24 128.90
45	Transportation services	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 47	Telephone and telegraphRadio and television	51.60 120.06	52.61 119.25	55.58 109.41	54.62 100.81	57.78 88.80	62.22 90.33	64.35 81.47	71.73 80.26	86.80 73.70	100.00 100.00	96.77 110.57	117.94 130.48
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 52	Finance, insurance, and real estate	66.86 77.03	71.04 81.10	72.92 78.93	78.22 72.27	78.88 68.13	75.56 75.07	84.42 93.12	88.49 99.54	92.43 94.39	100.00 100.00	108.00 107.64	113.51 116.32
53 54	Nondepository institutions	35.63	39.18	36.78	43.26	43.15	34.56	41.17	65.59	80.23	100.00	110.62	84.30 218.16
55	Security and commodity brokers	41.47 102.08	30.28 108.26	40.35 106.98	37.89 111.93	66.39 111.19	55.66 85.42	64.04 106.78	56.26 99.60	100.24 100.66	100.00 100.00	143.44 110.88	99.57
56 57	Insurance agents, brokers, and service	91.51 60.78	80.12 67.65	88.07 70.43	102.87 79.21	93.62 77.79	88.00 80.74	90.73 84.26	99.72 89.96	103.71 89.12	100.00	110.22 101.23	131.82 105.88
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 60	Other real estate	50.79 68.36	59.62 78.84	63.81 80.99	73.49 86.31	71.96 88.03	77.57 91.56	79.27 95.64	87.31 93.12	86.37 95.35	100.00 100.00	99.72 105.74	102.57 114.13
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 64	Personal services Business services	57.67 31.88	61.91 40.22	73.76 47.87	75.45 54.01	70.03 57.67	82.54 58.26	82.10 64.94	88.24 72.86	96.65 86.00	100.00	104.02 109.14	111.96
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 67 68	Miscellaneous repair services	59.32 64.29	62.26 73.42	65.12 70.12	72.14 78.62	71.69 81.80	81.08 86.21	77.82 89.18	90.02 101.16	99.90 101.33	100.00 100.00	111.54 103.22	123.11 105.52
68 69	Amusement and recreation services	41.47 60.08	49.07 68.28	51.05 71.61	57.01 77.30	55.77 81.97	60.98 89.08	76.27 93.56	80.98 95.48	91.69 99.10	100.00 100.00	103.46 105.26	103.95 111.62
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 72	Educational services Social services	65.67 59.33	70.66 71.31	75.64 74.45	80.73 79.99	80.20 75.48	83.79 74.20	85.88 78.94	88.67 84.05	92.02 93.04	100.00 100.00	103.55 111.69	103.20
73 74	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 75	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
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 78	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 79	General government	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 82	General government	71.21	72.84	74.24	75.03	80.20	82.63	90.37	96.98	99.34	100.00	102.53	109.10
		L	1	L , ,,,,,,,,		1	1 02.00	1		1 55.04			1.00.10

Table 13.—Chain-Type Price Indexes for Intermediate Inputs by Industry, 1987–98 [1996=100]

			{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 5	Farms	78.24 73.59	84.21 79.11	88.75 82.78	90.32 83.58	90.84 84.65	90.44 85.82	92.75 89.43	93.77 92.29	94.27 95.76	100.00 100.00	102.67 99.84	97.70 96.24
													92.37
6 7	Mining	80.42 82.12	80.03 87.83	84.16 90.91	89.70 92.95	87.29 91.13	87.70 90.36	92.05 91.42	89.26 95.06	88.46 98.77	100.00 100.00	102.05 99.29	94.92
8 9	Coal mining	89.53	90.24	92.59	95.74	96.23 82.74	96.26 83.42	96.09 90.11	96.95 84.40	98.46 81.31	100.00 100.00	100.42 103.27	98.18 88.76
10	Nonmetallic minerals, except fuels	76.12 80.52	74.04 82.74	79.38 86.36	86.96 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 15	Lumber and wood products	69.84 79.34	73.28 83.40	76.56 86.10	78.65 87.81	79.17 88.65	85.42 90.13	97.56 93.08	100.33 95.74	100.11 99.81	100.00 100.00	103.15 100.76	100.38 100.28
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 18	Primary metal industries	82.42 81.64	92.88 87.80	96.23 91.12	94.31 91.61	90.78 90.83	89.78 90.51	88.81 91.21	94.41 94.39	103.13 101.10	100.00 100.00	100.91 100.82	95.66 99.38
19	Fabricated metal productsIndustrial 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 21	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 22	Motor vehicles and equipment Other transportation equipment	88.56 81.30	91.57 84.47	94.03 87.13	95.67 89.33	96.53 91.44	96.82 93.05	97.65 94.67	99.08 96.55	100.99 99.37	100.00 100.00	99.13 100.87	97.37 100.70
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
22 23 24 25 26 27 28	Miscellaneous manufacturing industries	81.08 80.62	86.48 83.70	89.60 87.97	91.20 91.46	90.72 89.64	91.13 89.33	91.99 90.00	94.47 91.02	99.72 97.41	100.00 100.00	100.27 98.98	99.10 93.06
26	Food and kindred products		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 84.43	82.08 88.12	85.82 90.75	88.60 93.10	91.39 93.31	91.83 93.34	92.89 93.69	94.68 96.07	98.99 100.37	100.00 100.00	100.59 98.56	101.32 96.95
29 30	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 32	Printing and publishing	79.68 76.14	84.39 80.62	87.86 84.33	89.57 86.27	90.12 87.34	90.03 87.79	90.70 89.09	92.11 91.87	101.31 98.12	100.00 100.00	99.20 101.28	99.72 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 35	Rubber and miscellaneous plastics products Leather and leather products	80.13 81.99	86.94 87.62	89.28 90.49	89.36 93.99	89.53 91.54	89.51 91.61	90.89 93.56	93.22 97.63	101.37 102.63	100.00	100.65 101.93	97.64 96.89
	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
36 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 39	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
40	Local and interurban passenger transit Trucking and warehousing	79.36 80.99	81.80 81.36	86.42 85.79	93.62 91.67	92.68 91.15	92.06 91.39	92.72 92.70	94.17 94.22	95.95 96.47	100.00	98.98 100.58	90.93 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 43	Transportation by air	80.62 80.62	81.74 82.21	86.85 85.03	95.47 88.14	94.90 89.75	94.24 91.02	94.77 92.78	94.21 95.02	95.36 97.55	100.00 100.00	100.18 100.40	92.94 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 46	Communications	85.71 91.02	87.45 91.91	90.28 93.90	92.11 94.61	94.26 95.97	95.10 96.49	96.58 97.73	98.22 99.24	99.56 100.25	100.00 100.00	100.51 99.92	99.79 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 52	Finance, insurance, and real estate Depository institutions	73.87 75.86	76.78 78.35	80.04 80.82	82.97 83.31	85.51 85.96	87.93 88.22	91.27 90.81	93.77 93.64	97.22 97.31	100.00 100.00	104.08 102.75	107.18 105.21
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 55	Security and commodity brokers Insurance carriers	81.33 62.25	84.12 66.15	87.17 70.90	88.69 75.12	90.53 76.68	92.62 81.57	95.21 88.57	97.10 92.21	98.98 96.71	100.00 100.00	101.51 103.24	102.43 105.84
53 54 55 56 57	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 58	Real estate	77.59 77.95	80.08 80.25	82.87 83.38	85.42 85.70	88.45 89.60	89.86 89.84	92.08 92.42	94.02 94.78	97.16 97.07	100.00 100.00	105.45 103.81	109.42 106.19
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 63	Hotels and other lodging places Personal services	78.10 78.46	80.92 80.86	83.80 83.98	86.55 86.99	88.55 89.43	90.10 90.72	92.18 92.69	94.34 94.83	97.34 97.66	100.00 100.00	102.59 102.36	104.52 103.53
63 64 65	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 66	Auto repair, services, and parking	80.20 89.31	82.62 92.29	86.17 94.20	89.94 94.94	91.40 95.62	92.09 95.51	93.90 96.70	95.71 98.04	98.09 99.68	100.00 100.00	100.89 100.28	100.20 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 70	Health servicesLegal services	77.74 77.90	80.72 80.39	83.99 83.75	86.81 86.63	89.51 90.10	91.14 91.23	93.18 93.17	95.17 95.29	98.58 98.08	100.00 100.00	101.39 102.66	101.81 104.33
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 73	Social services Membership organizations	78.27 77.90	81.33 80.92	84.66 84.16	87.60 87.09	89.83 89.52	91.04 90.96	93.00 93.11	94.99 95.09	98.11 98.48	100.00	101.45 101.28	101.66 101.80
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 76	Private households	80.94	82.33	85.36	89.11	89.59	90.78	92.54	93.88	96.00	100.00	101.65	99.82
76 77	Government	1		1	į	92.37		i		1	ĺ		
78	Federal General government	83.31	84.64	87.43	91.84		93.27	93.86	95.04	97.72	100.00	101.05	99.65
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 81	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
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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.783	0.808	0.838	0.871	0.899	0.922	0.946	0.966	0.985	1.000	1.013	1.020
	0.422	0.433	0.447	0.468	0.481	0.496	0.509	0.515	0.522	0.525	0.532	0.543
	0.071	0.071	0.075	0.078	0.085	0.088	0.090	0.092	0.092	0.092	0.090	0.090
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.806	0.880	0.916	0.913	0.848	0.854	0.884	0.873	0.892	1.000	0.906	0.876
	0.195	0.240	0.236	0.252	0.250	0.234	0.267	0.256	0.300	0.305	0.299	0.324
	0.044	0.048	0.046	0.047	0.047	0.045	0.047	0.046	0.053	0.051	0.049	0.050
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.935	0.866	0.944	1.057	0.956	0.916	0.874	0.835	0.847	1.000	1.014	0.838
	0.301	0.267	0.292	0.304	0.325	0.338	0.317	0.300	0.288	0.295	0.297	0.287
	0.104	0.091	0.103	0.110	0.116	0.120	0.113	0.105	0.100	0.108	0.101	0.094
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.788	0.806	0.830	0.856	0.866	0.863	0.892	0.926	0.969	1.000	1.042	1.088
	0.523	0.537	0.556	0.587	0.596	0.586	0.594	0.614	0.645	0.658	0.690	0.726
	0.015	0.016	0.016	0.017	0.019	0.020	0.021	0.022	0.023	0.023	0.024	0.025
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.849	0.875	0.916	0.944	0.979	0.997	1.008	1.014	1.003	1.000	0.994	0.989
	0.583	0.581	0.606	0.626	0.653	0.669	0.672	0.658	0.633	0.625	0.626	0.632
	0.029	0.029	0.031	0.033	0.038	0.040	0.040	0.038	0.037	0.038	0.036	0.037
	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
	0.709	0.693	0.718	0.732	0.761	0.776	0.767	0.744	0.705	0.679	0.659	0.633
	0.021	0.021	0.022	0.023	0.026	0.027	0.026	0.026	0.024	0.025	0.024	0.022
	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
	0.441	0.451	0.477	0.504	0.529	0.547	0.560	0.553	0.542	0.554	0.579	0.624
	0.038	0.038	0.040	0.043	0.052	0.054	0.055	0.053	0.053	0.054	0.055	0.062
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.926	0.937	0.937	0.935	0.954	0.969	0.995	1.009	1.013	1.000	1.019	1.046
	0.417	0.418	0.417	0.422	0.422	0.431	0.434	0.441	0.434	0.428	0.431	0.444
	0.088	0.090	0.092	0.094	0.099	0.102	0.103	0.103	0.103	0.098	0.098	0.101
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.874	0.914	0.914	0.952	0.950	0.932	0.956	0.995	1.036	1.000	0.971	0.924
	0.513	0.524	0.534	0.564	0.545	0.537	0.541	0.541	0.571	0.545	0.526	0.505
	0.190	0.197	0.197	0.207	0.217	0.213	0.223	0.236	0.240	0.224	0.208	0.191
	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
	0.513	0.516	0.525	0.551	0.569	0.584	0.590	0.589	0.596	0.580	0.568	0.561
	0.146	0.144	0.149	0.158	0.165	0.172	0.179	0.183	0.188	0.185	0.181	0.178
	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 Compensation of employees Indirect business tax and nontax liability Property-type income	0.710	0.739	0.773	0.808	0.844	0.879	0.907	0.931	0.967	1.000	1.034	1.042
	0.175	0.183	0.186	0.195	0.199	0.212	0.226	0.231	0.232	0.245	0.253	0.265
	0.099	0.100	0.106	0.112	0.120	0.124	0.128	0.130	0.127	0.129	0.128	0.124
	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 Compensation of employees Indirect business tax and nontax (lability Property-type income	0.669	0.707	0.743	0.787	0.831	0.876	0.908	0.936	0.968	1.000	1.035	1.078
	0.467	0.488	0.515	0.552	0.585	0.618	0.646	0.666	0.696	0.718	0.744	0.779
	0.018	0.019	0.020	0.021	0.023	0.024	0.026	0.028	0.029	0.030	0.031	0.031
	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). 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-

Table 1.—Investment Outlays by Type of Investment and Investor, 1992–99
[Millions of dollars]

	1992	1993	1994	1995	1996	1997	1998 "	1999 <i>p</i>
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 U.S. businesses established	10,616 4,718	21,761 4,468	38,753 6,873	47,179 10,016	68,733 11,196		182,357 32,899	276,489 6,457
By type of investor: Foreign direct investors U.S. affiliates	4,058 11,275	6,720 19,509	13,628 31,999	11,927 45,268	32,230 47,699	13,899 55,809	120,828 94,428	128,569 154,377

P Preliminary.
r Revised.

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

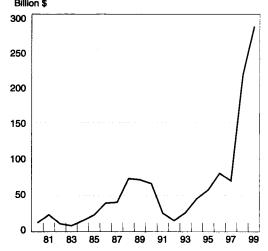
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	1992	1993	1994	1995	1996	1997	1998 *	1999 <i>p</i>
Total outlays \$5 billion or more \$2 billion - \$4.9 billion \$100 million - \$1.9 billion Less than \$100 million	100	100	100	100	100	100	100	100
	0	0	0	(P)	0	0	55	53
	0	(D)	27	18	29	12	11	16
	42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

D Suppressed to avoid disclosure of data of individual companies P Preliminary

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

^{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."

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 world-wide 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.

P Prelimina
P Revised

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).

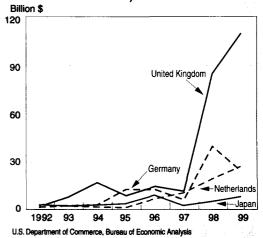
By industry, outlays increased sharply in information, particularly in telecommunications, in finance (except depository institutions) and insurance, and in depository institutions (table 3A). Outlays decreased sharply in manufacturing, primarily because total outlays for 1998 included exceptionally 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 59.)

CHART 2

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



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 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.

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

[Millions of dollars]

	1998 *	1999 <i>P</i>
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	(P)
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	(P)
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.

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).

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 °
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	(P)
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	(P)

D Suppressed to avoid disclosure of data of individual companies

r Revised. NAICS North American Industry Classification System

^{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 bec "Year Temper").

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 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.

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 "	1999 <i>P</i>
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		1	l '	,	1	'		
Hemisphere	1,438	874	1,352	1,550	1,790	924	11,354	34,013
South and Central America	1,152	527	(P)	1,283	(D)	166	920	1,377
Other Western Hemisphere	286	347	(P)	267	(P)	758	10,433	32,636
Africa	(D)	(D)	(P)	(D)	(P)	(P)	212	(P)
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	(P)	(P)
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	(P)	(D)
United States 2	(P)	(D)	201	(D)	(P)	(P)	743	(P)

 $^{^{\}mathbf{D}}$ Suppressed to avoid disclosure of data of individual companies $^{\mathbf{p}}$ Preliminary.

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-

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 <i>p</i>						
	Mil	lions of doll	ars	Thousands		Mil	lions of doll	Thousands of	Number of hectares		
	Total assets	Sales	Net income	of employees	hectares of land owned !	Total assets	Sales	Net income	employees	of land owned 1	
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 4,445 1,355 15,599 11,382 72,579 14,289 6,389 14,618	120,184 7,731 2,443 6,398 1,035 8,005 1,596 3,467 14,044	3,605 180 66 -473 69 971 375 -385 215	288.0 12.2 14.4 30.7 H 14.1 H 31.3 225.7	78,013 172 64 122 43 263 7,789 317 48,166	70,342 1,660 5,317 39,674 119,832 166,239 7,056 5,360 38,915	41,718 4,039 14,150 11,857 10,877 15,480 1,411 5,078 26,000	299 -23 20 89 20 1,975 124 -313 381	211.1 11.6 91.5 49.1 12.6 30.2 6.0 35.8 199.9	84,889 (P) (P) 47 (P) 1,044 3,456 (P) 158,030	

 $^{^{\}mathbf{D}}$ Suppressed to avoid disclosure of data of individual companies $^{\boldsymbol{\rho}}$ Preliminary.

^{1.} For investments in which more than one investor participated, each investor and each investor's outlays are classified by country

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 vestors that are, in turn, ultimately owned by persons located in the United States (see the box "Key Terms").

^{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. only if the new plants are set up as separate legal entities.

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 re

porting year. For newly established businesses, data are projections for the first full year of oper-

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

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

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.

required to file partial reports, which are much shorter than full reports.⁷

^{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>.

^{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. 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.



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.

^{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. fluctuate significantly from year to year.

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		1999,								
	Total		investment	By type o	of investor	Total		investment	By type o	f investor			
	10(23	U.S. businesses acquired	U.S. businesses established	Foreign direct investors	U.S. affiliates	TOTAL	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 1,199	13,237 87	109,880	39,363	74,195 869	73,794	401 (D)	15,065	59,130			
Beverages and tobacco Textiles, apparel, and leather products	1,286 442 594	(P)	(^p)	75 (P) (D)	1,211 (D) (D)	1,501 (P)	1,501 (P)	(*)	e)	869 (D) (D)			
Wood products Paper	594 (P) 3,572	594 (P) (P) (P)	5 (P)	(P) (P) (P)	(⊅) 3,404	(b) 188	(⊅) 188	0) (2)	(p) 188			
Printing and related support activities Petroleum and coal products	1,022 67,658		(P) (P)		(D) (D)	1,773 (P)	1,773 (P)	0	0	188 (P) (P)			
Chemicals Basic chemicals Resins and synthetic rubber, fibers and filaments	3,627 673	3,472 (D) (P) (D)	154 (P)	1,406 (P) (P)	2,220 (D)	5,425 (P)	(P) (P)	(P) 0 (P)	470 0	4,955 (D)			
Pharmaceuticals and medicines	1,489 (P) 829	(D)	(P) (1)	(P) (P) 5	(P)	`85 (P)	85 0	(-)	(P)	(D) (D)			
Other	1,434	828 1,426	1 8	19	823 1,415	731 3,682	731 (P)	0 (P)	(P)				
Nonmetallic mineral products	900 2,986	(D)	(P) (P)	130	896 2,856	2,233 2,948	2,233 2,944	`ó 4	(P)	(D)			
Primary metals Fabricated metal products	2,454 532	(^D) 524	(P) 8	16 113	2,437 419	1,751 1,196	1,747 1,196	4 0	(D) (P)	(D)			
Machinery	5,220 (P)	(D) (A) (D)	(£)	317 (D)	4,903 (D)	14,900 (D)	14,900 (D)	0	(P) (P)	(D)			
Industrial machinery	(A) (B) (B)	(D)	(⊅)	(D) (D) (D)	(P)	9,894	9,894	0	(P)	(P)			
Computer and electronic products Computer and peripheral equipment	17,861 (P) 5,238	(P) (P) 5,238	(2)	(P) (P) (P)	(P) 226 (P)	32,376 258 7,944	32,376 258 7,944	0	4,792 3 (P)	27,584 255			
Communications equipment Audio and video equipment Semiconductors and other electronic components	5,238 5 1,848	1,847	4	90	1,759	7,344 (P) 22,032	7,944 (D) 22,032	ŏ	(6)	255 (D) (D) 728			
Navigational, measuring, and other instruments	1,775 (^D)	(D) (D)	(P)	(P)	(P)	2,005 (P)	2,005 (P)	0	1,277 (P)	728 (P)			
Electrical equipment, appliances, and components	136 37,177	(P) 37,080	(P) 96	(P) 33,606	(^D) 3,570	4,415 2,736	4,415 (^D)	0 (P)	2 (P)	4,413 (D)			
Motor vehicles, bodies and trailers, and parts Other	36,695 482 (P)	36,600 480 (P)	95	(P) (P) (P)	(<u>0</u>)	2,322 414	(Þ) 414	(P)	(P)	414			
Furniture and related products Miscellaneous manufacturing	5,246	5,245	ď	(P)	(D)	889	889	ŏ	(P)	(P)			
Motor vehicles and motor vehicle parts and supplies	3,321 7	2,577 7	744 (°) (b)	(2)	(P) 7	1,030	(P)	(P)	(P)	(P)			
Professional and commercial equipment and supplies Electrical goods Other durable goods	168 0 531	(P) 0 471	0 61	0 35	(^D) 0 497	304 (P) (P)	304 (P)	(P)	(P)	(D)			
Petroleum and petroleum products Other nondurable goods	55 2,559	(^D) 1,895	(^D) 665	35 (P) 634	(^D) 1,925	Ó 415) ó 414	0 2) `ó	` ó 415			
Retail trade	1,153 (^D)	(P) (P)	(P) 0	(P) 0	(D) (D)	4,564 0	4,564 0	0	114 0	4,450			
Other	(P) (P) 13,399	(Þ)	(P)	(^D) 3,194	(Þ) 10,205	4,564 93,475	4,564 93,168	306	79,133	4,450 14,342			
Publishing industries	9,856 36	9,854 36	(1	782	9,074 27	(P)	30,100 (P)	0 3	(P)	8,711			
Broadcasting and telecommunications	2,841 (^D)	2,837 (P) (P) (P)	0	(P)	999	80,073 3,586	(D) 3,586	(P)		60			
Telecommunications Information services and data processing services	667		(P)	(P) (P)	(6)	76,487 (P)	(e)	(A)					
Depository institutions	1,563 21,057	(P) 7,667	(P) 13.390	(P)	(P) 19.640	11,845 47.023	(^D) 46.017	(^D)	(P) 7.227	(P) 39.796			
Finance, except depository institutions	16,348 4,709	(D)	(b)	1,368 48	14,979 4,661	4,129 42,894	3,123 42,894	1,006 0		1,799 37,996			
Real estate and rental and leasing	6,299 6,144	1,790 (D) (D)	4,509 (D) (D)	1,515 (^D)	4,784 (D)	5,689 (P)	1,344 (^D ₂)	4,345 4,345	1,072 (P)	4,617 (D) (D)			
Rental and leasing (except real estate) Professional, scientific, and technical services	155 . 4,289 :	4,240	(D) 50	(⊅) 1,027	(D) 3,263	(Þ) 11,355	(⊅) 11,282	73	(₽) 4,338	7,016			
Architectural, engineering, and related services	104 2,217	104 2,214	0 3	(P) (P)	(P)	(P) 8,896	(D) (D)	0 (P)	2,689	21 6,207			
Management, scientific, and technical consulting Other	15 1,953	(P)	(p) (p)	5 724	1,229	682	(e)	(P)	(P)	(D)			
Other industries Agriculture, forestry, fishing, and hunting	14,932 (^D) 906	14,225 (D)	707 8	1,460 (P)	13,472 10	33,771 103	33,464 101	307 1	21,474 (P)	12,296 (D)			
Mining Utilities Construction	906 4,372 475	906 (P)		(P) 20 4	4,352 471	2,344 15,937 1,955	(D) (P) 1,955	(D) (E)		(D) (D) (D)			
Transportation and warehousing	(P) (P)	(£) (£) (£)	(D)	99 (P)	(D) (D)	6,140 (P)	6,140	`(*) 0 (P)	2.778				
Administration, support, and waste management	3,939 (P)	3,920 (P) 849	19 (*)	99 99 99 99 99 99 99	3,902 (*)	2,053 (P)	(D) (D)	(P) (P)	(0,0)	(b)			
Accommodation and food services	904 119 785	849 65 785	(1) (2) (3) (4) (4) (5) (5) (5) (7) (7) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	(P) 2 (P)	(b) 117	2,636 1,309 1,327	2,636 1,309 1,327	0	(P)	3,362 (*) (b) (D) 1,309 (D) (D)			
Food services and drinking places Miscellaneous services	1,395	1,360	35	(D)	(D)	258	1,327 258	ő		(F)			

r Revised. NAICS North American Industry Classification System

^(*) Less than \$500,000.

D Suppressed to avoid disclosure of data of individual companies.

P Preliminary.

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

-	· 1	Manufacturing											[··		Т		
					unsiw	Of which								Finance			
	All industries	Total	Food	Chemicals	Primary and fab- ricated metals	Machinery	Computer and elec- tronic products	Electrical equip- ment, appli- ances, and compo- nents	Trans- portation equip- ment	Whole- sale trade	Retail trade	Informa- tion	Depos- itory institu- tions	(except deposi- tory in- stitu- tions) and in- surance	Real estate and rental and leasing	Profes- sional, scientific, and technical services	Other industries
	(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	(P)	13	(P)	(P)	(P)	(P)	. 6	(P)	7	1,583	21	1,297	(^D)	84	5,498
Europe Austria Belgium Denmark Finland France Germany	170,173 19 255 49 (D) 14,493 39,873	126,078 7 81 (P) (P) 10,207 36,732	525 0 0 0 0	3,268 1 0 0 (*) (D) 449	1,858 4 0 0 (P)	3,013 (*) (P) 0 (P)	8,545 (*) (D) (P) 0 6,528 82	125 0 0 0 0 (P)	37,070 (*) 0 0 (P) 33,982	1,337 1 (D) (D) 3 (*)	1,102 0 0 0 0 (P)	10,625 2 (P) 0 (P) (P)	(P) 00 00 (P)	14,936 2 (*) 0 (*) (D)	3,087 0 0 0 0 19	(P) 4 (*) 0 0 107	7,458 2 (P) (*) (*) 1,545
Ireland taly taly Liechtenstein Luxembourg Netherlands	4,268 391 (P) (D) 19,009	3,770 128 0 (*) 10,879	⊕°6000000000000000000000000000000000000	PECOOM .	(Sec.)	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	0 8 0 0 (P)	(P) 0 0 0 0	33,382 (P) (P) (P)	(P) (*) 0 67	(A) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	(P)	(*) 0 0 0	(*) (*) 1 0 1,578	(5) (6) (6) (6)	(D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	(P) (*) (D) (D)
Norway Spain Sweden Switzerland United Kingdom Other	832 (P) 506 4,525 84,995 7	189 1,298 62,614	000 <u>0</u> 03	1,349 (*)	(P) (P) 1,713 0	o () 5 (b) (c)	(°) (°) 1 1,038	0 0 0 (P) 0	(P) 0 (P) 0 979 0	(1) (P) 12 340 (*)	0 (P) 0 1 0	(P) 0 0 (P) 7,881 0	(P) (P) (P) (P)	(*) 0 2 (P) (P) 0	(P) (r) (P) 20 157 0	(P) 0 (P) 186 2,734 0	94 (*) (D) 45 1,358
Latin America and Other Western Hemisphere	11,354	7,774	(P)	(P)	(D)	(^D)	(P)	0	(*)	(^D)	7	5	` ` ′	(^D)	391	3	(P)
South and Central America Brazil Mexico Panama Venezuela Other	920 1 739 3 (P)	730 (P) (P) (P)	(J. (J. (J. (J. (J. (J. (J. (J. (J. (J.	(P) 0 1 0 (P) 0	£00000	1 0 1 0 0	(°)	0 0 0 0 0	() () () () () ()	(P) (P) (P)	7 0 7 0 0	0 0 0 0 0	(P) 0 0 0 (P) 0 0	0000	(P) 0 3 0 (P)	3 1 0 2 0 (*)	(P) (P) (P) (P) (P)
Other Western Hemisphere Bahamas Bermuda Netherlands Antilles United Kingdom Islands, Caribbean Other	10,433 (*) 5,996 (P) 1,836 (P)	7,044 0 <u>9,9,9</u> 0	(†) 0 (†) 0	0 0 0 0	(<u>P</u>) 0 (P) 0 0 0	(P) 00 (P) (P) 0	(P) (P) (P) (P)	0 0 0 0 0	(*) 0 (*)	(b) (c) (c) (b) 5	(*) 000 (*) 0	5 0 5 0 (*)	0 0 0 0 0		(P) (P) (P) (P)	(n) (n) (n) (n)	1,168 (*) (D) 2 (D) (D)
Africa South Africa Other	212 212 1	11 11 (1)	0 0 0	1 1 0	0	(*) (*)	(P) (P)	000	000	(D) (D) (*)	0 0		000		(*)	000	0 0 0
Middle East Israel Kuwait Lebanon Saudi Arabia United Arab Emirates Other	2,810 (P) (*) (P) (P) (P) 31	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 0 0 0 0		000000000000000000000000000000000000000	() () 0 0 0	(E) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C		0 0 0 0 0 0	0 0	(P) (P) 0 0 0 0 4		0	(*)	308 (P) (*) 0 (P) (P) 5	(*)	(P) 0 0 5 0 0 (P)
Asia and Pacific Australia China Hong Kong Indonesia Japan Korea, Republic of Malaysia New Zealand Philippines Singapore	7,329 (P) 4 (P) 0 4,862 (P) (P) (P) (1) 357 160	1,120 35 1 7 0 908 0 0 0 (P)	(P)	323 (*)	46 (P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	P 0 () 0 0 P 0 0 0 0	l ó	(P)	Ó	630 0 0 (P)	(P) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	000000000000000000000000000000000000000	(*)	()	0000	0
TaiwanOther	(1)	(7)	l	0	0	Ö		0		(*)	ŏ	0) `ó	(3)	(*)	(P) 5 (*)	Ó
United States 1	743	(P)	0	(P)	0	0	5	0	0	1	0	(P)	0	(P)	(P)	0	(^D)
Addenda: European Union (15) 2 OPEC 3	164,796 (^D)	124,775 (^D)	371 (*)	3,268 (^D)	1,813 (*)	2,959 0	8,543 0	125 0	37,070 0		1,102 0	10,553 0	1,454 (^D)	12,012 (*)		3,698 0	

^(*) Less than \$500,000.

Description Suppressed to avoid disclosure of data of individual companies.

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").

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]

					Manu	facturing					· · ·		[[1	7	
			Γ			Of which								Finance		}	
	Alf industries		Food	Chemicals	Primary and fab- ricated metals	Machinery	Computer and elec- tronic products	Electrical equip- ment, appli- ances, and compo- nents	Trans- porta- tion equip- ment	Whole- sale trade	Retail trade	Informa- tion	Deposi- tory in- stitutions	(except deposi- tory in- stitu- tions) and in- surance	Real estate and rental and leasing	Profes- sional, scientific, and technical services	Other industries
	(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	(P)	(^D)	(P)	(^D)	0	(P)	28	(D)	(P)	0	(^D)	713	(P)	1,697
Europe Austria Belgium Denmark	205,150 (P) 855 1,117	48,247 (D) (D) (D)	£00£0	5,331 0 0 0	1,356 0 0	14,859 0 0	15,142 0 (P) (P)	(<u>D</u>)	1,963 0 0 0	£0000	4,403 0 0 0	79,747 0 0 0	(P) 000	19,383 0 0 0	4,029 0 0 0	5,871 0 (P) 0	30,999 0 (P) (P) 2
Finland France	24,579	18,728	ŏ	(P)	(P)	(P)	3,093	(P)	(_D)	0	(P)	1,000	(P)	(P) (P)	ŏ	(P)	4,231
Germany	24,393 623 6,596 0 (P) 26,896	5,683 (A) (D) 0 0 1,460	(B0000(B)	(P)		P 0 P 000 0	1,098 0 0 0 (P)	000000	00000	(P) 0 0 0 0 264	4 0 0 0 0 3,872	(P) 0 0 0 0 3,948	(P)	(P) 0 0 0 0 0 14,572	2,827 0 0 0 0 301	194 0 0 0 0 2,473	5,225 (P) (P) 0 (P) 6
Norway Spain Sweden Switzerland United Kingdom Other	(P) 479 1,978 7,119 110,115 108	(P) 683 191 14,812 5	0000000	(P) (P) 487 5	0 0 0 1,218	0 0 (P) 900 0	0 (^D) 3 8,390 0	000000	0000£0	D O D 99 O	0000 PO	0 0 (P) 70,044	(P) (P) (P)	0 0 998 3,103 (^D)	9090	0 (^D) (^D) 2,296 0	(P) (D) (P) 17,361 (P)
Latin America and Other Western Hemisphere	34,013	(P)	0	0	(^D)	0	(^D)	(^D)	0	2	(^D)	(^D)	0	4,963	572	0	781
South and Central America Brazil Mexico Panama Venezuela Other Other Western Hemisphere Bahamas Bermuda Netherlands Antilles United Kingdom Islands, Caribbean Other	1,377 O (P) O (P) 32,636 (P) 31,685 O (P)	ඩිංචිංංල චිංචිංංචි	000000 000000	00000	චිංචිංං චිංචිංං	000000000000000000000000000000000000000	000000 E0E000	ဝဝဝဝဝဝ ဥဝဥ္ဝဝဝ	000000 000000	NONOOO 000000	£0600000000000000000000000000000000000	000000 Popoo	000000000000000000000000000000000000000	(P) 0 0 (P) (P) 4,860 (P)	Poloco Poool	000000000000000000000000000000000000000	781 (P) 495 (P)
Africa South Africa Other	(7)	0	0	0 0 0	000	0 0 0	0 0 0	0	000	£	0	000	000	0 0 0	2 2 0	0 0 0	0 0 0
Middle East strate Kuwait Lebanon Saudi Arabia United Arab Emirates Other	546 148 (P) 0 152 (P) 200	<u> </u>	000000	6 000000	0	0 0 0 0 0	0 00000	6 0 0 0 0	00000	වියයෙවේ	0 0 0 0 0 0 0	£60000	0 0 0 0 0	0 0 0 0 0	200 2 (P) 0 152 (P) 0	000000	(P) 00 00 (P)
Asia and Pacific Australia China Hong Kong Indonesia Japan Korea, Republic of Malaysia New Zealand Philippines Singapore Taiwan	11,502 (P) 0 237 0 8,048 (D) (*) 0 0 154 33 (P)	1,062 0 0 0 1,042 (°) 0 0 0 1,042 (°) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	<u> </u>	400004000000	£0000£000000	597 0 0 0 0 0 595 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200000000000000000000000000000000000000	£0000£000000	266 රෙගු ගුරි රෙගෙන ලිද	***************************************	3,857 (P) 0 0 844 0 0	£000000000	597 (*) 0 0 597 0 0 0	173 (P) 0 (P) 0 117 0 0 0 0 (P) 20	ဥ၀၀၀ရဝ၀၀၀ရွာ၀	(A) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C
Other	(2)	(P)	0	(P)	ا	0	0	٥	٥	٥	'n	(P) 0		(P)	0	0	(*)
Addenda: European Union (15) ² OPEC ³	198,020 199	48,055 0	676 0	5,331 0	1,356	14,841 0	15,139 0	484 0	1,963 0	612 0	4,403 0	75,179 0	11,835 0	18,385 0	4,029 199	5,436 0	30,085 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, Oatar, 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.

O N 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."

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

^{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.

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.

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.

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.

^{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.

^{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.

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

		ş	Per capita perso	nat income			Persona	income	Popui	ation
v fra	Dol	lars	Rank in Ur	ited States	Percent	change	Percent	change	Percent	change
602 ·	1998 <i>r</i>	1999 <i>P</i>	1998	1999	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99
Inited 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	` <u>'</u> 2	`2	5.5	5.0	6.1	5.6	.5	.6
Massachusetts	33,496	35,733	3	3 1	6.0	6.7	6.5	7.2	.5 .1	.5 .2 .8
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	3.
Colórado	29,994	31,678	l 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	
New Hampshire	29,480	30,905	l 8	8	6.2	4.8	7.4	6.2	1.1	1.3
Delaware	29,383	30,685	l ġ	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
	00.000	00.054	ا د ا	ا مد	0.5		~ ~	7.0	ا م	١ .
Nevada	29,200	30,351	11	11	3.5	3.9	7.7	7.8	4.1	3.
Washington	28,719	30,295	12	12	6.3	5.5	7.9	6.8	1.5	1.4
California	28,163	29,819	14	13	5.2	5.9	6.7	7.4	1.4	1.
Rhode Island	28,262	29,720	13	14	5.2 4.7	5.2	5.3	5.5	.11	
Virginia	28,063	29,484	15	15		5.1	5.5	6.4	.8	{ 1.
Pennsylvania	27,469	28,676	17	16	4.8	4.4	4.7	4.3	1	
Alaska	27,835	28,523	16	17	3.1	2.5	4.2	3.2	1.0	
Florida	26,845	28,023	19	18	4.7	4.4	6.3	5.8	1.5	(1.
Michigan	26,885	27,844	l 18	19	4.3	3.6	4.7	4.0	.4	
Hawaii	26,759	27,842	20	20	1.7	4.0	1.8	3.6	.1	
	,	,							i i	ì
Nebraska	25,924	27,437	23	21	4.7	5.8	5.0	6.2	.3	{
Wisconsin	26,284	27,412	21 25 24	22 23 24	5.4	4.3	5.8	4.9	.4	1 .
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 26	4.3	3.9	4.5	4.0	.2	: ١
Kansas	25,537	26,633	26	26	4.6	4.3	5.5	4.9	.9	
Texas	25,369	26,525	22 26 27	27	5.7	4.6	7.7	6.3	1.8	1.
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	28 30	28 29	3.2	4.1	3.8	4.7	.6	i .
Indiana	25,163	26,092	29	30	5.2	3.7	5.9	4.3	.6	
	-									į.
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] .
lowa	24,745	25,727	31	33 34	3.6	4.0	3.9	4.3	.2	
Tennessee	24,437	25,581	33 35	34	4.2	4.7	5.3	5.7	1.0	
Arizona	24,206	25,307	35	35	6.0	4.5	8.7	7.0	2.5	2.
South Dakota	23,715	25,107	36	36 37	5.8	5.9	5.8	6.2	0	
Maine	23,499	24,960	37	37	4.9	6.2	5.1	6.7	.2	١,
North Dakota	22,892	23,518	38	38	9.7	2.7	9.1	2.1	5	-,
South Carolina	22,372	23,496	39	39	4.5	5.0	5.8	6.3	1.3	1.
Idaho	22,079	23,445	43	40	5.1	6.2	6.8	8.0	1.7	i.
	,	,								
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	
Alabama	22,054	22,946	44	43	3.7	4.0	4.5	4.5	.7	١.
Oklahoma	21,964	22,801	45	44	4.2	3.8	5.0	4.4	8.	i .
Louisiana	22,206	22,792	l 41	45	4.5	2.6	4.7	2.9	.3	
Montana	21,229	22,314	1 46	46	5.5	5.1	5.6	5.5	Ĭ .ĭ	1
Arkansas	21,167	22,114	47	46 47	4.1	4.5	4.6	5.0	.6	1 7
New Mexico	21,164	22,063	48	48	4.3	4.2	5.0	4.6	.6	} .
West Virginia	20,185	20,888	49	49	4.0	3.5	3.8	3.2	2	}
			50	50	4.8					· -
Mississippi	19,776	20,506	l ^{ou}	50	1 4.8	3.7	5.5	4.3	."	
EA regions		I	l		l				1	
New England	32,373	34,264	1	1	5.5	5.8	5.9	6.4	1	ļ .
Midaget			1	2					l .‡	[:
Mideast	31,100	32,717	1 2		5.1	5.2	5.3	5.5	1 .2	
Far West	28,068	29,637	1 3	3	5.0	5.6	6.6	7.1	1.5	
Great Lakes	27,187	28,303	1 4	4	4.7	4.1	5.1	4.5	1 .4	
Plains	26,118	27,285	5	5	4.7	4.5	5.3	5.1	.5	
Rocky Mountain	25,783	27,244	6	6	6.0	5.7	7.6	7.4	1.6	1.0
		1 05 700			1 46		5.7			1.
Southeast	24,605	25,708 25,653	1 7	/	4.5	4.5	0./	5.6	1.2	į 1.

r Revised.

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.

Not ranked

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).

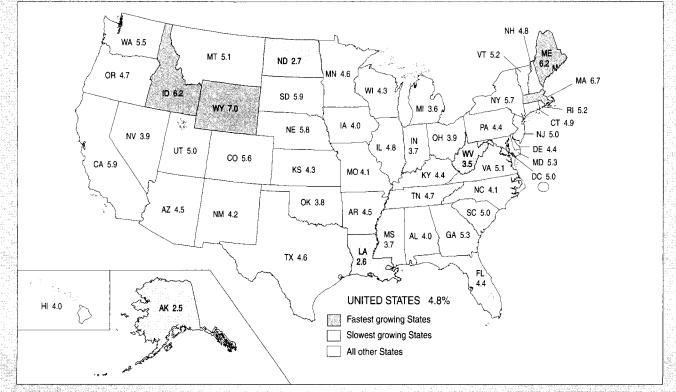
Fastest growing States.—The four States with the fastest growth in per capita income in 1999 were Wyoming (7.0 percent), Massachusetts (6.7 percent), Maine (6.2 percent), and Idaho (6.2 percent) (chart 1). In Wyoming, Maine, and Idaho, per capita income was below the U.S. average of \$28,518.

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

CHART 1

Per Capita Personal Income Growth in 1999, by State



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

^{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'

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

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

Also includes mining and agricultural services, forestry, and fishing.
 Not meaningful.
 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	Construc- tion	Manufac- turing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Govern- ment
United States	6.6	0	0.5	0.5	0.3	0.5	0.6	0.9	2.7	0.7
New England 33 Connecticut	7.5 5.8	0	.6 .4	. 7 .9	.2 .1	.5 .1	.7 .6	1.3 1.3	2.9 2.3	. 6
Maine Massachusetts New Hampshire Rhode Island Vermont	8.4 8.7 6.5 6.1 6.9	0 0 0 1	1.4 .6 .3 .9	.5 .8 1 .2 1.6	.1 .2 .1 .2 0	.6 .7 .9 .4	.8 .7 .9 .8	1.2 1.5 .8 .4 .5	2.7 3.2 2.9 2.1 3.0	.9 .8 .5 1.1
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	6.4 6.6 5.9 7.3 6.2 7.1 4.9	0 2 (²) 0 0 1	(3) .6 (3) .6 .5 .4 .6	.3 1.0 .1 .3 .4 .2 .4	.2 2.6 2.1 .1	.4 .5 .2 .5 .6 .4	.4 .6 0 .3 .5 .3	1.3 1.6 .7 .9 1.0 2.0	2.6 1.7 2.8 2.9 2.8 2.8 2.2	1.5
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	4.9 5.8 4.4 4.5 4.4 5.2	2 3 3 -1 1	.4 .5 .1 .4 .4	. 6 .3 1.2 1.1 .5 .6	.1 .1 .1 0 0	.4 .5 .4 .3 .4	.4 .4 .5 .3 .4 .5	. 6 1.1 .5 .2 .5 .5	2.0 2.5 1.5 1.8 1.9 2.1	.3
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	5.5 4.1 5.6 6.1 5.4 6.8 1.0 7.1	-3 -1.2 2 4 -2 .5 -3.9 2	.6 .3 .5 .7 .8 .6 .9	3 2662236	.4 .3 .8 2 .4 .6 1	.4 .5 .4 .5 .4 .4 .5	.6 .4 .5 .7 .6 .5 .3	.8 .7 .5 .7 .9 1.0 .6 1.3	2.1 2.1 1.3 2.6 1.8 2.4 1.9 2.5	.6 .6 .7 .4 .9 .4 .7
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	6.4 4.8 5.6 7.0 8.3 5.8 2.4 4.4 6.6 7.0 6.1 7.6	0 0 1.2 1 4 3 3 1 0 1.2 (2)	.4 .5 .5 .3 .8 .4 1 .5 .4 .4 .5 .7	.4 2.8 0 9.9 2.6.6.4 4 0 3	.4 2 2 4 .7 2 0 .1 1.6 .5 3 -2	5 536851.N4566A	.6 6.6 1.0 1.6 7 7 .4 8.6 .6 .7 .6 .6	.6 .6 .4 .8 .6 .4 .2 .3 .8 .6 .7 .9 .4	2.7 1.5 1.7 3.4 3.2 2.0 1.5 1.6 2.8 2.0 2.0 3.7 1.7	.8 .7 .6 .4 .6 1.4 .2 1.1 1.0 1.5 .6 1.1
Southwest Arizona New Mexico Oklahoma Texas	6.7 7.9 4.3 4.5 6.9	.4 .1 .7 .3 .5	. 5 .8 0 .6 .5	.1 .1 1 0 .1	. 5 .3 .2 0 .7	. 6 .5 .2 .3 .7	. 7 .8 .4 .5 .7	.7 1.1 .5 .4 .7	2.6 3.6 2.2 1.5 2.5	.7 .7 .4 1.0
Rocky Mountain Colorado Idaho Montana Utah Wyoming	8.3 9.0 9.2 5.9 6.8 8.5	. 6 .3 1.6 1.0 0 2.6	. 8 .9 .7 .2 .8	.4 .4 1.2 -2 .2 .2	. 8 1.2 .3 .3 .2 .2	.5 5.6 3.5 .1	. 8 .8 .9 .7 .8	. 9 1.1 .5 .5 .5	2.8 3.1 2.1 2.2 2.9 2.0	.8 .7 1.2 .8 .9
Far West Alaska California Hawaii Nevada Oregon Washington	8.4 1.7 8.9 4.0 8.9 6.4 7.7	.1 0 .2 .1 0 1 1	(3) .7 2 .7 .2 .6	.9 0 1.1 .1 .1 .8 .1	. 5 2.6 0.5 3.3	.4 1 5.2 3.5 .4	.8 .5 .8 .4 1.1 .8 .8	. 8 .3 .9 .5 .8 .6	3.4 1.0 3.5 1.2 4.5 2.5 4.0	.3 .8 1.8 .8

Also includes mining and agricultural services, forestry, and fishing.
 Not meaningful.
 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 currentemployee 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. 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.

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

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

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 9.5 4.4 .9	14.5 9.6 4.4 1.0	14.8 9.8 4.5 1.0
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 0	.1 .2 1	-1.5 8 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

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.

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. 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.

Consists of the wages and salaries received by federal retirement plans that is attributed to federal workers stationed abroad.
 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.
 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

^{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. 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.

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.

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

^{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.

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 na-

tional 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

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>.

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

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 longterm 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.—Reivisions to Personal Income for States and Regions for Selected Years
[Millions of dollars]

Otata and region	l I		Revision			Percent revision Percent contribution to U.S. re								J.S. revision	revision	
State and region	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		
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 12	-106 441	-405 751	1,165	332 1,300	8 .3	4 2.1	-1.3 3.1	0 4.6	1.0 4.9	-1.7 .9	1 .3	3 .6	0,		
Rhode IslandVermont	12	237	69	215	220	ا ن	2.2	.5	1.6	1.5	o"	.2	.0	- "1		
	·					1 1			l .					•••		
Mideast	-199 -13	18,164 64	10,091 -354	14,667 -655	18,755 -395	1 5	1.7	8. 1.8–	1.1 -3.1	1.4 -1.8	-15.2 -1.0	13.2	7.8 3	8.6 4	9. 	
District of Columbia	-23	807	54	-291	-538	5 7	.4 4.8	-1.8	-1.5	-2.8	-1.8	.6	0	-2	-,	
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.	
New Jersey	-95	-1,147	-722	1,687	2,818	3	5	3	.6	1.0	- 7 .31	8	6	1.0	1.	
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.	
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.	
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.	
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.	
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.	
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.	
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.	
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	9.0	
lowa	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.	
Kansas	21 89	1,440 2.553	1,384	1,492 6,070	1,529 7,570	.3 .6	2.9 2.7	2.4 4.1	2.4 4.9	2.3 5.8	1.6 6.8	1.0 1.9	1.1 3.7	.9 3.5	3.	
Minnesota	29	2,000	4,787 2,727	3,967	3,799	.0	2.1	2.2	3.1	2.9	2.2	1.8	2.1	2.3	2.	
Nebraska	21	851	1,966	1.884	1.841	ا مُ	2.8	5.2	4.8	4.5	- 1	1.6 .6	1.5	1.1	1.	
North Dakota	26	524	624	495	745	1.4	4.9	4.8	3.8	5.4	2.01	.4	.5	.3		
South Dakota	25	537	807	830	943	1.3	4.4	5.4	5.3	5.8	1.9	.4	.6	.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.	
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	1.3	
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.	
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.	
Georgia	-38	2,998	4,979	5,238	5,454	3	2.3	3.0	2.9	2.8	-2.9	2.2 1.7	3.8	3.1	2.	
Kentucky	84	2,382	2,609	2,746	2,440 3.448	3 .9 .3	3.8	3.5	3.4 3.8	2.9	6.4		2.0	1.6	1. 1.	
Louisiana Mississippi	28 53	2,495 1.431	2,780 1,748	3,419 2,120	2,127	1.0	3.6 3.9	3.3 3.7	4.3	3.7 4.1	2.1 4.0	1.8 1.0	2.1 1.3	2.0 1.2	1.	
North Carolina	113	6,062	6,459	7.691	7.973	1.0	4.9	4.0	4.5	4.4	8.6	4.4	5.0	4.5	4.	
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.	
Tennessee	58 34	2,960	3,590	4,162	4,512	.8	3.2	3.1	3.4	3.5	2.6	2.2	2.8	2.4	2.	
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.	
West Virginia	18	791	795	1,245	1,482	.4	2.8	2.4	3.7	4.2	[1.4]	.6	.6	.7	į.	
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.	
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.	
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.	
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.	
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.	
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.	
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.	
Idaho	25 34	682	755	789	1,276	1.1	3.9	3.2	3.2	4.9	1.9	.5 .3	.6	.5		
Montana	53	471	446 1,498	412 2.089	844 2.420	1.5 1.7	3.5 5.2	2.7	2.4 5.0	4.7	2.6		.3	1.2		
Utah Wyoming	ος Ω	1,485 391	1,496	482	2,420 502	1.7	5.2 4.5	3.9 2.7	4.4	5.5 4.5	4.0 .6	1.1 .3	1.2	1.2	1.	
	400		i i			l i			1	1 1						
Far West	408 32	25,725	21,393	27,034	31,972	.3	2.8	2.0	2.3 8.0	2.6	31.1	18.7	16.5	15.8	16.	
AlaskaCalifornia	292	1,088 16,898	1,049 13,824	1,211 15,917	1,301 19,552	2.3	8.4 2.5	7.1 1.7	1.9	8.2 2.2	2.4 22.3	.8 12.3	.8 10.6	9.3	10.	
Hawaii	47	1,487	609	764	19,552	1.4	5.6	2.0	2.5	1.9	3.6	12.3	10.0	9.3	10.	
Nevada	13	1,243	1,919	2,768	3,124	1.6	4.3	4.6	6.2	6.5	1.0	.9	1.5	1.6	1.	
Oregon	8	2,614	2,405	3,461	3,733		4.7	3.3	4.5	4.6	.6	1.9	1.9	2.0	i.	
Washington	15	2.396	1,587	2,913	3,674	1 .ii	22	1.2	2.0	2.3	1.1	1.7	1.2	1.7	i.	

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]

	Γ	1969-98		19	91:1-1999:11	<u> </u>
State and region	Previously published	Revised	Revision	Previously published	Revised	Revision
United States	8.0	8.1	0.1	5.4	5.4	0
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	7.7 7.6 7.9 7.6 9.2 7.2 8.1	7.8 7.6 8.0 7.7 9.2 7.3 8.2	.1 0 .1 .1 0 .1	5.0 5.0 4.3 5.2 5.5 4.1 5.0	5.2 4.8 4.7 5.6 5.8 4.6 5.0	.2 2 .4 .4 .3 .5
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	7.2 8.0 6.1 8.1 7.7 6.9 7.0	7.3 7.9 6.1 8.1 7.7 6.9 7.1	.1 1 0 0 0 0	4.6 5.5 3.2 4.8 5.0 4.6 4.4	4.7 5.4 2.3 4.7 5.1 4.7 4.3	.1 1 9 1 .1
Great Lakes #Ilinois Indiana Michigan Ohio Wisconsin	7.1 7.1 7.2 7.0 6.9 7.5	7.2 7.2 7.3 7.1 7.0 7.6	.1 .1 .1 .1 .1 .1	5.2 5.4 5.3 5.0 4.8 5.5	5.2 5.5 5.4 5.3 4.7 5.6	0 .1 .3 1
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	7.5 6.8 7.6 8.0 7.5 7.4 7.2	7.6 6.9 7.7 8.2 7.6 7.5 7.3 7.7	.1 .1 .2 .1 .1 .1	5.3 5.0 5.1 5.9 5.0 5.2 4.9 5.5	5.3 4.9 5.1 6.0 5.1 5.3 4.2 5.4	0 1 0 .1 .1 7 1
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississipoi North Carolina South Carolina Tennessee Virginia West Virginia	8.9 8.2 8.4 10.0 9.3 7.8 8.2 8.9 8.7 8.7	9.0 8.3 8.5 10.1 9.4 7.9 8.0 8.3 9.1 8.9 8.8 7.2	.1 .1 .1 .1 .1 .1 .2 .1 .2 .2 .1 .2 .2	5.25 5.58 7.05 5.88 5.3 5.5.1 4.0	5.8 5.5 5.7 7.1 5.8 5.9 6.4 5.6.2 5.3 4.1	0 -2 0 -1 .1 .1 .1 .1 .1
Southwest Arizona New Mexico Oklahoma Texas	9.2 10.5 8.9 7.8 9.3	9.3 10.6 9.1 7.9 9.4	.1 .1 .2 .1 .1	6.5 7.6 5.6 4.6 6.6	6.6 7.7 5.8 4.6 6.7	.1 .1 .2 0 .1
Rocky Mountain Colorado Idaho Montana Utah Wyoming	9.1 9.6 8.7 7.4 9.5 8.1	9.3 9.8 8.9 7.5 9.6 8.2	.2 .2 .2 .1 .1	7.1 7.7 6.7 4.9 7.5 4.3	7.3 8.0 7.1 4.8 7.5 4.7	.2 .3 .4 1 0
Far West Alaska California Hawaii Nevada Oregon Washington	8.5 8.8 8.3 8.0 11.3 8.5 8.8	8.5 9.0 8.4 8.0 11.5 8.7 8.9	0 .2 .1 0 .2 .2	5.2 3.5 4.9 3.2 8.7 6.4 6.5	5.3 3.6 4.9 3.0 9.0 6.3 6.7	.1 0 2 .3 1

^{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

	Millions	of dollars	Percent		Percent rev	isions as a re	sult of the rec	lassification	
State and region	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 .6	0	.9	-1.4
Maine	643 2,191	217 1,765	2.4	.8 .9	1.8 1.3	.5	1 0	1.1	- 2.6 - 1.7
New Hampshire	7	196	""	.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 -655	14,104 201	1.1 -3.1	1.1 1.0	1.4 1.2	. 3 .2	1 0	1.7	-2.2 -1.9
Delaware District of Columbia	-291	692	-1.5	3.7	20.2	2.4	~16.9	4.9	-1.9 -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 2.0	-1.6
New YorkPennsylvania	5,134 6,619	3,486 2,313	2.1	.6 .7	.8 1.0	.1 .3	l o	1.3	-2.3 -1.9
Great Lakes	36,950	14,489	3.3	1.3	1.2	.4	ň	1.5	-1.8
Illinois	9,972	3,506	3.0	1.0	1.1		ŏ	1.3	-1.7
Indiana	4,332	1,464	3.2	1.0	1.0	.4 .2 .2	0	1.0	-1.2
Michigan	8,193 9,839	1,945 6,168	3.4	.8 2.2	1.1 1.5	.2 .8	0	1.0 2.3	-1.6 -2.4
Ohio Wisconsin	4,616	1.406	3.7	1.1	1.1	.1	ŏ	1.5	-1.6
Plains	16,915	7,803	3.8	1.7	1.1	.4	0	1.8	-1.6
lowa	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 -1.6
Minnesota	6,070 3,967	3,660 1,716	4.9	2.8	1.3		-1	1.5	-1.8 -1.8
Nebraska	1,884	489	4.8	1.3 1.2	1.2	.4 .3 .4 .5	oʻ.	1.2	-1.5
North Dakota	495 830	310	3.8	2.3	2.2	.4	1 0	1.5	-1.7 -2.0
South Dakota		270	5.3	1.6	1.4	1	<u>ر</u> ا	1.8	
Southeast	51,684 2,500	28,110 1,385	3.5	1.8 1.5	1.8 1.8	.3	l .1	2.0 2.2	-2.4 - 3.0
Arkansas	1,902	558	3.8	1.1	1.3	.5 .2 .1	l ŏ	1.8	-2.1
Florida	12,579	4,134	3.5	1,1	1.7	.1	0	1.6	-2.2
Georgia Kentucky	5,238 2,746	4,049 1,534	2.9	2.2 1.8	1.8 1.9	.3 .6	0 3	2.2 1.7	-2.1 -2.0 -2.6
Louisiana	3,419	1,326	3.8	1.4	1.7	.6 .7	Ö	1.6	-2.6
Mississippi	2,120	920	4.3	1.8	1.9	.7	0	1.7	-2.6
North Carolina	7,691 3,483	4,989 1,421	4.5 4.5	2.8 1.8	1.6 1.6	.5 .6	0	2.6 2.3	-2.0 -2.8
Tennessee	4,162	1,529	3.4	1.2	1.0	.0	.2	1.6	-2.0 -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	1	0	1.5	- 2.0
Southwest	12,829	9,312	1.9	1.4	1.4	.5	0	1.8	-2.3
Arizona New Mexico	3,808 1,686	690 901	3.8	.7 2.6	1.2 2.6	.3 1.0	0	1.6 2.8	-2.4 -3.7
Oklahoma	2,421	1,034	3.6	1.5	2.0	.5	ŏ	1.9	-3.1
Texas	4,915	6,688	1.1	1.4	1.3	.5	Ŏ	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 Montana	789 412	378 395	3.2	1.5 2.2	1.6 1.8	.7 .8	0	1.4	-2.2 -2.9
Utah	2,089	598	5.0	1.4	1.8	.2	ľŏ	1.8	-2.5
Wyoming	482	223	4.4	2.0	1.7	.2	Ò	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	Į o	4.4	-4.1
California Hawaii	15,917 764	14,891 1,200	1.9	1.7 3.8	1.4 4.6	.5 .4	0	2.2 3.0	-2.3 -4.1
Nevada	2,768	819	6.2	1.7	1.7	.2	ŏ	2.1	-2.2
Oregon	3,461	1,918	4.5	2.4	1.2	.2 .5 .5	Ò	3.5	-2.8 -2.4
Washington	2,913	2,145	2.0	1.4	1.8	J .5	0	1.5	-2.4

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
calculated to convert these estimates to a place-of-residence basis. The residence adjustment is not usually cal-

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.

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

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

	Dol	lars	Rai	nk
State and Region	Previously published	Revised	Previously published	Revised
nited 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 26,845	19	19
Florida	25,922 25,106	25,839	23	25
Georgia	26,210	26,759	17	25 20
Idaho	21,080	22,079	44	43
Illinois	28,976	29,853	8	43 7
Indiana	24,302	25,163	29	29
lowa	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	
Massachusetts	32,902	33,496	3	5 3
Michigan	25,979	26,885	18	18
Minnesota	27,667	29,263	l iĭ	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 2 48
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 34
Wyoming	23,225	24,312	34	34
BEA regions		20 2-4	{ .}	
New England	32,007 30,652	32,373 31,100	1 2	1
Great Lakes	26,290	27.187	4	4
Plains	25,126	26,118	5	4 E
Southeast	23,793	24,605	8	7
Southwest	23,793	24,551	1 %	2 4 5 7 8 6 3
	24,668	25,783	6	6
Rocky Mountain				

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 Alaska Nevada Minnesota South Dakota Connecticut Delaware District of Columbia	2.7 8.2 6.5 5.8 5.8 -1.0 -1.8 -2.8	1 0 0 2 1 0 4 2	1.5 4.3 1.9 .8 1.5 .9 1.2 18.8	.2 0 -1.3 2 -3.9	0 0 1 .1 .3 0 1	2.7 6.9 6.6 6.1 6.5 4 1.3	-2.3 -4.1 -2.4 -1.5 -2.0 -1.6 -2.0 -7.6	0.4 1.3 .2 .6 .7 .3 .3	0 1 0 .1 .1 1 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

^{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.

The 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 °	1970 °	1971 *	1972 r	1973 °	1974 °	1975 r	1976 °	1977 <i>°</i>	1978 °	1979 *
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	49,218	52,892	56,140	60,814	66,688	72,577	77,479	84,948	93,301	104,140	117,069
	14,540	15,468	16,227	17,488	19,154	20,955	22,329	24,334	26,909	30,081	34,008
	3,115	3,412	3,650	3,999	4,520	5,050	5,386	6,222	6,789	7,531	8,434
	23,770	25,589	27,244	29,420	32,108	34,802	37,100	40,208	43,863	48,698	54,427
	2,711	2,890	3,126	3,457	3,913	4,313	4,642	5,301	6,009	6,960	8,007
	3,602	3,910	4,140	4,515	4,863	5,154	5,531	6,093	6,690	7,364	8,222
	1,481	1,622	1,752	1,934	2,131	2,304	2,492	2,791	3,041	3,506	3,972
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	182,368	196,543	210,097	227,051	246,658	268,578	288,774	313,712	342,391	377,206	417,293
	2,387	2,536	2,765	3,043	3,400	3,701	3,962	4,356	4,707	5,179	5,718
	3,450	3,789	4,162	4,517	4,785	5,266	5,731	6,110	6,615	7,001	7,432
	16,281	18,010	19,684	21,593	23,923	26,378	28,592	31,442	34,360	38,168	42,381
	32,106	34,763	37,335	40,507	44,327	48,236	51,658	56,572	62,130	69,206	77,188
	83,346	89,292	95,115	101,636	108,803	117,323	125,420	134,395	145,544	159,114	175,040
	44,796	48,153	51,036	55,755	61,420	67,674	73,412	80,837	89,035	98,539	109,533
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	161,536	169,462	181,909	198,768	223,387	243,198	260,632	289,377	322,534	359,263	398,184
	48,062	50,948	54,617	59,280	66,471	72,877	78,990	86,598	95,637	106,079	117,000
	19,099	19,827	21,549	23,593	27,177	29,103	31,197	35,002	38,910	43,602	48,256
	36,400	37,310	40,381	44,815	50,370	53,984	57,191	64,588	72,863	81,287	89,727
	41,555	43,748	46,461	50,410	56,188	61,722	65,556	72,611	80,906	89,887	99,899
	16,421	17,629	18,901	20,670	23,182	25,512	27,697	30,578	34,218	38,408	43,302
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	58,062	62,776	67,468	74,607	87,538	92,855	101,249	109,419	121,538	138,372	153,711
	10,244	10,924	11,421	12,796	15,460	16,050	17,841	19,106	21,225	24,630	26,584
	7,934	8,577	9,309	10,405	11,943	12,965	14,097	15,448	16,937	18,853	21,690
	14,201	15,463	16,467	17,898	21,099	22,757	24,404	26,623	30,085	33,924	37,996
	16,522	18,003	19,396	21,120	23,574	25,277	27,494	30,416	33,874	37,933	42,601
	5,266	5,648	6,200	6,873	8,054	8,404	9,507	9,996	10,870	12,674	13,742
	1,895	1,989	2,299	2,761	3,903	3,881	4,044	3,990	4,172	5,294	5,477
	2,001	2,171	2,376	2,754	3,505	3,520	3,862	3,840	4,376	5,064	5,621
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	133,979 9,453 5,010 24,297 14,390 9,503 10,498 5,345 15,351 7,264 11,563 16,418 4,886	146,709 10,276 5,500 27,419 15,630 10,287 11,336 5,866 16,748 7,961 12,557 17,685 5,444	161,619 11,279 6,105 30,701 17,268 11,185 12,348 6,495 18,255 8,715 13,839 19,448 5,981	181,809 12,544 6,893 35,365 19,411 12,515 7,403 20,647 9,795 21,569 21,657 6,617	207,663 14,181 8,203 41,495 22,064 13,974 15,132 8,489 23,492 11,181 17,786 24,396 7,268	232,035 15,786 9,191 46,712 24,312 15,741 17,233 9,362 25,904 12,678 19,732 27,300 8,085	252,583 17,537 10,047 50,353 26,061 17,113 19,263 10,093 27,889 13,689 21,378 30,005 9,154	283,155 19,893 11,179 55,438 29,189 19,283 21,960 11,562 31,233 15,462 24,132 24,132 33,538 10,287	315,802 22,005 12,514 62,309 32,423 21,788 24,636 12,937 34,339 16,990 26,887 37,439 11,535	360,348 24,923 14,587 72,332 36,945 24,501 128,314 14,445 38,921 19,264 30,761 42,483 12,872	408,144 27,855 16,084 84,094 41,633 27,838 32,342 16,425 43,288 21,744 34,535 47,894 14,411
Southwest Arizona New Mexico Oklahoma Texas	54,379	60,062	65,623	73,036	83,516	94,357	105,799	119,822	134,513	155,988	181,662
	6,061	6,897	7,860	9,013	10,476	11,854	12,640	14,262	16,122	19,100	22,702
	2,953	3,271	3,613	4,054	4,568	5,160	5,866	6,606	7,459	8,571	9,756
	8,108	8,925	9,716	10,682	12,188	13,623	15,176	16,867	18,874	21,518	25,200
	37,257	40,969	44,434	49,287	56,283	63,719	72,117	82,087	92,059	106,800	124,003
Rocky Mountain Colorado Idaho Montana Utah Wyoming	17,002	19,020	21,116	23,967	27,549	31,152	34,227	38,246	42,955	49,995	57,057
	7,983	9,018	10,166	11,520	13,252	14,901	16,347	18,148	20,400	23,625	27,342
	2,311	2,552	2,778	3,168	3,683	4,349	4,635	5,241	5,751	6,668	7,363
	2,279	2,527	2,694	3,132	3,646	3,966	4,341	4,703	5,119	6,053	6,549
	3,249	3,614	4,026	4,514	5,057	5,686	6,355	7,302	8,331	9,606	11,026
	1,179	1,308	1,451	1,633	1,912	2,250	2,550	2,852	3,355	4,044	4,777
Far West Alaska California Hawaii Nevada Oregon Washington	117,718	126,992	135,277	148,309	164,994	185,428	205,471	231,073	257,866	296,027	339,719
	1,406	1,595	1,766	1,939	2,266	2,795	3,932	4,736	4,906	5,013	5,328
	89,485	96,421	102,416	112,211	124,102	138,734	152,721	171,412	191,536	219,674	252,213
	3,379	3,888	4,221	4,660	5,178	5,965	6,465	7,032	7,652	8,497	9,679
	2,170	2,440	2,718	3,038	3,478	3,873	4,345	4,993	5,798	7,035	8,237
	7,582	8,276	9,056	10,153	11,497	13,062	14,367	16,398	18,431	21,272	24,275
	13,696	14,372	15,100	16,307	18,473	20,999	23,641	26,502	29,544	34,536	39,987

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

[Millions of dollars]

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

Table 1.—Personal Income by State and Region, 1969–99—Continued [Millions of dollars]

Area name	1991	1992 -	1993 ′	1994 -	1995 ′	1996	1997 r	1998 r	1999 <i>p</i>		Percent	change	
Aleg name	1991	1002	1980	1004	1555	1330	1337	1330	1333-	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 5.5 7.2 7.7	4.9	5.2 6.7
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 6.2 5.5
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 4.3	6.1	5.6 5.9 4.3
New York	431,672	455,657	464,201	478,586	503,163	530,990	554,061	583,061	617,709	5.5 4.6	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 5.3 4.3 4.0 4.0
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 3.5	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 5.8	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
lowa	49,849	53,161	53,391	57,999	60,171	64,696	68,170	70,797	73,821	7.5	54	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 5.7	5.5 7.1	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 1.7	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	5.7 4.7 6.2 2.1 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	50
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	5.0 5.8
Georgia	121,094	130,684	138,771	149,165	159,800	172,935	184,113	197,319	211,823	8.2	8.5	7.5	7.4
Kentucky	60,329	65,060	67,559	70,781	74,080	78,221	83,181	87,274	91,735	5.6	6.5 6.3	7.2 4.9	5.7
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	5.1 2.9 4.3
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	1 43
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	6.2 4.3	3.8	3.2
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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	7.8 4.8 4.7	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	5.2 5.4 8.3	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
ldaho	16,825	18,382	20,105	21,399	22,869	24,173	25,440	27,177	29,346	7.6 5.7	9.2 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 6.7	5.5
Utah	27,750 8.636	29,788 9,061	31,950 9,515	34,579 9,954	37,278 10,293	40,354 10,609	43,770 11,329	46,717 11,671	49,745 12,471	4.3 8.3 3.1	8.5 6.8	6.7 3.0	7.4 7.9 8.0 5.5 6.5 6.9
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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 1.6	6.6	6.6 4.2	7.1 3.2 7.4 3.6 7.8 5.8 6.8
Alaska	13,243 669,842	14,039	14,789	15,168	15,513	15,762 812,404	16,433	17,124	17,670	1.0	4.3 6.2	6.7	3.2
California		701,572	714,107	735,104	771,470		862,756	920,452	988,339 33,006	5.3 .6	2.9		1.4
Hawaii	26,198 27,349	27,859 30,199	29,068 32,386	29,740	30,202	30,393	31,278	31,856	33,006 54,913	10.0	9.1	1.8 7.7	3.6
Nevada	54.891	58,163	61,916	35,878 66,130	39,377 71,209	43,331	47,278	50,919 85,043	89,983	6.1	7.3	4.9	/.8
Oregon	104,786	112,634	117,621		129,681	75,561 139,328	81,040	163,348	174,389	7.4	7.3 8.7	7.9	2.8
Washington	104,786	112,034	117,021	123,337	129,081	139,328	151,413	100,048	174,389	1.4	6.7	1.9	1 6.8

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.

P Preliminary.
Revised.
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

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

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Area name	1969 <i>°</i>	1970 °	1971 -	1972 <i>*</i>	1973 ^r	1974 r	1975 ^r	1976 °	1977 r	1978 r	1979 <i>°</i>
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	4,194 4,847 3,140 4,207 3,744 3,865 3,388	4,453 5,090 3,423 4,486 3,896 4,114 3,634	4,680 5,300 3,594 4,748 4,102 4,295 3,856	5,031 5,697 3,864 5,106 4,423 4,625 4,176	5,490 6,241 4,319 5,551 4,880 4,972 4,548	5,970 6,813 4,764 6,024 5,279 5,405 4,869	6,363 7,239 5,019 6,439 5,592 5,844 5,192	6,959 7,885 5,708 6,994 6,258 6,411 5,753	7,612 8,712 6,142 7,636 6,892 7,004 6,179	8,465 9,720 6,751 8,480 7,786 7,693 7,036	9,483 10,971 7,497 9,472 8,781 8,595 7,853
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	4,331 4,421 4,528 4,209 4,525 4,603 3,815	4,623 4,608 5,018 4,573 4,835 4,887 4,077	4,901 4,892 5,545 4,894 5,127 5,179 4,294	5,281 5,303 6,073 5,291 5,521 5,538 4,683	5,758 5,871 6,522 5,822 6,043 5,980 5,168	6,289 6,347 7,306 6,382 6,576 6,492 5,704	6,758 6,729 8,068 6,878 7,037 6,955 6,170	7,352 7,349 8,775 7,536 7,703 7,477 6,800	8,047 7,913 9,702 8,191 8,462 8,153 7,493	8,892 8,658 10,448 9,062 9,408 8,979 8,305	9,852 9,549 11,336 10,035 10,469 9,927 9,225
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	4,048 4,354 3,714 4,145 3,934 3,751	4,203 4,580 3,810 4,194 4,101 3,983	4,478 4,874 4,105 4,501 4,328 4,238	4,869 5,266 4,455 4,966 4,691 4,595	5,456 5,903 5,100 5,552 5,218 5,130	5,926 6,464 5,440 5,926 5,733 5,622	6,341 6,986 5,830 6,279 6,087 6,061	7,026 7,623 6,516 7,084 6,753 6,670	7,799 8,385 7,199 7,957 7,511 7,417	8,655 9,277 8,006 8,834 8,326 8,292	9,569 10,243 8,814 9,701 9,251 9,281
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	3,584 3,652 3,548 3,779 3,561 3,572 3,052 2,995	3,840 3,862 3,816 4,053 3,843 3,796 3,214 3,256	4,095 4,005 4,145 4,275 4,107 4,121 3,669 3,538	4,505 4,473 4,613 4,628 4,443 4,527 4,377 4,065	5,264 5,398 5,274 5,431 4,937 5,269 6,172 5,163	5,570 5,596 5,717 5,838 5,282 5,465 6,120 5,178	6,047 6,192 6,186 6,216 5,733 6,168 6,334 5,667	6,488 6,580 6,721 6,729 6,306 6,453 6,184 5,591	7,171 7,283 7,307 7,559 6,991 6,993 6,427 6,351	8,126 8,438 8,082 8,471 7,787 8,120 8,136 7,347	8,990 9,114 9,240 9,409 8,713 8,784 8,398 8,158
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	3,084 2,748 2,619 3,659 3,162 2,971 2,901 2,408 3,051 2,827 2,967 3,558 2,798	3,336 2,979 2,849 4,006 3,394 3,184 3,106 2,641 3,285 3,064 3,189 3,795 3,117	3,590 3,225 3,096 4,286 3,666 3,391 3,328 2,867 3,510 3,274 3,451 4,092 3,378	3,951 3,544 3,415 4,703 4,038 3,715 3,593 3,208 3,603 3,808 4,486 3,682	4,419 3,960 3,985 5,235 4,497 4,145 3,994 3,613 4,365 4,029 4,298 4,972 4,026	4,839 4,351 4,376 5,616 4,867 4,607 4,510 3,936 4,743 4,459 4,696 5,484 4,457	5,177 4,765 4,655 5,895 5,152 4,933 4,956 4,205 5,039 4,720 5,017 5,934 4,974	5,719 5,323 5,155 6,376 5,694 5,462 5,557 4,757 5,584 5,257 5,574 6,534 5,479	6,277 5,817 5,670 7,010 6,221 6,095 6,135 5,259 6,058 5,684 6,108 7,192 6,053	7,050 6,500 6,509 7,921 6,989 6,784 6,951 5,806 6,780 6,334 6,334 6,340 6,703	7,852 7,199 7,088 8,879 7,722 7,640 7,813 6,549 7,461 7,044 7,618 8,995 7,432
Southwest Arizona	3,330 3,489 2,921 3,198 3,373	3,614 3,843 3,197 3,477 3,646	3,843 4,145 3,431 3,711 3,861	4,173 4,487 3,761 4,020 4, 192	4,655 4,929 4,137 4,524 4,683	5,141 5,329 4,568 4,986 5,194	5,831 5,528 5,045 5,475 5,738	6,218 6,074 5,527 5,974 6,362	6,825 6,642 6,087 6,586 6,979	7,730 7,586 6,847 7,387 7,912	8,744 8,604 7,619 8,485 8,929
Rocky Mountain Colorado Idaho Montana Utah Wyoming	3,440 3,686 3,269 3,284 3,103 3,584	3,775 4,055 3,558 3,625 3,391 3,919	4,065 4,413 3,761 3,789 3,658 4,269	4,464 4,791 4,150 4,355 3,979 4,709	4,984 5,310 4,709 5,012 4,326 5,410	5,514 5,864 5,382 5,380 4,743 6,172	5,920 6,321 5,571 5,794 5,150 6,701	6,465 6,895 6,116 6,200 5,739 7,212	7,066 7,567 6,510 6,636 6,328 8,152	7,990 8,539 7,319 7,721 7,041 9,384	8,861 9,596 7,894 8,299 7,786 10,572
Far West Alaska California Hawaii Nevada Oregon Washington	4,420 4,749 4,540 4,548 4,520 3,677 4,097	4,686 5,243 4,815 5,096 4,946 3,940 4,205	4,907 5,581 5,034 5,332 5,227 4,212 4,381	5,312 5,939 5,451 5,697 5,557 4,625 4,731	5,824 6,801 5,947 6,151 6,114 5,135 5,312	6,438 8,108 6,553 6,952 6,490 5,726 5,919	7,002 10,600 7,091 7,388 7,009 6,181 6,533	7,721 12,048 7,815 7,880 7,719 6,913 7,181	8,440 12,346 8,570 8,356 8,550 7,556 7,832	9,462 12,464 9,618 9,148 9,780 8,476 8,887	10,628 13,204 10,846 10,188 10,765 9,415 9,965

Table 2.—Per Capita Personal Income by State and Region, 1969-99—Continued [Dollars]

Area name	1980 *	1981 "	1982 <i>°</i>	1983 ^r	1984 *	1985 [*]	1986 ^r	1987 r	1988 ^r	1989 °	1990 °
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	10,701	11,883	12,800	13,755	15,341	16,471	17,638	19,156	20,915	22,200	22,900
	12,439	13,865	14,903	15,799	17,580	18,763	20,038	21,895	24,007	25,797	26,736
	8,408	9,231	9,873	10,551	11,665	12,533	13,463	14,595	15,813	16,886	17,479
	10,673	11,830	12,803	13,859	15,549	16,720	17,954	19,504	21,334	22,458	23,223
	9,915	11,079	11,906	13,041	14,534	15,819	16,974	18,371	19,759	20,635	20,713
	9,742	10,815	11,605	12,439	13,717	14,685	15,587	16,651	18,271	19,657	20,194
	8,702	9,717	10,287	10,968	12,048	12,994	13,842	14,992	16,197	17,517	18,055
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	10,978	12,169	13,055	13,869	15,268	16,302	17,277	18,476	19,992	21,394	22,611
	10,803	11,873	12,727	13,529	14,816	16,056	16,781	17,933	19,312	20,930	21,636
	12,347	13,530	14,805	15,532	17,126	18,177	19,030	20,251	22,440	24,311	26,627
	11,230	12,403	13,246	14,228	15,693	16,961	17,966	19,216	20,626	22,001	23,023
	11,778	13,057	13,999	15,036	16,549	17,652	18,711	20,230	22,142	23,595	24,766
	11,095	12,364	13,344	14,188	15,739	16,734	17,827	19,031	20,604	21,966	23,315
	10,151	11,184	11,887	12,455	13,512	14,445	15,186	16,142	17,323	18,725	19,823
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	10,350	11,282	11,743	12,352	13,654	14,522	15,253	16,048	17,100	18,218	19,149
	11,077	12,250	12,771	13,289	14,682	15,508	16,284	17,289	18,461	19,634	20,756
	9,449	10,355	10,698	11,203	12,445	13,143	13,821	14,664	15,616	16,770	17,625
	10,369	11,125	11,462	12,243	13,576	14,734	15,573	16,130	17,198	18,276	19,022
	10,103	10,982	11,485	12,167	13,449	14,295	14,933	15,675	16,739	17,825	18,792
	10,161	11,006	11,592	12,046	13,182	13,845	14,530	15,358	16,201	17,299	18,160
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	9,637	10,834	11,399	11,895	13,254	14,020	14,656	15,477	16,143	17,256	18,217
	9,671	10,968	11,227	11,485	12,798	13,395	14,020	14,899	15,315	16,562	17,380
	10,038	11,248	11,989	12,373	13,602	14,330	14,904	15,583	16,331	17,093	18,182
	10,320	11,320	11,992	12,594	14,255	15,093	15,881	16,899	17,592	18,966	20,011
	9,390	10,457	11,035	11,716	12,960	13,868	14,505	15,250	16,086	17,083	17,751
	9,272	10,685	11,228	11,601	12,968	13,743	14,215	15,035	15,984	16,878	18,088
	8,095	10,342	10,990	11,386	12,307	12,811	13,126	13,565	12,745	14,357	15,880
	8,142	9,451	9,915	10,195	11,619	11,942	12,486	13,217	13,807	14,767	16,238
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	8,713 7,892 7,586 10,049 8,474 8,231 8,833 7,076 8,247 7,794 8,319 10,176 8,172	9,705 8,712 8,564 11,195 9,435 9,110 10,037 7,901 9,184 8,651 9,196 1,291 8,866	10,259 9,185 8,952 11,789 10,054 9,589 10,558 8,301 9,690 9,071 9,695 12,075 9,439	10,911 9,783 9,476 12,637 10,849 9,859 10,865 8,615 10,480 9,775 10,276 12,936 9,626	12,060 10,800 10,560 13,764 12,185 11,062 11,628 9,463 11,788 10,910 11,453 14,298 10,417	12,864 11,583 11,264 14,705 13,143 11,558 12,121 9,922 12,649 11,666 12,247 15,286 10,936	13,517 12,202 11,734 15,423 13,990 11,995 12,028 10,293 13,444 12,258 12,995 16,237 11,464	14,345 12,912 12,184 16,415 14,820 12,782 12,266 10,913 14,325 13,056 13,909 17,332 11,950	15,393 13,842 13,016 17,593 15,876 13,570 13,113 11,695 15,461 14,045 14,910 18,556 12,708	16,495 14,899 13,813 19,045 16,803 14,602 13,997 12,540 16,539 14,834 15,883 15,883 19,780 13,529	17,408 15,832 14,509 19,855 17,738 15,484 15,223 13,164 17,367 16,050 16,821 20,538 14,579
Southwest Arizona New Mexico Oklahoma Texas	9,762	11,118	11,688	12,024	13,102	13,888	13,974	14,335	15,135	16,092	17,119
	9,590	10,658	10,945	11,654	12,885	13,808	14,463	15,130	15,795	16,568	17,211
	8,402	9,334	9,894	10,367	11,215	11,999	12,226	12,686	13,322	14,085	14,960
	9,580	11,003	11,817	11,725	12,687	13,265	13,288	13,464	14,257	15,265	16,214
	9,957	11,391	11,961	12,303	13,396	14,196	14,165	14,486	15,324	16,323	17,458
Rocky Mountain Colorado Idaho Montana Utah Wyoming	9,856	10,940	11,526	12,028	12,994	13,590	13,940	14,487	15,220	16,384	17,491
	10,809	12,141	12,945	13,570	14,751	15,416	15,772	16,417	17,285	18,548	19,703
	8,735	9,405	9,621	10,315	11,069	11,647	11,968	12,611	13,548	14,803	15,866
	9,143	10,244	10,672	11,045	11,705	11,900	12,465	12,996	13,362	14,623	15,524
	8,464	9,290	9,807	10,333	11,233	11,846	12,248	12,638	13,156	13,977	14,996
	11,753	12,879	13,251	12,723	13,493	14,242	14,004	14,194	14,968	16,383	17,996
Far West Alaska California Hawaii Nevada Oregon Washington	11,752 14,807 12,029 11,512 11,780 10,196 10,913	12,780 10,862	13,414 18,379 13,774 12,927 12,986 11,128 12,431	14,138 19,045 14,491 13,880 13,465 11,832 13,124	15,443 19,385 15,927 14,912 14,435 12,866 14,021	16,367 20,200 16,909 15,693 15,332 13,547 14,738	17,074 19,699 17,628 16,409 16,027 14,162 15,522	18,006 19,334 18,625 17,392 16,886 14,911 16,300	19,096 19,882 19,713 18,891 18,180 16,062 17,270	20,233 21,526 20,765 20,540 19,568 17,222 18,670	21,396 22,719 21,889 22,391 20,674 18,253 20,026

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

A	4004 "	4000 =	4000 "	4004 "	1005 "	4000 -	1007 -	4000 =	1000 -	Percent change	Percent of na- tional av-	Rank in U.S.
Area name	1991 *	1992 °	1993 ⁻	1994 *	1995 °	1996*	1997 *	1998 *	1999₽	1998–99	erage 1999	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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	23,257 26,863 17,662 23,749 21,326 20,363 18,218	24,452 28,635 18,350 24,876 22,154 21,257 19,293	25,208 29,602 18,810 25,664 22,521 22,137 19,785	26,229 30,532 19,531 26,841 23,820 22,762 20,553	27,426 31,947 20,240 28,051 25,008 24,046 21,359	28,820 33,472 21,293 29,618 26,042 25,123 22,295	30,676 35,636 22,394 31,592 27,746 26,855 23,382	32,373 37,338 23,499 33,496 29,480 28,262 24,602	34,264 39,167 24,960 35,733 30,905 29,720 25,892	5.8 4.9 6.2 6.7 4.8 5.2 5.2	120 137 88 125 108 104 91	
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	23,211 22,342 28,068 23,571 25,153 23,942 20,505	24,393 23,094 30,013 24,358 26,597 25,199 21,550	24,937 23,823 31,665 25,104 27,101 25,589 22,211	25,700 24,530 32,743 26,046 27,885 26,359 22,864	26,856 25,391 33,045 26,896 29,277 27,721 23,738	28,201 26,640 34,401 27,844 30,795 29,266 24,838	29,585 27,605 35,230 29,112 32,582 30,538 26,211	31,100 29,383 36,415 30,557 34,383 32,108 27,469	32,717 30,685 38,228 32,166 36,106 33,946 28,676	5.2 4.4 5.0 5.3 5.0 5.7 4.4	115 108 134 113 127 119 101	9
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	19,599 21,320 18,055 19,318 19,217 18,711	20,764 22,764 19,269 20,278 20,242 19,872	21,575 23,386 20,112 21,390 20,999 20,639	22,724 24,440 21,153 22,862 22,063 21,699	23,703 25,643 21,845 23,975 22,887 22,573	24,604 27,005 22,775 24,447 23,613 23,554	25,965 28,468 23,909 25,780 24,998 24,941	27,187 29,853 25,163 26,885 26,073 26,284	28,303 31,278 26,092 27,844 27,081 27,412	4.1 4.8 3.7 3.6 3.9 4.3	99 110 91 98 95 96	7 30 19 25 22
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	18,842 17,859 18,832 20,489 18,560 18,766 16,270 16,961	19,928 18,939 19,955 21,698 19,542 19,688 17,692 17,966	20,389 18,929 20,510 22,068 20,295 20,167 17,830 18,565	21,558 20,498 21,352 23,467 21,267 21,168 19,033 19,607	22,363 21,181 21,889 24,583 22,094 22,196 19,084 19,848	23,802 22,713 23,121 26,267 23,099 24,045 21,166 21,736	24,936 23,882 24,406 27,536 24,368 24,769 20,876 22,410	26,118 24,745 25,537 29,263 25,150 25,924 22,892 23,715	27,285 25,727 26,633 30,622 26,187 27,437 23,518 25,107	4.5 4.0 4.3 4.6 4.1 5.8 2.7 5.9	96 90 93 107 92 96 82 88	33 26 10 29 21 38 36
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	17,974 16,536 15,255 20,189 18,289 16,241 16,076 13,806 17,879 16,409 17,503 21,092 15,219	18,887 17,462 16,425 20,661 19,333 17,320 16,968 14,711 19,120 17,165 18,840 21,965 16,118	19,690 17,991 16,995 21,652 20,129 17,815 17,717 15,468 20,042 17,805 19,741 22,773 16,724	20,563 18,860 17,750 22,340 21,170 18,514 18,779 16,549 20,931 18,686 20,696 23,709 17,413	21,500 19,683 18,546 23,512 22,230 19,215 19,541 17,185 21,938 19,473 21,800 24,456 17,913	22,477 20,329 19,442 24,616 23,586 20,155 20,254 18,044 22,940 20,403 22,450 25,495 18,566	23,545 21,260 20,342 25,645 24,594 21,286 21,254 18,873 24,210 21,416 23,445 26,810 19,406	24,605 22,054 21,167 26,845 25,839 22,206 19,776 25,181 22,372 24,437 28,063 20,185	25,708 22,946 22,114 28,023 27,198 23,161 22,792 20,506 26,220 23,496 25,581 29,484 20,888	4.5 4.4 5.3 4.4 5.3,7 4.1 5.0 5.1 5.1	90 80 78 98 95 81 80 72 92 82 90 103 73	43 47 18 23 42 45 50 28 39 34 15 49
Southwest Arizona New Mexico Oklahoma Texas	1 7,745 17,563 15,744 16,721 18,150	18,636 18,131 16,425 17,526 19,146	19,300 18,756 17,226 18,085 19,825	20,086 19,774 17,946 18,730 20,590	20,978 20,634 18,852 19,394 21,526	21,946 21,611 19,478 20,151 22,557	23,261 22,839 20,288 21,080 23,998	24,551 24,206 21,164 21,964 25,369	25,653 25,307 22,063 22,801 26,525	4.5 4.5 4.2 3.8 4.6	90 89 77 80 93	35 48 44 27
Rocky Mountain Colorado Idaho Montana Utah Wyoming	18,208 20,487 16,195 16,509 15,661 18,867	19,062 21,447 17,236 17,114 16,354 19,550	20,003 22,526 18,258 18,072 17,031 20,287	20,782 23,498 18,846 18,129 17,912 20,957	21,841 24,865 19,630 18,764 18,858 21,514	22,930 26,231 20,353 19,383 19,955 22,098	24,332 28,070 21,013 20,130 21,192 23,601	25,783 29,994 22,079 21,229 22,240 24,312	27,244 31,678 23,445 22,314 23,356 26,003	5.7 5.6 6.2 5.1 5.0 7.0	96 111 82 78 82 91	6 40 46 41 31
Far West Alaska California Hawaii Nevada Oregon Washington	21,686 23,264 22,024 23,155 21,283 18,806 20,901	22,457 23,913 22,722 24,227 22,694 19,558 21,917	22,784 24,772 22,927 25,026 23,465 20,404 22,414	23,397 25,253 23,473 25,335 24,635 21,421 23,119	24,380 25,798 24,496 25,584 25,808 22,668 23,878	25,456 26,057 25,563 25,661 27,142 23,649 25,287	26,723 26,990 26,779 26,299 28,216 24,987 27,018	28,068 27,835 28,163 26,759 29,200 25,912 28,719	29,637 28,523 29,819 27,842 30,351 27,135 30,295	5.6 2.5 5.9 4.0 3.9 4.7 5.5	104 100 105 98 106 95 106	17 13 20 11 24 12

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 $\label{eq:NOTE.} \textbf{MOTE.} \textbf{--} \textbf{Per capita personal income is total personal income divided by total midyear population estimates of the Bureau of the Census.}$

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

[Millions of dollars]

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

Table 3.—Disposable Personal Income by State and Region, 1969–99—Continued [Millions of dollars]

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

Table 3.—Disposable Personal Income by State and Region, 1969-99—Continued [Millions of dollars]

Area name	1991 "	1992 °	1993 °	1994 °	1995 °	1996 *	1997 *	1998 *	1999 <i>p</i>		Percent	change	
Alea lialle	1991	1332	1990	1004	1930	1330	1337	1330	13337	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 Connecticut Maine Massachusetts New Hampshire Rhode Island	267,404 76,875 19,349 122,867 21,151 18,052	280,488 80,576 20,201 129,010 22,103 18,859	288,709 82,844 20,752 132,997 22,532 19,540	300,455 85,432 21,440 139,020 24,089 19,943	313,002 88,432 22,173 144,898 25,490 20,990	326,543 91,536 23,257 151,896 26,610 21,780	344,863 95,808 24,334 161,316 28,363 23,073	362,543 99,398 25,379 170,771 30,289 24,153	384,856 104,357 26,979 182,716 32,108 25,451	4.3 3.5 4.9 4.8 4.4 3.8	5.6 4.7 4.6 6.2 6.6 5.9	5.1 3.7 4.3 5.9 6.8 4.7	6.2 5.0 6.3 7.0 6.0 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 Delaware District of Columbia Maryland New Jersey New York Pennsylvania	883,749 13,175 14,472 98,602 170,244 371,139 216,117	934,337 13,857 15,367 103,345 181,313 393,007 227,449	956,118 14,458 16,021 107,130 184,976 398,152 235,380	985,152 14,987 16,108 111,714 190,873 409,531 241,939	1,029,185 15,686 15,840 116,066 201,166 430,223 250,204	1,073,172 16,547 15,862 119,755 211,334 450,040 259,634	1,116,777 17,115 15,616 124,314 222,746 465,130 271,855	1,165,408 18,294 15,686 130,550 234,042 484,178 282,658	1,224,705 19,377 16,326 138,009 246,349 510,808 293,835	4.3 5.5 .1 3.2 5.1 4.6 3.8	4.1 3.4 -1.6 3.8 5.4 3.4 4.7	4.4 6.9 .4 5.0 5.1 4.1 4.0	5.1 5.9 4.1 5.7 5.3 5.5 4.0
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	727,594 215,129 88,687 158,728 184,273 80,778	780,481 232,885 95,557 169,260 196,040 86,738	812,905 240,049 100,287 178,222 203,557 90,790	858,326 251,348 105,732 191,244 214,195 95,807	897,966 264,821 109,861 201,124 221,905 100,255	930,464 278,447 114,831 204,949 227,746 104,491	981,042 292,889 120,783 216,124 240,700 110,546	1,024,446 306,256 127,061 224,926 249,868 116,334	1,068,300 321,633 132,069 233,614 259,108 121,876	3.6 5.1 4.5 1.9 2.6 4.2	5.4 5.2 5.2 5.5 5.7 5.8	4.4 4.6 5.2 4.1 3.8 5.2	4.3 5.0 3.9 3.9 3.7 4.8
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	295,857 43,945 41,549 78,848 84,750 26,592 9,284 10,889	315,924 47,061 44,749 84,100 90,076 28,134 10,168 11,637	324,781 47,044 46,187 86,060 94,259 28,940 10,205 12,086	345,586 51,202 48,388 92,422 99,187 30,483 10,967 12,938	359,419 53,020 49,628 97,206 103,462 32,023 10,960 13,120	382,827 56,896 52,367 103,586 108,364 34,932 12,226 14,456	401,176 59,541 55,253 109,251 114,632 35,852 11,904 14,743	419,812 61,419 57,939 116,517 117,993 37,409 13,001 15,534	440,939 63,851 60,726 124,175 122,867 39,660 13,207 16,453	6.5 7.3 5.5 6.6 4.7 9.1 11.6 10.2	4.8 4.6 5.5 5.8 2.6 -2.6 2.0	4.6 3.2 4.9 6.7 2.9 4.3 9.2 5.4	5.0 4.0 4.8 6.6 4.1 6.0 1.6 5.9
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	964,979 60,374 32,436 241,179 106,663 53,343 32,530 106,276 52,003 78,370 115,916 24,466	1,028,421 64,646 35,322 250,068 115,346 57,503 34,944 115,442 55,135 85,500 122,905 26,104	1,084,404 67,355 36,973 265,755 121,943 59,608 68,525 36,971 122,832 57,628 90,814 128,744 27,255	1,143,999 71,026 38,822 278,381 130,870 62,223 72,873 39,826 129,685 60,782 96,329 134,876 28,306	1,208,156 74,485 40,945 296,985 139,674 64,839 75,996 41,699 138,006 63,606 102,796 140,055 29,070	1,269,457 77,079 43,230 312,805 150,182 68,160 78,079 43,943 145,935 66,986 106,568 146,489 30,001	1,339,031 80,911 45,361 328,706 158,735 72,186 81,667 46,205 155,509 71,015 112,276 155,254 31,205	1,405,738 840,46 47,174 346,602 168,896 75,270 85,095 48,525 163,045 74,814 117,550 162,496 32,225	1,481,122 87,693 49,527 365,711 180,881 78,941 87,510 50,504 171,564 79,622 124,068 171,894 33,206	5.1 3.5 5.3 7.5 5.1 2.7 5.4 5.7 5.3 3.7 4.6	5.5 5.0 5.1 5.7 5.9 4.6 6.0 5.4 6.0 4.0	5.0 3.9 4.0 5.4 6.4 4.3 4.2 5.0 4.8 5.3 4.7 4.7	5.4 4.3 5.0 5.5 7.1 4.9 2.8 4.1 5.2 6.4 5.5 5.8 3.0
Southwest Arizona New Mexico Oklahoma Texas	410,172 58,565 21,855 46,986 282,767	439,956 62,367 23,273 50,042 304,274	464,100 66,449 24,838 52,041 320,773	492,201 72,575 26,425 54,038 339,164	523,337 78,460 28,290 56,276 360,310	552,859 83,726 29,502 58,473 381,159	592,317 90,496 30,857 61,161 409,803	632,042 97,740 32,233 63,775 438,293	670,146 104,430 33,746 66,491 465,480	5.6 6.7 4.3 3.9 5.8	7.1 8.1 4.6 4.6 7.5	6.7 8.0 4.5 4.3 7.0	6.0 6.8 4.7 4.3 6.2
Rocky Mountain Colorado Idaho Montana Utah Wyoming	119,535 60,422 14,915 11,902 24,546 7,749	128,071 64,886 16,199 12,544 26,324 8,118	137,840 69,920 17,748 13,542 28,139 8,491	146,283 74,533 18,859 13,749 30,278 8,865	157,037 80,723 20,135 14,492 32,526 9,160	166,565 86,111 21,208 15,037 35,002 9,207	178,844 93,421 22,258 15,578 37,806 9,781	191,172 101,040 23,678 16,379 40,090 9,986	204,851 108,708 25,558 17,294 42,623 10,668	6.1 6.7 5.3 3.8 7.6 .5	7.4 8.5 5.0 3.6 8.0 6.2	6.9 8.2 6.4 5.1 6.0 2.1	7.2 7.6 7.9 5.6 6.3 6.8
Far West Alaska California Hawaii Nevada Oregon Washington	787,008 11,755 587,098 22,831 24,155 47,830 93,339	834,221 12,466 619,648 24,461 26,600 50,626 100,421	855,924 13,156 630,001 25,581 28,381 53,731 105,075	884,668 13,443 646,579 26,237 31,561 57,130 109,717	926,681 13,755 674,953 26,674 34,623 61,581 115,095	967,506 13,919 701,878 26,730 37,634 64,801 122,543	1,020,762 14,450 736,458 27,431 41,159 69,022 132,243	1,078,856 14,990 778,309 27,794 44,085 71,966 141,711	28,813 47,412 76,154	4.4 1.2 4.0 .2 8.7 5.2 6.5	5.5 3.8 4.9 2.6 9.4 6.5 7.9	5.7 3.7 5.7 1.3 7.1 4.3 7.2	6.7 3.2 6.9 3.7 7.5 5.8 6.4

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.

P Preliminary.
Prevised.
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

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

Area name	1969 <i>°</i>	1970 °	1971 °	1972 r	1973 ⁻	1974 -	1975 <i>°</i>	1976 ⁻	1977 -	1978 r	1979 ⁻
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	3,584 4,090 2,786 3,571 3,309 3,403 2,930	3,869 4,414 3,075 3,866 3,424 3,661 3,161	4,123 4,666 3,276 4,147 3,670 3,824 3,449	4,366 4,941 3,500 4,385 3,893 4,067 3,667	4,794 5,450 3,876 4,804 4,350 4,379 4,041	5,206 5,949 4,281 5,202 4,685 4,753 4,325	5,629 6,409 4,553 5,645 5,030 5,240 4,631	6,113 6,895 5,159 6,101 5,584 5,697 5,164	6,672 7,622 5,557 6,633 6,118 6,238 5,500	7,376 8,428 6,075 7,343 6,852 6,753 6,257	8,204 9,448 6,711 8,134 7,727 7,468 6,939
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	3,688 3,635 3,871 3,491 3,921 3,875 3,314	3,991 3,814 4,313 3,866 4,233 4,188 3,568	4,286 4,091 4,827 4,194 4,549 4,500 3,801	4,551 4,425 5,254 4,457 4,828 4,757 4,058	4,993 4,895 5,628 4,933 5,331 5,164 4,509	5,431 5,315 6,332 5,368 5,779 5,586 4,952	5,921 5,709 7,026 5,887 6,269 6,068 5,438	6,412 6,147 7,523 6,455 6,797 6,499 5,975	6,981 6,632 8,411 6,960 7,386 7,063 6,549	7,689 7,266 8,963 7,688 8,193 7,750 7,234	8,462 7,950 9,591 8,467 9,030 8,514 7,996
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	3,474 3,718 3,210 3,549 3,397 3,210	3,648 3,930 3,333 3,641 3,591 3,457	3,939 4,251 3,628 3,942 3,849 3,727	4,221 4,534 3,896 4,272 4,106 3,996	4,758 5,122 4,504 4,815 4,576 4,472	5,152 5,584 4,729 5,165 5,015 4,876	5,581 6,113 5,159 5,554 5,368 5,315	6,130 6,609 5,710 6,175 5,926 5,824	6,771 7,256 6,286 6,874 6,555 6,438	7,479 8,008 6,964 7,562 7,251 7,142	8,241 8,784 7,637 8,310 8,008 8,028
Plains Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	3,124 3,208 3,104 3,271 3,074 3,133 2,723 2,713	3,384 3,419 3,363 3,557 3,364 3,358 2,892 2,982	3,652 3,584 3,706 3,790 3,629 3,712 3,360 3,283	3,965 3,937 4,085 4,038 3,877 4,001 4,002 3,776	4,675 4,796 4,662 4,807 4,358 4,674 5,659 4,767	4,865 4,840 4,996 5,065 4,626 4,787 5,438 4,711	5,347 5,438 5,470 5,429 5,508 5,508 5,650 5,232	5,701 5,729 5,935 5,841 5,556 5,740 5,513 5,093	6,291 6,351 6,410 6,552 6,162 6,140 5,762 5,867	7,114 7,389 7,065 7,311 6,818 7,178 7,278 6,747	7,810 7,906 8,003 8,050 7,598 7,668 7,491 7,476
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	2,706 2,425 2,329 3,213 2,755 2,557 2,557 2,666 2,505 2,622 2,045 2,449	2,956 2,670 2,548 3,560 3,000 2,812 2,796 2,385 2,891 2,745 2,840 3,264 2,757	3,205 2,901 2,802 3,833 3,274 3,023 2,999 2,631 3,117 2,938 3,097 3,556 3,004	3,484 3,163 3,076 4,136 3,556 3,265 3,214 2,900 3,417 3,172 3,413 3,842 3,259	3,920 3,538 3,581 4,633 3,992 3,686 3,287 3,853 3,567 3,853 3,567 3,853 3,559	4,275 3,880 4,989 4,319 4,015 3,544 4,162 3,940 4,210 4,701 3,929	4,654 4,292 4,227 5,334 4,657 4,397 4,458 3,846 4,524 4,277 4,542 5,209 4,399	5,103 4,769 4,620 5,732 5,101 4,848 4,950 4,315 4,960 4,702 5,027 5,027 4,823	5,585 5,207 5,100 6,285 5,541 5,365 5,449 4,785 5,358 5,070 5,513 6,242 5,339	6,243 5,803 5,858 7,058 6,186 5,957 6,131 5,226 5,972 5,635 6,189 6,940 5,930	6,915 6,395 6,333 7,864 6,756 6,714 6,842 5,877 6,519 6,198 6,829 7,760 6,532
Southwest Arizona New Mexico Oklahoma Texas	2,916 3,058 2,592 2,812 2,947	3,201 3,385 2,850 3,095 3,227	3,445 3,696 3,110 3,344 3,457	3,697 3,958 3,381 3,567 3,711	4,145 4,400 3,722 4,055 4,158	4,535 4,729 4,091 4,399 4,570	5,037 5,016 4,597 4,904 5,112	5,528 5,474 4,991 5,322 5,632	6,023 5,944 5,494 5,835 6,128	6,810 6,734 6,121 6,477 6,960	7,634 7,591 6,805 7,425 7,763
Rocky Mountain Colorado Idaho Montana Utah Wyoming	3,008 3,193 2,910 2,871 2,735 3,160	3,342 3,559 3,194 3,221 3,026 3,476	3,622 3,896 3,376 3,410 3,291 3,812	3,946 4,170 3,750 3,874 3,558 4,251	4,404 4,643 4,222 4,444 3,865 4,814	4,846 5,103 4,788 4,755 4,228 5,393	5,264 5,573 4,996 5,166 4,647 5,945	5,714 6,050 5,476 5,485 5,118 6,342	6,215 6,597 5,814 5,833 5,629 7, 1 69	7,019 7,423 6,522 6,837 6,254 8,225	7,732 8,295 7,023 7,248 6,891 9,122
Far West Alaska California Hawaii Nevada Oregon Washington	3,847 4,034 3,961 3,890 3,833 3,143 3,587	4,149 4,534 4,272 4,382 4,360 3,431 3,754	4,392 4,862 4,516 4,663 4,660 3,700 3,948	4,677 5,103 4,801 4,918 4,924 4,023 4,217	5,169 5,931 5,291 5,325 5,425 4,487 4,723	5,694 6,891 5,809 6,052 5,735 4,969 5,268	6,262 8,932 6,360 6,578 6,353 5,446 5,834	6,847 10,151 6,945 6,964 6,893 6,039 6,398	7,442 10,437 7,571 7,351 7,588 6,511 6,961	8,297 10,695 8,450 7,993 8,595 7,285 7,823	9,268 11,162 9,479 8,881 9,389 8,068 8,699

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

Area name	1980 °	1981 <i>*</i>	1982 <i>*</i>	1983 <i>°</i>	1984 <i>*</i>	1985 ⁻	1986°	1987 r	1988 ^r	1989 ^r	1990 °
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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	9,226	10,175	11,007	11,956	13,402	14,292	15,220	16,426	18,145	19,216	19,874
	10,655	11,817	12,678	13,776	15,411	16,298	17,305	18,742	20,815	22,364	23,279
	7,502	8,166	8,657	9,373	10,423	11,143	11,895	12,779	13,887	14,827	15,414
	9,121	10,013	10,935	11,896	13,415	14,336	15,316	16,557	18,370	19,248	19,915
	8,757	9,753	10,583	11,596	12,969	13,999	14,916	16,144	17,493	18,279	18,450
	8,520	9,465	10,207	10,977	12,171	13,011	13,724	14,524	16,052	17,249	17,795
	7,663	8,520	9,091	9,717	10,706	11,484	12,168	13,084	14,218	15,315	15,838
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	9,421	10,357	11,125	11,980	13,221	14,049	14,880	15,780	17,238	18,352	19,514
	8,984	9,799	10,657	11,487	12,668	13,749	14,330	15,391	16,675	18,015	18,612
	10,480	11,328	12,471	13,202	14,571	15,443	16,192	17,100	19,196	20,769	22,92
	9,530	10,405	11,167	12,173	13,413	14,573	15,447	16,337	17,767	18,767	19,712
	10,137	11,198	12,004	13,036	14,414	15,227	16,105	17,272	19,129	20,391	21,503
	9,480	10,459	11,252	12,154	13,531	14,278	15,191	16,060	17,583	18,582	19,899
	8,817	9,642	10,323	10,944	11,880	12,689	13,360	14,123	15,203	16,401	17,433
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	8,971	9,733	10,248	10,814	12,012	12,730	13,386	13,999	14,978	15,853	16,699
	9,519	10,502	11,108	11,630	12,925	13,610	14,304	15,038	16,141	17,054	18,042
	8,246	8,990	9,362	9,865	11,006	11,578	12,199	12,896	13,742	14,625	15,398
	9,009	9,621	10,027	10,675	11,876	12,804	13,550	13,998	15,010	15,850	16,589
	8,797	9,502	10,048	10,658	11,856	12,566	13,152	13,701	14,707	15,565	16,442
	8,811	9,482	10,073	10,562	11,589	12,170	12,761	13,456	14,180	15,074	15,817
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	8,365	9,377	9,864	10,442	11,752	12,414	13,011	13,660	14,258	15,167	16,007
	8,366	9,496	9,797	10,105	11,431	11,974	12,568	13,238	13,574	14,601	15,295
	8,674	9,614	10,273	10,825	12,035	12,635	13,244	13,749	14,427	14,973	16,005
	8,867	9,685	10,309	10,866	12,431	13,168	13,899	14,671	15,308	16,459	17,328
	8,195	9,082	9,515	10,321	11,479	12,240	12,814	13,440	14,221	15,026	15,611
	8,099	9,410	9,709	10,299	11,662	12,356	12,776	13,473	14,314	15,011	16,071
	7,085	9,056	9,831	10,263	11,149	11,623	11,965	12,297	11,438	12,916	14,320
	7,362	8,570	8,936	9,346	10,772	11,047	11,560	12,174	12,711	13,531	14,846
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	7,666 6,741 8,857 7,442 7,267 7,709 6,347 7,208 6,880 7,449 8,784 7,162	8,505 7,702 7,616 9,839 8,247 7,996 8,686 7,034 8,007 7,597 8,227 9,681 7,779	9,028 8,197 7,905 10,278 8,838 8,429 9,269 7,524 8,562 8,041 8,709 10,419 8,328	9,674 8,728 8,466 11,276 9,514 8,708 9,647 7,772 9,231 8,661 9,251 11,284 8,534	10,768 9,512 12,395 10,748 9,869 10,388 8,589 10,432 9,727 10,376 12,562 9,279	11,419 10,329 10,121 13,085 11,518 10,266 10,820 8,998 11,159 10,376 11,055 13,348 9,736	12,002 10,884 10,567 13,666 12,269 10,665 10,867 9,376 11,847 10,901 11,742 14,184 10,258	12,684 11,457 10,925 14,540 12,930 11,317 11,061 9,906 12,518 11,563 12,512 15,028 10,688	13,676 12,380 11,696 15,650 13,931 12,033 11,876 10,657 13,596 12,512 13,470 16,181 11,429	14,585 13,241 12,372 16,919 14,687 12,852 12,586 11,364 14,435 13,082 14,295 17,162	15,44; 14,09; 12,98; 17,73; 15,53; 13,62; 13,68; 11,92; 15,25; 14,19; 15,19; 17,89; 12,99;
Southwest Arizona New Mexico Oklahoma Texas	8,493	9,564	10,113	10,605	11,631	12,322	12,520	12,785	13,562	14,348	15,251
	8,493	9,348	9,634	10,346	11,471	12,232	12,826	13,404	14,073	14,677	15,247
	7,520	8,253	8,716	9,346	10,151	10,827	11,083	11,382	11,959	12,585	13,396
	8,329	9,422	10,036	10,285	11,244	11,767	12,038	12,034	12,748	13,576	14,264
	8,616	9,753	10,344	10,832	11,871	12,584	12,681	12,926	13,751	14,579	15,600
Rocky Mountain Colorado Idaho Montana Utah Wyoming	8,611	9,500	10,028	10,646	11,560	12,063	12,415	12,857	13,512	14,463	15,402
	9,347	10,430	11,098	11,928	13,028	13,575	13,922	14,452	15,250	16,261	17,251
	7,779	8,286	8,557	9,240	9,956	10,452	10,799	11,356	12,175	13,152	14,071
	8,009	8,999	9,473	9,842	10,478	10,657	11,269	11,652	11,916	12,946	13,785
	7,515	8,204	8,640	9,218	10,075	10,594	10,943	11,245	11,706	12,448	13,219
	10,166	11,051	11,545	11,229	12,020	12,704	12,616	12,757	13,467	14,612	16,077
Far West Alaska California Hawaii Nevada Oregon Washington	10,250	11,219	11,802	12,481	13,648	14,393	15,011	15,682	16,763	17,585	18,657
	12,738	13,862	15,699	16,569	17,091	17,903	17,673	17,206	17,827	19,003	19,937
	10,497	11,541	12,119	12,769	14,032	14,815	15,442	16,142	17,239	17,985	19,027
	10,054	10,748	11,514	12,354	13,322	13,959	14,560	15,242	16,536	17,758	19,428
	10,348	11,187	11,449	11,959	12,848	13,573	14,141	14,833	15,905	17,144	18,112
	8,788	9,395	9,644	10,352	11,320	11,876	12,345	13,004	14,190	14,933	16,003
	9,544	10,378	11,038	11,769	12,630	13,241	13,969	14,572	15,494	16,583	17,761

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

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

P Preliminary.Revised.

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

				<u>.</u>	Inited State	s						lew Englar	nd		Enominoris
Line	ltem	1993 ′	1994 °	1995 °	1996 "	1997 °	1998 °	1999 <i>p</i>	1993 °	1994 -	1995 °	1996	1997 °	1998 °	1999 <i>p</i>
1 2 3	Income by Place of Residence Personal income (lines 4-9) Population (thousands) 2 Per capita personal income (dollars) 3	5,598,446 257,783 21,718	5,878,362 260,327 22,581	6,192,235 262,803 23,562	6,538,103 265,229 24,651	6,942,114 267,784 25,924	7,351,547 270,248 27,203	7,776,493 272,691 28,518	333,140 13,216 25,208	347,347 13,243 26,229	364,297 13,283 27,426	384,144 13,329 28,820	410,384 13,378 30,676	434,722 13,429 32,373	462,422 13,496 34,264
4 5 6 7 8 9	Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Dividends, interest, and rent 6	4,019,490 237,265 -798 3,781,427 1,018,460 798,559	4,212,378 253,544 -860 3,957,974 1,086,612 833,776	268,271 -893 4,142,858	4,653,407 279,891 -914 4,372,602 1,236,804 928,697	4,960,879 297,564 -979 4,662,336 1,317,431 962,347	1,382,416	5,653,061 334,041 -1,170 5,317,849 1,440,453 1,018,191	236,243 13,519 4,163 226,887 60,401 45,852	246,210 14,355 4,219 236,073 63,068 48,206	257,171 15,269 4,835 246,737 66,382 51,178	271,302 15,958 5,615 260,959 70,663 52,522	290,590 17,088 5,642 279,143 76,067 55,174	310,860 18,096 5,567 298,330 80,205 56,186	334,229 19,297 5,964 320,896 83,541 57,985
10 11 12 13	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income? Farm Nonfarm	478,158	3,232,379 503,265 476,734 32,099 444,635	3,421,108 493,090 497,824 22,322 475,502	3,623,084 485,597 544,726 34,244 510,482	3,885,737 496,450 578,692 29,570 549,122	4,184,088 511,221 606,757 25,724 581,033	4,469,617 531,172 652,272 25,001 627,271	183,355 27,398 25,490 421 25,070	190,868 28,367 26,974 369 26,605	202,237 27,560 27,374 248 27,126	214,074 27,908 29,319 303 29,016	230,721 28,364 31,505 209 31,296	248,290 29,270 33,299 264 33,035	267,269 30,776 36,184 262 35,922
15 16 17 18 19 20 21 22 23 24 25 26	Farm Nonfarm Private Agricultural services, forestry, fishing, and other s Agricultural services Forestry, fishing, and other s Mining Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels Construction	43,601 3,975,889 3,253,306 27,768 24,064 3,704 37,397 2,491 6,930 23,632 4,344 208,155	45,431 4,166,947 3,418,813 26,901 23,253 3,648 38,791 2,512 7,058 24,522 4,699 228,180	36,696 4,375,326 3,606,034 27,942 24,368 3,574 39,457 2,914 6,907 24,943 4,693 238,030	49,490 4,603,917 3,810,189 28,529 25,463 3,066 40,969 3,092 6,668 26,437 4,772 256,466	45,698 4,915,181 4,094,756 31,401 27,957 3,444 45,988 3,031 6,719 31,259 4,979 276,965	43,016 5,259,050 4,408,261 34,445 30,780 3,665 47,984 2,883 6,766 32,993 5,342 302,174	44,172 5,608,888 4,721,444 38,395 n.a. 45,242 n.a. n.a. n.a. 328,776	731 235,512 201,197 1,490 1,156 334 214 5 25 47 136 11,048	677 245,532 210,107 1,323 1,075 249 226 1 13 56 157 11,922	599 256,572 220,180 1,358 1,110 248 235 1 24 63 146 12,505	687 270,614 232,890 1,425 1,199 226 247 1 16 84 147 13,356	608 289,982 251,046 1,570 1,319 251 280 (L) 17 111 152 14,522	664 310,195 269,882 1,740 1,474 266 302 (L) 18 117 166 15,977	699 333,531 291,462 1,992 n.a. n.a. n.a. n.a. n.a. n.a.
278 299 301 322 334 355 367 388 39 41 42 44 456 47 488 4950	Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Textile mill products Apparel and other lextile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Rubber and miscellaneous plastics products	730,237 440,648 22,941 13,843 19,404 33,229 50,502 86,013 65,180 51,046 45,410 41,217 11,863 289,589 53,850 2,561 17,479 20,131 29,042 57,036 67,109 9,908 29,703 2,770	767,480 466,876 25,056 114,744 20,675 33,3922 54,185 91,450 69,469 59,270 44,045 41,063 11,987 11,7990 20,523 29,843 59,669 91,019 31,948 10,193 31,948	790,747 484,854 25,532 14,921 21,430 33,987 56,576 96,045 73,330 65,430 42,744 41,506 41,506 42,744 41,506	800,423 489,648 26,337 15,161 22,739 35,158 57,700 99,640 43,335 44,122 310,772 310,772 57,313 2,817 17,328 19,331 31,003 62,307 74,868 9,903 34,201 2,501	847.972 523.667 27.884 16.533 23.387 35.845 60.836 108.556 84.254 58.460 46.853 46.527 13.24,305 59.724 2.866 18.113 19.292 32.144 65.011 78.806 9.496 36.383 2.470	891,190 554,820 29,724 17,7858 24,817 36,990 63,736 115,562 89,852 61,702 62,155 52,089 18,062 19,043 33,438 68,831 82,310 81,009 38,214	916,055 570,262 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	46,751 31,914 408 800 1,182 3,713 6,957 5,219 5,224 5,215 1,630 14,838 1,613 50 1,098 2,352 3,718 2,586 1,466 2,020 5,178 2,561	47,815 32,325 917 440 810 1,237 3,899 6,939 6,939 6,957 5,170 1,666 29 1,155 682 2,395 3,971 2,719 2,139 5,61	48,624 32,758 948 434 4805 1,253 1,253 6,849 6,549 2,77 4,677 5,179 1,712 15,866 1,633 66 1,159 678 2,440 4,099 2,859 2,256 509	50,174 33,944 1,024 451 815 1,395 4,120 7,175 288 4,549 5,311 1,703 16,230 1,695 66 2,496 4,220 3,058 202 2,224 449	53.280 36,136 1,108 51,11 845 1,431 4,456 7,514 7,781 389 4,703 5,636 1,761 17,144 1,763 1,763 1,761 17,144 1,763 2,592 4,420 3,347 212 2,442 4,420 4,440 4,420 4,	55,823 37,996 550 892 1,495 4,499 8,144 4,184 1,805 1,805 1,163 1,163 2,552 4,706 3,638 215 2,535 (P)	58,149 39,195 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
51 52 53 54 55 5 0 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	270,005 12,760 56,650 7,085 63,548 71,605 58,357	284,457 12,767 61,350 7,368 67,845 75,589 59,538	296,993 12,718 63,542 7,147 71,050 81,829 60,707	314,941 12,984 64,848 7,449 75,746 89,498 64,416	336,749 13,151 70,385 7,975 80,709 97,761 66,768	357,379 14,081 75,730 8,447 86,737 103,449 68,935	375,420 n.a. n.a. n.a. n.a. n.a. n.a.	12,621 239 2,035 223 2,826 3,389 3,908	13,202 257 2,187 236 2,989 3,561 3,971	13,512 266 2,232 233 3,165 3,634 3,981	14,141 269 2,260 265 3,307 3,778 4,263	14,976 287 2,426 274 3,486 3,998 4,504	16,006 (P) 2,639 300 3,795 4,402 (P)	16,544 n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	240,756 357,069 319,974 90,056 229,918	254,295 377,922 324,891 91,678 233,213	269,930 396,948 351,384 93,617 257,767	283,644 414,592 388,913 101,458 287,455	304,106 438,125 430,953 111,930 319,023	329,422 464,753 477,189 125,808 351,381		14,167 21,304 22,472 5,207 17,265	14,873 22,229 22,977 5,373 17,605	16,076 23,035 24,768 5,435 19,334	16,826 24,032 26,687 5,829 20,857	18,187 25,326 29,696 6,537 23,159	19,630 26,855 33,120 (^D)	21,237 29,016 37,052 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	1,061,945 33,956 35,645 10,507 186,190 30,812 14,574 33,161 17,867 339,564 85,902 45,089 36,406 1,496 39,848 136,583 14,345	33,634 14,628 34,996 17,718 354,571 86,710 47,935 39,411 1,622	1,194,603 38,421 37,191 11,620 228,393 34,718 15,752 39,198 20,508 372,027 88,510 50,865 42,411 1,703 43,090 154,242 15,954	1,281,712 40,610 38,114 11,738 259,398 36,510 16,219 42,251 22,258 395,212 92,521 53,021 44,602 1,833 45,246 164,920 17,259	1,382,497 42,284 40,467 11,784 301,308 38,675 16,426 44,542 22,702 411,594 98,673 56,267 47,665 1,975 47,027 180,567 20,541	1,503,725 46,000 42,722 13,694 347,420 42,238 17,748 48,720 24,253 428,607 105,897 61,078 51,919 2,150 49,382 200,603 21,094	1,644,906 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	71,130 1,546 2,017 4,660 11,652 830 1,654 523 23,921 5,252 6,128 2,850 135 1,610 9,992 794	75,540 1,595 2,071 13,469 1,829 770 1,846 436 24,913 5,770 6,340 3,078 143 1,785 10,155 860	80,067 1,688 2,129 511 14,752 1,846 830 1,903 497 25,919 5,862 6,706 3,278 1,809 11,286 909	86,003 1,762 2,217 513 16,961 1,979 863 2,079 502 27,622 5,855 6,960 3,431 1,918 12,127 1,065	93,209 1,832 2,360 511 19,607 2,118 895 2,268 4,869 6,264 7,323 3,704 160 2,036 13,679 1,270	100,428 2,048 2,483 2,272 975 2,472 503 29,640 6,728 7,752 3,988 174 2,239 15,047	109,317 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local	722,583 159,012 71,761 491,810 144,267 347,543	748,134 162,766 69,974 515,394 151,800 363,594	769,292 163,699 68,174 537,419 157,891 379,528	793,728 166,161 70,667 556,900 163,345 393,555	820,425 169,753 70,622 580,050 168,326 411,724	850,789 173,093 70,159 607,537 174,023 433,514	887,444 180,717 70,619 636,109 n.a. n.a.	34,314 6,402 2,038 25,875 9,483 16,391	35,425 6,468 1,875 27,081 10,004 17,078	36,392 6,730 1,760 27,902 10,145 17,757	1,845 29,082	38,936 6,938 1,849 30,149 10,669 19,480	40,313 6,949 1,762 31,602 11,296 20,307	42,069 7,288 1,767 33,014 n.a. n.a.

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

of dollars	il ———						,							r							
4000 -	1001-		Connecticut		1000 "	4000-	1993 r	1994 "	1995 <i>r</i>	Maine 1996 r	1997 -	1993 r	1994 "		assachuse		4000 =	4000 11	Line		
96,866 3,272	99,788 3,268	1995 ° 104,315 3,265	1996 r 109,354 3,267	1997 ° 116,477 3,269	1998 ° 122,191 3,273	1999 <i>p</i> 128,548 3,282	8,548 23,292 24,174 25,046 26,434 27,886 29,316 31,276 15 3,282 1,238 1,238 1,237 1,241 1,245 1,248 1,253									1995 ° 170,052 6,062	1996 r 180,237 6,085	1997 ° 193,199 6,115	19987 205,814 6,144	1999 <i>p</i> 220,658 6,175	1 2 3
29,602 67,239 3,839 3,466 66,866 18,279 11,721	30,532 69,332 4,031 3,505 68,806 18,865 12,117	72,132 4,269 4,119 71,983 19,333 12,999	75,317 4,448 4,892 75,761 20,248 13,344	35,636 81,097 4,794 4,876 81,179 21,332 13,966	37,338 86,121 5,037 4,769 85,853 22,216 14,122	91,139 5,292 5,177 91,023 22,964 14,560	15,984 944 103 15,143 4,125 4,024	16,496 1,000 140 15,637 4,347 4,191	16,821 1,051 183 15,954 4,691 4,402	17,586 1,085 209 16,710 5,037 4,687	18,546 1,148 238 17,637 5,347 4,902	19,646 1,203 278 18,721 5,630 4,965	21,304 1,296 265 20,272 5,882 5,122	25,664 114,052 6,258 -2,413 105,381 27,380 21,501	26,841 119,718 6,684 -2,598 110,437 28,656 22,793	125,641 7,148 -2,703 115,789 30,199 24,063	29,618 133,668 7,522 -2,936 123,209 32,300 24,727	31,592 143,228 8,072 -3,193 131,964 35,285 25,950	33,496 154,006 8,598 -3,523 141,885 37,374 26,555	35,733 167,403 9,262 -3,921 154,220 38,973 27,465	4 5 6 7 8 9
52,290 7,583 7,365 128 7,237	53,823 7,732 7,777 103 7,674	56,580 7,557 7,995 76 7,920	59,687 7,613 8,017 68 7,949	64,731 7,764 8,602 44 8,558	69,085 7,955 9,081 70 9,012	73,229 8,223 9,686 68 9,618	11,972 2,095 1,917 89 1,828	12,408 2,122 1,966 81 1,886	12,923 2,065 1,833 41 1,792	13,456 2,104 2,026 67 1,959	14,325 2,127 2,094 -1 2,094	15,241 2,185 2,219 21 2,199	16,566 2,317 2,421 21 2,400	89,110 13,193 11,748 88 11,660	93,272 13,811 12,636 75 12,561	99,350 13,325 12,965 61 12,905	105,794 13,542 14,331 71 14,260	113,962 13,734 15,532 97 15,435	123,378 14,227 16,401 66 16,335	134,177 15,122 18,104 80 18,024	10 11 12 13 14
215 67,024 58,023 380 370 9 97 5 11 13 38 3,107 14,476 10,421 (P) 207 207 207 1,400	190 69,142 59,824 346 337 9 100 (1) 2 45 53 3,234 14,688 10,511 106 93 191 430 1,476	176 71,956 62,501 355 349 7 7 105 (L) 7 52 47 3,471 14,863 10,485 182 98 182 98 182 126 98 1436 1,504	180 75,137 65,395 380 377 3 124 (L) (D) (S) 15,337 10,846 150 99 189 189 443 1,557	162 80,936 71,010 417 412 6 143 143 3,887 16,436 11,641 114 186 451	188 85,933 75,710 462 454 8 154 (L) (P) 4,124 17,311 12,199 17,311 12,199 17,311 125 188 479 1,746	199 90,940 80,688 520 n.a. n.a. n.a. n.a. 4,461 18,100 12,503 n.a. n.a. n.a.	155 15,828 12,558 208 93 115 7 1 (P) 5 960 3,085 1,424 338 (P) 39 20 20 20 27	145 16,351 13,104 1699 884 77 1 (P) P) 4 983 3,186 1,499 360 40 20 106	114 16,708 13,399 171 186 85 85 4 1 (P) (P) 2 1,001 3,221 1,552 364 40 22 22 115	145 17,441 14,067 1683 90 777 3 4,0 (L) 0 (L) 2 1,118 3,256 1,593 40 45 25 109	79 18,467 15,000 187 100 87 (L) 0 (L) 1,164 3,411 1,691 424 48 47 233	100 19,545 15,955 2099 115 94 3 3 (P) 2 1,274 3,481 1,743 443 49 51 25 120	107 21,197 17,433 248 n.a. n.a. n.a. n.a. 1,546 3,573 1,784 n.a. n.a. n.a.	170 113,882 98,101 625 477 148 66 (L) 111 4,857 20,704 14,179 127 146 353 386 1,653	155 119,563 103,089 561 454 107 72 (¹) 8 8 8 8 56 5,421 21,139 14,256 135 149 369 369 369 369 369 369 1721	151 125,490 108,521 575 464 1111 73 73 (P) 9 (P) 54 5,656 21,553 14,526 144,526 153 376 405 1,810	167 133,500 115,804 617 508 109 (L) 5 15 48 6,122 22,254 15,044 157 368 457 1,790	195 143,033 124,735 680 564 116 822 (⁽¹⁻⁾) 5 21 56 6,681 15,905 171 172 391 475 1,936	166 153,840 134,823 748 630 118 88 (L) 60 7,458 24,678 16,704 180 181 419 472 1,906	186 167,216 147,012 861 n.a. n.a. n.a. n.a. 8,457 25,956 17,384 n.a. n.a. n.a.	15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
1,814 1,405 119 3,279 1,309 294 4,055 434 4,055 434 1,024 1,375 1,024 1,375 19 431 71	1,855 1,512 127 3,127 1,282 313 4,178 454 29 80 1,082 1,398 47 449 65	1,832 1,674 1,437 1,2903 1,271 317 4,378 425 66 72 1,505 1,505 73 447 56	1,877 1,916 2,824 1,335 318 4,491 397 68 67 158 513 1,098 1,619 445 45	1,954 2,147 2112 2,938 1,447 335 4,795 409 75 72 171 535 1,155 1,771 87 482 38	2,039 2,301 2,990 1,577 3,58 5,112 413 67 75 5,174 499 1,296 1,941 88 5,17 41	n.a. n.a. n.a. n.a. 5,597 n.a. n.a. n.a. n.a. n.a. n.a.	141 237 471 22 18 1,661 165 (L) 138 53 773 154 52 14 91 221	159 246 144 479 21 18 1,687 166 0 143 766 164 55 52 766 164 55 13 99 230	158 279 14 478 25 22 1,870 158 0 133 50 751 179 69 14 105 210	170 281 461 28 461 28 1,664 165 0 132 49 764 177 77 77 12 104 183	185 316 155 460 31 225 1,721 172 0 130 50 802 179 83 33 104 188	193 303 177 482 32 27 1,738 177 0 119 56 800 196 86 14 105 186	n.a. n.a. n.a. n.a. 1,788 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.	1,653 3,731 2,903 45 1,175 3,071 580 6,525 726 (L) 530 810 1,929 943 107 920 160	3,611 3,011 533 1,068 3,090 633 6,883 746 (L) 563 394 2,065 1,045 105 975	3,564 3,242 60 1,034 3,094 643 7,026 754 (¹ -) 577 839 2,140 1,056 99 1,041	3,797 3,477 1,028 3,099 647 7,210 817 (L) 550 365 862 2,229 1,132 97 1,042 116	4,031 3,671 1,067 3,237 680 7,638 855 (L) 584 391 2,349 1,258 103 1,126	4,494 3,808 1,074 3,391 700 7,973 886 (1-) 571 346 903 2,494 1,375 104 1,196 98	n.a. n.a. n.a. n.a. 8,572 n.a. n.a. n.a. n.a. n.a. n.a. n.a.	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
3,352 (P) 512 78 (P) 996 923	3,526 (P) 548 (P) (D) 1,095 903	3,781 (P) 548 89 (D) 1,143 1,002	3,997 (P) 545 102 (P) 1,195 1,143	4,227 (P) 580 107 (P) 1,271 1,215	4,586 (P) 617 116 (P) 1,460 1,193	4,680 n.a. n.a. n.a. n.a. n.a. n.a.	898 31 267 (P) (P) 190 276	959 (P) 290 25 (P) 209 285	940 (P) 290 (P) (D) 211 258	983 39 289 (P) (P) 223 282	1,046 37 305 (P) (P) 241 302	1,102 39 327 (P) (P) 263 302	1,126 n.a. n.a. n.a. n.a. n.a.	6,266 131 856 93 1,585 1,674 1,927	6,554 140 923 (P) 1,702 2,034	6,535 145 943 (^D) 1,703 1,947	6,762 (P) 962 109 (P) 1,750 1,987	7,161 160 1,040 (P) (P) 1,847 2,088	7,619 174 1,141 (D) 2,005 2,140	7,967 n.a. n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
4,162 5,534 8,371 1,571 6,801	4,215 5,676 8,255 1,566 6,689	4,477 5,820 8,871 1,581 7,291	4,647 5,903 9,448 1,662 7,787	5,144 6,176 10,640 1,811 8,829	5,343 6,478 11,832 2,066 9,766	5,390 7,032 12,916 n.a. n.a.	763 1,854 950 263 686	806 1,949 961 280 680	850 1,981 979 293 686	914 2,022 1,049 315 734	962 2,135 1,173 364 809	1,007 2,269 1,302 (D) (D)	1,124 2,424 1,545 n.a. n.a.	7,155 9,794 10,567 2,635 7,932	7,627 10,264 11,150 2,781 8,369	8,226 10,731 12,172 2,844 9,328	8,727 11,461 13,330 3,085 10,245	9,321 12,046 14,654 3,484 11,170	10,311 12,828 16,308 3,904 12,404	11,421 13,871 18,604 n.a. n.a.	58 59 60 61 62
18,544 228 618 158 3,371 410 426 541 175 6,457 1,309 1,279 692 27 446 2,394 203	19,784 239 615 161 114,107 455 218 850 118 6,718 1,308 763 29 530 2,291 264	20,757 269 648 171 4,011 468 230 710 142 7,075 1,337 1,382 813 30 554 2,595 322	22,026 283 640 171 4,505 495 226 813 151 7,283 1,328 1,422 860 32 2,810 411	23,940 303 679 170 5,249 5300 237 7,539 1,423 1,542 918 34 649 3,137 486	25,420 328 695 197 5,788 5,768 256 972 133 7,568 1,518 1,629 933 3,93 729 3,539 473	27,430 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	3,834 147 122 44 380 144 64 80 27 1,591 282 198 209 5 5 5 107 371 64	4,083 149 129 45 425 162 66 86 25 1,688 270 211 240 5 119 402 60	4,252 158 126 48 157 72 90 23 1,755 263 229 272 5 5 118 431 50	4,553 165 132 48 505 162 77 90 25 1,888 271 242 313 5 125 453 51	4,919 173 139 48 606 164 76 95 24 2,008 281 256 362 5 5 134 483 62	5,307 184 146 555 682 178 83 104 23 2,131 296 6273 411 6 6 142 527 66	5,845 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	38,066 798 916 194 6,312 764 387 785 248 11,978 2,922 3,705 1,449 87 776 6,320 425	40,302 823 948 199 7,074 842 331 818 225 12,386 3,474 3,809 1,535 92 846 6,468 432	43,001 850 981 8,289 852 363 824 253 12,703 3,547 4,029 1,621 87 7,110 434	46,462 885 1,044 213 9,718 928 378 882 253 13,686 4,182 1,662 92 92 7,614 491	50,567 897 1,114 212 11,236 1,010 397 948 255 14,192 3,813 4,363 1,789 935 8,711 593	54,783 1,042 1,187 2,920 1,087 4,55 1,065 272 14,677 4,107 4,604 1,894 1,030 9,501 608	59,780 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
9,001 1,300 514 7,187 2,853 4,334	9,318 1,284 517 7,517 3,023 4,494	9,455 1,361 510 7,584 2,996 4,588	9,743 1,366 559 7,818 3,042 4,776	9,925 1,328 570 8,027 3,049 4,978	10,223 1,311 508 8,404 3,247 5,156	10,252 1,356 489 8,407 n.a. n.a.	3,270 766 372 2,132 752 1,380	3,248 757 305 2,186 758 1,428	3,309 746 262 2,301 812 1,489	3,374 728 295 2,351 809 1,542	3,466 762 303 2,401 817 1,584	3,590 781 300 2,509 850 1,659	3,764 831 312 2,621 n.a. n.a.	15,781 3,172 685 11,924 4,090 7,835	16,474 3,231 614 12,628 4,396 8,232	16,969 3,284 570 13,115 4,501 8,614	17,696 3,308 543 13,845 4,669 9,176	18,298 3,392 514 14,391 4,859 9,533	19,018 3,385 505 15,128 5,187 9,941	20,205 3,580 494 16,131 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source

		 .													[Millions
Line	item	4000 "	1001	_	w Hampsh		4000-	1000 -	1000 :: 1	1004 = 1		Rhode Islan		4000 = 1	1000 =
	harman ha Blancad Bastlana	1993 °	1994 "	1995 *	1996 *	1997 "	1998	1999₽	1993 "	1994	1995	1996 *	1997"	1998*	1999 <i>P</i>
1	Income by Place of Residence 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
3	Population (thousands) 2	1,122 22,521	1,133 23,820	1,146 25,008	1,161 26,042	1,173 27,746	1,186 29,480	1,201 30,905	998 22,137	993 22,762	989 24,046	988 25,123	987 26,855	988 28,262	991 29,720
4	Derivation of Personal Income	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	Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4	1,021	1,106 2,262	1,188 2,297	1,248	1,346 2,651	1,440	1,522 3,172	969 771	1,017	1,058 869	1,080	1,125	1,184	1,249
7	Plus: Adjustment for residence 5 Equals: Net earnings by place of residence	2,181 17,841	18.819	19.758	2,446 21,036	22,748	2,892 24,660	26,367	14,125 3,972	848 14,561	15.219	15 783	16.750	1,052 17,758	1,170 18,909
8 9	Plus: Dividends, interest, and rent 6	4,449 2,982	4,762 3,410	5,235 3,656	5,606 3,587	6,066 3,739	6,492 3,807	6,845 3,908	3,972 3,992	4,079 3,972	4,371 4,196	4,768 4,267	5,153 4,602	5,465 4,692	5,718 4,820
	Earnings by Place of Work Components of earnings:								1						
10	Wage and salary disbursements	12,735 1,822	13,574	14,636 1,902	15,628	16,998	18,522 2,059	19,772	11,226	11,528 1,826	12,156	12,564	13,372	14,249	15,123
11 12	Other labor income Proprietors' income ⁷	2,125	1,931 2,158	2,112	1,916 2,295	1,964 2,481	2,627	2,141 2,804	11,226 1,800 1,297	1,375	1,780 1,472	1,804 1,565	1,848 1,672	1,888 1,754	1,964 1,901
13 14	FarmNonfarm	15 2,110	15 2,143	2,111	2,293	2,481	-2 2,629	2,804	23 1,274	18 1,357	16 1,456	14 1,552	1,662	15 1,739	16 1,885
15	Earnings by Industry	40	40	32	36	36	35	41	32	28	27	26	22	27	30
16	Farm	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 18	Private	14,443 105 96	15,323 95	16,247 101	17,331 105	18,826 120	20,501 139	21,897 160	11,575 112	12,000 94	12,522 97	12,942 97	13,746 102	14,655 110	15,560 124
19 20	Agricultural services	9	87 9	93 8	100 5	112 8	128 11	n.a. n.a.	61 51 8	57 37	60 37	64 33	69 33	76 34	n.a. n.a.
21 22	Mining	16 (L)	18 (^L)	18 (^L)	20 (P)	19 (^P)	19 (^D) 0	21 n.a.	8 (P)	(P) 2	15 (P) 9	33 12 (P) 5	33 13 (P) 5	15 (^L) 6	16 n.a.
23 24	Coal mining	0	0	(L) 18	(P) 19	(P) 18	1	n.a. n.a.	(P) 6	(P)	(P)	(P)	(P) 7	(P)	n.a. n.a.
20 21 22 23 24 25 26	Nonmetallic minerals, except fuels	15 982	1,053	18 1,120	1,256	18 1,364	(P) 1,542	n.a. 1,616	` 6 609	7 681	` 6 689	728) 7 792	(Þ) 880	n.a. 1,034
27	Manufacturing	3,866				4,894	5,180	5,157	,	3.000	3,018	2,987	i l	3,154	3,189
28	Durable goods Lumber and wood products	2,719 142 40 73	4,128 2,899 162 44 79	4,235 2,997	4,509 3,234	3,536 181	3,771 197	3,766 n.a.	2,973 1,958 (P) 47	1,959 22 51	1,952 22 53 52	1.901	3,088 1,972 27	2,086 31	2,146 n.a.
28 29 30 31	Furniture and fixtures	40	44	159 36 74	164 34 79	42	47	n.a.	47 51	51	53	22 58 49	66	69 56	n.a.
32	Stone, clay, and glass products Primary metal industries	166	185 276	191 309	212	81 233	86 262	n.a. n.a.	160	55 161	159	204 246	52 198 257 191	202	n.a. n.a.
32 33 34 35 36 37	Fabricated metal products	166 252 929 497	950	927	317 940	233 333 984	330 1,027	n.a.	226 198	233 215	159 241 220	171	191	278 199	п.а. n.a.
35 36	Electronic and other electric equipment	7	584 11	673 10	788 20 46	910 34	1,022 56	n.a. n.a.	162 (P) 188	185 33	198 31	200 26	214 32 97	225 26	n.a. n.a.
37 38 39	Other transportation equipment	37 523 55	42 504 61	42 515	570	53 618	54 618	n.a. n.a.	188 223 642	164 209	140 212	104 218	238	122 256	n.a. n.a.
40	Miscellaneous manufacturing industries	1,147	61 1,229 96	61 1,238 94	63 1,276 97	67 1,358	73 1,410	n.a. 1,391	1.015	631 1,041	624 1,066	601 1,086	600 1,116	622 1,068	n.a. 1,043
41 42	Food and kindred products	92 (L)	96	0	0	105	106	n.a. n.a.	83 (^L) 227 22 70	85 (L)	1,066 76 (L) 237	86 (L)	90 (L)	87 (L)	n.a. n.a.
43 44	Textile mill products	(L) 113 55	119 48	125 49	129 49	148 51	148 51	n.a. n.a.	227 22	(^L) 237 22	237 23	235 235 22 81	(L) 243 23 78	235 (P) 68	n.a. n.a.
42 43 44 45 46 47	Paper and allied products Printing and publishing	194 260	206 287	195 292 63	192	51 198 300	198 308	n.a. n.a.	70 209	22 75 221	23 80 243 138	81 261	78 278	68 246	n.a. n.a.
47 48	Chemicals and allied products Petroleum and coal products	194 260 53 3	58 3	63 7	300 68 7	72 8	77	n.a.	137	136	138	l 131 i	278 131 (L)	128 i	n.a. n.a.
49 50	Rubber and miscellaneous plastics products Leather and leather products	308 70	337 75	342 71	358 75	385 91	395 119	n.a.	227 38	231 33	237 32	(L) 242 29	(L) 245 28	249 27	n.a. n.a.
51	Transportation and public utilities	1				1,014		1,118	709		822	949	1,019	1,061	1,103
52 53 54	Railroad transportation Trucking and warehousing	955 (^D) 157	950 (P) 170	959 21 178	965 21 184	1,014 199	1,088 24 225 (^D) (<i>P</i>) 238	n.a. n.a.	(P)	748 12 130	11	12	(P)	(P) 172	n.a. n.a.
54 54	Water transportation	(P) (P) 192	(P)	(P) (P) 205	9.9	(P) (P) 212	(P)	n.a.	17	18 120	18 127	139 20 134 285	(P) 152 21 (P)	22 (D)	n.a.
55 56 57	Other transportation	192 433	205 382	205 374	212 362	212 388	238 392	n.a. n.a.	(P) 226 229	229 240	254 275	285 358	310 376	313 384	n.a. n.a.
	Electric, gas, and sanitary services Wholesale trade	1						n.a.					807	849	n.a. 922
58 59	Retail trade	990 1,960	1,068 2,106	1,278 2,213	1,321 2,320	1,494 2,506	1,644 2,700	1,863 2,914	677 1,327	707 1,359	785 1,399	768 1,407	1,500	1,578	1,718
60 61	Finance, insurance, and real estate	1,130 269	1,149 278	1,235 263 971	1,294 275	1,488 303	1,695 333	1,880 n.a.	1,005 311	1,014 310	1,044 290	1,075 323	1,216 391	1,425 466	1,499 n.a.
62	Other finance, insurance, and real estate	861	871		1,019	1,186	1,362	n.a.	695	705	754	751	825	959	n.a.
63 64	Services	4,439 136	4,755 138	5,088 151	5,540 162	5,927 172	6,493 190	7,167 n.a.	4,155 60	4,388 64	4,654 75	4,920 78	5,209 83	5,582 86	5,956 n.a.
65 66	Personal services Private households	173 30	184 31	185 33	201 34	214 34	231 39	п.а. п.а.	124 21 638 102 45 82 19	129 21 721 105 49 83	75 127 23 782 105 52 90	129 23 813	137 22	144 26	n.a. n.a.
67 68	Business services Auto repair, services, and parking	803 161	877 188	962 187	1,091 202 78 144 33	1,259 209 82 154 31	1,465 232 90	n.a. n.a.	638 102	721 105	782 105	813 115	22 885 120 50 105	954	n.a. n.a.
69 70	Miscellaneous repair services Amusement and recreation services	64 120	68	71	78 144	82	90 164	n.a. n.a.	45	49 83	52 90	51 91	50	136 55 105	n.a. n.a.
71	Motion pictures	29 1,524	128	33	33	31	34	n.a.	19	16	17	19	1 1/	18 2,198	n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	Health services Legal services	298	1,632 293 367	151 185 33 962 187 71 135 33 1,738 285 391 231	1,883 277	1,969 285	2,084 307	п.а.	1,629 318	1,706 i 302 i	1,800 302	1,987 304	2,065 326 480	347	n.a. n.a.
75 75	Educational services	298 345 193	219	231	413 247	436 262	463 280	n.a. n.a.	404 222 6	421 235	449 247	466 248	263	518 289	n.a. n.a.
76 77	Museums, botanical, zoological gardens Membership organizations	99 99	5 104	106	113	116	6 124	n.a. n.a.	135	7 135	7 136	144	263 8 148	9 158	n.a. n.a.
78 79	Engineering and management services	420 39	453 38	535 40	611 48	645 52	726 56	n.a. n.a.	135 325 26	365 29	416 27	420 27	466 32	502 35	n.a. n.a.
	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 82	Federal, civilian Military	400 61	420 61	447 60	469 64	482 65	489 64	499 65	499 350	510 319	616 300	643 322 2,001	675 336	671	691 347
80 81 82 83 84	State and local State	1,739 574	1,819 624	1,864 615	469 64 1,938 622	2,033 649	2,118 657	2,215 n.a.	1,866 789	1,872 767	1,942 771	2,001 775	2,111 800	325 2,212 838	2,360 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.

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

of dollars	·l						· · · · · · · · · · · · · · · · · · ·					\									
1993 *	1994 *	1995	Vermont 1996 *	1997 "	1998 r	1999 <i>P</i>	1993 *	1994	1995 r	Mideast	1997 r	1998	1993 -	1994 -	1995 °	Delaware 1996 *	1997 "	1998 -	1999 <i>P</i>	Line	
11,357 574 19,785	11,898 579 20,553	12,449 583 21,359	13,073 586 22,295	13,764 589 23,382	14,529 591 24,602	15,373 594 25,892	1,103,630 44,256 24,937	1,140,466 44,377 25,700	1,193,865 44,454 26,856	1,255,345 44,514 28,201	1,318,610 44,570 29,585	1,388,707 44,653 31,100	1,464,991 44,778 32,717	16,663 699 23,823	17,378 708 24,530	18,237 718 25,391	19,369 727 26,640	20,291 735 27,605	21,863 744 29,383	23,122 754 30,685	1 2 3
7,963 488 55 7,530 2,195 1,632	8,270 517 62 7,815 2,359 1,724	8,520 555 69 8,034 2,553 1,862	8,959 575 76 8,459 2,704 1,909	9,384 605 86 8,865 2,884 2,015	9,989 635 99 9,453 3,029 2,047	10,680 676 101 10,105 3,159 2,109	799,480 47,904 -11,746 739,830 197,158 166,642	823,463 50,412 -11,988 761,064 206,642 172,760	857,650 52,928 -12,858 791,864 219,638 182,363	901,579 54,807 -13,486 833,286 230,897 191,162	950,806 57,748 -14,230 878,827 244,191 195,591	1,008,845 60,801 14,130 933,914 254,554 200,240	1,073,688 64,272 -15,063 994,353 263,444 207,194	13,027 743 -831 11,454 3,250 1,959	13,587 795 -862 11,930 3,327 2,121	14,140 850 -888 12,402 3,555 2,280	14,703 903 -788 13,012 3,873 2,485	15,701 964 -1,001 13,736 4,065 2,489	16,947 1,028 -874 15,045 4,266 2,552	18,067 1,093 -958 16,016 4,454 2,652	4 5 6 7 8 9
6,020 905 1,038 78 960	6,263 946 1,062 77 984	6,593 930 997 53 944	6,944 929 1,085 82 1,003	7,332 927 1,125 60 1,066	7,815 957 1,217 94 1,122	8,402 1,009 1,268 78 1,191	621,044 90,505 87,932 1,364 86,568	641,012 93,993 88,458 1,070 87,388	669,941 91,504 96,204 564 95,640	704,327 91,408 105,845 1,240 104,605	748,021 91,197 111,587 293 111,294	799,024 92,056 117,765 738 117,027	851,970 95,343 126,374 374 126,000	9,942 1,933 1,152 85 1,067	10,414 1,998 1,176 96 1,080	11,154 1,891 1,095 62 1,032	11,985 1,636 1,081 77 1,004	12,874 1,691 1,137 51 1,085	13,952 1,763 1,232 83 1,149	14,963 1,830 1,275 40 1,235	10 11 12 13 14
119 7.844 6.498 611 610 610 610 610 610 610 610 610 610	119 8,152 6,767 58 55 21 (P) (P) 550 1,674 1,201 133 58 76 34 88 149 470 177 77 64 473 123 125 125 125 125 125 125 125 125 125 125	100 8,420 6,991 588 19 10 568 1,735 1,246 138 141 988 148 483 19 19 24 44 489 124 489 124 489 157	133 8.826 7.352 589 19 (-0.0) 199 599 1.327 1324 1532 854 104 1586 661 513 200 124 233 84 1560 300 150	112 9,272 7,728 63 63 (±)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)(-)	147 9.842 8.239 751 1 23 698 2.019 1.493 1	135 10,545 8,872 80 0.aa. 23 0.aa. 724 2,174 1,611 0.aa. 0.aa	2,334 797,146 651,585 4,220 2,923 1,297 1,995 34,606 122,969 61,600 1,738 1,365 3,757 6,339 9,130 4,235 3,161 10,242 2,646 61,368 8,611 10,242 1,949 1,704 4,979 4,359 4,4866	2,020 821,443 671,390 4,210 2,822 1,388 255 36,855 125,966 62,822 1,421 3,902 1,1968 9,291 5,032 1,278 6,218 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,144 8,711 2,780 6,780 8,711 2,780 6,780 8,780	1,632 856,018 702,950 4,950 1,548 3986 355 60,337 127,837 63,599 1,390 4,014 6,311 7,331 7,331 12,182 9,457 5,230 4,246 8,533 258 4,246 8,533 258 4,246 8,533 1,674 8,533 1,674 1,67	2,388 899,191 741,780 3,060 1,510 1,015 418 1,005 418 38,516 128,279 63,449 1,388 4,260 6,502 7,401 1,286 10,418 2,966 64,830 64,830 8,746 1,510 4,370	1,471 949,335 788,930 4,873 3,292 1,581 1,045 531 1,045 531 1,520 4,218 4,218 1,520 4,218 1,025 4,19 7,726 13,374 10,025 4,19 7,726 13,374 10,025 4,19 7,726 13,374 10,250 4,19 7,726 13,374 10,250 4,19 7,726 13,374 10,250 1,707 1,551 1,6762	1,917 1,006,928 843,236 5,241 3,596 1,645 1,695 1,695 1,695 1,695 1,692 1,692 1,642 4,442 10,628 10,	1,642 1,072,046 901,690 5,8011 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.	110 12,917 11,040 46 46 27 2 2 2 2 2 2 2 2 3,864 1,304 2559 27 2,559 231 77 2,559 231 77 2,559 231 77 2,559 231 77 2,559 231 77 2,559 2,57	121 13,466 11,500 50 26 9,16 3,382 71 2,543 76 2,543 76 76	9248,711,9554 213(E)(316)(317,8554 213(E)(317,8554 213(E)(317,	110 14,592 12,416 61 60 111 30 912 3,554 15 32 207 79 2,764 207 207 207 207 207 207 207 207 207 207	87 15,614 13,379 66 13 30 966 3,661 819 2,787 2,	88	79 17,988 15,528 85 6.a. 13 6.a. 13 6.a. 1,115 4,009 1,119 6.a. 1,115 1,119 6.a. 1,115 1,219 1,2	15 16 17 18 19 20 12 22 32 44 25 26 27 28 29 30 31 32 33 33 45 56 37 38 89 40 41 42 43 44 44 44 44 44 44 44 44 44 44 44 44
1 42 1 441 11 126 5 69	28 3 49 1 465 12 127 5 74	28 4 54 (L) 476 11 136 5 80	5 58 (^L) 485 10 140 6 87	2 63 (^L) 508 10 149 6 91	166 30 (P) 72 (P) 549 11 157 (P) 99	n.a. n.a. n.a. n.a. 551 l n.a. n.a. n.a.	20,354 1,719 4,057 531 51,774 1,608 8,606 1,611 11,953	21,361 1,737 4,196 501 54,267 1,637 9,103 1,587 12,536	22,618 1,589 4,309 503 56,609 1,575 9,170 1,374 13,155	22,891 1,525 4,394 497 60,038 1,553 9,207 1,334 13,880	24,388 1,538 4,668 487 62,874 1,522 9,842 1,363 14,497	25,726 1,626 (P) 490 65,532 1,789 10,468 1,345 (P) 23,701	n.a. n.a. n.a. n.a. 67,214 n.a. n.a. n.a. n.a.	1,931 74 (D) (D) 629 (P) 154 22 (D) 95	1,908 67 (D) (D) 666 (D) 167 22 (D)	2,004 (679 171 17 102	2,060 57 (P) (P) 172 21 (P) 111	2,096 56 (D) 714 183 116	2,141 59 139 (P) 770 63 204 24 125	n.a. n.a. n.a. 809 n.a. n.a. n.a.	51 52 53 54 55 56 57
110 121 420 834 449 158 291	121 126 450 875 448 158 290	118 126 460 892 467 164 303	112 130 448 920 490 169 321	116 135 459 963 525 184 342	124 (P) 476 1,001 557 200 357	n.a. n.a. 517 1,058 608 n.a. n.a.	17,050 10,945 47,541 60,119 91,824 22,989 68,835	18,134 11,270 49,227 62,717 91,688 23,288 68,400	19,623 11,712 50,991 64,721 102,011 24,522 77,489	21,711 12,354 52,417 66,408 118,334 25,944 92,390	23,139 12,511 55,515 69,842 128,519 27,562 100,956	23,701 (P) 59,821 73,217 138,870 (P) (P)	n.a. n.a. 64,257 77,157 152,429 n.a. n.a.	95 204 489 1,040 1,325 780 546	(D) 105 210 521 1,114 1,491 911 580	102 220 551 1,183 1,717 1,038 679	578 1,257 1,959 1,196 763	116 (P) 609 1,337 2,274 1,431 843	130 225 655 1,416 2,531 1,606 925	n.a. 733 1,524 2,803 n.a. n.a.	56 57 58 59 60 61 62
2,092 177 64 22 257 70 33 45 26 743 122 197 85 5 48 163 37	2,227 181 65 23 266 76 37 80 21 783 123 214 87 6 51 176 38	2,315 184 63 24 260 76 42 555 22 848 128 225 94 6 6 50 200 36	2,503 190 71 25 330 78 54 59 21 896 127 234 102 63 218 38	2,648 203 76 25 371 85 53 58 21 925 135 246 110 7 54 236	2,843 216 80 28 422 92 56 63 23 964 151 264 120 7 7 58 253 44	3,138 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	236,539 6,790 5,814 2,281 39,238 4,822 2,150 6,696 3,378 72,415 24,699 14,177 10,108 4,26 8,529 31,499 3,517	244,378 6,912 5,952 2,335 41,555 5,204 2,137 6,501 75,333 24,625 14,952 10,924 473 9,043 31,837 3,127	257,396 7,548 6,072 2,482 45,152 5,278 2,243 7,197 4,153 78,908 25,050 15,701 11,569 4,905 33,510 3,131	271,177 7,884 6,165 2,484 50,338 5,521 2,292 7,610 4,465 82,076 28,242 16,043 11,937 536 9,273 35,346 2,966	290,142 8,086 6,570 2,469 57,853 5,862 2,335 7,965 4,186 84,355 28,275 12,603 562 9,622 38,937 3,505	314,294 8,701 6,973 2,852 66,057 6,303 2,506 8,884 4,474 87,186 30,453 13,574 591 10,101 43,273 3,613	340,965 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	2,743 411 94 27 475 85 42 66 61 12 1,007 245 93 128 16 110 285 18	2,901 41 97 28 475 75 11 1,063 274 101 137 17 120 308 25	3,103 44 100 30 534 96 48 79 111 1,116 293 110 148 117 123 323 323 33	3,397 46 100 311 594 100 98 111 1,233 308 117 156 132 360 41	3,738 49 105 31 714 111 60 110 15 1,285 335 123 169 19 19 424 50	4,148 51 113 36 872 121 64 121 13 1,379 133 183 20 20 484 51	4,437 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
1,347 264 56 1,027 426 601	1,384 266 59 1,059 435 623	1,429 275 59 1,095 450 645	1,474 283 62 1,128 465 663	1,544 298 61 1,186 494 692	1,603 311 61 1,231 516 715	1,672 332 61 1,280 n.a. n.a.	145,561 41,678 6,499 97,383 25,118 72,266	150,053 42,421 6,449 101,182 26,434 74,748	153,068 42,579 6,196 104,293 27,260 77,033	157,403 42,757 6,227 108,419 29,005 79,413	160,405 43,864 6,207 110,334 28,791 81,542	163,693 44,407 6,227 113,059 28,257 84,802	170,356 46,178 6,302 117,876 n.a. n.a.	1,878 290 237 1,350 748 602	1,966 283 236 1,447 818 629	2,077 296 249 1,532 882 650	2,176 311 250 1,615 921 695	2,236 313 242 1,681 963 718	2,364 313 242 1,809 1,040 770	2,460 315 248 1,897 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source [Millions

				Distri	ct of Colur	nbia						Maryland			
Line	ltem	1993 ′	1994 -	1995	1996	1997 -	1998 <i>°</i>	1999 <i>p</i>	1993 -	1994	1995 r	1996	1997 r	1998 "	1999 <i>p</i>
1 2 3	Income by Place of Residence Personal income (lines 4-9)	18,251 576 31,665	18,499 565 32,743	18,217 551 33,045	18,517 538 34,401	18,628 529 35,230	18,988 521 36,415	19,840 519 38,228	124,076 4,943 25,104	129,849 4,985 26,046	135,115 5,024 26,896	140,809 5,057 27,844	148,264 5,093 29,112	156,759 5,130 30,557	166,350 5,172 32,166
4 5 6 7 8 9	Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Transfer payments	36,395 1,675 –22,372 12,348 3,467 2,435	37,252 1,767 -23,050 12,435 3,591 2,474	37,588 1,826 -23,401 12,362 3,462 2,393	37,872 1,866 –23,489 12,517 3,402 2,599	38,974 1,922 -24,405 12,647 3,425 2,555	40,653 2,031 -25,561 13,060 3,343 2,584	43,042 2,158 -27,060 13,824 3,356 2,661	79,204 4,677 14,522 89,049 22,086 12,941	82,622 4,977 14,950 92,595 23,545 13,709	86,111 5,215 15,013 95,909 24,835 14,371	89,354 5,416 15,291 99,228 26,301 15,280	95,224 5,773 15,473 104,924 27,407 15,933	101,410 6,100 16,695 112,004 28,407 16,348	108,829 6,528 17,680 119,982 29,445 16,923
10 11 12 13 14	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income? Farm Nonfarm	28,055 6,274 2,066 0 2,066	28,834 6,418 1,999 0 1,999	29,278 6,321 1,989 0 1,989	29,653 6,146 2,073 0 2,073	30,488 6,300 2,186 0 2,186	32,032 6,359 2,262 0 2,262	34,094 6,552 2,397 0 2,397	61,972 10,017 7,216 212 7,004	64,841 10,618 7,163 191 6,972	67,775 10,615 7,721 109 7,611	71,144 10,421 7,789 249 7,540	76,238 10,756 8,230 104 8,126	81,535 11,134 8,741 177 8,563	87,920 11,708 9,201 135 9,066
15 16 17 18 19 20 21 22 23 24 25 26	Farm Solution Solutio	0 36,395 18,831 639 630 13 10 0 0 2 3 5 3 5 3 5 3 5 3 5 6 3 9 5 6 3 9 5 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	0 37,252 19,391 688 9 680 11 1 (P) (P) 369	0 37,588 19,825 788 9 779 18 (P) (P) 7 (D) 368	0 37,872 20,515 784 9 775 13 1 (P) 6 (P) 382	0 38,974 21,184 812 11 800 14 1 (P) 7 (P) 424	0 40,653 22,938 838 10 827 6 6 0 0	0 43,042 24,919 995 n.a. n.a. (D) n.a. n.a. n.a. (D)	309 78,895 59,044 451 423 28 75 (L) 30 7 38 4,843	287 82,335 61,700 458 434 23 82 (L) 30 6 46 5,289	219 85,893 64,473 464 444 20 80 (L) 34 5,434	367 88,987 66,856 492 471 21 79 (L) 31 6 42 5,753	227 94,997 72,099 528 504 24 84 (D) 8 45 6,277	300 101,110 77,054 575 549 26 93 (L) (D) 48 6,746	267 108,562 82,962 637 n.a. 95 n.a. n.a. n.a. 7,307
27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 47 48 49 50	Manufacturing Ourable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Textile mill products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Rubber and miscellaneous plastics products Leather and leather products Leather and leather products	843 98 14 55 4 31 10 10 10 10 10 10 10 10 10 10 10 10 10	819 100 1 3 6 6 4 3 9 (P) 5 (P) 3 4 7 19 1 1 (P) 1 1 (P) 5 6 6 2 5 6 (P) (P) 6 6 (P) (P) 6	833 199 2 3 5 3 2 9 頁 7 頁 4 頁 24 13 頁 7 ① 6 52 6 5 頁 三	867 135 2 4 7 7 4 20 105 6 9 1 3 3 3 (P) 1 (-) 5 674 3 3 6 (P) (-)	902 154 3 6 4 1 1 158 150 17 13 (2) 2 (5 6 7 9 1 1 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	942 175 3 3 7 4 2 122 10(P)(P) 3 6 767 10(P) 5 694 6 (P) 0	993 172 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	7,464 4,112 118 96 244 463 302 658 602 380 280 901 57 43 (L) (P) 1.074 656 35 289 1.074 828 888	7,883 4,425 120 105 256 459 311 723 601 539 310 924 (-1) 192 291 1,139 678 39 310	8,001 4,532 124 4,57 268 467 762 306 607 351 3,469 77 3,469 72 283 1,158 699 (P) 322 27	7,785 4,208 121 96 264 493 323 772 627 271 305 849 8,88 3,577 742 (L) 192 729 41 341 341 341	8,180 4,389 (P) 258 345 345 695 (P) 325 904 1,00 3,791 1,242 802 45 364 (P)	8,617 4,614 1511 107 263 493 380 785 748 259 370 955 370 955 370 955 10 1,315 316 1,315 47 370 47	8,938 4,675 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
51 52 53 54 55 56 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	1,248 (P) 26 12 (P) 714 240	1,255 (P) 29 7 (P) 708 253	1,271 (P) 28 6 (P) 728 250	1,271 113 28 6 (P) 750 (P)	1,271 111 33 (P) (P) 760 (P)	1,176 (P) 35 6 (P) 669 (P)	1,438 n.a. n.a. n.a. n.a. n.a. n.a.	4,512 (P) 845 133 (P) 1,456 1,061	4,815 (P) 925 147 (P) 1,542 1,112	5,092 (P) 940 148 (P) 1,571 1,281	5,326 (P) 951 144 (P) 1,717 1,333	5,574 (P) 1,010 146 (P) 1,850 1,341	5,883 (P) 1,075 149 (P) 1,981 1,380	6,110 n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	352 876 1,719 484 1,235	309 884 1,670 491 1,179	308 882 1,732 512 1,220	295 859 1,868 563 1,305	307 852 2,049 573 1,476	321 878 2,303 (^D)	419 889 2,600 n.a. n.a.	4,173 7,411 6,168 1,844 4,325	4,363 7,754 6,189 1,807 4,383	4,584 8,052 6,404 1,678 4,726	4,838 8,204 6,743 1,773 4,970	5,170 8,630 7,658 1,941 5,717	5,487 9,087 8,259 2,185 6,074	5,989 9,439 9,203 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	12,789 571 112 94 1,086 75 15 90 50 1,617 3,353 1,150 378 17 1,737 2,358 89	13,387 518 114 94 1,162 73 73 13 96 44 1,680 3,488 1,204 438 1,204 438 2,492 96	13,625 529 114 97 1,301 74 12 93 57 1,771 3,480 1,161 439 19 1,811 2,559	14,176 511 112 95 1,342 71 11 106 61 1,763 3,697 1,190 448 17 1,879 2,716 157	14,553 501 113 92 1,515 71 11 105 63 1,683 3,740 1,239 456 19 1,940 2,850	16,034 490 121 105 1,671 133 73 1,661 4,198 1,422 518 2,050 3,326	17,152 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	23,946 684 695 249 4,730 580 262 575 17,092 1,706 1,026 831 24 849 4,288	24,867 702 702 257 5,063 643 267 595 11,682 1,694 26 894 26 894 4,256	26,363 913 718 275 5,616 669 296 637 141 7,806 1,338 1,196 978 28 873 4,602 278	27,636 975 724 277 6,090 713 293 713 136 8,116 1,335 1,212 1,044 30 912 4,820 247	29,998 1,044 769 278 7,041 758 307 793 127 8,410 1,421 1,285 1,102 32 954 5,385 293	32,307 1,093 831 322 7,979 804 316 777 130 8,727 1,519 1,420 1,195 36 998 5,868 291	35,244 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local	17,564 14,191 1,058 2,316 0 2,316	17,860 14,393 1,043 2,424 0 2,424	17,764 14,456 1,032 2,275 0 2,275	17,358 14,049 1,079 2,229 0 2,229	17,790 14,578 1,080 2,132 0 2,132	17,714 14,418 1,080 2,216 0 2,216	18,122 14,901 1,105 2,116 n.a. n.a.	19,851 8,549 1,845 9,458 3,111 6,347	20,635 8,895 1,864 9,875 3,233 6,642	21,419 9,169 1,887 10,364 3,365 6,999	22,131 9,482 1,982 10,667 3,493 7,175	22,899 9,996 2,000 10,902 3,494 7,408	24,056 10,544 2,009 11,503 3,634 7,870	25,601 11,130 2,038 12,432 n.a. n.a.

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

of dollars]																				
1993 *	1994 r	1995 r	New Jersey	1997 r	1998 <i>r</i>	1999 <i>P</i>	1993 °	1994 r	1995 r	New York	1997 r	1998 r	1999 <i>p</i>	1993 r	1994	1995 °	ennsylvani	1997 r	1998 r	1999 <i>p</i>	Line
213,419 7,875 27,101	220,817 7,919 27,885	233,209 7,966 29,277	246,659 8,010 30,795	262,423 8,054 32,582	278,349 8,096 34,383	294,024 8,143 36,106	464,201 18,141 25,589	478,586 18,157 26,359	503,163 18,151 27,721	530,990 18,144 29,266	554,061 18,143 30,538	583,061 18,159 32,108		267,020 12,022 22,211	275,337 12,043 22,864	285,923 12,045 23,738	299,001 12,038 24,838	314,944 12,016 26,211	329,687 12,002 27,469	343,946 11,994 28,676	1 2 3
147,545 9,128 11,557 149,973 36,673 26,773	153,208 9,689 11,424 154,943 38,561 27,314	160,833 10,188 12,103 162,748 41,463 28,997	169,602 10,590 13,116 172,128 44,525 30,005	179,371 11,135 15,128 183,364 48,124 30,935	190,546 11,810 17,130 195,865 51,091 31,393	202,438 12,436 18,514 208,516 53,231 32,277	340,317 20,474 ~15,887 303,955 82,924 77,322	347,730 21,321 -15,864 310,544 86,970 81,072	363,361 22,461 -17,340 323,559 93,271 86,333	386,538 23,353 -19,443 343,742 97,209 90,039	407,354 24,635 -21,457 361,262 101,652 91,146	432,572 25,880 -23,033 383,658 105,431 93,972	463,492 27,539 -24,963 410,989 108,956 97,764	182,992 11,207 1,266 173,051 48,759 45,211	189,064 11,862 1,414 178,616 50,650 46,071	195,616 12,388 1,654 184,883 53,053 47,988	203,510 12,679 1,828 192,659 55,587 50,755	214,181 13,320 2,032 202,893 59,519 52,532	226,718 13,951 1,513 214,280 62,016 53,391	237,820 14,517 1,724 225,026 64,002 54,917	4 5 6 7 8 9
116,722 15,701 15,121 123 14,998	121,188 16,319 15,701 137 15,564	126,656 16,032 18,146 121 18,025	132,869 16,943 19,790 119 19,671	141,258 16,951 21,162 56 21,106	152,027 16,108 22,411 78 22,333	161,349 16,272 24,817 46 24,771	266,445 34,620 39,252 363 38,888	272,476 36,000 39,254 220 39,033	285,277 35,075 43,008 101 42,907	301,724 34,744 50,070 236 49,834	320,422 34,161 52,770 -57 52,827	341,941 34,881 55,750 145 55,605	367,221 36,568 59,702 115 59,588	137,907 21,959 23,126 581 22,545	143,260 22,639 23,165 426 22,739	149,802 21,569 24,246 170 24,076	156,951 21,517 25,042 559 24,483	166,742 21,337 26,102 139 25,963	177,537 21,811 27,370 254 27,116	186,424 22,414 28,982 39 28,944	10 11 12 13 14
247 147,297 123,960 642 610 32 212 1 5 26 181 6,566	263 152,945 128,845 632 607 25 250 (^L) 5 22 222 6,952	268 160,565 135,688 657 631 26 210 (^L) 9 17 184 7,039	282 169,321 142,606 697 678 199 189 (^(L)) 7 21 160 7,303	228 179,143 151,967 756 736 200 200 (P) 32 161 7,898	250 190,296 163,518 815 793 229 (20) 36 184 8,329	235 202,203 174,558 871 n.a. 231 n.a. n.a. n.a. 9,294	712 339,605 283,266 1,490 906 584 307 (P) (P) 119 165 11,906	559 347,171 289,071 1,496 863 633 348 (P) (P) 130 189 12,719	477 362,883 303,931 1,608 903 705 343 25 9 139 170 12,805	634 385,904 325,754 1,629 942 687 369 30 12 165 161 13,235	347 407,007 345,990 1,731 1,012 720 418 27 13 212 165 14,100	551 432,020 369,323 1,854 1,106 749 419 27 14 205 172 15,666	548 462,944 397,119 2,018 n.a. n.a. n.a. n.a. n.a. 17,293	956 182,036 155,445 949 928 21 1,380 (L) 985 186 209 10,042	790 188,274 160,882 885 858 26 1,383 (L-) 962 204 217 10,694	576 195,040 167,063 895 878 17 1,317 (L) 919 183 214 10,491	995 202,515 173,642 908 901 7 7,390 (L) 945 218 228 10,930	582 213,599 184,312 979 964 15 1,494 (L) 983 272 238 11,806	697 226,021 195,939 1,083 1,063 20 1,592 (P) 1,033 (P) 258 12,577	513 237,307 206,604 1,196 n.a. n.a. 1,593 n.a. n.a. n.a. n.a.	15 16 17 18 19 20 21 22 23 24 25 26
25,734 9,248 128 236 679 629 1,355 1,701 1,657 408 112 1,754 4 4 4 62 787,787 2,559 9,962 642 1,089	26,531 9,541 136 255 707 1,351 1,761 1,761 1,761 1,951 1,951 1,465 762 946 2,661 8,342 1,109 112	26,853 9,663 135 247 740 1,377 1,713 1,664 720 142 1,751 1,751 1,928 (P) 414 17,190 1,928 (P) 2,642 8,740 5,80 1,106	26,587 9,339 135 226 723 607 1,347 1,791 1,588 388 1843 1,843 1,980 1,249 1,980 8,716 523 1,092 1,121	27,789 9,708 147 254 728 635 1,354 1,821 1,629 422 171 1,984 2,010 1 398 688 976 3,028 9,221 1,127	28,890 9,976 161 161 263 746 645 1,339 1,911 1,550 18,915 2,041 1,015 3,152 9,845 542 1,102	29,582 10,274 n.a. n.a. n.a. n.a. n.a. n.a. 19,308 n.a. n.a. n.a. n.a. n.a. n.a.	45,632 24,555 463 475 1,142 1,003 2,044 5,405 5,906 1,295 21,077 2,685 1,077 2,685 1,424 7,619 4,095 328 1,424 7,619 4,095 328 1,424 7,619 4,095 328 1,424 7,619	45,742 24,220 459 485 1,170 969 2,111 5,003 3,885 5,625 1,945 5,625 2,717 1,522 2,717 1,913 4,220 317 1,114 2,118	46,001 24,396 453 472 1,223 1,223 2,136 4,030 2,351 1,400 2,605 2,614 230 2,735 1,407 8,125 4,257 2,74 1,180 2,131	46,367 24,711 435 472 1,358 472 2,152 5,345 4,129 1,920 5,954 1,129 2,687 30 1,410 8,094 4,265 2,284 1,171 2,284 1,171 2,284	47,926 25,301 460 504 1,312 2,280 5,711 4,237 2,037 6,711 1,444 22,625 2,728 302 2,728 3,523 4,554 2,80 1,288 2,280 1,288 2,280	50,072 26,366 503 5,70 1,394 1,035 2,434 6,031 4,625 2,038 6,643 1,23,706 2,793 2,794 2,794 1,417 9,327 4,833 2,57 1,129	50,845 26,722 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.	39,432 22,283 1,003 539 1,661 4,185 3,234 4,165 2,905 1,464 7,17 1,149 2,994 2,646 6,633 1,417 1,77	41,075 23,173 1,084 4,088 3,320 4,454 3,060 784 1,482 7,902 3,043 2,563 1,694 2,962 6,189 6,1513	42,282 23,712 1,991 553 1,750 4,179 3,443 4,557 3,083 1,856 1,509 2,999 2,7 620 1,022 1,631 3,028 6,892 6,992 1,574	43,118 24,267 1,111 574 1,876 4,361 3,506 4,704 3,103 802 1,821 1,561 847 18,852 3,078 620 927 1,599 3,091 7,088 614 1,659	45,013 25,212 1,198 618 1,881 4,254 3,665 4,988 1,585 1,585 19,801 3,172 39 622 924 1,634 3,198 7,674 621 1,776	46,775 26,284 1,324 1,996 4,225 3,816 5,242 2,002 1,646 9,277 41 622 915 1,612 3,319 7,990 7,15 1,839	47,671 26,491 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
12,223 123 2,501 686 2,405 4,481 2,027	13,323 127 2,604 692 2,634 5,138 2,127	14,076 121 2,583 561 2,840 5,606 2,365	15,026 117 2,594 535 3,193 6,028 2,560	15,907 113 2,805 544 3,210 6,663 2,571	16,301 132 2,933 507 3,470 6,630 2,628	16,539 n.a. n.a. n.a. n.a. n.a.	20,726 408 2,334 512 5,754 7,562 4,156	21,270 423 2,452 490 5,817 7,856 4,233	22,240 421 2,467 436 6,122 8,459 4,335	23,840 417 2,476 429 6,287 9,610 4,621	24,750 423 2,582 450 6,613 9,993 4,690	25,886 (P) 2,733 469 (P) 10,363 4,854	26,471 n.a. n.a. n.a. n.a. n.a. n.a.	12,437 758 2,747 247 2,685 2,742 3,257	12,937 771 2,927 230 2,889 2,785 3,335	13,252 729 2,981 207 2,915 3,157 3,262	13,887 714 2,984 198 3,102 3,495 3,393	14,658 692 3,228 197 3,313 3,757 3,472	15,514 (^D) 3,487 190 (^D) 3,928 3,610	15,847 n.a. n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
12,442 11,863 12,256 2,769 9,487	13,038 12,299 12,082 2,809 9,273	13,507 12,837 13,086 2,959 10,128	14,168 13,157 14,639 3,088 11,551	15,118 13,756 15,863 3,191 12,672	16,709 14,361 18,180 3,666 14,514	17,939 14,933 20,115 n.a. n.a.	19,819 22,517 57,319 13,395 43,924	20,301 23,667 57,009 13,496 43,513	20,837 24,146 64,928 14,497 50,432	21,378 24,883 77,797 15,186 62,610	22,523 26,290 84,138 16,059 68,078	24,022 27,724 89,366 16,632 72,735	25,690 29,840 98,226 n.a. n.a.	10,266 16,412 13,037 3,718 9,319	10,695 16,998 13,248 3,775 9,473	11,205 17,620 14,144 3,839 10,304	11,160 18,048 15,328 4,137 11,191	11,789 18,976 16,537 4,366 12,170	12,629 19,750 18,231 4,973 13,258	13,487 20,533 19,482 n.a. n.a.	58 59 60 61 62
42,022 2,560 1,106 275 8,358 1,001 489 876 281 12,946 2,898 1,356 1,018 23 1,056 7,419 360	43,739 2,618 1,086 9,333 1,075 467 897 293 13,464 2,888 1,447 1,089 2,40 1,40 7,222 414	47,423 2,816 1,134 10,512 1,107 491 998 339 14,274 3,064 1,508 1,192 2,150 7,989 543	50,839 2,954 1,182 33 12,229 1,151 510 1,047 373 14,871 1,550 1,226 26 28 8,541 534	54,677 2,925 1,244 303 14,074 1,197 486 1,076 366 15,283 3,382 1,637 1,313 26 1,217 9,531 617	59,704 3,213 1,333 352 16,257 1,255 539 1,193 388 15,818 3,539 1,773 1,453 28 28 1,277 10,690 595	65,054 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	103,551 1,999 2,201 1,348 1,541 1,692 765 3,848 2,661 29,706 12,709 6,451 5,563 277 2,874 11,694 2,222	106,518 2,077 2,320 1,378 18,229 1,768 760 2,769 31,427 12,448 6,702 5,999 30,020 11,913 1,789	111,023 2,286 2,414 1,464 19,176 1,780 781 4,049 3,354 32,961 12,821 12,821 12,937 6,975 6,237 2,934 11,917 1,545	116,256 2,365 2,434 1,049 1,852 787 4,203 3,626 34,188 13,618 13,618 7,067 6,338 3,026 12,521 1,360	124,115 2,484 2,627 1,454 24,208 1,970 819 3,349 34,878 14,979 3,158 3,158 13,571 1,663	134,313 2,669 2,789 1,679 27,431 2,145 877 4,830 3,606 36,046 16,199 8,501 7,041 393 3,324 15,040 1,744	146,319 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	51,489 936 1,606 288 7,048 1,389 577 1,241 245 20,047 3,787 4,102 2,192 69 35 5456 603	52,967 930 1,632 296 7,294 1,554 586 1,241 232 20,292 3,846 4,403 2,367 73 2,032 5,646 543	55,858 961 1,591 314 8,014 1,552 616 1,342 251 20,980 4,054 4,752 2,575 79 2,034 6,120 625	58,872 1,033 1,612 31 4,9,035 1,634 638 1,443 258 21,905 4,130 4,907 2,725 86 2,136 6,388 627	63,060 1,083 1,712 3,022 1,756 653 1,492 267 22,816 4,405 5,147 2,900 87 7,176 737	67,789 1,185 1,785 31,846 1,911 700 1,830 264 23,556 4,632 5,503 3,185 95 2,313 7,866 761	72,759 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78
23,337 4,307 734 18,296 5,237 13,060	24,100 4,310 739 19,051 5,401 13,650	24,878 4,245 754 19,879 5,859 14,020	26,715 4,282 752 21,681 7,263 14,418	27,176 4,217 759 22,200 7,457 14,743	26,778 4,223 767 21,789 6,307 15,482	27,645 4,389 778 22,478 n.a. n.a.	56,339 7,996 1,676 46,667 10,258 36,409	58,100 8,117 1,585 48,399 10,917 37,482	58,952 8,095 1,405 49,453 10,841 38,612	60,150 8,233 1,349 50,569 10,973 39,595	61,017 8,261 1,329 51,427 10,790 40,638	62,698 8,373 1,343 52,981 11,015 41,966	65,825 8,766 1,339 55,719 n.a. n.a.	26,592 6,346 950 19,296 5,763 13,532	27,392 6,424 983 19,986 6,065 13,921	27,978 6,318 870 20,790 6,314 14,476	28,873 6,400 815 21,658 6,356 15,302	29,287 6,500 796 21,991 6,088 15,903	30,082 6,535 786 22,761 6,262 16,500	30,703 6,678 793 23,233 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source [Millions

		<u> </u>			Great Lake	s						Illinois			
Line	ltem	1993 °	1994 °	1995 "	1996 "	1997 r	1998 r	1999 <i>P</i>	1993 °	1994 "	1995 <i>°</i>	1996 ′	1997 <i>°</i>	1998 r	1999 <i>p</i>
1 2 3	Income by Place of Residence Personal income (lines 4-9) Population (thousands) 2 Per capita personal income (dollars) 3	929,524 43,083 21,575	984,893 43,342 22,724	1,034,159 43,629 23,703	1,079,799 43,888 24,604	1,144,594 44,082 25,965	1,203,240 44,257 27,187	1,257,829 44,442 28,303	274,221 11,726 23,386	288,509 11,805 24,440	304,767 11,885 25,643	322,790 11,953 27,005	341,938 12,012 28,468	360,317 12,070 29,853	379,351 12,128 31,278
4 5 6 7 8 9	Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance ⁴ Plus: Adjustment for residence ⁵ Equals: Net earnings by place of residence Plus: Dividends, interest, and rent ⁶ Plus: Transfer payments	668,357 38,706 2,291 631,942 166,532 131,050	709,226 41,925 2,496 669,797 180,355 134,741	743,162 44,362 2,662 701,462 191,054 141,643	771,735 46,015 2,924 728,644 203,690 147,465	817,743 48,684 3,328 772,387 218,198 154,009	865,954 51,094 3,474 818,334 229,543 155,362	908,613 53,279 3,704 859,038 239,731 159,060	200,606 11,473 -396 188,736 50,813 34,672	210,738 12,281 -449 198,008 54,744 35,758	220,715 13,029 -548 207,139 59,424 38,205	233,061 13,566 -652 218,843 63,968 39,978	247,933 14,445 -703 232,785 68,011 41,142	263,398 15,229 -953 247,216 71,536 41,566	278,573 15,979 -1,023 261,571 74,973 42,807
10 11 12 13 14	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 7 Farm Nonfarm	523,505 84,581 60,271 2,123 58,148	556,671 90,249 62,306 2,720 59,586	589,399 89,365 64,398 766 63,632	619,274 81,505 70,956 3,593 67,362	658,843 83,824 75,076 3,162 71,914	702,806 85,974 77,175 1,766 75,409	739,652 87,996 80,966 120 80,846	156,233 23,610 20,762 931 19,831	164,017 24,791 21,930 1,411 20,519	173,754 23,695 23,267 39 23,228	183,076 23,345 26,640 1,678 24,962	196,096 23,703 28,134 1,408 26,726	210,098 24,469 28,832 724 28,108	222,453 25,355 30,765 26 30,739
15 16 17 18 19 20 21 22 23 24 25 26	Farm Nonfarm Private Agricultural services, forestry, fishing, and other s Agricultural services Agricultural services Agricultural services Forestry, fishing, and other s Mining Metal mining Coal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels Construction	3,923 664,434 564,497 3,139 3,074 65 2,359 98 974 605 682 34,421	4,466 704,760 601,199 3,110 3,034 76 2,502 127 1,037 616 722 37,863	2,510 740,653 633,715 3,254 3,189 64 2,479 222 926 620 711 39,300	5,393 766,341 655,817 3,368 3,327 41 2,444 144 892 667 741 42,226	5,076 812,667 698,275 3,705 3,649 56 2,550 118 883 777 771 45,486	3,939 862,016 743,965 4,076 4,011 65 2,637 131 893 799 814 49,038	2,495 906,118 783,790 4,513 n.a. 2,553 n.a. n.a. n.a. 52,369	1,284 199,322 170,410 966 939 27 800 (P) 462 (P) 10,365	1,741 208,997 179,033 950 921 29 848 (P) 505 (P) (P)	364 220,352 189,503 981 949 32 762 1 444 131 186 11,600	2,001 231,060 198,891 1,018 989 29 765 1 421 149 195 12,229	1,730 246,204 212,862 1,130 1,098 32 730 1 362 173 194 13,024	1,115 262,283 227,596 1,256 1,221 34 719 11 346 174 199 14,005	456 278,117 241,694 1,381 n.a. n.a. 702 n.a. n.a. n.a. n.a.
278 299 31 32 33 43 55 63 73 89 94 14 24 34 44 45 64 74 89 95 95 95 95 95 95 95 95 95 95 95 95 95	Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Textile mill products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Petroleum and coal products Petroleum and coal products Leather and leather products Leather and leather products	181,671 124,906 3,238 3,521 4,270 13,657 17,799 25,446 13,127 32,903 3,945 1,766 2,233 1,597 6,476 11,555 14,623 1,463 9,428 4,73	196,066 136,962 3,643 3,830 4,577 14,013 19,692 27,854 14,287 3,845 4,873 2,464 59,105 10,982 423 1,756 6,746 11,814 15,069 1,517 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 4,967 10,285 10,2	204,346 143,770 3,706 3,982 4,773 13,810 20,563 29,451 14,162 42,011 3,963 2,468 60,575 10,954 411 1,796 6,846 11,952 16,053 1,315 10,701	200.593 138,583 3,826 4,056 5,018 13,942 20,714 30,045 14,399 35,038 3,918 5,039 2,528 62,010 11,397 2,130 18,338 7,070 12,130 16,338 1,307 10,944	211,238 146,547 4,041 5,189 14,133 21,519 32,249 4,151 5,596 2,713 64,691 11,795 22 441 1,117 1,738 12,568 17,099 1,357 11,713	220,004 152,312 4,334 4,787 5,428 14,546 122,291 32,716 15,714 39,384 4,483 5,830 2,800 67,692 12,205 23 30 (P) 1,884 7,492 13,135 18,140 1,389 12,514 (P)	225 598 156 207 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	39,955 30,594 403 537 832 2,342 2,342 4,366 447 1,531 16,361 16,361 15 94 4,146 4,055 564 2,046 2,046 97	42,397 25,403 452 553 890 2,382 4,202 7,132 4,828 2,007 485 1,566 908 16,993 3,798 14 102 348 1,312 4,290 4,194 679 2,152 103	43,497 26,172 429 542 907 2,166 4,532 7,590 5,188 1,928 5,266 1,499 864 17,325 3,809 107 345 1,386 4,379 4,364 5,47 2,269	44,524 26,858 435 533 980 2,212 4,568 7,990 1,782 557 1,547 887 1,666 4,002 337 1,422 4,384 4,384 4,322 547 2,340	47,625 29,037 4588 568 977 2,214 4,839 9,018 5,848 1,891 1,669 956 18,588 4,259 (P) (P) 356 1,452 4,611 4,600 571 2,511 4,600	48,996 29,659 4699 1,029 2,269 2,269 2,050 8,858 6,048 1,969 6,048 1,757 976 19,337 4,465 (D) 347 1,493 4,759 4,749 2,709	49,714 30,009 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
51 52 53 54 55 56 57	Transportation and public utilities Ralinoad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	40,736 2,424 11,281 457 8,653 9,005 8,916	43,238 2,433 12,388 466 9,505 9,319 9,127	45,126 2,392 12,901 450 9,952 10,024 9,407	47,194 2,392 13,121 475 10,545 10,727 9,933	50,131 2,369 14,120 488 11,463 11,625 10,066	53,142 2,590 15,084 (P) 12,107 10,503	53,866 n.a. n.a. n.a. n.a. n.a. n.a.	14,777 981 3,070 142 4,121 3,637 2,826	15,485 1,004 3,336 135 4,502 3,638 2,870	16,453 984 3,419 136 4,555 4,222 3,137	17,497 966 3,568 147 4,675 4,668 3,474	18,712 954 3,888 152 5,063 5,080 3,576	19,704 1,010 4,141 161 5,372 5,276 3,745	19,956 n.a. n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	42,057 56,829 45,699 13,633 32,067	44,627 60,373 47,308 13,881 33,427	47,304 63,564 50,508 14,198 36,310	48,906 66,062 53,995 15,472 38,523	52,160 69,144 59,577 17,053 42,524	55,925 72,860 65,496 19,011 46,485	59,465 76,246 70,802 n.a. n.a.	14,728 16,284 18,898 5,200 13,698	15,359 17,079 19,505 5,308 14,197	16,318 17,926 20,880 5,423 15,457	16,412 18,251 22,052 5,843 16,209	17,369 19,207 24,518 6,420 18,098	18,599 20,183 27,007 7,087 19,920	19,975 21,156 29,813 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	4,195 1,227 56,076 11,688 6,072 5,919	166,112 2,924 5,844 1,062 30,653 5,379 2,257 4,652 1,167 58,425 11,732 6,412 6,382 280 7,404 19,602 1,937	177,835 3,247 5,995 1,134 34,276 5,596 2,452 5,263 1,182 61,280 12,089 6,833 6,941 297 7,496 21,732 2,042	191,029 3,366 6,155 1,142 38,132 5,949 2,546 5,653 1,225 65,020 12,657 7,240 7,392 317 7,849 23,953 2,433	204,284 3,493 6,439 1,140 6,234 2,546 5,969 1,235 67,869 13,336 7,775 342 8,777 26,101 2,845	220,787 3,729 6,788 1,315 49,330 6,705 2,820 6,490 1,316 70,629 14,077 8,217 8,368 368 368 368 368 29,231 2,889	238,378 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	53,637 1,080 1,668 324 10,835 1,537 737 1,378 496 15,288 5,342 2,327 1,719 122 2,483 7,590 712	56,144 1,091 1,664 333 11,817 1,656 748 1,606 461 15,782 5,213 2,457 1,896 127 2,598 7,936 759	61,086 1,211 1,709 355 13,440 1,768 813 1,898 460 16,538 5,405 2,610 2,054 133 2,644 9,264 784	66,142 1,255 1,757 3588 15,227 1,865 850 2,009 482 17,387 5,722 2,797 2,187 143 2,765 10,419 918	11,355	77,126 1,384 1,941 413 19,844 2,062 942 2,138 506 18,858 6,378 3,173 2,487 165 3,017 12,724 1,093	83,791 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local		103,561 17,136 3,610 82,815 22,625 60,191	106,938 17,510 3,507 85,920 23,101 62,819	110,525 17,918 3,681 88,926 23,907 65,019	114,392 17,990 3,685 92,718 24,683 68,035	118,051 18,375 3,699 95,977 25,083 70,894	122,328 19,348 3,762 99,218 n.a. n.a.	28,911 5,497 1,471 21,944 5,230 16,714	29,964 5,581 1,492 22,891 5,501 17,390	30,849 5,652 1,561 23,635 5,636 17,999	5,867	25,733 6,128	34,687 5,906 1,835 26,946 6,350 20,596	36,423 6,146 1,898 28,379 n.a. n.a.

and Earnings by Industry $^{\rm I}$, 1993–99–Continued of dollars]

of dollars	j ———																				
1993 *	1994 -	1995 '	Indiana 1996 r	1997 -	1998	1999 <i>p</i>	19937	1994 r	1995	Michigan 1996 r	1997	1998 "	1999 <i>p</i>	1993 -	1994	1995	Ohio 1996 -	1997	1998 r	1999-2	Line
114,675 5,702 20,112	121,537 5,746 21,153	126,525 5,792 21,845	132,890 5,835 22,775	140,405 5,872 23,909	148,651 5,908 25,163	155,061 5,943 26,092	203,828 9,529 21,390	219,121 9,584 22,862	231,594 9,660 23,975	238,095 9,739 24,447	252,266 9,785 25,780	264,016 9,820 26,885	274,643 9,864 27,844	232,463 11,070 20,999	245,156 11,111 22,063	255,313 11,155 22,887	264,162 11,187 23,613	280,289 11,212 24,998	292,999 11,238 26,073	304,847 11,257 27,081	1 2 3
82,092 5,064 1,725 78,752 19,579 16,344	87,089 5,494 1,870 83,465 21,125 16,947	90,449 5,774 2,056 86,730 22,590 17,204	94,568 5,967 2,210 90,810 23,985 18,094	99,781 6,283 2,465 95,964 25,704 18,737	106,049 6,630 2,811 102,230 27,038 19,383	110,704 6,893 2,997 106,807 28,264 19,990	147,527 8,735 639 139,431 34,288 30,109	159,335 9,614 697 150,418 38,485 30,217	169,934 10,226 702 160,410 39,496 31,688	172,677 10,629 741 162,789 42,298 33,008	181,910 11,163 798 171,546 45,201 35,519	192,096 11,675 908 181,330 47,631 35,056	200,723 12,113 946 189,556 49,687 35,400	164,589 8,965 -1,261 154,363 42,645 35,455	173,959 9,711 -1,313 162,935 45,286 36,936	180,582 10,228 -1,299 169,055 47,440 38,818	186,222 10,548 -1,301 174,373 49,601 40,187	197,853 11,151 -1,372 185,330 53,199 41,760	208,360 11,649 -1,731 194,980 55,822 42,197	217,522 12,101 -1,812 203,609 57,976 43,261	4 5 6 7 8 9
64,563 10,204 7,324 460 6,864	68,911 10,754 7,424 386 7,038	72,676 10,559 7,214 -1 7,215	76,073 10,065 8,430 759 7,671	80,526 10,357 8,898 699 8,199	86,454 10,715 8,881 234 8,647	90,744 10,961 8,998 -157 9,155	115,420 20,797 11,310 191 11,119	124,988 22,788 11,559 38 11,521	133,113 23,967 12,855 272 12,582	140,167 19,186 13,325 61 13,264	148,026 19,831 14,054 2 14,052	157,419 20,108 14,568 -80 14,648	164,865 20,275 15,583 -7 15,590	129,126 20,640 14,823 466 14,357	136,971 21,888 15,100 703 14,396	144,478 21,260 14,844 489 14,355	151,053 19,413 15,756 772 14,984	160,375 20,308 17,170 1,169 16,001	170,161 20,798 17,401 663 16,738	178,395 21,196 17,931 329 17,602	10 11 12 13 14
697 81,395 69,488 378 374 4 341 (-(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-	610 86,479 74,280 356 351 4 366 (L) (D) (D) 5,483	220 90,229 77,725 379 377 2 345 (L-) 199 24 122 5,697	980 93,588 80,551 389 389 (L) 203 203 29 124 6,009	923 98,858 85,597 429 428 406 (L) 234 37 135 6,501	507 105,542 91,697 466 465 2 422 (¹ -) 247 37 139 7,030	144 110,560 96,299 520 n.a. n.a. 410 n.a. n.a. n.a. 7,169	617 146,910 124,676 585 570 15 436 138 9 181 108 6,338	463 158,872 135,877 631 612 20 434 147 10 168 109 7,120	705 169,230 145,461 672 659 13 456 145 9 191 111 7,757	520 172,157 147,698 725 719 6 447 123 5 205 115 8,705	514 181,397 156,145 804 793 11 495 115 253 123 9,543	468 191,628 166,268 877 864 14 523 120 6 264 134 10,425	590 200,134 174,183 963 n.a. n.a. n.a. n.a. n.a. n.a. 11,122	761 163,829 138,514 743 739 5 673 (D) 243 192 8,434	984 172,974 146,576 735 729 7 737 (P) 262 206 9,265	767 179,815 152,437 776 773 3 800 72 268 265 196 9,479	1,052 185,171 157,182 786 789 -3 760 16 258 276 210 10,126	1,453 196,399 167,074 862 861 1 791 -2 278 300 216 10,869	1,009 207,351 176,976 945 942 3 829 6 289 311 223 11,593	712 216,811 185,481 1,040 n.a. n.a. 816 n.a. n.a. n.a. 12,358	15 16 17 18 19 20 21 22 23 24 25 26
25,640 18,627 714 658 658 3,434 1,945 2,824 3,071 3,403 342 7,013 1,033 1,033	27,475 20,372 811 720 675 3,509 2,150 3,079 3,974 975 727 373 7,103 1,052	28,710 21,309 852 752 752 3,193 2,225 3,193 2,706 5,103 1,036 732 383 7,401 1,067	28,630 20,902 903 744 73,699 2,289 3,149 2,564 1,016 779 386 7,728 1,132	30,061 21,933 949 789 789 3,819 2,377 3,288 2,515 5,023 1,066 955 403 8,128 1,189 (P)	31,921 23,145 1,047 853 3,992 2,479 3,455 2,512 5,403 1,156 1,053 8,776 1,234 (9)	33,194 24,097 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	48,929 38,162 556 1,413 7,882 5,001 5,611 1,371 20,042 580 684 282 10,767 1,638 (L)	54,976 43,367 636 1,565 854 1,974 5,693 6,224 1,514 23,332 799 315 11,608 1,711 (L)	58,562 46,478 652 1,677 1,978 5,896 6,614 1,524 25,626 527 733 331 12,084 1,667 (L)	54,582 42,272 645 1,750 1,019 5,923 6,637 1,551 21,173 526 804 338 12,310 1,687 (¹)	57,001 44,409 46,71 1,944 1,953 6,195 7,050 1,689 22,069 542 886 367 12,591 1,682 1,682 223 23	59,880 46,793 719 2,100 1,180 2,008 6,267 7,161 1,789 23,699 596 897 1,695 (L) 1,695 13,087 1,695 22,22	61,941 48,656 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	46,615 31,910 722 476 1,685 5,160 4,947 6,333 2,916 6,388 1,761 1,053 469 14,705 2,229 (L)	48,934 33,921 815 514 1,777 5,238 5,436 6,877 3,046 6,877 1,563 1,066 512 15,013 2,251 (L)	50,219 35,090 853 523 1,826 5,120 5,585 7,326 3,121 7,615 1,505 1,090 15,130 2,228 (¹ -)	49,364 34,015 903 528 1,882 5,178 5,541 7,467 3,213 6,182 1,450 1,117 553 15,349 2,300 (¹ -)	51,501 35,516 931 586 1,981 5,518 5,534 7,733 3,353 3,353 1,142 616 15,986 2,344 (-)	53,091 36,347 1,038 623 1,979 5,186 5,739 7,941 3,460 6,917 1,659 1,1659 1,1659 1,1659 1,45 637 16,743 2,415 (L)	54,096 36,994 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43
210 531 1,251 2,250 218 1,448	221 553 1,304 2,058 221 1,615 41	210 541 1,330 2,261 207 1,706 41	199 571 1,358 2,430 208 1,752	184 583 1,395 2,638 217 1,849	194 605 1,461 3,078 235 1,904 (P)	n.a. n.a. n.a. n.a. n.a. n.a.	601 922 1,774 3,810 114 1,748 97	722 954 1,801 4,096 117 2,039	756 964 1,729 4,526 103 2,176 125	833 995 1,702 4,555 104 2,291 125	795 1,004 1,735 4,603 115 2,492 142	847 1,009 1,810 4,769 115 2,670	n.a. n.a. n.a. n.a. n.a. n.a.	300 1,495 2,779 3,914 547 3,241 79	311 1,580 2,685 4,059 479 3,435 84	(L) 134 321 1,566 2,708 4,208 439 3,434 90	308 1,580 2,804 4,263 428 3,419 95	317 1,645 2,878 4,476 433 3,638 80	327 1,679 3,015 4,723 428 3,919 56	n.a. n.a. n.a. n.a. n.a. n.a.	42 43 44 45 46 47 48 49 50
5,149 357 2,012 83 718 874 1,105	5,467 363 2,178 80 787 900 1,158	5,587 350 2,262 83 852 870 1,170	5,788 356 2,269 95 931 887 1,251	5,989 358 2,397 100 1,009 911 1,214	6,439 398 2,545 102 1,124 989 1,280	6,517 n.a. n.a. n.a. n.a. n.a. n.a.	7,206 342 1,709 55 1,619 1,523 1,957	7,777 330 1,924 62 1,790 1,612 2,059	8,161 328 2,003 59 1,947 1,628 2,196	8,499 338 2,021 64 2,124 1,683 2,269	9,065 320 2,159 65 2,328 1,891 2,302	9,571 (^D) 2,318 72 (^D) 1,921 2,394	9,660 n.a. n.a. n.a. n.a. n.a.	9,286 525 2,817 153 1,475 2,213 2,103	9,885 509 3,083 162 1,653 2,376 2,103	10,147 499 3,187 144 1,782 2,517 2,019	10,526 509 3,229 142 1,936 2,679 2,032	11,157 507 3,464 144 2,130 2,879 2,033	11,847 (^D) 3,713 153 (^D) 2,997 2,074	11,936 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
4,469 7,351 4,527 1,510 3,017	4,771 7,885 4,867 1,527 3,339	5,075 8,344 4,984 1,557 3,427	5,299 8,818 5,400 1,685 3,715	5,617 9,198 5,997 1,848 4,149	6,028 9,650 6,600 2,033 4,567	6,437 10,176 7,109 п.а. n.а.	8,604 12,007 7,693 2,543 5,149	9,245 12,779 7,935 2,580 5,356	9,871 13,518 8,588 2,692 5,896	10,408 14,192 9,381 2,977 6,403	11,129 14,749 10,083 3,186 6,897	11,930 15,562 11,039 3,567 7,473	12,499 16,217 11,470 n.a. n.a.	9,959 14,615 9,854 3,058 6,796	10,716 15,666 10,142 3,146 6,996	11,281 16,524 10,754 3,204 7,550	11,769 17,271 11,567 3,547 8,021	12,651 18,066 12,848 3,987 8,861	13,564 19,086 14,247 4,607 9,640	14,400 19,827 15,361 n.a. n.a.	58 59 60 61 62
16,767 308 749 131 2,564 607 276 399 108 7,102 918 745 633 25 819 1,173 209	17,611 321 764 135 2,751 687 286 434 104 7,415 923 774 678 26 872 1,231	18,605 338 784 145 2,966 723 310 487 7,746 968 813 731 27 731 27 74	19,863 372 801 146 3,225 766 318 638 115 8,213 1,009 834 774 28 933 1,510	21,400 392 848 146 3,586 801 336 812 112 8,714 1,081 888 882 300 964 1,644	23,140 432 876 1699 4,095 870 368 931 122 9,093 1,161 956 912 32 1,009 1,893 221	24,769 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	32,879 511 1,167 225 6,241 1,014 493 824 352 12,039 2,038 809 1,311 25 1,385 1,385 3,908 539	34,979 523 1,209 232 6,879 1,133 495 326 12,690 2,072 877 1,388 28 1,467 4,266 488	37,875 566 1,238 248 7,856 1,160 541 990 309 13,537 2,123 955 1,511 30 1,484 4,784 542	40,760 589 1,277 250 8,520 1,263 562 1,081 325 14,454 2,230 1,042 1,597 32 1,585 5,259 714	43,277 606 1,334 250 9,570 1,344 580 1,126 2,327 14,865 2,325 1,651 34 1,591 5,725 837	46,460 645 1,417 288 10,908 1,399 628 1,271 347 15,255 2,438 1,200 1,712 36 1,633 6,435 848	49,825 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	38,334 622 1,514 245 6,003 1,206 518 1,065 190 15,171 2,496 1,420 76 1,529 4,464 317	40,494 634 1,536 252 6,680 1,336 515 1,147 2,566 1,560 1,526 80 1,612 4,763 317	42,456 718 1,582 268 7,311 1,365 560 1,312 204 16,313 2,597 1,670 1,673 87 1,632 4,785	45,012 735 1,621 2702 7,982 1,437 580 1,296 2,748 1,745 1,773 93 1,687 5,150 442	48,329 775 1,699 9,116 1,519 576 1,329 206 18,187 2,912 1,838 1,898 102 1,753 5,616 5,34	51,774 804 1,792 309 10,277 1,658 622 1,450 222 18,839 3,060 1,962 2,068 111 1,835 6,252 514	55,647 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
11,907 2,353 492 9,061 2,753 6,308	12,199 2,357 437 9,405 2,862 6,544	12,504 2,337 359 9,809 2,994 6,815	13,037 2,316 338 10,383 3,159 7,224	13,262 2,173 334 10,755 3,124 7,631	13,845 2,238 333 11,274 3,264 8,010	14,261 2,366 337 11,557 n.a. n.a.	22,234 2,914 540 18,780 5,667 13,113	22,994 3,022 477 19,495 5,912 13,583	23,769 3,078 402 20,289 5,929 14,360	24,459 3,154 384 20,921 6,307 14,613	25,251 3,255 375 21,622 6,476 15,146	25,359 3,375 361 21,623 6,170 15,453	25,951 3,606 363 21,983 n.a. n.a.	25,315 4,509 989 19,817 5,177 14,640	26,399 4,712 928 20,759 5,503 15,256	27,378 4,962 920 21,497 5,588 15,909	27,989 5,043 940 22,006 5,578 16,428	29,325 5,156 917 23,252 5,847 17,405	30,375 5,217 887 24,271 6,094 18,176	31,330 5,476 882 24,971 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source [Millions

					Wisconsin							Plains			- [IVIIIIIVI]
Line	ltem	1993 r	19947	1995 °	1996 <i>°</i>	1997 -	19987	1999 <i>P</i>	1993 °	1994 <i>"</i>	1995 -	1996″	1997 r	1998 r	1999 P
1 2 3	Personal income (lines 4-9) Population (thousands) 2 Per capita personal income (dollars) 3	104,337 5,055 20,639	110,570 5,096 21,699	115,960 5,137 22,573	121,864 5,174 23,554	129,697 5,200 24,941	137,256 5,222 26,284	143,927 5,250 27,412	368,899 18,093 20,389	393,000 18,230 21,558	410,645 18,363 22,363	439,948 18,484 23,802	463,645 18,593 24,936	488,226 18,693 26,118	512,961 18,800 27,285
4 5 6 7 8 9	Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Transfer payments Earnings by Place of Work	73,544 4,469 1,584 70,659 19,207 14,471	78,106 4,827 1,691 74,971 20,716 14,883	81,482 5,105 1,751 78,127 22,104 15,728	85,206 5,304 1,927 81,828 23,838 16,198	90,265 5,642 2,140 86,763 26,083 16,851	96,051 5,911 2,439 92,579 27,517 17,161	101,091 6,193 2,596 97,494 28,831 17,601	263,503 16,510 -2,730 244,264 72,417 52,217	282,034 17,766 -2,889 261,378 77,366 54,256	292,414 18,754 -3,037 270,623 82,657 57,364	314,677 19,621 -3,196 291,860 88,237 59,852	330,616 20,828 -3,591 306,197 95,110 62,338	350,576 21,947 ~3,840 324,788 99,351 64,087	369,944 23,072 -4,063 342,809 103,774 66,378
10 11 12 13	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income? Farm Nonfarm	58,163 9,329 6,052 75 5,977	61,785 10,028 6,293 182 6,111	65,379 9,885 6,218 -34 6,252	68,904 9,497 6,805 324 6,482	73,820 9,626 6,819 –118 6,937	78,674 9,884 7,493 225 7,268	83,193 10,209 7,689 -71 7,760	203,001 31,145 29,357 3,750 25,607	215,249 33,055 33,730 7,240 26,490	228,926 32,383 31,105 3,542 27,563	243,138 31,748 39,792 10,453 29,339	259,992 32,394 38,230 6,671 31,559	278,723 33,381 38,472 5,219 33,253	295,751 34,584 39,609 3,723 35,886
15 16 17 18 19 20 21 22 23 24 25	Farm Nonfarm Private Agricultural services, forestry, fishing, and other s Agricultural services Forestry, fishing, and other s Mining Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels Construction	565 72,979 61,409 466 452 15 108 4 7 9 88 4,420	668 77,438 65,433 437 421 16 116 6 10 94 4,729	455 81,027 68,590 445 432 13 116 5 7 8 96 4,767	841 84,365 71,495 450 442 8 116 4 5 10 97 5,158	456 89,809 76,596 481 470 11 127 6 5 13 103 5,549	839 95,212 81,427 531 519 12 144 4 6 14 120 5,985	594 100,497 86,133 609 n.a. n.a. n.a. n.a. n.a. n.a. 6,515	5,213 258,290 213,432 1,924 1,908 16 1,434 384 188 519 343 14,345	8,788 273,246 226,550 1,745 1,726 1,439 403 143 506 387 16,400	5,113 287,301 238,939 1,733 1,720 13 1,514 447 167 513 386 16,955	12,144 302,533 252,223 1,707 1,701 6 1,533 456 141 542 393 18,490	8,459 322,158 270,298 1,868 1,857 11 1,648 450 139 643 417 19,729	7,272 343,304 289,566 (D) 13 (D) 166 630 462 21,436	6,048 363,896 307,954 (P) n.a. n.a. (P) n.a. n.a. n.a. n.a. 23,640
278899 3132334356 373899 412344456 447 4899	Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Textile mill products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Leather and leather products Leather and leather products	20,532 12,613 8444 437 356 839 2,011 4,128 1,394 1,294 1,294 2,088 (L) 952 2,258 1,604 594 594 6162	22,285 13,898 930 479 381 2,211 4,542 1,519 1,451 311 806 357 2,168 (1)00 154 2,348 1,734 662 21 1,044	23,358 14,722 920 487 392 2,324 4,728 1,623 1,738 369 824 3,848 2,183 (L) 1,633 1,816 694 1,116 1,116	23,493 14,536 939 502 419 949 2,392 4,801 1,702 1,246 368 852 364 4,8957 2,275 (L) 1,882 728 20 1,882 728 1,142	25,051 15,652 955 553 440 1,2575 5,159 1,848 1,349 943 372 9,399 2,322 (L) 106 1,690 1,950 7811 1,210	26,116 16,368 1,061 597 471 1,091 1,2755 5,301 1,396 453 9,748 2,396 (L) 102 2,705 2,089 821 1,313 22 1,313	26,653 16,452 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	51,689 30,282 1,519 927 1,165 1,289 3,706 7,874 3,760 3,172 3,753 2,362 7,55 21,407 7,228 1 1 88 7,761 4,897 2,877 2,977	55,004 32,403 1,731 1,002 1,272 1,376 1,376 1,376 2,406 8,462 4,068 3,488 3,448 3,448 2,437 824 2,602 7,656 1 95 792 2,843 5,201 3,042 2,279 2,279	56,928 33,608 1,785 1,038 1,346 1,346 4,060 8,734 4,070 3,785 3,896 2,602 23,320 7,960 1 1,060 1,070 2,873 3,192 2,873 3,192 2,873 3,192 2,437 2,437	58,077 34,162 1,872 1,046 1,425 1,520 4,158 8,878 4,138 2,766 8,175 1 1 93 736 2,997 5,465 3,308 3,308 2,997 5,465 3,308 2,997 5,465 3,308 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 2,997 5,465 3,208 4,208 4,208 5,408	61,888 36,839 1,994 1,124 1,472 1,472 9,600 4,623 3,361 4,759 2,994 8,519 93 7,518 5,720 3,618 5,720 3,674 2,674	64,669 38,849 2,191 1,202 1,569 4,668 10,194 4,892 3,420 4,990 7,16 6,022 3,627 99 7,16 6,022 3,627 3,74 2,850	65,631 39,085 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
51 52 53 54 55 56 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	4,319 219 1,674 24 720 758 925	4,624 227 1,867 26 773 793 937	4,777 231 2,030 28 816 787 885	4,884 224 2,035 28 880 810 908	5,208 230 2,212 27 933 864 941	5,580 240 2,366 (D) (D) 924 1,010	5,798 n.a. n.a. n.a. n.a. n.a.	19,931 2,132 5,489 122 3,978 4,515 3,695	20,961 2,126 5,927 141 4,149 4,798 3,821	21,830 2,143 6,189 119 4,313 5,102 3,964	22,935 2,240 6,272 133 4,592 5,484 4,212	24,922 2,323 6,880 138 4,964 6,275 4,343	26,332 2,431 7,460 155 5,369 6,432 4,484	27,754 n.a. n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	4,296 6,571 4,728 1,321 3,406	4,536 6,965 4,859 1,319 3,539	4,759 7,252 5,302 1,321 3,980	5,017 7,530 5,595 1,420 4,175	5,394 7,924 6,132 1,612 4,519	5,805 8,378 6,602 1,717 4,885	6,154 8,870 7,050 n.a. n.a.	18,295 24,781 18,748 5,668 13,081	19,358 26,333 19,493 5,849 13,644	20,742 27,716 20,758 6,032 14,726	22,132 28,874 22,428 6,455 15,973	23,433 30,336 24,314 7,034 17,280	24,989 32,305 27,158 7,963 19,195	26,513 34,357 29,987 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	15,970 344 667 106 2,309 515 223 530 81 6,476 894 892 836 18 771 1,344	16,883 356 671 109 2,527 568 213 558 84 6,759 959 744 894 188 856 1,406	17,813 394 682 117 2,714 579 228 576 94 7,146 977 784 971 19 19 853 1,514	19,252 414 700 118 3,178 618 236 629 101 7,716 949 822 1,061 20 0 899 1,615	1,003 861 1,072 23 1,002 1,761	22,287 464 762 136 4,207 717 259 700 119 8,584 1,041 924 1,189 24 1,023 1,926 212	24,347	62,283 1,469 2,571 470 10,050 2,248 1,018 1,934 545 23,169 3,914 2,854 2,643 80 2,795 5,569 953	65,816 1,499 2,672 486 11,130 2,467 1,006 2,081 448 24,080 3,942 2,858 84 3,049 5,872 1,079	70,763 1,598 2,710 519 12,568 2,482 1,089 2,537 490 25,422 3,985 3,247 3,052 91 1,3092 6,527 1,355	76,048 1,690 2,730 523 14,651 2,607 1,114 2,783 446 27,242 4,209 3,380 3,234 97 3,213 6,927 1,202	82,159 1,774 2,880 523 16,985 2,813 1,107 2,997 438 28,602 4,439 3,539 3,494 105 3,345 7,652 1,467	88,933 1,975 3,033 604 19,096 3,129 1,183 3,204 478 30,237 4,712 3,816 3,847 (P)	96,178 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local	11,570 1,411 280 9,880 2,749 7,131	12,005 1,464 275 10,265 2,847 7,418	12,437 1,481 265 10,691 2,954 7,737	12,870 1,549 274 11,048 2,995 8,053	13,213 1,575 282 11,355 3,108 8,248	13,785 1,639 282 11,863 3,205 8,658	14,364 1,754 283 12,327 n.a. n.a.	44,858 8,855 3,685 32,318 10,035 22,282	46,696 9,148 3,593 33,954 10,526 23,429	48,362 9,179 3,587 35,596 11,126 24,471		11,823	53,737 9,803 3,579 40,355 12,279 28,076	55,942 10,280 3,619 42,043 n.a. n.a.

and Earnings by Industry $^{\rm I}$, 1993–99–Continued of dollars]

			lawa		-					Vanana							Minnesota				
1993 r	1994 r	1995 r	lowa 1996 ^r	1997 "	1998 r	1999 <i>p</i>	1993 r	1994 -	1995 -	Kansas 1996 r	1997 <i>r</i>	1998 r	1999 <i>P</i>	1993 r	1994 r	1995 °	1996 r	1997 r	1998 r	1999 <i>P</i>	Line
53,391 2,821 18,929	57,999 2,829 20,498	60,171 2,841 21,181	64,696 2,848 22,713	68,170 2,854 23,882	70,797 2,861 24,745	73,821 2,869 25,727	52,250 2,548 20,510	54,857 2,569 21,352	56,627 2,587 21,889	60,074 2,598 23,121	63,855 2,616 24,406	67,383 2,639 25,537	70,686 2,654 26,633	99,787 4,522 22,068	107,152 4,566 23,467	113,217 4,605 24,583	122,080 4,648 26,267	129,080 4,688 27,536	138,307 4,726 29,263	146,236 4,776 30,622	1 2 3
36,683 2,422 345 34,606 10,702 8,084	40,724 2,608 342 38,458 11,218 8,323	41,682 2,760 385 39,308 12,111 8,752	45,155 2,856 413 42,712 12,858 9,127	47,390 3,017 464 44,837 13,880 9,452	49,142 3,181 485 46,446 14,609 9,742	51,179 3,325 530 48,384 15,329 10,107	36,352 2,211 1,010 35,151 9,974 7,126	38,116 2,359 960 36,718 10,663 7,475	39,310 2,472 974 37,811 11,097 7,718	41,726 2,585 1,131 40,273 11,873 7,928	44,501 2,760 1,060 42,801 12,715 8,338	47,412 2,921 1,281 45,771 13,145 8,467	50,068 3,060 1,336 48,344 13,643 8,699	73,757 4,746 -523 68,488 18,559 12,740	79,052 5,118 -564 73,369 20,417 13,365	82,439 5,413 -603 76,423 22,676 14,118	89,159 5,736 -681 82,742 24,689 14,648	93,862 6,098 -784 86,980 27,102 14,998	101,523 6,504 -900 94,119 28,760 15,428	107,728 6,876 -975 99,877 30,376 15,982	4 5 6 7 8 9
28,381 4,186 4,117 238 3,878	30,220 4,487 6,017 2,080 3,937	31,972 4,359 5,351 1,298 4,053	33,670 4,291 7,193 3,020 4,173	35,787 4,361 7,242 2,736 4,505	38,479 4,571 6,091 1,336 4,755	40,643 4,738 5,798 730 5,067	26,994 4,331 5,027 1,096 3,931	28,422 4,639 5,055 1,088 3,967	30,039 4,641 4,630 483 4,147	31,895 4,362 5,468 1,145 4,323	34,319 4,476 5,706 1,032 4,674	36,977 4,639 5,796 865 4,931	39,107 4,782 6,179 918 5,261	59,353 8,366 6,039 -286 6,325	62,810 8,839 7,403 799 6,603	66,962 8,655 6,822 234 6,588	71,931 8,713 8,516 1,446 7,070	77,118 8,858 7,887 274 7,613	83,751 9,222 8,550 471 8,079	89,369 9,593 8,765 57 8,708	10 11 12 13 14
542 36,141 29,772 403 401 2 78 (P) (P) (P) 68 2,081	2,371 38,352 31,720 313 311 2 78 (P) (P) (P) 72 2,362	1,589 40,093 33,206 293 292 1 83 (L) (D) (D) 71 2,472	3,313 41,842 34,684 303 303 (L) 83 (P) (P) 3 74 2,705	3,031 44,359 36,961 329 329 1 90 (L) (P) 80 2,830	1,694 47,448 39,675 359 358 1 98 (^L) 7 4 87 3,081	1,126 50,053 41,961 411 n.a. n.a. n.a. n.a. n.a. n.a. 3,227	1,301 35,051 27,944 259 258 1 418 (D) 13 369 (D) 1,912	1,329 36,787 29,368 232 231 1 412 (P) (P) 361 41 2,125	729 38,581 30,991 242 240 1 431 (L) 16 377 38 2,179	1,423 40,303 32,591 236 235 1 443 (L) 15 388 39 2,422	1,325 43,176 35,329 261 260 1 521 0 (P) 461 (D) 2,597	1,202 46,210 38,059 287 285 2 517 (L) 18 452 46 2,782	1,311 48,757 40,255 331 n.a. n.a. 470 n.a. n.a. n.a. 3,037	72 73,686 62,506 384 375 9 373 280 5 22 65 4,051	1,163 77,889 66,178 358 348 9 402 295 7 23 78 4,365	610 81,829 69,704 367 362 5 421 318 9 17 77 4,487	1,852 87,307 74,647 377 374 3 435 331 5 19 79 4,927	735 93,128 80,160 409 404 5 446 330 5 26 84 5,341	965 100,557 87,040 (P) (D) 328 (D) 101 5,958	603 107,124 93,237 (P) n.a. n.a. (P) n.a. n.a. n.a. n.a. 6,665	15 16 17 18 19 20 21 22 23 24 25 26
8,310 4,941 241 203 192 351 572 1,766 933 343 82 99 160 3,368 1,575	8,954 5,414 272 214 211 379 631 1,930 991 406 110 95 174 3,540 1,661	9,155 5,576 299 211 219 391 642 2,019 1,005 (P) (P) (P) 1,70 3,579 1,674	9,190 5,643 321 211 244 392 646 2,004 1,041 422 (P) (P) (P) 170 3,547 1,652	9,803 6,100 (P) 233 255 419 698 2,185 1,099 470 132 (P) 171 3,703 1,683	10,357 6,446 409 261 268 434 750 2,201 1,212 504 142 87 177 3,911 1,812	10,447 6,464 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	6,513 4,027 94 40 208 101 296 705 297 394 1,732 114 45 2,485	6,997 4,349 115 45 231 112 308 791 313 557 1,701 126 50 2,647 917	7,327 4,621 117 48 227 116 301 873 311 702 1,736 142 47 2,705 945	7,515 4,755 (P) (P) 230 126 343 855 317 426 2,093 148 48 2,760 979	8,165 5,270 (P) (P) 231 139 380 913 341 442 2,454 148 42 2,895 1,028	8,676 5,631 145 50 242 412 946 366 366 321 2,683 176 39 3,045 1,092	8,974 5,814 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	16,436 9,643 748 187 299 266 1,291 3,480 1,117 279 225 1,485 266 6,793 1,799	17,331 10,198 842 203 323 323 292 1,340 3,566 1,209 333 267 1,531 293 7,132 1,882	17,889 10,481 842 225 355 311 1,463 3,468 1,195 249 1,728 315 7,408 1,953	18,676 10,857 892 228 365 332 1,475 3,515 1,330 262 290 262 1,882 285 7,819 2,123	19,779 11,707 928 242 389 364 1,581 3,793 1,433 24 275 2,090 289 8,072 2,152	20,818 12,438 1,010 259 410 385 1,655 4,069 1,472 292 2,245 277 8,380 2,191	21,437 12,788 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.	27 28 29 30 31 32 33 34 35 36 37 38 39 40
(L) 15 108 193 640 335 8 473 21	0 18 113 205 658 364 8 488 26	0 18 113 212 659 343 7 526 27	0 15 101 222 635 352 9 534 27	0 14 99 230 684 376 10 581 24	0 14 107 237 700 395 13 608 25	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	(L) 90 155 616 310 129 328 4	0 8 97 167 657 307 131 359 4	0 8 85 155 679 318 120 391 4	0 1 83 162 693 310 119 408 5	0 1 84 177 735 341 115 407 5	0 68 195 757 381 116 425	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	(L) 47 76 1,856 1,738 528 147 533 68	0 47 82 1,877 1,862 557 154 597 74	0 46 99 1,902 1,968 570 138 661 70	0 50 99 1,995 2,055 592 140 695 72	0 52 112 1,966 2,183 648 141 742 76	0 45 111 1,983 2,381 684 137 769 78	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	42 43 44 45 46 47 48 49 50
2,283 202 854 14 235 455 523	2,454 204 952 14 254 491 539	2,535 209 1,018 15 265 496 533	2,588 216 1,047 19 279 512 515	2,790 237 1,149 19 292 580 515	3,059 246 1,255 28 312 656 561	3,215 n.a. n.a. n.a. n.a. n.a.	2,887 427 713 1 438 709 598	3,060 422 755 1 450 820 612	3,134 401 772 1 408 938 615	3,284 420 790 1 434 1,011 628	3,576 433 861 1 452 1,194 636	3,791 454 927 2 490 1,298 621	4,160 n.a. n.a. n.a. n.a. n.a.	4,838 346 1,035 36 1,684 844 893	5,058 341 1,131 40 1,719 899 928	5,301 332 1,223 37 1,874 946 889	5,565 338 1,241 44 1,991 1,028 923	6,078 327 1,374 44 2,269 1,112 952	6,538 (P) 1,482 49 (P) 1,176 993	6,765 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
2,535 3,595 2,589 825 1,763	2,658 3,825 2,760 879 1,881	2,838 3,977 2,935 877 2,058	2,976 4,106 3,118 939 2,179	3,239 4,269 3,406 1,029 2,377	3,440 4,536 3,801 1,138 2,663	3,674 4,745 4,161 n.a. n.a.	2,452 3,443 2,171 662 1,509	2,569 3,609 2,189 671 1,518	2,837 3,792 2,303 676 1,626	3,052 3,987 2,424 706 1,717	3,247 4,269 2,645 783 1,863	3,488 4,546 2,895 865 2,030	3,657 4,770 3,143 n.a. n.a.	5,416 6,734 6,019 1,594 4,425	5,901 7,156 6,236 1,596 4,640	6,341 7,519 6,624 1,645 4,978	6,989 7,815 7,288 1,804 5,484	7,347 8,258 7,881 1,897 5,984	7,875 9,066 8,992 2,279 6,713	8,410 9,818 9,750 n.a. n.a.	58 59 60 61 62
7,898 169 369 78 1,125 312 168 185 58 3,149 441 430 380 6 346 553 128	8,317 168 369 81 1,288 337 167 223 50 3,259 437 445 422 6 368 575 123	8,918 183 367 86 1,426 343 175 340 53 3,459 427 460 460 6 376 637 120	9,616 191 374 86 1,620 355 182 411 52 3,718 457 7 393 681 120	10,204 195 393 86 1,823 370 173 427 49 3,874 485 502 527 7 404 404 739 150	10,945 218 411 99 2,008 415 194 455 53 4,084 502 523 566 8 423 838 148	11,986 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	7,889 139 365 65 1,332 204 204 139 48 2,969 382 205 284 4 345 966 138	8,176 140 366 67 1,413 304 180 146 39 3,099 381 230 301 4 374 995 135	8,746 159 367 72 1,553 309 202 157 47 3,276 403 254 333 4 385 1,098 127	9,228 169 369 72 1,700 315 203 160 42 3,488 389 288 357 5 394 1,160 139	10,047 180 392 72 2,012 339 205 186 407 281 407 281 405 5 412 1,282 1,688	11,076 227 413 84 2,312 220 219 47 3,882 433 308 473 5 434 1,466 171	11,714 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	18,254 423 664 106 3,322 593 228 740 147 6,311 1,312 704 991 36 780 1,649 247	19,372 433 728 109 3,755 642 220 752 145 6,491 1,316 754 1,055 38 88 98 1,743	20,754 462 755 117 4,247 659 256 794 1165 6,874 1,293 802 1,111 41 894 1,990 295	22,575 479 765 118 5,031 162 264 835 162 7,434 1,388 830 1,158 44 945 2,135 283	24,622 486 818 119 5,935 764 261 865 1,893 1,460 877 1,232 47 988 2,371 345	26,874 516 865 137 6,791 853 274 947 172 8,409 1,532 950 1,349 52 1,042 2,626 359	29,464 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
6,369 964 173 5,232 1,807 3,425	6,632 1,004 175 5,453 1,893 3,560	6,887 1,016 174 5,697 1,984 3,713	7,158 1,054 186 5,918 2,063 3,855	7,397 1,062 190 6,145 2,113 4,032	7,773 1,082 197 6,494 2,235 4,259	8,092 1,145 200 6,748 n.a. n.a.	7,108 1,279 1,148 4,681 1,440 3,241	7,419 1,330 1,173 4,916 1,503 3,413	7,589 1,373 1,081 5,136 1,581 3,555	7,711 1,394 993 5,324 1,627 3,697	7,847 1,450 981 5,416 1,590 3,826	8,151 1,493 987 5,670 1,617 4,053	8,502 1,540 989 5,974 n.a. n.a.	11,180 1,734 272 9,174 2,595 6,580	11,711 1,809 280 9,622 2,696 6,927	12,125 1,818 273 10,034 2,913 7,121	12,660 1,910 290 10,461 3,138 7,323	12,968 1,947 289 10,732 3,092 7,640	13,518 1,982 292 11,244 3,159 8,085	13,888 2,097 295 11,496 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source [Millions

					Missouri							Nebraska			
Line	Item	1993 r	1994 °	1995 <i>r</i>	1996 r	1997 r	1998 r	1999 <i>p</i>	1993 "	1994 r	1995 r	1996	1997 <i>r</i>	1998 r	1999 <i>P</i>
1 2 3	Income by Place of Residence Personal income (lines 4-9) Population (thousands) 2 Per capita personal income (dollars) 3	106,298 5,238 20,295	112,314 5,281 21,267	117,640 5,325 22,094	123,992 5,368 23,099	131,762 5,407 24,368	136,754 5,438 25,150	143,199 5,468 26,187	32,513 1,612 20,167	34,325 1,622 21,168	36,293 1,635 22,196	39,618 1,648 24,045	41,019 1,656 24,769	43,053 1,661 25,924	45,710 1,666 27,437
4 5 6 7 8 9	Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Transfer payments	75,875 4,555 -2,781 68,539 21,593 16,166	80,497 4,915 -2,795 72,787 22,828 16,699	84,421 5,236 -2,893 76,292 23,471 17,877	89,105 5,445 -3,070 80,590 24,671 18,730	94,882 5,780 -3,261 85,841 26,184 19,737	99,230 6,023 -3,586 89,621 26,900 20,233	104,630 6,302 -3,753 94,575 27,678 20,946	23,644 1,472 -444 21,728 6,535 4,249	25,035 1,580 -457 22,998 6,917 4,411	26,163 1,646 -484 24,033 7,576 4,684	28,900 1,726 -518 26,657 7,988 4,973	29,701 1,835 -571 27,295 8,535 5,189	31,163 1,920 -597 28,647 8,912 5,495	33,287 2,029 644 30,614 9,332 5,765
10 11 12 13 14	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 7 Farm Nonfarm	58,951 9,734 7,190 154 7,037	62,611 10,311 7,576 354 7,222	66,708 9,996 7,718 –52 7,770	70,371 9,544 9,189 703 8,487	75,228 9,801 9,853 766 9,087	79,619 9,944 9,667 145 9,522	84,051 10,267 10,312 -80 10,392	17,278 2,611 3,756 1,468 2,288	18,375 2,754 3,905 1,414 2,491	19,607 2,723 3,832 1,021 2,812	20,868 2,775 5,257 2,244 3,013	22,316 2,812 4,573 1,323 3,250	23,724 2,871 4,568 1,151 3,417	25,309 2,982 4,996 1,265 3,731
15 16 17 18 19 20 21 22 23 24 25 26	Farm Nonfarm Private Agricultural services, forestry, fishing, and other s Agricultural services Forestry, fishing, and other s Forestry, fishing, and other s Mining Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels Construction	373 75,502 63,588 418 416 2 226 34 81 10 102 4,177	79,929 67,463 393 390 4 212 40 48 10 114 5,072	165 84,256 71,258 397 2 233 (P) (P) 116 5,291	926 88,179 74,414 408 408 (L) 226 54 41 116 5,566	995 93,887 79,448 451 450 1 229 56 (D) (D) 118 5,990	425 98,806 83,952 496 496 265 (2,59 128 6,365	234 104,396 88,648 560 n.a. n.a. 282 n.a. n.a. n.a. 7,134	1,681 21,963 17,430 264 264 1 61 1 (P) 16 (P)	1,662 23,373 18,717 262 261 1 64 1 9 17 36 1,400	1,270 24,893 20,057 238 237 1 65 (P) 36 1,437	2,521 26,379 21,342 210 209 1 60 (D) 18 35 1,647	1,611 28,091 22,927 229 228 1 65 (P) 22 36 1,683	1,482 29,681 24,383 253 252 1 70 (P) 22 40 1,861	1,647 31,640 26,220 288 n.a. n.a. 70 n.a. n.a. n.a. n.a.
78 29 31 32 33 4 55 65 7 38 99 4 4 42 4 4 4 5 6 4 7 48 9 5 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Prabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment electric equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Textile mill products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Rubber and miscellaneous plastics products Leather and leather products	15,638 9,074 305 370 343 470 1,249 1,144 980 1,965 1,614 443 192 6,564 1,771 (P) 406 476 1,515 1,515 1,515 1,515 224	16,356 9,507 350 407 368 484 1,257 1,062 1,082 1	16,910 9,806 3453 402 491 1,307 1,350 1,056 2,109 1,673 417 223 7,104 1,938 (L) 14 415 511 1,614 1,805 77 77 571 158	16,737 9,574 352 419 509 1,323 1,388 1,138 1,779 1,592 419 227 7,164 1,873 388 522 1,645 1	17,752 10,135 372 451 427 509 1,404 1,457 1,195 1,883 240 7,618 2,016 1 15 391 1,677 2,132 86 640	18,045 10,423 403 464 548 1,426 1,593 1,248 1,730 411 11 246 7,622 2,080 (D) (D) 3655 540 1,715 2,006 91 683 1,248 1,715 2,006 1,006	17,830 10,093 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	3,203 1,601 48 99 77 81 224 410 304 113 75 146 89 (戶) (戶) 66 288 118 15 192	3,550 1,777 600 103 866 866 245 454 454 157 24 1,773 1,015 5 37 69 285 126 5 126	3,690 1,844 (P) 99 99 91 259 471 368 118 (P) 1,71 71 1,846 1,063 7 7 33 37 71 28 138 4 4 227 213	3,853 1,913 (P) 93 105 273 486 370 121 173 34 1,940 1,159 0 7 33 130 130 5 225	4,091 2,068 69 114 99 101 290 539 404 139 96 180 37 2,023 1,219 10 10 30 78 295 134 3 3 232 12 19 10 11 10 10 10 10 10 10 10 10 10 10 10	4,260 2,154 755 108 999 305 544 4425 105 1833 2,106 1,258 81 317 (P) 111 317 (P) 2,45 (P) 2,45 (P) 2,45 (P) 2,45 (P) 2,45 (P) 2,45 (P) 2,45 (P) 2,45 (P) 2,45 (P) 3 (P) 3 (P) 3 (P) 3 (P) 3 (P)	4,330 2,126
51 52 53 54 55 56 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	6,475 439 1,763 69 1,258 1,872 1,074	6,753 438 1,862 84 1,320 1,950 1,100	6,931 437 1,903 64 1,352 2,059 1,117	7,318 463 1,907 67 1,462 2,229 1,190	7,827 478 2,060 71 1,509 2,488 1,223	8,210 (^D) 2,244 73 (^D) 2,543 1,251	8,641 n.a. n.a. n.a. n.a. n.a. n.a.	2,094 565 684 1 209 399 237	2,213 573 744 1 234 400 260	2,486 616 780 1 237 410 441	2,701 647 801 1 242 415 593	3,102 692 923 1 251 591 644	3,119 (^D) 1,020 (^D) 271 428 672	3,318 n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	5,102 7,153 5,329 1,667 3,662	5,366 7,637 5,561 1,740 3,821	5,719 8,145 5,948 1,782 4,166	6.485	6,265 8,902 7,056 2,168 4,888	6,646 9,328 7,800 2,383 5,416	8,738 n.a.	1,616 2,081 1,699 483 1,215	1,609 2,234 1,760 505 1,255	1,698 2,363 1,887 567 1,321	1,773 2,460 1,963 557 1,406	1,888 2,557 2,066 576 1,489	2,013 2,675 2,272 637 1,635	2,144 2,845 2,583 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	19,071 500 774 144 2,800 265 613 250 7,076 1,319 1,154 593 890 1,702 264	20,113 530 791 149 2,982 800 269 670 173 7,350 1,335 1,247 665 24 953 1,826 349	966 1,973	23,193 582 822 160 4,144 839 292 1,050 147 8,175 1,472 1,362 744 29 2,086 299	24,976 612 854 161 4,728 917 290 1,190 142 8,546 1,557 1,422 804 29 1,030 2,332 362	26,797 693 905 186 5,246 1,014 307 1,237 1,691 1,552 8,937 1,691 1,552 876 32 1,079 2,511 368	28,545 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	5,244 90 220 45 1,107 192 86 138 211 1,836 291 228 194 469 109	5,625 84 230 46 1,260 220 95 144 20 1,944 301 242 194 8 229 506 101	6,193 88 223 49 1,410 218 94 157 22 2,016 303 254 209 9 236 578 327	6,676 92 225 55 1,650 227 94 159 22 2,175 324 283 230 10 246 603 288	7,246 124 238 50 1,877 241 95 157 22 2,283 343 295 249 1 251 659 351	7,860 133 248 58 2,049 97 165 24 2,481 359 307 281 13 265 754 358	8,596 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local	11,914 3,201 815 7,898 2,368 5,530	12,466 3,300 785 8,381 2,520 5,860	12,999 3,274 815 8,909 2,663 6,246	13,765 3,364 927 9,474 2,848 6,626	14,439 3,502 938 9,999 2,985 7,014	14,853 3,375 887 10,591 3,166 7,425		4,533 768 549 3,216 958 2,259	4,656 772 511 3,374 1,014 2,359	4,836 756 533 3,548 1,065 2,483	5,037 814 573 3,650 1,098 2,552	5,164 844 569 3,750 1,114 2,636	5,299 876 560 3,863 1,132 2,732	5,420 933 542 3,945 n.a. n.a.

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

		- N	lorth Dakot	a						South Dako	ta						Southeast				
1993 "	1994 "	1995 r	1996′	1997 ′	1998 ′	1999 <i>p</i>	1993 r	1994 "	1995 ′	1996	1997 ′	1998 <i>°</i>	1999 <i>P</i>	1993 °	1994	1995 ′	1996	1997 °	1998 "	1999 <i>P</i>	Line
11,362 637 17,830	12,177 640 19,033	12,243 642 19,084	13,607 643 21,166	13,380 641 20,876	14,600 638 22,892	14,903 634 23,518	13,297 716 18,565	14,177 723 19,607	14,454 728 19,848	15,883 731 21,736	16,379 731 22,410	17,331 731 23,715	18,406 733 25,107	1,218,508 61,886 19,690	1,289,941 62,730 20,563	1,366,116 63,539 21,500	1,445,912 64,329 22,477	1,533,940 65,150 23,545	1,621,530 65,901 24,605	1,712,690 66,622 25,708	1 2 3
7,913 539 -241 7,133 2,300 1,928	8,638 574 -255 7,809 2,401 1,967	8,497 588 -274 7,635 2,563 2,045	9,640 613 -301 8,726 2,727 2,154	9,143 642 -324 8,177 2,948 2,255	10,196 667 -323 9,207 3,101 2,293	10,298 697 -337 9,264 3,280 2,358	9,279 564 -96 8,619 2,755 1,924	9,972 612 -120 9,240 2,921 2,016	9,902 638 -143 9,121 3,162 2,171	10,993 661 -171 10,160 3,430 2,292	11,136 696 -175 10,266 3,745 2,368	11,910 731 -201 10,978 3,923 2,430	12,755 782 -222 11,751 4,135 2,520	844,983 50,584 7,393 801,792 230,336 186,380	893,298 54,626 7,469 846,141 246,622 197,178	940,896 58,170 7,715 890,441 264,061 211,614	992,020 60,767 7,494 938,747 283,021 224,144	1,056,680 64,662 8,202 1,000,220 299,131 234,589	1,128,310 68,486 8,282 1,068,106 312,943 240,481	1,200,861 72,414 8,728 1,137,175 325,529 249,986	4 5 6 7 8 9
5,821 888 1,203 316 888	6,148 929 1,561 613 948	6,534 925 1,038 127 910	6,925 968 1,747 790 957	7,306 982 855 –159 1,014	7,709 998 1,489 429 1,059	8,122 1,026 1,150 8 1,142	6,223 1,030 2,025 765 1,261	6,663 1,095 2,214 891 1,323	7,103 1,084 1,715 431 1,284	7,478 1,094 2,421 1,105 1,315	7,918 1,104 2,114 699 1,415	8,463 1,136 2,311 821 1,490	9,150 1,196 2,410 824 1,586	652,208 105,172 87,603 9,511 78,091	691,226 111,889 90,183 10,728 79,455	734,651 110,503 95,743 9,220 86,523	777,754 111,697 102,568 10,565 92,004	832,702 114,681 109,297 10,263 99,034	896,249 118,304 113,757 8,967 104,790	956,383 122,767 121,712 8,537 113,175	10 11 12 13 14
400 7,513 5,626 73 72 1 176 (L) 93 16 448	712 7,926 6,021 65 64 1 169 (L) 65 85 19 499	227 8,270 6,280 64 64 1 173 (^L) 73 81 20 528	902 8,738 6,684 60 1 182 (<u>(.)</u> 69 94 20 611	-42 9,185 7,094 64 63 1 197 (户) 68 104 (上) 630	564 9,633 7,511 70 (P) 194 (L) 70 95 29 680	164 10,133 7,938 80 n.a. n.a. 173 n.a. n.a. n.a. 771	845 8,434 6,566 123 122 1 102 70 (D) 24 509	983 8,989 7,083 121 120 1 103 68 (P) 27 577	523 9,379 7,443 131 130 1 108 73 (L) 6 29 562	1,207 9,786 7,860 113 111 1 104 69 (^L) 6 29	804 10,332 8,380 124 123 2 102 62 (L) 8 32 659	941 10,968 8,946 134 (D) (D) 83 44 (D) 31 709	963 11,793 9,697 149 n.a. 59 n.a. n.a. n.a. 761	12,248 832,735 661,244 5,771 5,213 558 7,982 83 3,504 3,095 1,301 47,541	13,347 879,951 701,632 5,713 5,137 577 8,314 87 3,655 3,194 1,378 51,595	11,913 928,983 745,884 5,967 5,465 502 8,351 99 3,587 3,211 1,455 54,838	13,276 978,743 788,632 6,245 5,851 394 8,540 97 3,411 3,507 1,525 59,716	13,145 1,043,535 846,154 6,892 6,406 487 9,228 93 3,380 4,157 1,599 64,290	12,074 1,116,236 910,337 7,619 7,067 552 9,577 110 3,317 (P) 69,761	11,900 1,188,961 974,278 8,473 n.a. n.a. 8,736 n.a. n.a. n.a. n.a. 74,361	15 16 17 18 19 20 21 22 23 24 25 26
546 388 1120 120 123 123 123 123 124 123 124 125 145 155 164 145	618 362 144 20 21-) 34 154 47 39 2 256 130 (-) 3 16) 60 11 18 16)	650 390 0 33 4 4 4 20 1 28 4 4 0 5 5 6 4 2 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	887130%038945001186740040811581	755 488 36 25 0 40 31 1 28 2 0 1 1 28 2 0 1 1 28 2 0 1 1 28 2 1 1 28 2 1 1 28 2 1 1 28 2 1 1 1 1	818 512 418 80 444 2239 578 017 30 57 50 50 50 50 50 50 50 50 50 50 50 50 50	848 537 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	1,044 686 72 8 272 44 245 85 49 6 73 358 208 (1,1)(0,0)(66 6 (1) 39	1,200 795 795 10 323 50 92 57 76 84 404 20 75 5 0 40 40 40 40 40 40 40 40 40 40 40 40 40	1,308 890 844 955 3844 955 3844 955 47 69 418 247 (P) 756 0 0	1,419 1,000 88 88 (P) 460 450 101 47 73 60 420 240 (L) (P) 76 5 5 0 0 45 24 0 10 10 10 10 10 10 10 10 10 10 10 10 1	1,543 1,091 9,0 40,0 68 501 111 53 68 762 452 258 27 79 70 49	1,695 1,246 105 222 499 755 6112 599 757 788 248 249 822 99 51	1,764 1,263	151,810 76,103 7,514 5,129 4,543 8,266 12,494 6,813 7,427 3,551 1,665 7,427 75,707 11,421 2,296 13,464 7,101 8,486 9,018 14,797 7,576 7,988	160,124 81,737 8,250 5,441 4,861 6,262 8,784 13,662 13,353 8,077 7,510 3,710 1,807 7,510 3,710 1,807 7,510 3,710 1,807 7,510 1,807 7,510 1,807 1,924 2,193 13,789 7,206 8,707 9,685 15,235 15,2	164,699 85,301 8,740 5,399 5,122 6,318 9,113 14,306 13,804 9,200 7,899 1,891 1,991 2,397 13,611 6,855 8,869 10,047 15,905 1,453 7,871	165,969 86,437 9,119 5,396 6,618 9,340 14,653 13,946 4,132 1,973 79,532 12,369 2,332 13,287 6,194 9,074 10,366 16,021 1,416 8,062 359	173,546 91,529 9,647 5,695 5,622 6,867 9,834 11,574 14,738 9,079 4,354 2,049 98,2017 12,898 2,415 13,746 5,957 9,505 10,820 16,434 1,493 8,416 331	180,667 96,979 10,315 6,065 5,933 7,124 10,439 15,064 (P) (P) 4,742 2,138 83,688 13,671 2,370 13,603 5,646 9,619 11,351 15,377 8,766	184,696 99,848 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 31 32 33 34 35 36 37 38 39 40 41 44 44 45 47 48 49 50
734 115 187 (^L) 76 111 245	773 109 209 (^L) 86 117 253	781 109 216 (^L) 89 121 246	789 114 215 (^L) 94 124 241	816 114 228 (^L) 100 127 247	854 119 235 1 104 137 258	848 n.a. n.a. n.a. n.a. n.a.	620 38 253 (^L) 79 126 124	649 38 274 (^L) 86 121 130	661 39 278 (^L) 89 132 122	690 42 271 1 91 164 121	732 43 286 1 92 184 127	761 45 295 (P) (P) 194 129	807 n.a. n.a. n.a. n.a. n.a.	59,387 2,928 13,941 2,141 13,236 15,665 11,476	63,210 2,959 15,199 2,273 14,355 16,620 11,803	65,863 2,909 15,780 2,293 15,421 17,636 11,824	69,328 2,992 16,247 2,442 16,554 19,067 12,026	73,821 2,990 17,676 2,710 17,789 20,479 12,177	79,042 3,135 19,094 2,980 19,409 21,938 12,486	83,575 n.a. n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
629 789 405 171 234	675 836 428 179 249	692 861 452 184 268	734 897 482 193 289	769 940 519 208 310	809 969 570 232 337	847 996 632 n.a. n.a.	545 986 537 266 271	581 1,037 558 278 280	618 1,058 609 301 309	651 1,085 669 329 340	679 1,140 741 373 368	717 1,185 828 428 400	782 1,265 979 n.a. n.a.	49,221 81,765 52,649 17,109 35,540	52,400 87,048 54,192 17,874 36,318	56,046 92,321 59,242 18,543 40,698	59,513 97,502 65,006 20,138 44,869	63,880 103,332 72,900 22,728 50,172	69,151 109,593 81,618 25,799 55,819	75,201 116,813 88,892 n.a. n.a.	58 59 60 61 62
1,826 52 90 16 172 67 29 28 8 904 73 48 2 2 96 2 99 110	1,957 55 94 16 8 202 77 32 51 1 9 9 938 76 6 51 105 2 2 104 113 33	2,080 61 90 18 217 76 34 52 9 1,019 76 52 114 2 103 126 32	2,242 68 90 18 251 81 34 1,105 81 118 2 2 105 135 35	2,405 72 95 17 309 87 37 66 8 1,154 81 1,26 2 2 112 142 43	2,547 75 98 20 348 93 43 70 9 1,191 85 58 138 (P)	2,742 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	2,101 97 89 16 191 76 37 91 12 924 96 86 105 2 2 126 118 36	2,256 90 93 17 231 87 41 96 11,000 96 93 115 2 133 114 36	2,388 102 88 18 231 111 1,058 104 97 126 2 132 125 56	2,518 108 86 86 87 256 87 110 12 1,146 99 103 140 2 2 140 127 39	2,659 105 90 18 302 94 455 107 11 1,196 109 151 4 148 128 48	2,834 113 92 21 340 103 48 112 1,252 110 118 163 4 160 138 48	3,131 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	205,120 6,994 7,813 2,45436 6,361 3,306 6,682 1,371 71,630 14,292 2,597 5,910 2,597 25,122 2,223	219,036 7,314 7,976 2,553 3,995 6,938 3,288 7,584 1,413 76,081 14,581 7,226 6,492 2,379 26,378 2,588	238,557 8,106 8,299 2,746 44,659 7,255 3,679 8,729 1,590 81,352 15,139 7,749 7,051 26,673 29,340 2,934	256,812 8,741 8,497 2,760 49,765 7,670 3,803 9,377 1,712 87,312 16,148 8,160 7,521 2,72 31,507 3,259	278.266 9.241 9.077 2.808 551.146 8.164 3.850 9.965 1,765 91,502 17,339 8,717 8,158 2,0657 34,650 3,928	303.310 10,117 9.576 3.268 68,121 8.955 4.228 10,969 1,938 94,633 18,952 9,434 8,962 3,11,146 38,748 4,016	333,531 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
1,886 407 442 1,038 464 574	1,905 417 421 1,068 472 596	1,990 418 472 1,099 483 616	2,054 419 500 1,134 492 642	2,091 434 474 1,184 509 675	2,122 441 445 1,235 527 708	2,196 468 424 1,304 n.a. n.a.	1,867 502 286 1,080 405 675	1,906 517 248 1,141 428 712	1,936 524 238 1,174 437 737	1,925 530 221 1,174 420 754	1,952 543 206 1,203 420 783	2,023 554 211 1,258 443 814	2,096 585 219 1,292 n.a. n.a.	171,491 38,525 27,547 105,418 34,784 70,634	178,319 39,621 27,203 111,494 36,671 74,823	183,099 39,667 26,408 117,023 38,408 78,615	190,111 40,868 27,778 121,465 39,605 81,860	197,381 41,600 28,056 127,725 41,331 86,395	205,899 42,535 27,909 135,455 43,730 91,726	214,683 44,303 28,111 142,269 n.a. n.a.	80 81 82 83 84 85

 $\begin{tabular}{ll} \textbf{Table 5.--Personal Income by Major Source} \\ & \{\textit{Millions} \end{tabular}$

					Alabama							Arkansas			
Line	item	1993 "	1994 "	1995 "	1996	1997 -	1998 -	1999 <i>P</i>	1993 -	1994 -	1995 r	1996 r	1997	1998 -	1999*
	Income by Place of Residence														
1 2 3	Personal income (lines 4-9) Population (thousands) 2 Per capita personal income (dollars) 3	75,439 4,193 17,991	79,832 4,233 18,860	83,903 4,263 19,683	87,221 4,290 20,329	91,848 4,320 21,260	95,956 4,351 22,054	100,269 4,370 22,946	41,190 2,424 16,995	43,498 2,451 17,750	45,995 2,480 18,546	48,700 2,505 19,442	51,344 2,524 20,342	53,725 2,538 21,167	56,421 2,551 22,114
1	Derivation of Personal Income 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 Plus: Adjustment for residence 5	3,287 600	3,534 647	3,755 680	3,870 674	4,063 725 60,470	4,217 828	4,394 912	1,806 -270	1,964 -292	2,064 -270	2,137 –263	2,251 -264	2,355 -264	2,473 -285
7 8	Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6	50,693 12,370	53,279 13,511	55,242 14,575	57,381 14,935	60,470 15,704	63,541 16,453	66,653 17,102	26,506 7,101	28,079 7,530	29,583 7,934	31,179	32,752 9,208	34,448 9,670	36,371 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	8,586 8,935	9,384	9,607	9,934
10	Components of earnings: 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 12	Other labor income Proprietors' income 7	6,662 5,520	6,985 5,750	6,816 5,578	6,817 5,888	6,987 6,303	7,136 6,664	7,291 7,021	3,384 4,160	3,578 4,327	3,484 4,553	3,490 4,999	3,547 5,107	3,649 5,084	3,771 5,318
13 14	Farm Nonfarm	875 4,646	938 4,812	648 4,930	727 5,161	805 5,498	913 5,751	883 6,137	961 3,199	1,111 3,217	1,225 3,328	1,597 3,402	1,465 3,642	1,258 3,826	1,257 4,061
15	_ Earnings by Industry	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 17	Farm Nonfarm	52,382 40,953	55,109 43,140	57,544 45,186	59,731 47,224	62,874 49,999	65,885 52,476	69,112 55,206	27,370 22,394	29 002	30,498 25,112	31,764 26,124	33,566 27,681	35,551 29,429	37,589 31,231
18 19	Agricultural services, forestry, fishing, and other ⁸ Agricultural services	335 283 52	331 272	323	314	344 309	381 336	426 n.a.	239	23,831 229 209	224 210	219 211	245 228	268 245	300 n.a.
20 21	Forestry, fishing, and other ⁸	52 545	59 570	282 42 607	294 19 622	35 639	46 643	n.a. 610	16 157	201	14	167	17 188	22 193	n.a. 189
22 23	Metal mining	3 357	3 372	(P) 406	622 (^D) 418	(D) 399	4 376	n.a. n.a.	4 (^D)	163 6 10	(D) (D)	(D) (D) (D) 47	(D) (D) (D) 50	(D) (D)	n.a. n.a.
20 21 22 23 24 25 26	Oil and gas extraction	(D)	90 105	(P) 103	(P) 114	(P) 123	131 132	n.a. n.a.	108 (P)	107 40	8 6 6 6 6 4 6	(D) 47	(P) 50	124 52	n.a. n.a.
	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 28 29 30 31 32 33 34 35 36 37	Manufacturing Durable goods Lumber and wood products	11,911 6,316 912	12,495 6,783 1,009	12,829 7,068 1,078	12,887 7,169	13,376 7,504 1,194	13,754 7,796 1,254	13,873 7,909	6,680 3,600 618	7,209 3,949	7,401 4,088 663	7,469 4,164	7,740 4,303 688	8,114 4,556 729 299	8,400 4,682 n.a.
30	Furniture and fixtures Stone, clay, and glass products	271 266	302 300	296 334	1,141 289 359	297 375	317 389	n.a. n.a. n.a.	234 144	254	246 158	659 243 174	264 176	299 189	n.a. n.a.
32 33	Primary metal industries Fabricated metal products	1,075 696	1,127	1,165 773	1,172 782	1,235 811	1,258 834	n.a. n.a.	370 571	662 254 155 402 628 565 632 239 167	410 709	455 733	457	455 801	n.a. n.a.
34 35	Industrial machinery and equipment Electronic and other electric equipment	967 759	751 1,036 814	1,086 847	1,112 866	1,173 875	1,241 878	n.a. n.a.	537	565 632	585 628 276	564 615	733 582 624	610 646	n.a. n.a.
36 37	Motor vehicles and equipment Other transportation equipment	466 665	542 649	597 628	580 603	1,173 875 642 622 121	719 625 125	n.a. n.a.	536 201 151	239 167	276 168	278 192	305 226	317 248	n.a. n.a.
38 39 40	Instruments and related products	109 130	110 143	113 148	116 151	158	157	n.a. n.a.	153 85	151 94	153 91	455 733 564 615 278 192 158 95 3,305 1,317	159 92	165 98	n.a. n.a.
41	Nondurable goods	5,595 804	5,712 839	5,761 858	5,717 861	5,873 892	5,958 943	5,964 n.a.	3,080 1,209	3,260 1,291	3,312 1,323		3,436 1,406	3,558 1,462	3,718 n.a.
42 43 44 45	Tobacco products	10 1,076	993 993	15 1,007	(^D) 996	191	(^D) 1,044	n.a. n.a.	(L) 71	(L) 79	(L) 83	(L) 98	(L)	(L) 114	n.a. n.a.
44 45	Apparel and other textile products Paper and allied products	832 1,087	944 1,090	906 1,089	798 1,121	1,043 753 1,165	714 1,164	n.a. n.a.	186 593 281 232	182 603	177 607	147 616	139 636	135 648 332 297	n.a. n.a.
46 47 48	Printing and publishing Chemicals and allied products	411 629 82	442 657 82	463 684	487 703	513 736 69	538 773 67	n.a. n.a.	281 232 42	248	310 266	308 278	319 287 42	297	n.a. n.a.
49 50	Petroleum and coal products Rubber and miscellaneous plastics products Leather and leather products	661	652 1	79 657	77 655 (P)	680	692 (P)	n.a. n.a. n.a.	389 78	(L) 79 182 603 301 248 42 435 79	41 433 73	42 438 61	452 58	42 475 54	n.a. n.a. n.a.
	Transportation and public utilities	3,546		3,863 201	3,973	4,088		4,398	2,303 214	2.446	2,657 216	2,767 227	2,913	3,087	3,179
51 52 53 54 55 56 57	Railroad transportation Trucking and warehousing	209 1,009	3,738 223 1,113	201 1,158	215 1,189	216	4,235 226 1,338	n.a. n.a.	924	216 1,021	1,110	1,122	238 1,221	249 1,322	n.a. n.a.
54 55	Water transportation	(^D) (^D) 958	(8)	1,158 (P) (P)	(P)	1,270 92 405	437 437	n.a. n.a.	12 188	14 227 440	15 255 537	16 284	19 294	1,322 23 325 653	n.a. n.a.
56 57	Communications	958 997	1,031 966	1,046 1,013	1,049 1,039	1,060 1,043	1,070 1,081	n.a. i n.a.	442 523	528	537 524	609 510	647 495	515 515	n.a. n.a.
58 59	Wholesale trade Retail trade	2,831 4,834	3,009 5,102	3,255 5,362	3,426 5,673	3,620 6,020	3,832 6,265	4,148 6,660	1,435 2,976	1,516 3,196	1,631 3,363	1,652 3,488	1,741 3,744	1,878 4,034	1,988 4,402
60 61	Finance, insurance, and real estate Depository and nondepository institutions	2,662 978	2,800 1,001	2,918 1,018	3,149 1,111	3,493 1,205 2,288	3,769 1,343	4,154 n.a.	1,335 444	1,371 463	1,432 475	1,516 496	1,667 552	1,812 616	1,946 n.a.
62	Other finance, insurance, and real estate	1,684	1,799	1,900	2,038		2,426	n.a.	891	908	958	1,020	1,115	1,196	n.a.
63 64	Services	11,408 193 464	11,955 195 475	12,719 208	13,512 217	14,524 223 523 167	15,479 239	16,512 n.a.	5,745 133	6,056 135 279	6,468 143	6,941 147	7,459 152	7,953	8,567 n.a.
64 65 66 67	Personal services Private households	150	155	483 166	498 167	167	542 193	n.a. n.a.	133 285 64	66	277 71	282 72 1,058	298 72	313 83	n.a. n.a.
68 69	Business services Auto repair, services, and parking Miscellaneous repair services	1,564 379 229	1,721 422 226 203	1,845 443 243	2,054 462 252	2,384 485 266	2,745 535 293	n.a. n.a.	825 235 111	912 255 115	1,000 267 128	2/4	1,230 283 130	1,376 311 138	n.a. n.a.
70 71	Amusement and recreation services Motion pictures	205 69	203 61	214 68	201 63	212 64	236 65	n.a. n.a. n.a.	105 49	105 45	116 42	132 122 50	127 49	137 56	n.a. n.a. n.a.
72 73	Health services Legal services	4,283 871	4,563 938	4,868 969	5,278 1,075	5,600 1,124	5,730 1,183	n.a. n.a.	2,570 302	2,708 305	2,853 303	3,096 321	3,279 339	3,413 355	n.a. n.a.
74 75	Educational services Social services	285 282	310 310	326 335	338 367	353 405	379 426	n.a. n.a.	130 243	136	145 290	156	164 320	175 348 3	n.a. n.a.
72 73 74 75 76 77	Museums, botanical, zoological gardens Membership organizations	554	603	615	5 651	678	7 700	n.a. n.a.	1 257	269 2 275 345	2 280	303 2 294	302	3 315	n.a. n.a.
78 79	Engineering and management services	1,747 128	1,635 134	1,752 179	1,769 115	1,893 142	2,062 143	n.a. n.a.	350 85	345 102	382 169	421 210	456 257	510 261	n.a. n.a.
80 81	Government and government enterprises	11,428 3,137	11,969 3,242	12,359 3,314	12,506 3,193	12,876 3,231	13,408 3,336	13,906 3,347	4,977 1,024	5,171 1,053	5,386 1,074	5,640 1,105	5,885 1,131	6,123 1,168	6,358 1,192
82 83 84	Military State and local	1,307 6,984	1,254 7,472	1,223 7,822	1,269 8,044	1,246 8,398	1,229 8,843	1,167 9,392	386 3,567	363 3,755	379 3,933	415 4,120	424 4,330	435 4,520	431 4,735
84 85	State Local	2,669 4,316	2,851 4,621	2,944 4,878	2,947 5,096	3,050 5,348	3,149 5,694	n.a. n.a.	1,502 2,064	1,587 2,167	1,661 2,272	1,752 2,367	1,828 2,503	1,895 2,624	n.a. n.a.
							<u> </u>							لــــــــــــــــــــــــــــــــــــــ	

and Earnings by Industry $^{\rm I}$, 1993–99–Continued of dollars]

or dollars																					—
1993 r	1994 -	1995 *	Florida 1996 r	1997 "	19987	1999 <i>p</i>	1993 *	1994	1995 r	Georgia 1996 r	1997	1998 °	1999 <i>p</i>	1993 °	1994 °	1995	Kentucky 1996	1997 "	1998 "	1999 <i>p</i>	Line
296,927 13,714	311,909 13,962	333,525 14,185	355,136 14,427	376,559 14,683	400,209 14,908	423,460 15,111	138,771 6,894	149,165 7,046	159,800 7,189	172,935 7,332 23,586	184,113 7,486	197,319 7,637 25,839	211,823 7,788	67,559 3,792	70,781 3,823	74,080 3,855	78,221 3,881	83,181 3,908	87,274 3.934	91,735 3.961	1 2 3
21,652 182,048 11,346 723 171,425 77,661 47,841	190,871 12,200 754 179,426 81,453 51,030	23,512 202,726 13,021 782 190,487 88,225 54,813	24,616 215,167 13,646 807 202,328 94,832 57,976	25,645 229,760 14,520 848 216,088 99,522 60,948	26,845 248,372 15,506 897 233,763 103,922 62,523	28,023 265,637 16,425 955 250,167 108,229 65,064	20,129 105,345 6,058 -155 99,132 22,002 17,637	21,170 112,808 6,585 -195 106,028 24,272 18,866	22,230 120,919 7,118 -240 113,561 26,066 20,174	130,414 7,594 -293 122,527 28,749 21,660	24,594 139,936 8,149 -333 131,454 30,528 22,131	25,839 151,756 8,770 -432 142,555 32,030 22,734	27,198 164,407 9,438 -519 154,449 33,613 23,762	17,815 47,690 2,822 -352 44,516 11,286 11,757	50,078 3,045 -440 46,593 11,947 12,242	19,215 51,781 3,222 -491 48,068 12,870 13,141	20,155 54,446 3,352 -596 50,499 13,816 13,906	21,286 57,973 3,557 -671 53,745 14,662 14,774	22,183 61,248 3,723 -651 56,875 15,335 15,064	64,824 3,934 -721 60,169 15,576	4 5 6 7 8 9
141,875 21,853 18,320 1,779 16,541	149,517 23,473 17,880 1,413 16,467	159,122 23,423 20,181 1,399 18,781	169,572 24,521 21,073 1,144 19,929	181,755 25,244 22,761 1,274 21,487	197,864 26,142 24,366 1,565 22,801	211,752 27,095 26,790 2,129 24,661	81,593 12,939 10,813 1,204 9,609	87,240 13,800 11,767 1,668 10,099	94,397 13,796 12,726 1,457 11,268	101,962 14,053 14,398 1,565 12,833	109,984 14,524 15,428 1,540 13,888	120,211 15,165 16,381 1,501 14,880	130,540 15,962 17,905 1,363 16,542	36,205 6,287 5,197 858 4,339	38,309 6,582 5,187 892 4,296	40,508 6,443 4,831 471 4,360	42,679 6,392 5,375 829 4,546	45,566 6,612 5,795 888 4,907	48,435 6,779 6,034 865 5,170	51,646 7,082 6,097 615 5,482	10 11 12 13 14
2,606 179,442 145,073 1,980 1,857 123 333 (D) 69 243 10,428	2,225 188,645 153,110 1,975 1,842 133 333 8 16 67 241 11,027	2,256 200,470 163,698 2,002 1,896 106 354 7 24 56 266 11,761	1,979 213,189 174,680 2,134 2,040 94 393 8 18 90 277 12,812	2,169 227,591 187,295 2,304 2,194 109 357 11 18 69 259 13,508	2,493 245,880 203,745 2,507 2,393 115 386 (P) (P) 71 285 14,766	3,109 262,529 219,282 2,722 n.a. n.a. 347 n.a. n.a. n.a. 15,626	1,427 103,918 84,263 546 487 58 310 (L) 3 7 301 5,266	1,890 110,918 90,319 573 503 71 329 (L) 2 6 321 5,902	1,697 119,221 97,850 647 581 66 352 (L) 11 4 337 6,521	1,802 128,611 106,302 636 56 354 (L) 9 5 341 7,265	1,803 138,133 114,775 773 708 66 374 (L) 9 6 359 7,685	1,774 149,982 125,403 868 792 76 402 (P) (D) 6 385 8,582	1,659 162,748 137,228 976 n.a. n.a. 417 n.a. n.a. 9,739	1,038 46,652 37,263 338 334 3 1,427 (P) 1,268 (P) 84 2,684	1,063 49,016 39,324 319 314 5 1,436 (-) 1,267 75 94 2,875	652 51,129 41,097 341 337 4 1,323 (L) 1,154 67 101 2,878	1,006 53,440 43,015 343 341 2 1,281 (L) 1,108 68 105 3,077	1,066 56,907 46,149 380 377 3 1,317 (^L) 1,120 84 113 3,379	1,066 60,182 49,131 415 41,348 (L) 1,146 86 116 3,595	833 63,991 52,102 471 n.a. n.a. 1,238 n.a. n.a. n.a. 3,833	15 16 17 18 19 20 21 22 23 24 25 26
17,372 10,783 557 330 666 188 947 1,631 2,596 233 2,079 1,297 253 6,588 1,467 32 103 503 2,032 1,063 80 80 568 80 46	17,934 11,128 607 7244 206 997 1,713 2,697 239 1,989 1,339 278 6,806 1,484 2103 590 620 2,138 1,138 1,99 640 47	18,049 11,2000 641 333 7600 219 1,010 1,583 272 2,012 1,351 2,733 272 1,351 6,849 1,4300 1111 544 627 2,180 67 626 623 53	18,637 11,687 7011 354 833 1,058 1,563 2,780 268 2,780 268 1,512 2,061 1,512 3,512 1,465 6,950 1,465 6,950 1,465 6,950 1,465 6,950 1,465 6,950 1,465 6,950 1,465 6,950 1,465 6,950 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	19,432 722 375 864 256 1,103 1,529 2,988 2184 1,607 7,189 1,495 68 126 521 1,61 657 2,325 67 66 66	20,490 12,937 776 928 279 1,165 1,620 3,090 298 2,287 1,768 3,090 1,553 1,554 1,553 1,554 2,287 1,295 644 2,477 1,295 98 692 57	20,603 12,933 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.	17,882 7,598 1,005 243 599 616 660 981 1,146 670 1,126 375 10,285 2,048 2,821 1,430 1,336 910 38 565 565 527	19,306 8,457 1,119 264 638 631 734 1,138 1,270 834 1,195 424 2,112 10,849 2,112 10,849 2,142 2,142 3,003 918 1,470 1,484 978 35 64 64 2,27	20,364 9,189 1,416 277 707 626 776 1,212 1,333 965 1,232 427 2,112 2,112 3,059 8,1518 1,624 1,62	21,009 9,539 1,592 313 744 671 799 1,296 1,378 776 2,318 231 11,470 2,318 3,090 1,545 1,644 1,641 1,641 1,377 792 20	22,169 10,210 1,653 325 809 705 847 1,415 1,458 919 1,394 442 243 11,959 2,420 4,1629 1,767 1,7128 339 854	23,645 11,094 1,808 370 862 748 968 1,493 1,491 1,655 2,693 12,553 12,5693 1,678 1,827 1,208 43 915 (P)	24,977 11,673	10,275 5,985 323 115 352 791 663 1,125 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,225 1,049 1,0	10,975 6,490 360 124 373 792 713 1,196 1,146 1,429 111 111 136 4,485 749 194 571 413 632 258 580 27	11,425 6,854 368 132 385 795 734 1,276 1,078 1,660 125 138 4,571 764 277 184 455 686 821 227 609 28	11,589 6,946 369 136 392 831 772 1,336 1,047 1,633 4,643 813 813 813 813 814 844 451 694 844 206 616 616 29	12,394 7,567 401 151 413 879 853 1,911 1,068 1,911 1,068 1,911 4,827 885 1,827 885 1,827 885 1,827 885 1,827 885 1,911 1	12,938 8,071 441 169 436 917 918 1,542 1,065 2,107 139 4,867 920 250 125 533 506 767 901 180 655 23	13,481 8,515 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 50
11,973 408 2,139 626 3,103 3,644 2,054	12,596 424 2,326 663 3,352 3,868 1,963	13,170 450 2,263 675 3,733 3,987 2,062	13,736 455 2,389 715 4,061 3,923 2,194	14,552 449 2,586 808 4,309 4,131 2,270	15,502 470 2,796 870 4,623 4,436 2,307	16,472 n.a. n.a. n.a. n.a. n.a.	9,930 391 1,713 74 2,973 3,437 1,341	10,689 400 1,853 77 3,138 3,861 1,359	11,399 384 1,939 83 3,241 4,419 1,332	12,456 398 2,012 92 3,476 5,142 1,337	13,427 398 2,227 101 3,767 5,592 1,342	14,366 (^D) 2,411 106 (^D) 5,888 1,432	15,504 n.a. n.a. n.a. n.a. n.a.	3,322 254 853 97 928 497 693	3,577 248 913 101 1,066 524 726	3,703 245 936 94 1,157 543 729	3,924 258 959 103 1,303 562 739	4,203 256 1,079 107 1,415 581 765	4,655 269 1,172 115 1,685 614 800	4,758 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
11,021 20,525 15,620 4,267 11,353	11,809 21,719 15,983 4,452 11,531	12,717 22,829 17,604 4,596 13,008	13,944 24,483 19,461 4,989 14,472	14,862 25,718 21,856 5,703 16,153	16,029 27,399 24,671 6,525 18,146	17,570 28,968 26,581 n.a. n.a.	8,974 9,412 7,292 2,224 5,067	9,338 10,167 7,510 2,298 5,212	9,874 10,981 8,298 2,405 5,893	10,631 11,849 9,190 2,610 6,580	11,574 12,532 10,386 2,918 7,468	12,885 13,365 11,839 3,280 8,559	14,099 14,471 12,710 n.a. n.a.	2,310 4,602 2,354 846 1,508	2,476 4,880 2,330 877 1,453	2,709 5,120 2,469 906 1,564	2,855 5,342 2,638 953 1,685	3,063 5,690 2,904 1,012 1,892	3,325 6,034 3,088 1,097 1,991	3,619 6,457 3,323 n.a. n.a.	58 59 60 61 62
55,820 2,723 1,841 683 9,716 1,679 820 2,880 373 19,124 4,224 1,403 1,697 50 2,159 5,977 471	59,734 2,739 1,866 712 10,830 1,767 829 3,100 401 20,337 4,365 1,859 56 2,286 6,409 616	65,211 2,934 1,965 769 12,611 1,851 908 3,421 456 21,756 4,571 1,668 1,963 63 2,367 7,273 645	69,078 3,124 2,032 783 13,140 1,947 936 3,709 450 23,114 4,851 1,762 2,065 68 2,467 7,802 829	74,707 3,313 2,144 792 15,462 2,092 932 4,037 480 23,923 5,107 1,877 2,173 73 2,549 8,771 983	81,994 3,645 2,254 926 18,506 2,221 997 4,514 5,661 2,035 2,356 78 2,662 2,967 1,007	90,393 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	24,651 846 879 292 5,116 825 355 620 209 7,880 1,861 976 535 19 976 2,898 363	26,505 877 899 306 5,846 931 363 651 1,059 609 19 1,021 3,109 451	29,413 933 946 331 7,072 939 424 798 228 8,835 1,948 22,1,052 1,052 3,608 443	32,854 1,091 988 338 8,563 1,025 379 897 253 9,693 2,137 1,225 733 2,31 1,147 3,866 494	35,855 1,132 1,062 344 9,906 1,112 400 2,355 10,100 2,355 1,333 815 24 1,199 4,393 589	39,452 1,254 1,132 403 11,232 438 876 274 10,521 10,521 10,521 10,521 1,449 904 1,244 5,034 627	44,335 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	9,952 223 441 110 1,343 353 147 208 77 4,541 666 305 297 8 438 438 699 96	10,455 224 451 114 1,494 387 135 238 73 4,743 658 318 320 9 9 455 734 102	11,129 243 464 121 1,608 404 159 244 67 5,027 68 336 336 352 9 473 833 102	11,967 266 467 123 1,784 439 178 247 70 5,392 730 355 382 9 479 940	12,819 276 503 123 2,008 451 186 258 62 5,730 793 373 399 9 497 1,022	13,728 288 534 142 2,249 492 211 281 66 5,939 821 402 443 111 120 1,200	14,923 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
34,369 6,234 4,273 23,862 5,534 18,328	35,536 6,278 4,017 25,241 5,768 19,473	36,772 6,462 3,866 26,444 6,095 20,349	38,509 6,769 4,307 27,432 6,417 21,015	40,296 6,929 4,566 28,801 6,921 21,880	42,135 7,160 4,436 30,539 7,464 23,075	43,246 7,568 4,156 31,522 n.a. n.a.	19,655 4,795 2,993 11,867 3,828 8,039	20,599 4,978 3,042 12,578 4,092 8,487	21,372 5,039 3,016 13,317 4,353 8,964	22,310 5,155 3,187 13,967 4,589 9,378	23,358 5,309 3,315 14,733 4,793 9,941	24,579 5,433 3,351 15,795 5,124 10,671	25,520 5,742 3,332 16,445 n.a. n.a.	9,389 1,856 1,556 5,978 2,240 3,738	9,692 1,897 1,561 6,233 2,325 3,909	10,032 1,900 1,539 6,593 2,451 4,142	10,425 1,934 1,616 6,875 2,555 4,320	10,759 1,927 1,652 7,180 2,662 4,518	11,052 1,924 1,662 7,466 2,794 4,672	11,890 2,069 1,688 8,133 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source (Millions

					Lauisiana							Missississ		<u>.</u>	[iviiiioris
Line	ltem	1993 "	1994 -	1995 r	Louisiana 1996 r	1997 -	1998	1999 <i>P</i>	1993 *	1994 r	1995 r	Mississipp 1996 r	1997	1998	1999 <i>P</i>
	Income by Place of Residence														
1 2 3	Personal income (lines 4-9) Population (thousands) ² Per capita personal income (dollars) ³	75,911 4,285 17,717	80,872 4,307 18,779	84,573 4,328 19,541	87,879 4,339 20,254	92,486 4,351 21,254	96,878 4,363 22,206	99,646 4,372 22,792	40,768 2,636 15,468	44,077 2,663 16,549	46,242 2,691 17,185	48,898 2,710 18,044	51,557 2,732 18,873	54,410 2,751 19,776	56,773 2,769 20,506
4 5 6 7 8 9	Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Transfer payments	52,497 2,779 -109 49,609 11,991 14,311	55,472 3,019 -120 52,333 12,797 15,741	58,116 3,184 -137 54,795 13,832 15,946	60,434 3,302 -143 56,989 14,595 16,294	64,038 3,509 -146 60,384 15,328 16,774	67,725 3,684 -142 63,899 16,014 16,965	69,340 3,719 -112 65,509 16,665 17,472	27,622 1,717 830 26,735 6,178 7,855	30,065 1,897 863 29,031 6,714 8,332	31,167 2,012 939 30,094 7,062 9,086	32,752 2,076 987 31,663 7,538 9,696	34,475 2,186 1,117 33,406 8,004 10,147	36,726 2,305 1,267 35,688 8,415 10,307	38,360 2,400 1,333 37,293 8,796 10,685
10 11 12 13	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income? Farm Nonlarm	39,326 6,720 6,451 303 6,148	41,645 7,189 6,637 392 6,245	44,122 7,171 6,823 438 6,386	46,177 7,014 7,242 591 6,652	49,382 7,142 7,514 403 7,111	52,729 7,327 7,669 196 7,473	53,706 7,303 8,331 464 7,868	20,877 3,547 3,198 277 2,922	22,756 3,812 3,496 533 2,963	24,006 3,730 3,432 431 3,001	25,139 3,776 3,837 768 3,069	26,657 3,873 3,945 660 3,285	28,591 4,012 4,124 657 3,467	30,054 4,128 4,178 539 3,639
15 16 17 18 19 20 21 22 23 24 25 26	Farm Nontarm Private Agricultural services, forestry, fishing, and other s Agricultural services Forestry, fishing, and other s Forestry, fishing, and other s Mining Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels Construction	478 52,019 41,398 323 214 109 2,443 18 14 2,336 75 3,438	547 54,924 43,906 294 202 91 2,515 22 11 2,396 87 3,721	576 57,540 46,095 305 213 92 2,577 (P) (P) 2,434 93 3,858	747 59,687 48,026 303 226 76 2,774 (b) (c) 2,624 109 4,278	574 63,465 51,362 335 246 89 3,248 (D) 3,104 107 4,596	381 67,344 54,665 360 265 95 3,487 41 16 3,319 111 5,227	665 68,675 55,849 419 n.a. n.a. n.a. n.a. n.a. 5,153	464 27,158 21,050 203 169 33 217 (D) 198 18 1,489	697 29,368 22,887 202 164 39 234 (^L) 2 213 19 1,671	573 30,594 23,770 198 165 32 224 (L) 7 198 20 1,707	925 31,828 24,743 196 167 30 252 (¹) 5 227 20 1,892	828 33,647 26,297 220 184 36 314 (^L) 6 288 20 2,036	840 35,887 28,137 248 205 43 348 (L) (D) 318 (D) 2,301	741 37,620 29,449 295 n.a. n.a. 316 n.a. n.a. n.a. 2,326
278 299 331 322 333 455 367 38 39 441 42 434 45 447 488 495 6	Manufacturing Durable goods Lumber and wood products Furniture and lixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Textile mill products Apparel and other lextile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Leather and leather products	7,616 2,837 486 168 103 446 454 229 239 604 42 48 4,779 512 (L) 550 261 170 2,255 802 130 (L)	8,190 3,161 514 182 192 193 194 195 242 385 684 46 535 5,029 546 2,358 2,358 2,358 2,358 136 136	8,480 3,336 500 203 192 111 440 551 241 477 68 477 58 5,143 540 105 2,589 2,589 2,589 2,723 152	8,390 3,234 488 1208 1208 494 6025 235 5,157 565 (L) 103 144 598 285 2,590 161	8,840 3,556 515 20 216 132 550 721 185 844 592 (P) 91 132 608 288 2,645 749 177)	9,191 3,817 533 222 228 136 566 812 240 (P) 74 74 596 62 110 617 299 2,714 792 180 180	9,313 3,817 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	6,654 4,024 714 651 158 127 372 444 142 644 142 644 52,629 (L) 191 281 140 364	7,073 4,372 780 698 169 140 418 508 694 169 643 643 64 136 505 2,701 136 505 393 205 299 142 389 8	7,092 4,401 817 666 174 146 429 538 692 173 617 581 2,690 649 (4) 132 471 403 206 310 134 391	6,961 4,343 815 656 437 571 571 682 163 545 89 2,618 627 (L) 110 434 449 431 211 316 129 365 66	7,170 4,497 853, 697 186 97 186 441 608 696 187 517 46 22,673 632 (L) 130 407 444 222 332 136 363	7,610 4,873 890 738 198 198 187 464 659 211 689 2,736 648 (L) 132 380 445 238 345 238 345 345 345 348	7.827 5,022 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.
51 52 53 54 55 56 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	4,179 189 753 792 649 768 1,027	4,375 198 800 856 669 799 1,054	4,457 201 838 857 661 856 1,044	4,567 206 847 898 699 909 1,007	4,876 213 920 1,046 740 950 1,009	5,139 222 981 1,158 796 954 1,029	5,143 n.a. n.a. n.a. n.a. n.a. n.a.	1,821 99 569 64 209 411 469	1,958 99 643 76 230 433 477	2,022 104 698 81 245 433 462	2,094 107 709 85 266 463 462	2,215 108 769 (P) (P) 534 456	2,291 (P) 819 85 (P) 510 488	2,301 n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	2,779 4,707 2,659 909 1,750	2,940 5,008 2,730 991 1,740	3,119 5,360 2,937 1,034 1,902	3,257 5,463 3,110 1,068 2,043	3,490 5,732 3,379 1,169 2,209	3,751 6,074 3,656 1,267 2,389	3,833 6,339 3,817 n.a. n.a.	1,281 2,695 1,243 522 721	1,378 2,850 1,304 549 755	1,426 2,999 1,379 564 815	1,475 3,160 1,425 600 825	1,572 3,364 1,534 647 887	1,736 3,570 1,667 707 960	1,810 3,852 1,781 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	13,254 375 437 190 1,748 343 253 318 70 5,037 1,437 536 325 17 481 1,534	14,133 434 460 1,855 368 254 612 61 5,364 1,393 372 177 372 150 1,504	15,002 494 501 209 1,932 277 983 65 5,580 1,396 606 399 511 1,425 217	15,883 547 526 2,161 411 301 1,117 82 5,839 1,444 406 200 1,481 183	16,865 559 597 209 2,484 453 298 1,120 76 6,013 1,569 651 435 21 564 1,596 219	17,779 605 655 241 2,728 510 332 1,225 78 6,08 1,616 728 488 24 590 1,745	18,805 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	5,448 144 235 112 582 212 174 349 36 420 190 162 3 2,086 420 190 68	6,218 299 248 116 647 230 148 573 2,314 430 212 181 3 290 423 68	6,724 407 254 125 693 238 168 535 44 2,542 221 193 298 458 104	7,288 499 257 126 771 242 174 546 35 2,827 478 226 203 3 3 3 483 103	7,872 539 278 126 912 255 173 559 3,022 529 241 215 3 331 536	8,366 647 291 146 992 284 181 568 32 3,061 612 262 230 345 584	8,939 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local	10,621 1,769 1,164 7,688 2,895 4,793	11,018 1,822 1,162 8,034 3,056 4,978	11,445 1,843 1,138 8,465 3,273 5,191	11,661 1,924 1,162 8,574 3,253 5,322	12,103 1,965 1,153 8,985 3,371 5,614	12,679 2,017 1,145 9,517 3,591 5,926	12,826 2,094 1,177 9,556 n.a. n.a.	6,108 1,295 886 3,927 1,324 2,603	6,481 1,330 930 4,221 1,438 2,784	6,824 1,365 941 4,518 1,551 2,967	7,085 1,369 981 4,735 1,619 3,116	7,350 1,403 988 4,959 1,683 3,276	7,750 1,469 1,024 5,257 1,796 3,460	8,171 1,522 1,051 5,598 n.a. n.a.

and Earnings by Industry $^{\rm l},\,$ 1993–99–Continued of dollars]

of dollars	1					South Carolina Tennessee															
			orth Carolin																		Line
1993 *	1994 *	1995 r	1996 -	1997*	1998*	1999#	1993 r	1994 *	1995	1996	1997 -	1998 *	1999₽	1993 r	1994 "	1995*	19967	1997 "	19987	1999 <i>P</i>	
139,239 6,947 20,042	147,793 7,061 20,931	157,634 7,185 21,938	167,638 7,308 22,940	179,845 7,429 24,210	190,009 7,546 25,181	200,601 7,651 26,220	64,711 3,635 17,805	68,511 3,666 18,686	72,050 3,700 19,473	76,287 3,739 20,403	81,169 3,790 21,416	85,898 3,840 22,372	91,300 3,886 23,496	100,394 5,086 19,741	106,855 5,163 20,696	114,260 5,241 21,800	119,287 5,314 22,450	126,096 5,378 23,445	132,756 5,433 24,437	140,275 5,484 25,581	1 2 3
102,719 6,205 -539 95,975 24,049 19,215	108,925 6,708 -601 101,616 26,288 19,888	115,043 7,181 -678 107,184 28,250 22,199	121,409 7,524 -742 113,143 30,570 23,925	130,483 8,081 -827 121,574 32,941 25,330	138,538 8,559 -821 129,159 34,719 26,131	147,659 9,113 -884 137,661 35,581 27,359	46,361 2,783 570 44,149 10,816 9,746	48,526 2,974 654 46,206 11,811 10,494	50,842 3,171 753 48,423 12,431 11,196	53,331 3,281 862 50,912 13,375 12,000	56,735 3,486 997 54,246 14,222 12,702	60,400 3,683 1,054 57,772 14,860 13,266	64,636 3,910 1,140 61,866 15,505 13,929	74,342 4,415 –563 69,365 15,105 15,925	79,588 4,826 -636 74,127 16,158 16,570	84,702 5,181 -715 78,806 17,316 18,138	87,890 5,366 -662 81,862 18,395 19,030	93,281 5,695 -811 86,775 19,424 19,897	98,605 5,974 -1,012 91,619 20,598 20,540	104,648 6,267 -1,074 97,307 21,606 21,363	4 5 6 7 8 9
79,433 12,319 10,967 2,262 8,704	84,473 12,985 11,467 2,494 8,974	90,251 12,744 12,049 2,294 9,755	95,853 13,018 12,538 2,561 9,977	103,596 13,465 13,422 2,577 10,845	111,444 13,881 13,213 1,712 11,502	119,720 14,483 13,456 1,194 12,262	36,693 5,875 3,793 226 3,568	38,465 6,095 3,966 364 3,602	40,695 5,890 4,256 251 4,005	42,628 5,922 4,781 316 4,466	45,543 6,058 5,134 327 4,807	48,864 6,274 5,263 182 5,081	52,357 6,623 5,656 132 5,524	56,365 8,748 9,229 383 8,846	60,458 9,550 9,581 431 9,149	64,554 9,678 10,470 233 10,237	67,568 8,931 11,391 128 11,263	72,123 8,965 12,193 133 12,060	76,826 9,122 12,658 —42 12,700	81,312 9,429 13,907 -76 13,983	10 11 12 13 14
2,617 100,101 80,567 594 533 61 136 1 7 7 5 124 5,893	2,847 106,078 85,778 574 515 59 162 (L-) 12 5 145 6,447 27,517	2,683 112,360 91,307 628 578 50 175 1 16 6 152 6,992	2,953 118,456 96,425 709 670 39 179 1 15 6 158 7,595	2,984 127,499 104,298 815 767 48 200 1 16 8 175 8,505	2,175 136,364 111,801 918 865 53 213 (P) 17 (P) 185 9,284 31,120	1,713 145,946 119,989 1,050 n.a. n.a. 215 n.a. n.a. n.a. 9,943 31,984	325 46,036 35,698 267 214 53 70 11 4 3 51 2,879	463 48,063 37,706 262 208 55 70 8 2 4 56 3,037	358 50,483 40,160 298 242 56 81 9 9 4 59 3,268 12,978	422 52,909 42,253 307 258 49 81 10 5 6 6 3,676	446 56,289 45,132 341 290 51 86 11 5 8 61 3,934	306 60,094 48,300 392 333 59 88 (D) 65 4,292 13,813	267 64,370 51,662 420 n.a. n.a. n.a. n.a. 4,547	508 73,834 62,451 351 343 7 268 35 88 18 127 4,160	553 79,035 66,852 347 338 9 245 36 79 21 110 4,608	365 84,337 71,834 370 363 7 242 39 72 15 115 5,065	259 87,631 74,725 372 378 -6 256 38 77 15 125 5,387	268 93,013 80,087 414 412 1 287 32 78 19 157 5,865	111 98,495 85,134 460 454 6 296 32 75 22 167 6,216 20,153	92 104,557 90,557 509 n.a. n.a. 279 n.a. n.a. n.a. 6,545	15 16 17 18 19 20 21 22 23 24 25 26
26.264 11,824 1,924 724 724 726 567 947 2,836 2,083 935 502 147 502 1,322 2,946 2,425 31 1,211	12,702 1,151 2,015 790 630 1,010 1,010 1,026 1,026 1,026 1,027 1,026 1,026 1,026 1,039 1,009 1,009 1,278 991 991 991 991 991 991 991 991 991 99	13,389 1,182 1,997 825 620 1,053 3,217 2,362 1,145 183 584 1,447 1,079 5,051 1,044 2,685 31 1,344 1,445 1,015	13,823 1,232 1,965 664 1,113 3,328 2,501 1,116 195 605 0,024 14,846 1,028 4,883 1,134 1,047 1,04	14,799 1,328 2,056 903 721 1,204 3,556 2,718 1,196 244 15,353 1,518 1,050 5,029 1,102 1,074 1,147 2,848 31 1,495 58	11,734 1,424 2,182 772 1,273 3,719 2,819 1,353 238 777 255 15,386 1,008 4,924 1,042 1,056 1,207 2,914 32 1,555 56	16,273 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	4,512 403 118 311 356 579 1,341 751 264 125 163 386 4 2,454 596 834 337 2,159 24 865	14,841 440 123 326 372 1,445 811 128 166 409 2 2,539 598 856 2,154 23 898	5,171 450 126 342 381 1,565 402 402 402 107 7,866 424 42 431 581 398 2,212 20 943	5,245 459 125 349 406 622 1,448 845 569 140 165 569 147 7,662 436 1 2,281 436 2,155 20 940	5,546 486 486 433 667 1,512 861 1,512 861 1,512 861 1,512 861 1,20 7,880 451 120 7,880 451 120 2,391 224 461 2,151 20 952 953	5,917 497 146 403 476 728 1,598 848 848 182 165 182 183 7,896 488 488 488 489 2,351 476 2,176 2,176 20 982 (P)	6,210 n.a.	9,733 561 729 560 658 1,541 1,342 1,256 1,266 412 366 309 8,018 1,227 524 1,012 907 1,124 1,025 1,124 1,124 1,124 1,124	10,703 620 787 622 691 1,623 1,510 1,334 2,351 427 383 8,214 1,258 43 533 1,026 914 1,192 1,917 45 1,192 1,191 1,192	11,275 652 795 654 699 1,672 2,677 405 398 8,271 1,246 907 1,210 1,985 1,213 1,133	10,701 10,701 786 690 716 1,582 1,622 2,028 393 400 1,232 8,210 1,232 1,229 912 1,229 2,125 47 1,172 84	11,295 707 815 690 754 1,626 1,760 1,563 414 410 410 398 8,388 1,297 61 516 805 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,288 2,063 1,06	11,718 11,719 8311 724 792 1,716 1,912 1,527 2,128 432 4460 8,435 1,377 72 519 787 1,010 1,331 1,923 1,923 1,923 1,280	12,473 n.a.	27 28 29 30 31 33 33 33 33 33 40 41 44 45 44 45 47 48 49 50
6,399 153 1,951 44 1,444 1,315 1,492	6,920 153 2,092 37 1,562 1,401 1,675	7,181 142 2,152 34 1,718 1,527 1,608	7,441 150 2,184 35 1,802 1,630 1,640	7,798 151 2,327 41 1,850 1,737 1,692	8,212 158 2,496 41 1,920 1,945 1,652	8,403 n.a. n.a. n.a. n.a. n.a.	2,542 112 730 67 291 555 786	2,728 117 814 70 339 574 814	2,814 110 865 74 373 607 783	2,885 105 896 74 413 611 786	3,017 105 941 (P) (P) 634 783	3,149 109 981 84 506 658 810	4,095 n.a. n.a. n.a. n.a. n.a.	5,252 264 1,783 (P) (P) 1,180 329	5,666 276 1,976 (P) (P) 1,178 356	5,848 262 2,112 (P) (P) 1,024 388	6,123 272 2,166 (P) (P) 1,089 421	6,703 267 2,437 (^D) (P) 1,147 434	7,304 (P) 2,735 97 (P) 1,177 408	7,798 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
5,958 9,418 5,577 2,106 3,471	6,458 10,072 5,876 2,249 3,627	6,878 10,766 6,686 2,416 4,270	7,048 11,270 7,499 2,732 4,768	7,695 12,124 8,520 3,187 5,333	8,250 12,798 9,696 3,754 5,942	8,846 13,653 10,767 n.a. n.a.	1,942 4,724 2,257 785 1,472	2,092 4,961 2,328 800 1,528	2,301 5,353 2,611 839 1,772	2,476 5,653 2,981 897 2,084	2,714 6,031 3,366 992 2,374	2,999 6,420 3,770 1,112 2,658	3,324 6,867 4,156 n.a. n.a.	4,616 7,414 4,089 1,322 2,767	4,941 8,002 4,259 1,386 2,873	5,282 8,610 4,759 1,463 3,297	5,515 9,127 5,366 1,685 3,681	5,897 9,714 6,004 1,907 4,097	6,353 10,259 6,749 2,163 4,586	6,972 10,880 7,447 n.a. n.a.	58 59 60 61 62
20,328 469 929 214 3,758 683 338 505 110 7,122 1,122 876 778 27 911 2,304 182	21,752 497 933 223 4,070 742 338 538 114 7,735 1,133 958 832 2,7 995 2,401 216	23,629 536 962 241 4,665 790 394 129 8,319 1,201 1,042 918 300 1,028 2,563 234	26,014 578 982 245 5,474 857 410 656 138 9,021 1,309 1,102 1,006 1,006 3,107 2,876 256	28,489 628 1,062 248 6,313 908 399 795 161 9,604 1,428 1,175 1,115 3,194 317	31,310 694 1,117 293 1,006 435 955 169 10,047 1,265 1,284 1,259 35 1,160 3,675 328	35,128 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	8,846 391 417 130 1,440 326 227 281 59 2,660 703 3278 313 6 6 423 1,083	9,551 395 431 135 1,583 370 219 303 58 2,919 749 344 8 8 8 464 1,133 143	10,457 440 444 1,817 389 249 391 66 3,156 747 311 384 8 8 480 1,266 163	11,286 449 458 146 2,028 408 261 398 62 3,435 867 331 405 9 9 524 1,361	12,217 480 482 447 2,369 424 276 418 65 3,648 940 349 436 11 11 542 1,454 175	13,376 524 507 12,665 493 312 475 75 3,861 1,104 463 1,1598 177	14,593 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	18,549 589 776 158 2,933 541 257 602 158 7,341 872 705 353 25 746 2,321 172	19,866 595 804 164 3,231 591 263 635 167 7,749 882 405 29 29 826 2,559 198	22,111 791 829 177 3,627 639 300 765 221 8,499 930 812 455 30 30 455 30 854 2,995	23,666 819 847 180 3,916 663 328 779 319 9,157 963 858 504 31 918 3,197 188	25,520 884 899 111 4,429 698 332 849 309 9,662 1,043 914 572 33 3,532 228	27,345 938 938 938 5,036 774 389 944 1,114 1,006 660 355 992 3,821 230	29,344 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
19,535 2,743 4,190 12,602 4,474 8,127	20,301 2,866 4,203 13,232 4,609 8,622	21,053 3,004 4,152 13,896 4,809 9,087	22,030 3,153 4,385 14,492 4,999 9,493	23,200 3,191 4,488 15,521 5,271 10,250	24,563 3,318 4,505 16,740 5,594 11,145	25,957 3,466 4,552 17,938 n.a. n.a.	10,338 1,664 2,108 6,565 2,748 3,817	10,357 1,602 1,965 6,790 2,811 3,980	10,323 1,513 1,704 7,106 2,916 4,190	10,656 1,460 1,707 7,489 2,942 4,547	11,158 1,544 1,703 7,910 2,984 4,926	11,794 1,604 1,766 8,424 3,125 5,299	12,708 1,675 1,976 9,058 n.a. n.a.	11,383 3,013 609 7,762 2,524 5,238	12,184 3,171 618 8,395 2,733 5,661	12,504 3,112 575 8,816 2,829 5,987	12,906 3,211 566 9,129 2,886 6,243	12,926 3,078 389 9,458 2,871 6,587	13,361 3,120 392 9,848 2,946 6,902	13,999 3,276 441 10,283 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source [Millions

					Virginia		,					Vest Virgin	ia		
Line	ttem	1993 <i>°</i>	1994 ′	1995″	19967	1997 <i>°</i>	19987	1999 <i>p</i>	1993 r	1994 r	1995 °	1996 <i>°</i>	1997 <i>r</i>	19987	1999 <i>P</i>
1 2 3	Personal income (fines 4-9) Population (thousands) ² Per capita personal income (dollars) ³ Derivation of Personal Income	147,223 6,465 22,773	154,982 6,537 23,709	161,442 6,601 24,456	169,938 6,665 25,495	180,510 6,733 26,810	190,528 6,789 28,063	202,642 6,873 29,484	30,375 1,816 16,724	31,666 1,818 17,413	32,611 1,821 17,913	33,771 1,819 18,566	35,233 1,816 19,406	36,569 1,812 20,185	37,744 1,807 20,888
4 5 6 7 8 9	Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Transfer payments	105,252 6,130 6,565 105,687 26,832 14,704	110,255 6,552 6,702 110,404 28,996 15,582	114,656 6,876 6,929 114,708 30,092 16,642	120,820 7,211 6,675 120,283 31,843 17,813	129,000 7,716 7,257 128,540 33,488 18,482	138,258 8,228 7,118 137,148 34,558 18,823	148,781 8,828 7,446 147,398 35,709 19,535	19,145 1,235 91 18,000 4,945 7,430	20,210 1,322 132 19,020 5,144 7,502	20,710 1,385 165 19,489 5,408 7,714	21,201 1,409 190 19,981 5,788 8,001	21,924 1,449 312 20,786 6,100 8,347	22,683 1,482 439 21,639 6,369 8,561	23,306 1,513 538 22,331 6,618 8,794
10 11 12 13 14	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income? Farm Nonfarm	82,743 14,493 8,016 350 7,666	86,818 15,325 8,112 460 7,652	90,925 14,905 8,826 379 8,447	96,389 15,327 9,103 362 8,741	103,562 15,784 9,653 219 9,435	111,789 16,279 10,190 190 10,000	120,876 17,026 10,879 83 10,796	14,861 2,345 1,939 35 1,904	15,683 2,515 2,012 33 1,979	16,267 2,424 2,018 -7 2,025	16,825 2,434 1,942 -23 1,965	17,404 2,478 2,041 27 2,068	18,032 2,538 2,112 -28 2,140	18,559 2,573 2,174 -46 2,220
15 16 17 18 19 20 21 22 23 24 25 26	Farm Solution Farm Nonfarm Private Agricultural services, forestry, fishing, and other solution Agricultural services Forestry, fishing, and other solution Mining Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels Construction	515 104,737 74,970 524 484 40 639 2 493 34 110 5,754	618 109,636 78,769 536 502 34 665 1 487 52 125 6,225	546 114,109 83,390 557 526 31 659 1 454 75 129 6,491	524 120,296 88,418 584 558 26 663 1 415 113 6,880	380 128,620 95,840 642 612 30 717 3 429 148 137 7,569	373 137,885 104,271 708 675 33 720 5 406 167 142 7,946	282 148,499 1.13,398 793 n.a. 693 n.a. n.a. n.a. 8,639	58 19,087 15,165 72 71 1,437 2 1,248 154 33 1,144	55 20,155 16,010 71 69 2 1,593 2 1,397 159 35 1,296	15 20,694 16,385 73 72 1,590 2 1,406 148 34 1,217	-2 21,203 16,698 71 72 -1 1,518 2 1,317 162 36 1,280	-6 21,930 17,239 79 (-) 1,501 3 1,274 188 37 1,332	-5 22,687 17,845 88 87 1 1,453 3 1,224 187 39 1,344	-21 23,326 18,325 93 n.a. n.a. 1,312 n.a. n.a. n.a. 1,322
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Textile mill products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Rubber and miscellaneous plastics products Leather and leather products Leather and leather products	14,095 7,112 693 480 372 483 645 867 1,386 470 1,300 317 97 97 1,360 1,196 33 651 22	14,625 7,397 751 495 389 495 666 666 1,274 310 113 7,228 1,093 639 910 390 760 1,521 1,157 33 705	14,889 7,582 725 492 387 464 464 718 957 1,571 565 1,271 1222 7,306 1,093 688 899 360 1,138 899 1,530 1,138 29 750	15,225 7,726 7483 490 490 719 1,022 1,493 554 1,238 448 121 7,499 1,129 705 889 338 824 1,621 1,177 72 26 772	15,868 8,168 8,165 538 435 498 764 1,105 1,577 613 1,213 1,700 1,184 700 920 328 890 1,213 27 807	16,446 8,586 879 594 448 497 772 1,164 1,253 496 1,253 496 1,253 1,860 1,275 886 3003 881 1,705 886 1,253 881 1,705 886 1,253 866 1,253	16.431 8,443 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	3,139 1,716 217 16 224 679 199 141 72 72 75 75 18 1,423 77 30 37 30 37 30 138 956 76 25 76	3,208 1,755 238 17 214 214 215 214 159 75 54 19 1,453 36 31 141 978 978 26 373 26	3,274 1,804 247 16 205 683 213 176 176 18 89 97 116 7 7 140 1,009 1,00 1,00	3,314 1,859 256 198 199 692 226 189 16 105 105 105 119 (2) 23 310 135 998 998 692 25 692	3,297 1,841 285 225 625 625 236 200 16 106 106 125 (P) 26 27 36 36 36 39 24 70 70	3.394 1,879 304 22 207 610 236 209 109 159 59 59 1,514 1,512 20 22 25 26 1,012 27 27 27 99 95	3,458 1,900 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.
51 52 53 54 55 56 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications Electric, gas, and sanitary services	6,537 429 1,160 191 1,414 2,175 1,169	6,843 413 1,252 197 1,517 2,205 1,259	7,069 406 1,314 196 1,550 2,347 1,256	7,700 410 1,372 214 1,648 2,762 1,294	8,354 406 1,481 214 1,807 3,146 1,301	9,376 426 1,613 277 1,994 3,699 1,367	9,838 n.a. n.a. n.a. n.a. n.a.	1,583 208 355 37 102 283 597	1,673 193 395 39 115 305 626	1,679 188 395 37 127 309 624	1,660 189 401 38 118 318 597	1,674 183 419 39 124 320 589	1,726 196 430 40 128 334 597	1,686 n.a. n.a. n.a. n.a. n.a. n.a.
58 59 60 61 62	Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions Other finance, insurance, and real estate	5,172 8,684 6,816 2,401 4,415	5,504 9,227 6,940 2,501 4,439	5,896 9,642 7,344 2,526 4,817	6,235 10,023 7,840 2,694 5,145	6,594 10,597 8,905 3,115 5,790	7,029 11,222 9,967 3,585 6,382	7,857 12,026 11,182 n.a. n.a.	902 1,773 745 304 441	938 1,863 760 307 453	959 1,937 804 302 502	998 1,972 829 303 527	1,058 2,066 886 319 567	1,083 2,154 932 348 585	1,136 2,237 1,027 n.a. n.a.
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	Services Hotels and other lodging places Personal services Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations Engineering and management services Miscellaneous services	26,749 773 926 312 5,993 676 303 532 141 6,920 1,452 803 717 688 1,326 5,456 349	28,203 789 951 324 6,357 749 303 548 146 7,215 1,486 899 757 757 1,495 5,748 360	30,843 832 991 347 7,299 779 331 593 183 7,645 1,532 989 849 76 6,395 447	33,269 853 981 352 8,280 812 350 619 168 8,062 1,594 1,701 6,881 593	36,594 900 1,039 354 10,058 868 353 662 193 8,396 1,707 1,140 999 82 1,762 7,360 721	40,857 955 1,098 410 12,425 948 390 751 204 8,802 1,886 1,079 87 1,879 8,077 738	45,940 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	4,370 135 182 411 417 111 92 75 21 2,067 362 109 208 2 150 354	4,608 136 178 42 449 126 95 77 20 2,165 379 123 236 2 156 377 45	4,852 145 183 451 126 98 89 23 2,271 404 133 249 2 159 391 43	5,056 149 180 45 535 131 103 87 21 2,398 381 140 254 2 163 430 37	5,346 156 191 455 591 136 104 95 20 2,524 406 147 274 2 1688 444 444	5,671 168 195 51 151 105 21 2,631 430 153 306 2 173 474 45	6,053 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a
80 81 82 83 84 85	Government and government enterprises Federal, civilian Military State and local State Local	29,767 10,126 7,951 11,690 3,949 7,741	30,867 10,456 7,958 12,453 4,224 8,229	30,719 10,055 7,744 12,920 4,292 8,628	31,878 10,532 8,043 13,304 4,372 8,932	32,780 10,727 7,987 14,066 4,628 9,437	33,614 10,782 7,818 15,013 4,929 10,084	35,101 11,136 7,993 15,972 n.a. n.a.	3,922 869 125 2,927 1,097 1,831	4,145 927 130 3,088 1,177 1,911	4,309 986 131 3,192 1,233 1,960	4,505 1,063 139 3,303 1,274 2,029	4,692 1,166 143 3,383 1,268 2,114	4,842 1,204 145 3,493 1,320 2,173	5,002 1,216 147 3,639 n.a. n.a.

and Earnings by Industry $^{\rm I}$, 1993–99–Continued of dollars)

of dollars			Southwest							Arizona			1				New Mexico				
1993 ′	1994 °	1995″	1996 "	1997 ⁻	1998	1999 <i>P</i>	1993 <i>°</i>	1994 -	1995 °	1996"	1997 <i>°</i>	1998 r	1999 <i>P</i>	1993 ′	1994 -	1995 "	1996 <i>"</i>	1997 r	1998 r	1999 <i>P</i>	Line
517,898 26,834 19,300	550,067 27,385 20,086	586,017 27,935 20,978	624,034 28,434 21,946	673,287 28,945 23,261	723,099 29,453 24,551	767,549 29,920 25,653	74,900 3,993 18,756	82,014 4,148 19,774	88,870 4,307 20,634	95,787 4,432 21,611	103,968 4,552 22,839	112,974 4,667 24,206	120,923 4,778 25,307	27,819 1,615 17,226	29,670 1,653 17,946	31,716 1,682 18,852	33,232 1,706 19,478	34,955 1,723 20,288	36,688 1,734 21,164	38,386 1,740 22,063	1 2 3
383,890 21,849 367 362,408 85,897 69,592	406,229 23,648 381 382,963 92,708 74,396	430,820 25,449 360 405,731 99,555 80,731	459,386 27,037 354 432,703 105,799 85,532	499,983 29,328 336 470,991 112,437 89,859	543,885 31,621 346 512,610 118,793 91,695	580,493 33,304 384 547,573 124,387 95,590	51,170 3,151 252 48,272 14,954 11,674	55,942 3,508 259 52,693 16,779 12,542	61,136 3,850 273 57,559 17,958 13,353	66,330 4,146 299 62,482 19,232 14,073	71,976 4,495 326 67,807 21,342 14,819	79,155 4,883 364 74,636 23,077 15,261	85,426 5,225 397 80,598 24,430 15,895	19,792 1,109 61 18,744 5,005 4,069	20,955 1,211 72 19,816 5,464 4,390	22,146 1,311 74 20,909 5,936 4,870	22,809 1,349 82 21,541 6,426 5,264	24,058 1,418 89 22,729 6,808 5,418	25,320 1,480 94 23,934 7,161 5,593	26,414 1,527 110 24,997 7,519 5,869	4 5 6 7 8 9
284,214 43,155 56,520 4,841 51,680	300,957 46,023 59,249 3,807 55,441	322,779 45,563 62,478 2,623 59,855	346,314 45,842 67,230 2,077 65,154	378,364 47,474 74,145 3,042 71,103	414,743 49,841 79,300 3,142 76,158	440,804 51,642 88,046 5,472 82,574	40,007 5,577 5,586 608 4,978	43,960 6,194 5,788 272 5,516	48,333 6,313 6,490 486 6,004	52,962 6,603 6,765 372 6,393	57,865 6,802 7,309 332 6,978	63,992 7,158 8,005 486 7,518	69,144 7,531 8,751 531 8,220	14,796 2,579 2,417 425 1,993	15,885 2,750 2,319 318 2,001	17,066 2,747 2,334 233 2,100	17,696 2,769 2,344 238 2,106	18,674 2,786 2,598 352 2,246	19,705 2,840 2,775 430 2,345	20,491 2,878 3,045 581 2,465	10 11 12 13 14
5,978 377,912 306,917 2,580 2,458 122 16,244 573 428 14,859 384 21,419	4,971 401,258 327,263 2,485 2,365 120 16,959 570 422 15,549 418 24,398	3,950 426,869 349,819 2,661 2,545 116 17,561 669 419 16,057 417 26,453	3,396 455,990 375,913 2,689 2,585 104 18,657 813 407 17,021 416 29,165	4,462 495,521 412,113 2,986 2,871 115 21,856 758 420 20,255 424 31,129	4,570 539,314 451,980 3,311 3,185 126 23,139 682 (P) 457 34,627	7,008 573,484 482,144 3,768 n.a. n.a. 21,988 n.a. n.a. n.a. n.a. 37,398	795 50,375 40,727 478 473 5 594 492 59 15 28 3,111	517 55,425 45,178 494 489 6 580 468 62 17 33 3,897	754 60,382 49,638 537 532 5 668 550 64 16 38 4,467	642 65,687 54,299 577 572 6 800 677 64 18 41 4,833	648 71,328 59,403 630 626 4 739 610 66 22 41 5,188	801 78.354 65,769 711 706 5 689 560 (D) (D) 37 5,825	878 84,548 71,405 793 n.a. n.a. 640 n.a. n.a. n.a. 6,423	533 19,259 13,565 130 127 2 699 63 123 415 97 1,215	457 20,498 14,531 126 124 2 720 83 125 427 86 1,472	383 21,764 15,472 138 135 2 737 93 124 435 84 1,577	386 22,424 15,973 141 139 2 757 108 113 446 89 1,540	523 23,535 16,885 155 153 2 830 120 121 503 86 1,586	600 24,720 17,825 164 163 2 807 103 103 102 502 79 1,656	767 25,647 18,643 179 n.a. n.a. 750 n.a. n.a. n.a. 1,660	15 16 17 18 19 20 21 22 23 24 25 26
55,198 33,690 1,348 616 616 1,773 1,811 3,918 6,912 7,321 1,608 4,991 2,543 849 21,508 3,560 4 1,483 1,285 3,503 6,785 3,503 6,785 2,400 2,042 2,042	59,123 36,527 1,561 1,961 1,961 1,961 2,132 4,759 2,515 1,040 22,596 3,728 5 5 1,557 1,357 3,692 7,248 2,2441 2,212	61,927 38,651 1,636 2,062 2,062 1,847 4,604 8,100 9,066 2,368 4,737 2,540 999 33,276 3,843 4,157 1,531 1,531 1,531 1,531 2,262 2,324 2,008	64,091 40,289 1,782 708 2,187 1,848 4,907 8,453 9,940 1,515 4,947 23,802 4,005 5 163 1,492 1,492 1,492 1,492 1,492 1,492 2,490 2,400 2,400 2,400 2,400 2,400 2,400 2,400 2,400 2,400 2,400	89,085 44,073 1,897 804 2,308 1,930 9,424 11,167 1,595 5,464 4,2964 1,163 25,013 4,337 6,1510 1,	75,462 49,368 2,146 2,503 1,993 11,168 12,723 1,714 6,003 3,213 1,249 26,093 4,638 (D) 1,519 4,312 8,371 4,312 8,371 2,419 2,838	75,937 49,575 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	7,054 5,576 178 83 199 313 327 555 1,853 1,145 1,197 603 124 1,479 289 (L) 21 75 78 8 572 248 6 1,145	7.863 6.265 2200 256 363 378 551 2.109 1.370 1.370 21 74 81 624 247 75 22 20 21 21 21	8,302 6,650 222 207 277 352 411 545 2,322 240 1,447 (L) 317 (L	8,774 7,023 246 113 302 304 443 576 2,503 236 1,540 613 147 (L) 66 88 692 232 292 292 292 24 24	9.634 7.813 252 135 334 334 341 647 2.889 251 1.702 663 153 1.821 67 67 102 686 293 20 25 25 25 25 25 25 25 25 25 25 25 25 25	10,710 8,784 279 154 363 363 317 532 664 3,349 282 1,875 1,926 1,926 1,926 70 103 103 107 707 339 8 8	10,802 8,890 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	1,401 990 53 16 72 58 41 83 318 53 97 128 69 411 94 (1) (16 43 67 23 39 16 7	1,565 1,129 1,555 82 677 45 91 418 52 96 128 76 437 100 (L) 15 40 91 179 29 179 29 179	1,601 1,157 58 58 89 68 48 41 122 76 444 102 (L) 15 39 9 183 32 38 32 21 21	1.681 1.216 54 16 96 65 65 47 78 514 45 45 485 118 (P) 15 490 491 491 491 491 491 491 491 491 491 491	1,355 1,355 539 96 655 538 605 145 800 144 407 145 34 93 93 94 96 97 145 97 145 98 98 98 98 98 98 98 98 98 98 98 98 98	1.852 1.356 54 20 105 63 95 581 163 806 496 130 (L) 117 35 44 44 45 46 47 48 48 49 49 49 49 49 49 49 49 49 49 49 49 49	1,829 1,354 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50
31,324 1,255 5,302 590 8,545 6,887 8,746	32,838 1,247 5,790 631 9,164 7,334 8,673	34,521 1,288 6,088 605 9,594 8,118 8,829	37,762 1,340 6,370 636 10,598 9,306 9,511	41,319 1,442 7,026 673 11,253 10,742 10,183	44,676 1,510 7,664 769 12,322 11,851 10,560	47,653 n.a. n.a. n.a. n.a. n.a. n.a.	3,054 133 568 4 936 703 710	3,390 131 635 5 1,069 813 737	3,615 138 684 4 1,171 870 747	3,847 150 731 7 1,250 936 774	4,135 164 801 7 1,340 1,011 811	4,493 172 865 8 1,487 1,131 830	4,691 n.a. n.a. n.a. n.a. n.a.	1,207 106 268 1 217 235 382	1,237 105 272 1 236 245 380	1,255 105 286 1 244 254 365	1,294 114 283 1 241 279 376	1,369 122 310 1 245 296 394	1,465 (P) 326 (P) 280 329 400	1,513 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
23,183 36,049 25,950 7,372 18,578	24,730 38,942 27,191 7,691 19,500	26,547 41,684 29,286 7,848 21,438	28,673 43,962 31,788 8,692 23,096	31,828 46,801 35,799 9,843 25,957	35,787 50,245 40,177 11,238 28,939	38,923 53,914 43,951 n.a. n.a.	2,819 5,461 4,278 1,375 2,903	3,186 6,124 4,573 1,475 3,098	3,512 6,536 5,235 1,571 3,664	4,010 7,116 5,858 1,816 4,042	4,459 7,626 6,666 1,995 4,671	4,963 8,217 7,501 2,385 5,116	5,340 8,830 8,379 n.a. n.a.	783 2,062 931 317 614	843 2,195 974 333 641	891 2,340 1,067 340 727	912 2,421 1,122 375 747	975 2,549 1,218 412 806	1,022 2,672 1,309 448 861	1,068 2,776 1,441 n.a. n.a.	58 59 60 61 62
94,970 2,665 3,723 1,173 18,200 3,300 1,552 2,336 8,499 29,705 8,499 2,445 92 2,445 92 3,683 12,941 1,495	100,596 2,726 3,768 1,227 19,895 3,627 1,597 2,513 875 31,405 8,467 2,591 2,674 105 3,992 13,427 1,708	109,180 3,076 3,867 1,328 22,738 3,844 1,758 2,849 1,019 33,478 8,608 2,808 2,909 110 4,078 14,928 1,782	119,126 3,342 4,009 1,355 26,045 4,020 1,846 3,081 1,003 36,596 8,819 3,007 3,105 121 4,279 16,240 2,257	131,308 3,538 4,271 1,372 30,985 4,281 1,967 3,273 1,009 38,795 9,344 3,228 3,427 138 4,469 18,447 2,764	144,557 3,907 4,551 1,605 35,609 4,788 2,241 3,636 1,164 40,772 10,203 3,554 3,811 151 14,712 20,897 2,953	158,613 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	13,879 778 539 124 2,493 562 209 449 90 4,665 974 306 479 20 1,513 109	15,071 789 588 132 2,815 635 266 527 89 4,927 1,002 328 538 22 625 1,656 134	16,767 858 601 145 3,303 688 262 625 1111 5,235 1,027 362 589 23 2,122 162	18,484 927 625 150 3,920 726 275 706 108 5,618 1,034 442 648 25 721 2,349 209	20,326 1,015 670 153 4,663 770 286 6772 111 5,899 1,120 494 689 30 761 2,640 254	22,660 1,119 716 180 5,397 869 329 893 149 6,302 1,184 586 761 31 31 3,071 263	25,506 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	5,136 200 176 51 751 162 70 108 31 1,403 295 115 181 2 2 14,309 70	5,397 207 176 544 755 177 76 112 40 1,476 301 126 193 3 231 1,402 68	5,867 219 182 858 858 189 91 141 142 1,620 319 139 223 3 238 1,468	6,106 230 188 59 864 195 96 149 33 1,785 310 243 3 248 1,483 68	6,383 236 199 59 939 203 97 161 37 1,886 325 5 256 1,498 77	6,878 249 200 68 1,051 218 99 201 35 2,064 341 169 268 5 279 1,549	7,427 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 70 71 72 73 74 75 76 77
70,995 15,559 8,512 46,924 13,727 33,196	73,995 15,932 8,613 49,450 14,277 35,172	77,051 16,146 8,897 52,007 14,986 37,021	80,077 16,445 9,277 54,355 15,643 38,712	83,408 17,069 9,311 57,029 16,474 40,555	87,335 17,780 9,290 60,264 17,277 42,987	91,340 18,776 9,300 63,264 n.a. n.a.	9,648 2,155 998 6,495 1,752 4,742	10,247 2,232 1,035 6,979 1,894 5,086	10,744 2,277 1,093 7,374 2,004 5,370	11,388 2,317 1,145 7,926 2,172 5,754	11,925 2,435 1,169 8,322 2,296 6,026	12,585 2,553 1,158 8,874 2,495 6,379	13,143 2,795 1,166 9,182 n.a. n.a.	5,694 1,539 725 3,431 1,645 1,785	5,967 1,619 717 3,631 1,723 1,908	6,292 1,633 762 3,897 1,849 2,048	6,451 1,649 791 4,011 1,882 2,128	6,651 1,677 752 4,222 2,050 2,171	6,895 1,752 715 4,428 2,192 2,236	7,004 1,810 680 4,514 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source [Millions

					Oklahoma							Texas			
Line	ltem .	1993 ′	1994 ′	1995 °	1996 r	1997 r	1998 r	1999 <i>p</i>	1993 r	1994 ′	1995′	1996 r	1997	1998 r	1999 <i>P</i>
1 2	Income by Place of Residence Personal income (lines 4-9) Population (thousands) 2 Personal recognal income (delicat) 3	58,395 3,229	60,800 3,246	63,333 3,266	66,289 3,290	69,865 3,314	73,350 3,339	76,566 3,358	356,784 17,997	377,583 18,338	402,097 18,680	428,726 19,006	464,500 19,355	500,087 19,712	531,675 20,044
4 5 6	Per capita personal income (dollars) 3 Derivation of Personal Income Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4 Plus: Adjustment for residence 5	18,085 41,071 2,390 650	18,730 42,403 2,526 699	19,394 43,409 2,632 727	20,151 45,321 2,736 745	21,080 48,258 2,887 807	21,964 51,096 3,033 836	53,375 3,131 893	19,825 271,857 15,198 –597	20,590 286,929 16,402 -648	21,526 304,128 17,656 -714	22,557 324,926 18,805 –771	23,998 355,691 20,528 -887	25,369 388,314 22,225 -947	26,525 415,277 23,420 -1,016
7 8 9	Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 6 Plus: Transfer payments Earnings by Place of Work	39,331 9,993 9,070	40,575 10,624 9,600	41,505 11,364 10,464	43,330 11,992 10,967	46,178 12,437 11,250	48,899 13,005 11,445	51,137 13,549 11,880	256,061 55,945 44,778	269,878 59,840 47,864	285,758 64,296 52,043	305,349 68,149 55,228	334,277 71,851 58,372	365,141 75,550 59,396	390,840 78,888 61,946
10 11 12 13	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 7 Farm	29,347 5,177 6,548 745	30,313 5,494 6,597 726	31,588 5,440 6,382 171	33,345 5,283 6,693 229	35,419 5,425 7,413 535 6,878	37,773 5,598 7,725 480	39,342 5,705 8,329 631 7,697	200,065 29,823 41,969 3,063	210,800 31,586 44,544 2,491	225,793 31,063 47,273 1,733	242,310 31,186 51,429 1,238	266,406 32,462 56,824 1,823 55,000	293,273 34,246 60,795 1,745	311,827 35,528 67,921 3,729
15 16 17	Nonfarm Earnings by Industry Farm Nonfarm Private	5,803 888 40,183 31,059	5,871 862 41,541 32,325	6,211 334 43,075 33,577	6,463 395 44,926 35,056	712 47,546 37,407	7,245 658 50,438 39,984	824 52,551 41,602	38,905 3,762 268,095 221,567	42,053 3,135 283,794 235,229	2,479 301,649 251,132	1,972 322,953 270,584	2,579 353,112 298,419	59,050 2,511 385,802 328,402	4,539 410,738 350,494
18 19 20 21 22 23 24 25 26	Agricultural services, forestry, fishing, and other s Agricultural services Forestry, fishing, and other s Mining Metal mining Coal mining	235 231 4 2,309 4 37	226 222 4 2,249 3 32	233 230 3 2,153 2	217 215 2 2,279 3 31	234 231 3 2,554 3 30	253 249 3 2,605 2 28	289 n.a. n.a. 2,516 n.a. n.a.	1,738 1,627 110 12,642 13 209	1,638 1,530 108 13,409 16 203	1,753 1,648 105 14,003 23 202	1,753 1,659 94 14,822 25 199	1,966 1,860 106 17,733 25 203	2,183 2,066 116 19,037 16 207	2,507 n.a. n.a. 18,082 n.a. n.a.
	Oil and gas extraction Nonmetallic minerals, except fuels Construction Manufacturing	2,221 47 1,723 6,931	2,161 54 1,963 7,335	2,068 54 2,000 7,500	2,192 53 2,204 7,315	2,467 55 2,282	2,513 62 2,495 8,152	n.a. n.a. 2,780	12,208 212 15,370	12,945 246 17,066 42,360	13,538 240 18,409 44,524	14,365 233 20,587	17,263 241 22,074 49,907	18,535 279 24,651 54,748	n.a. n.a. 26,535
27 28 29 30 31 32 33 34 35 36	Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products	4,181 93 65 313	4,460 106 69 327 181 694	4,540 116 71 325 173 752 1,166	4,300 123 73 323 182 791	7,725 4,567 128 75 325 182 843	4,848 138 78 351 188 898	4,824 n.a. n.a. n.a. n.a. n.a.	22,943 1,024 451 1,189 1,265 2,866	24,673 1,169 480 1,296 1,287 3,100	26,303 1,240 498 1,371 1,254 3,393	46,321 27,750 1,360 507 1,466 1,298 3,626	30,338 1,464 575 1,553 1,377 3,979	34,380 1,674 606 1,684 1,425 4,310	34,508 n.a. n.a. n.a. n.a. n.a.
34 35 36 37 38 39	Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Other transportation equipment Instruments and related products	175 684 1,150 305 659 476 171	1,218 332 886 374 170	987 987 361 161	1,247 341 555 376 165	1,343 405 547 421 168	1,420 454 537 463 181	n.a. n.a. n.a. n.a. n.a.	5,124 4,845 751 3,221 1,641	5,778 5,291 995 2,919 1,627	6,323 5,946 1,101 2,837 1,673	6,551 6,583 679 2,938 2,019	7,349 7,268 746 3,238 1,987	8,988 8,339 842 3,582 2,085	n.a. n.a. n.a. n.a. n.a.
40 41 42 43 44	Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Textile mill products Apparel and other textile products Paper and alfied products	89 2,750 425 (^L) 14 120	104 2,875 440 (^L) 15 122	112 2,960 423 0 15 120	126 3,014 476 (P) (P) 126	128 3,158 535 (P) (P) 126	139 3,304 590 0 15 121	n.a. 3,344 n.a. n.a. n.a. n.a.	567 16,869 2,852 4 104 1,244	730 17,687 2,876 5 98 1,320	668 18,221 3,001 4 105 1,306	724 18,571 3,064 5 103 1,261	802 19,569 3,303 6 115 1,277	845 20,368 3,541 (D) (P) 1,269	n.a. 20,630 n.a. n.a. n.a. n.a.
45 46 47 48 49 50	Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Leather and leather products	145 317 893 365 462 9	151 336 977 345 478 10	154 319 1,137 302 478 13	178 327 1,081 290 510	184 350 1,085 299 552 12	195 366 1,087 336 581 12	n.a. n.a. n.a. n.a. n.a. n.a.	1,036 2,447 5,621 1,991 1,385 185	1,116 2,553 5,995 2,051 1,490 184	1,146 2,561 6,401 1,917 1,601 180	1,211 2,660 6,510 1,888 1,694 176	1,268 2,822 6,772 2,001 1,834 171	1,296 3,063 6,910 2,031 1,957 176	n.a. n.a. n.a. n.a. n.a. n.a.
51 52 53 54 55 56 57	Transportation and public utilities Railroad transportation Trucking and warehousing Water transportation Other transportation Communications	3,367 100 695 5 964 581	3,360 98 770 6 910 636	3,446 95 797 6 941 657	3,733 105 843 6 971 772	3,901 107 898 6 975 872	4,158 (P) 958 (P) 1,043 962	4,150 n.a. n.a. n.a. n.a. n.a.	23,697 916 3,772 580 6,429 5,367	24,850 913 4,113 619 6,950 5,640	26,205 949 4,320 594 7,237 6,336	28,888 970 4,513 622 8,137 7,319	31,915 1,049 5,017 659 8,693 8,562	34,560 1,098 5,514 752 9,511 9,429	37,299 n.a. n.a. n.a. n.a. n.a.
57 58 59 60 61	Electric, gas, and sanitary services Wholesale trade Retail trade Finance, insurance, and real estate Depository and nondepository institutions	1,022 1,923 3,795 2,031 717	1,995 3,978 2,085 729 1,357	2,124 4,182 2,141 717	1,036 2,213 4,381 2,302 768	1,042 2,345 4,584 2,517 858	1,074 2,519 4,826 2,701 913	n.a. 2,648	6,633 17,658	6,615 18,707	6,768	7,326 21,538	7,936 24,050 32,043 25,399 6,578	8,256 27,282 34,531 28,665 7,491	n.a. 29,867 37,208 31,243 n.a.
62 63 64 65 66	Other finance, insurance, and real estate Services Hotels and other lodging places Personal services Personal services	1,314 8,746 136 398 105	1,357 9,133 139 401 108	1,423 9,799 152 404 115	1,534 10,412 153 411 117	1,659 11,266 156 431	1,788 12,276 165 449 135	n.a. 13,064 n.a. n.a.	13,748 67,208 1,552 2,610 893	70,995 1,591 2,603 934	76,747 1,847 2,680 1,009	16,773 84,125 2,032 2,785 1,030	93,332 2,130 2,971 1,043	21,175 102,743 2,373 3,187 1,221	n.a. 112,615 n.a. n.a.
67	Private households Business services Auto repair, services, and parking Miscellaneous repair services Amusement and recreation services Motion pictures	1,379 401 163 183 49	1,479 437 159 194 46	1,672 460 177 210 75	1,844 496 173 211 55	2,241 527 172 216	2,588 582 196 242 59	n.a. n.a. n.a. n.a. n.a. n.a.	13,578 2,176 1,110 1,595 649	14,845 2,378 1,097 1,680 700	16,905 2,507 1,228 1,873 791	19,416 2,603 1,302 2,015 807	23,143 2,782 1,412 2,124 807	26,572 3,120 1,617 2,300 921	n.a. n.a. n.a. n.a. n.a. n.a.
68 69 70 71 72 73 74 75 76	Health services Legal services Educational services Social services Museums, botanical, zoological gardens Membership organizations	3,172 706 248 330 6 526	3,350 682 261 340 6 580	3,572 665 282 369 6 590	3,854 673 297 400 7 615	4,000 703 313 432 7 657	4,237 758 327 473 8 696	n.a. n.a. n.a. n.a. n.a. n.a.	20,465 6,434 1,762 1,455 64 2,374	21,651 6,482 1,877 1,603 75 2,556	23,051 6,598 2,026 1,728 77 2,597	25,339 6,803 2,118 1,814 85 2,694	27,009 7,196 2,264 2,059 96 2,794	28,169 7,920 2,472 2,310 107 2,926	n.a. n.a. n.a. n.a. n.a. n.a.
78 79	Engineering and management services Miscellaneous services Government and government enterprises	796 147 9,125	808 144 9.216	902 147 9,498	944 161 9,869	1,050 190 10,139	1,166 194 10,454	n.a. n.a. 10,950	9,323 1,168 46,528	9,561 1,363 48,565	10,436 1,395 50,517	11,463 1,819 52,369	13,259 2,243 54,693	15,112 2,417 57,401	n.a. n.a. 60,243
80 81 82 83 84 85	Federal, civilian Military State and local State Local	2,338 1,323 5,464 2,013 3,451	2,270 1,273 5,674 2,051 3,622	2,330 1,345 5,823 2,091 3,732	2,434 1,427 6,009 2,151 3,857	2,502 1,399 6,238 2,252 3,986	2,588 1,395 6,471 2,263 4,208	2,729 1,373 6,848 n.a. n.a.	9,528 5,467 31,534 8,317 23,217	9,811 5,588 33,165 8,609 24,556	9,906 5,697 34,914 9,042 25,872	10,045 5,915 36,410 9,437 26,972	10,454 5,991 38,247 9,876 28,371	10,887 6,023 40,491 10,328 30,163	11,442 6,081 42,720 n.a. n.a.

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

of dollars	} 	n	abu Massa.				· · · · · · · · · · · · · · · · · · ·			Colored	· · · -		·- ·- · · ·		·		lalah -		·	1	
1993 °	1994 r	1995 r	ky Mount	1997 °	1998*	1999 <i>p</i>	1993 "	1994 -	1995 -	Colorado 1996 r	1997	1998 r	1999 <i>P</i>	1993 r	1994 *	1995 *	Idaho 1996 *	1997 °	1998 -	1999 <i>P</i>	Line
156,962 7,847 20,003	167,291 8,050 20,782	179,684 8,227 21,841	192,141 8,379 22,930	207,455 8,526 24,332	223,280 8,660 25,783	239,750 8,800 27,244	80,212 3,561 22,526	85,860 3,654 23,498	92,947 3,738 24,865	100,012 3,813 26,231	109,228 3,891 28,070	119,044 3,969 29,994	128,489 4,056 31,678	20,105 1,101 18,258	21,399 1,135 18,846	22,869 1,165 19,630	24,173 1,188 20,353	25,440 1,211 21,013	27,177 1,231 22,079	29,346 1,252 23,445	1 2 3
116,438 6,570 262 110,130 28,208 18,623	123,392 7,155 287 116,524 31,334 19,433	131,583 7,680 322 124,225 34,274 21,184	140,581 8,156 367 132,791 36,959 22,391	151,728 8,780 399 143,347 40,848 23,260	164,535 9,436 433 155,533 43,702 24,046	178,155 10,121 460 168,494 46,180 25,076	60,643 3,318 93 57,417 14,281 8,515	64,425 3,617 97 60,906 16,028 8,926	69,305 3,904 104 65,505 17,572 9,870	74,738 4,181 106 70,664 18,976 10,373	81,826 4,546 110 77,390 21,047 10,792	90,240 4,984 111 85,367 22,578 11,098	98,325 5,399 109 93,035 23,881 11,573	14,560 817 182 13,926 3,554 2,626	15,393 900 204 14,697 3,925 2,777	16,199 949 230 15,480 4,377 3,012	16,966 987 260 16,238 4,650 3,285	17,685 1,044 293 16,935 5,109 3,395	18,941 1,097 322 18,166 5,460 3,552	20,678 1,180 344 19,841 5,779 3,726	4 5 6 7 8 9
86,399 13,551 16,489 2,576 13,912	92,829 14,415 16,148 1,014 15,134	99,997 14,341 17,245 1,047 16,197	107,532 14,634 18,415 1,140 17,274	116,559 15,661 19,509 782 18,726	127,091 16,319 21,125 1,111 20,014	137,513 17,069 23,573 1,937 21,636	45,778 7,059 7,806 637 7,168	48,992 7,475 7,959 219 7,740	52,874 7,394 9,037 230 8,807	57,205 7,560 9,974 328 9,646	62,545 8,477 10,804 265 10,539	69,535 8,926 11,780 390 11,390	75,956 9,346 13,023 629 12,394	9,991 1,591 2,978 839 2,139	10,916 1,725 2,752 409 2,342	11,725 1,714 2,760 496 2,264	12,316 1,728 2,922 584 2,337	13,120 1,750 2,815 311 2,504	13,966 1,799 3,176 531 2,645	15,136 1,903 3,639 807 2,832	10 11 12 13 14
3,227 113,211 89,770 818 778 40 3,133 507 652 1,586 388 7,627	1,835 121,557 97,251 818 778 39 3,328 478 665 1,758 426 8,940	1,919 129,665 104,418 843 806 37 3,378 550 681 1,729 418 9,408	1,990 138,591 112,382 894 856 37 3,319 559 679 1,698 382 10,354	1,760 149,968 122,219 999 961 38 3,725 568 711 2,044 402 11,228	2,082 162,453 133,533 (P) 43 (P) 554 719 (P) 419 12,531	2,991 175,164 144,940 (P) n.a. n.a. (P) n.a. n.a. n.a. 13,820	842 59,801 48,085 373 369 3,1,286 188 187 863 49 3,919	482 63,943 51,841 390 386 3 1,385 141 196 987 60 4,508	512 68,792 56,278 414 411 3 1,435 161 200 1,007 67 4,659	610 74,128 61,219 449 447 1,458 177 190 1,027 65 5,232	600 81,226 67,302 507 505 2 1,680 188 197 1,225 71 5,714	720 89,521 75,042 580 576 3 1,771 189 207 1,293 83 6,655	990 97,335 82,264 677 n.a. 1,692 n.a. n.a. n.a. 7,434	1,065 13,495 10,798 199 181 17 121 48 3 3 67 1,150	694 14,699 11,853 199 183 16 151 57 5 4 85 1,342	796 15,403 12,433 200 187 13 145 75 3 61 1,383	876 16,090 12,951 204 193 11 158 84 5 2 67 1,426	648 17,037 13,757 227 215 12 159 84 (D) (D) 67 1,499	867 18,074 14,625 (P) 14 (P) 82 6 (P) 70 1,553	1,171 19,506 15,841 (P) n.a. n.a. (P) n.a. n.a. n.a. 1,691	15 16 17 18 19 20 21 22 23 24 25 26
14,528 9,475 1,249 223 555 554 736 2,102 1,227 257 2,172 1,126 334 5,054 1,794 (1) 17 183 323 1,288 216 323 36 36 36 36 36 36 36 36 36 36 36 36 36	15,399 10,193 1,366 250 617 523 806 2,274 1,407 326 1,081 1,158 388 388 5,205 1,797 (L) 19 185 338 1,401 812 221 365	16,192 10,937 1,300 280 642 5555 873 2,429 1,617 390 1,166 1,275 1,838 (L) 24 1,475 24 1,475 695 200 428 66	17,186 11,706 1,323 310 764 609 918 2,726 61,642 395 1,223 1,347 449 5,480 1,879 20 190 357 1,558 703 213 491 69	18,333 12,486 1,367 784 595 983 2,983 1,791 472 472 2,029 (-1) 193 393 1,652 296 70	19,506 13,384 1,416 640 1,054 3,324 466 1,301 1,511 477 6,122 2,068 (L) 1,942 1,201	20,188 13,926 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	7,368 4,709 134 106 343 213 403 1,300 613 48 539 2,659 2,659 (L) (P) (P) (P) 820 418 46 206 53	7,578 4,907 155 114 377 171 171 171 1425 1,393 887 135 2,671 901 9 (P) (P) 893 344 46 233 254	7,990 5,262 157 137 378 155 469 1,473 768 84 582 926 0 111 934 112 934 287 42 264	8,533 5,764 1773 156 472 155 489 1,612 852 90 652 968 2,769 931 0 0 9 97 118 977 220 44 315 59	9,170 6,256 187 184 484 154 519 1,802 946 113 697 1,018 152 2,914 973 10 10 11 1132 1,033 2552 48 305 60	9,915 6,822 207 199 536 150 560 2,023 1,067 118 723 1,086 1,033 1,028 1,117 105 138 1,117 280 53 305 56	10,291 7,153	2,514 1,570 667 14 37 7 69 376 323 23 24 44 474 (F) 1 7 7 123 1198 198 11 21 1 21	2,850 1,873 756 43 43 86 425 440 28 33 31 14 17 977 485 (L) 119 210 210 210 26 6	2,928 2,048 726 29 46 9 92 448 582 32 45 489 (L) (L) 114 122 116 122 116 123 114	2,938 2,034 726 10 95 510 498 32 498 497 244 417 294 113 115 129 113 3	3,094 2,118 740 37 47 9 101 525 533 35 43 22 22 975 558 (1) 120 120 120 134 120 133 33	3,242 2,255 758 41 49 100 101 578 38 47 7 27 987 987 126 142 125 1 132 2 3	3.475 2.452 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 50
9,972 834 1,954 7 2,032 3,128 2,016	10,535 840 2,081 9 2,110 3,329 2,167	11,378 870 2,172 7 2,042 3,971 2,317	12,355 888 2,233 9 2,187 4,440 2,598	13,287 866 2,401 11 2,349 4,908 2,752	14,429 (P) 2,576 (P) (P) 5,667 2,789	15,667 n.a. n.a. n.a. n.a. n.a.	5,615 254 796 2 1,230 2,469 865	5,939 270 831 2 1,251 2,640 945	6,621 276 866 2 1,190 3,251 1,036	7,416 274 891 2 1,291 3,691 1,267	8,049 236 935 3 1,415 4,111 1,350	8,888 (P) 1,006 (P) (P) 4,771 1,374	9,935 n.a. n.a. n.a. n.a. n.a.	947 107 277 5 112 137 309	994 105 301 5 127 144 312	1,056 108 321 4 132 148 343	1,112 109 331 4 138 150 379	1,178 107 359 4 141 161 404	1,263 (P) 382 5 (P) 193 422	1,319 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
6,124 11,230 7,673 2,274 5,399	6,660 12,298 8,020 2,332 5,688	7,192 13,076 9,043 2,406 6,637	7,770 13,892 9,979 2,726 7,253	8,436 14,954 11,323 3,068 8,255	9,166 15,858 12,967 3,609 9,358	9,981 17,196 14,425 n.a. n.a.	3,373 5,634 4,595 1,205 3,389	3,682 6,159 4,711 1,179 3,532	3,989 6,588 5,434 1,222 4,212	4,305 7,036 6,016 1,368 4,649	4,763 7,614 6,919 1,552 5,367	5,208 8,119 8,092 1,881 6,212	5,656 8,870 9,126 n.a. n.a.	724 1,456 709 224 485	791 1,567 757 246 511	841 1,613 806 250 556	910 1,704 842 305 538	962 1,804 895 297 598	1,032 1,917 993 329 664	1,155 2,085 1,090 n.a. n.a.	58 59 60 61 62
28,665 1,131 1,029 220 5,407 1,008 444 1,188 311 8,365 1,730 866 845 27 1,545 4,141 408	31,253 1,186 1,122 231 1,150 481 1,308 276 8,881 1,803 959 940 28 1,695 1,695 4,410 479	33,910 1,339 1,084 251 1,205 515 1,457 362 9,435 1,008 1,048 31 1,048 4,933 568	36,633 1,419 1,158 256 7,988 1,276 519 1,584 396 10,172 1,905 1,167 36 1,843 5,258 583	39,934 1,508 1,224 259 9,519 1,373 530 1,673 397 10,714 2,017 1,165 1,279 42 1,922 5,623 689	44,148 1,653 1,308 302 11,380 1,528 580 1,820 407 11,272 2,161 1,253 1,416 (P) 2,013 6,291	48,745 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	15,923 620 549 128 3,411 506 208 795 155 4,279 1,053 365 435 18 18 637 2,557 2,557	17,490 645 592 135 4,069 577 227 897 132 4,535 1,096 409 480 18 18 715 2,705 260	19,149 751 592 146 4,665 618 247 162 4,837 1,110 540 19 79 2,982 326	20,774 795 655 150 5,232 656 246 1,054 1,82 5,167 1,139 485 596 21 3,250 3,250	22,886 844 690 152 6,370 705 250 1,120 195 5,439 1,208 647 25 33 647 25 33 3,464 407	25,813 926 753 178 7,852 792 279 1,247 203 5,719 1,275 590 7111 30 3,945 431	28,582 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	2,978 99 118 255 359 129 60 971 152 84 95 1 94 95	3,201 106 127 27 406 146 66 75 17 1,047 164 89 114 1 106 630 78	3,461 121 121 29 421 148 68 95 20 1,116 160 92 130 1 110 772 56	3,657 124 120 30 466 152 66 108 23 1,235 168 95 145 11 121 741	3,939 126 130 30 30 545 164 68 127 20 1,313 178 102 167 1 129 769 70	4,222 136 134 355 614 179 75 115 27 1,381 188 107 189 (P) 140 829	4,616 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
23,441 6,227 2,754 14,460 4,899 9,561	24,305 6,387 2,623 15,296 5,224 10,071	25,246 6,426 2,598 16,221 5,554 10,667	26,209 6,407 2,660 17,142 5,905 11,237	27,749 6,632 2,631 18,487 6,116 12,371	28,920 6,753 2,687 19,481 6,432 13,049	30,224 6,990 2,730 20,504 n.a. n.a.	11,716 3,007 1,712 6,997 2,116 4,881	12,102 3,105 1,625 7,371 2,274 5,098	12,514 3,104 1,589 7,821 2,424 5,397	12,909 3,100 1,605 8,204 2,545 5,659	13,925 3,244 1,570 9,111 2,649 6,462	14,479 3,268 1,604 9,606 2,789 6,817	15,071 3,307 1,623 10,141 n.a. n.a.	2,697 617 261 1,819 658 1,161	2,846 654 233 1,959 706 1,252	2,970 644 227 2,099 746 1,353	3,139 664 240 2,235 790 1,446	3,280 683 264 2,332 800 1,532	3,448 711 275 2,463 842 1,621	3,666 740 281 2,645 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source

					Mantana							l bab			[Millions
Line	ltem	1993 -	1994 -	1995 r	Montana 1996	1997 -	1998 -	1999 <i>p</i>	1993 "	1994	1995 -	Utah 1996 r	1997	19987	1999 <i>P</i>
	Income by Place of Residence	1333	1004	1333	1330	1997	1000	1999.	1000	1004	1990	1990	1997	1000	1330-
1 2	Personal income (lines 4-9)	15,178 840	15,499 855	16,297 869	16,992 877	17,688 879	18,671 880	19,699 883	31,950 1,876	34,579 1,930	37,278 1,977	40,354 2,022	43,770 2,065	46,717 2,101	49,745 2,130
3	Per capita personal income (dollars) 3 Derivation of Personal Income	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
4 5	Earnings by place of work (lines 10-14 or 15-85) Less: Personal contributions for social insurance 4	10,189 641	10,269 684	10,600 717	10,984 748	11,348 779	12,009 813	12,723 849	24,338 1,396	26,394 1,532	28,445 1,673	30,777 1,793	33,297 1,942	35,540 2,055	37,966 2,179
6	Plus: Adjustment for residence Sequence	-5 9,543	-1 9,584	9.885	10.240	-7 10,562	-4 11,193	-3 11,870	22,951	24,869	26,778	17 29,000	19 31,374	23 33,508	28 35,815
8	Plus: Dividends, interest, and rent 6 Plus: Transfer payments	3,147 2,488	3,334 2,581	3,628 2,784	3,857 2,895	4,193 2,934	4,415 3,063	4,634 3,194	5,180 3,819	5,802 3,908	6,293 4,206	6,909 4,445	7,701 4,696	8,351 4,857	8,876 5,054
Ĭ	Earnings by Place of Work	2,.00	2,00	,,,,,,	1 2,000	2,00	0,000	0,.0.	5,5.0	5,000	,,200	,,,,,	.,,,,,	1,00	0,00
10	Components of earnings: 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 12 13	Other labor income Proprietors' income 7 Farm	1,126 2,125 667	1,196 1,746 225	1,191 1,728 227	1,216 1,646 153	1,213 1,614 35	1,247 1,756 107	1,288 1,951 215	3,022 2,469 241	3,231 2,660 127	3,281 2,695 73	3,382 2,896 75	3,482 3,134 73	3,596 3,339 95	3,753 3,631 102
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
15	Earnings by Industry Farm	767	350	359	279	173	244	363	309	212	162	162	172	193	207
16 17	Nonfarm Private	9,422 7,166 107 95 12 258 93 62 73	9,919 7,573 92	10,242 7,858 84	10,706 8,216 78	11,175 8,642	11,765 9,146 95 85	12,359 9,649	24,029 18,955	26,182 20,915	28,283 22,704	30,615 24,759	33,125 26,946	35,347 28,872	37,759 30,975
18	Agricultural services, forestry, fishing, and other 8	107 95	80	84 75 9	78 72 7	86 78	95 85	105 n.a.	18,955 86 83 2	87 85 3	99 92	115 102 13	128 117	140 130	158 n.a.
18 19 20 21 22 23 24	Forestry, fishing, and other 8	258	12 262 101 60 72 30	293 120 67	287	305	296	293	396 147	400	411	405 405	436 161	10 431	n.a. 395
23	Metal mining Coal mining Oil and gas extraction	62 72	60	67 75	108 62 84	305 98 (£) 35	296 93 69 97	n.a. n.a.	119 97	400 149 118 95 38	165 120 93	123	135 103 38	153 129 108	п.а. п.а. п.а.
25 26	Nonmetallic minerals, except fuels Construction	31 628	30 718	75 31 730	33 785	35 843	36 903	n.a. n.a. 931	34 1,488	38 1,854	34 2,121	405 161 123 86 35 2,362	38 2,588	40 2,783	n.a. 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 29	Durable goods Lumber and wood products	496 313	494 297	494	523	545 275	633 286	598 n.a.	2,564 93 90	2,769 113 98	2,975 109	3,204 120	3,383 126 120	3,480 127	3,520 n.a.
30 31	Furniture and fixtures Stone, clay, and glass products	11 31	13 35	12 36	12 37	15 37	16 39	n.a. n.a.	123	98 138 300	100 159	107 182	187	132 207	n.a. n.a.
32 33 34 35 36 37	Primary metal industries	43 17 22 6	35 33 19	269 12 36 42 21 42 9	57 23 52 7	55 25 59 9	115 25 61	n.a. n.a.	281 234	300 260	332 275	349 293 515	344 319	330 344	n.a. n.a.
34 35	Industrial machinery and equipment Electronic and other electric equipment	22 6	30 7	42 9		59 9	17	n.a. n.a.	370 282	389 282	429 250 265 524	277	561 296	626 280	n.a. n.a.
36 ; 37	Motor vehicles and equipment Other transportation equipment	6	6	6 10 11	6 9	11	8 11	n.a. n.a.	178 538	260 389 282 225 524 244	265 524	264 513	298 510	300 514	n.a. n.a.
38 39 40	Instruments and related products Miscellaneous manufacturing industries	9 32	10 35 288 71	37	11 40	11 40	12 42 317	n.a. n.a. 330	219 154 995	196	326 206	513 348 237 1,284	373 250 1,416	373 248 1,475	n.a. n.a.
41	Nondurable goods Food and kindred products	32 277 68 (L) (D) (D) 40	200 71 (E)	70 (L)	294 73 (L)	309 76 (^L)	75 (L)	n.a.	296	1,085 312	1,185	340	394 0	390	1,515 n.a. n.a.
43 44	Tobacco products Textile mill products Apparel and other textile products	(0)	(0)		[2]	11	75 (L) (P) 10	n.a. n.a. n.a.	296 (L) (P) 79 66	(P)	11 69	j ģ	. 8	11	n.a. n.a.
42 43 44 45 46	Paper and allied products Printing and publishing	40 66	(L) (D) (P) 41 69 30	287 70 (L) (L) 11 42 70 32 53 8	41 73		(^D) 81	n.a. n.a.	247	(P) 78 70 277	69 76 311	72 83 342 240 65	70 94 94 372	68 98 391	n.a. n.a.
47 48	Chemicals and allied products Petroleum and coal products	66 29 56	30 56	32 53	41 73 26 60	45 75 27 62 9	32 63	n.a. n.a.	148 66	175 70	206 62	240 65	372 263 70	285 75 153	n.a. n.a.
49 50	Rubber and miscellaneous plastics products	6 (P)	(^D)	8 2	9 2	9 2	9	n.a. n.a.	148 66 83 (P)	175 70 93 (P)	121 3	131 4	142	153 3	n.a. n.a.
51	Transportation and public utilities	850	886	892	886	924 184	970	1,012	1,912	2,060 130	2,160	2,297	2,467	2,612	2,689
52 53 54 55 56 57	Railroad transportation Trucking and warehousing Water transportation	168 215	160 229	892 163 233 (^L) 129	176 228	249	192 268	n.a. n.a. n.a.	133 513 (L)	570	132 615	2,297 134 655	139 722 2	145 776	n.a. n.a. n.a.
55 56	Other transportation Communications	117 133	129 138	129 141	130 140	133 143	141 158	n.a. n.a.	509 319	538 334	522 363	556 390 562	588 420	626 462	n.a. n.a. n.a.
57	Electric, gas, and sanitary services	216	230	225	211	214	210	n.a.	439	488	527		596	600	n.a.
58 59	Wholesale trade	503 1,173	532 1,237 518	552 1,268	572 1,310	590 1,366	619 1,415	659 1,495	1,317 2,346	1,437 2,673	1,577 2,916	1,745 3,151	1,863 3,452	2,037 3,649	2,232 3,938
60 61	Finance, insurance, and real estate Depository and nondepository institutions	506 171	177	1 179	600 193	646 206	709 231	774 п.а.	1,578 579	1,725 635	1,940 663	2,192 760	2,503 907	2,793 1,052	2,987 n.a.
62	Other finance, insurance, and real estate	335	341	377	407	440	478	п.а.	999	1,090	1,278	1,431	1,596	1,740	n.a.
63 64 65 66 67 68 69 70	Services Hotels and other lodging places	2,369 105	2,547 113 102	2,702 124	2,880 134	3,030 133	3,190 143 103	3,451 n.a.	6,273 200	6,825 210 243	7,319 220 218	8,005 242	8,710 274 246	9,472 308 257	10,486 n.a. n.a.
66 67	Personal services Private households Business services	2,309 105 93 22 229 101	23 267	124 96 25 292 116	96 25 322 122	133 100 25 362 128 53	29	n.a. n.a. n.a.	213	34 1,415	37	231 37	วอ	237 44 2.343	п.а. п.а. п.а.
68 68	Auto repair, services, and parking Miscellaneous repair services	101	l 115	116 51	122 50	128	29 372 138 56	n.a. n.a.	1,267 219 94	251	1,586 264 113	288	313	350 138	n.a. n.a.
70 71	Amusement and recreation services Motion pictures	49 90 31	52 97 20	103 25	109	110 28	113 26	n.a. n.a.	177 96	251 102 193 94	221 143	1,809 288 121 252 150	125 273 143	299 140	n.a. n.a.
72 73	Health services Legal services	948 136	1,008 142	1,065 139	1,143 149	1,178 161	1,232 172	n.a. n.a.	1,856 308	1 948	2,047 341 391	2,236 350	2,383 373	2,522 422	n.a. n.a.
74 75	Educational services Social services	948 136 54 116	59 122	63	68 150	73 160 3	79 180	n.a. n.a.	342 139	327 381 154 3	391 171	406 197	435 224	453 247	n.a.
72 73 74 75 76 77 78 79	Museums, botanical, zoological gardens	139	141	134 2 148	159	3 165	3 174	n.a. n.a.	632	688	4 686	7 717	742	9 767	n.a. n.a.
78 79	Engineering and management services Miscellaneous services	214 39	240 43	260 58	272 47	165 294 57	312 58	п.а. п.а.	621 73	703 79	772 103	853 108	939 128	1,044 128	n.a. 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 82	Federal, civilian	2,256 614 240	653 229	235	656 237	671 222	689 228	724 234 1,752	1,646 369	1,623 362	1,678 361	1,626 381	1,664 377	1,702 379	1,815 387 4,582
82 83 84	State and local State	1,403 534 869	1,464 548 915	2,384 644 235 1,505 556 949	1,596 605	1,640 612	1,702 637	n.a.	3,059 1,264	3,282 1,358	3,541 1,479	3,850 1,621 2,229	4,138 1,697	4,395 1,790	n.a.
85	Local	869	915	949	991	1,028	1,065	п.а.	1,795	1,923	2,062	2,229	2,442	2,605	n.a.

and Earnings by Industry $^{\rm 1}$, 1993–99–Continued of dollars]

of dollars	·1		Wyoming							Far West							Alaska			ļ	
1993 -	19947	1995 r	1996	1997 <i>r</i>	1998 r	1999 <i>P</i>	1993 "	1994	1995_*	1996	1997 '	1998 '	1999 <i>P</i>	1993 *	1994 r	1995 -	1996 r	1997"	1998 r	1999 <i>P</i>	Line
9,515 469 20,287	9,954 475 20,957	10,293 478 21,514	10,609 480 22,098	11,329 480 23,601	11,671 480 24,312	12,471 480 26,003	969,886 42,568 22,784	1,005,357 42,970 23,397	1,057,453 43,374 24,380	1,116,779 43,872 25,456	1,190,198 44,539 26,723	1,268,742 45,202 28,068	1,358,300 45,832 29,637	14,789 597 24,772	15,168 601 25,253	15,513 601 25,798	15,762 605 26,057	16,433 609 26,990	17,124 615 27,835	17,670 620 28,523	1 2 3
6,708 398 -17 6,293 2,047 1,176	6,911 423 -20 6,468 2,245 1,241	7,034 437 -20 6,577 2,404 1,312	7,116 447 -19 6,650 2,567 1,393	7,572 468 –17 7,087 2,799 1,443	7,804 487 -18 7,299 2,898 1,475	8,464 514 -18 7,931 3,011 1,529	706,595 41,623 -798 664,174 177,510 128,202	728,526 43,657 -834 684,034 188,517 132,805	758,325 45,660 -891 711,774 205,915 139,763	802,129 47,530 -986 753,613 217,538 145,629	862,733 50,444 -1,064 811,224 231,447 147,527	929,102 53,965 -1,151 873,986 243,325 151,432	1,007,077 58,282 -1,283 947,511 253,867 156,922	12,054 586 -738 10,730 2,244 1,815	12,219 615 -755 10,849 2,454 1,865	12,333 632 -758 10,943 2,623 1,948	12,389 639 -772 10,979 2,695 2,088	12,660 660 -769 11,231 2,932 2,270	13,112 685 -813 11,614 3,069 2,441	13,340 691 -823 11,827 3,188 2,656	4 5 6 7 8 9
4,846 752 1,110 192 918	5,091 788 1,032 34 998	5,247 761 1,026 23 1,003	5,392 747 977 (^L) 977	5,691 740 1,141 97 1,044	5,979 751 1,074 -12 1,086	6,356 780 1,328 183 1,144	525,355 82,651 98,590 5,954 92,636	543,566 85,273 99,687 5,151 94,536	573,178 81,870 103,277 4,313 98,965	610,672 80,856 110,602 4,873 105,728	660,535 82,854 119,343 5,147 114,196	717,163 86,075 125,863 4,518 121,345	780,274 90,995 135,809 4,577 131,232	8,943 1,768 1,343 8 1,335	9,162 1,781 1,275 11 1,265	9,270 1,708 1,356 12 1,344	9,379 1,720 1,290 12 1,278	9,630 1,671 1,358 16 1,342	10,027 1,679 1,406 13 1,393	10,172 1,677 1,491 13 1,478	10 11 12 13 14
244 6,464 4,765 54 49 5 1,071 30 207 442 315 136 42	98 6,813 5,069 50 44 6 1,130 31 286 599 214 518	90 6,944 5,145 46 42 4 1,094 29 288 551 225 516 333 158 39 2	64 7,052 5,236 48 43 5 1,011 29 299 500 182 548 410	168 7,404 5,572 52 47 5,1145 366 611 191 584 417 184 39	58 7,746 5,849 57 51 6 1,153 36 308 620 189 637 445 194	259 8,204 6,212 65 n.a. n.a. n.a. n.a. 708 458 203	9,947 696,648 564,662 7,826 6,553 1,273 4,037 818 130 2,572 517 37,148 105,621 72,679	9,326 719,200 583,421 7,497 6,317 1,180 3,942 ,822 115 2,469 537 40,206	9,060 749,265 610,129 7,660 6,613 1,046 3,958 896 2,395 550 41,634 110,195 76,239	10,215 791,913 650,544 7,632 6,883 748 4,179 988 116 2,500 575 44,643 116,055 81,079	10,718 852,015 705,721 8,508 7,602 906 4,479 1,013 123 2,739 604 49,110 127,130 90,419	10,498 918,604 765,763 9,289 8,335 954 (P) 2,742 659 (P) 135,920 97,517	11,389 995,688 835,187 10,240 n.a. n.a. (P) n.a. n.a. n.a. (D)	12 12,041 7,670 296 25 271 861 59 11 784 7 813 652 188 149	15 12,203 7,902 209 24 1855 899 61 (P) 819 (P) 899 629 186 140	17 12,317 8,052 205 26 179 880 62 (D) 926 641 193	177 12,372 8,041 177 27 151 878 878 (P) 910 601 181	22 12,638 8,316 195 28 167 875 876 16 760 13 920 583 182	19 13,093 8,750 195 30 165 (P) 823 (P) 566 164 92 3	19 13,321 8,940 222 n.a. n.a. (P) n.a. n.a. (P) 569 172	15 16 17 18 19 20 21 22 23 24 25 26
42 1 21 21 23 5 2 1 5 3 3 3 12 8 (上) 2 (上) 42 1 5 47 7 1	45 2 2 1 1 1 1 1 2 5 3 2 2 5 3 5 4 2 8 0 色 2 色 2 5 3 4 8 8 0 色 2 色 2 5 3 4 8 8 1	39 223 17 17 37 9 2 5 3 3 4 17 5 7 0 1 2 (J.) 35 4 42 9 1	181 37 39 17 37 7 26 3 4 228 28 20 4 3 10 44 9 1	39 39 39 33 19 6 8 2 2 5 5 4 233 28 0 1 3 195 45 10 1	39 4 31 34 23 5 8 2 6 5 6 250 7 0 0 3 0 11 11 49 11 1 1	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	5,501 1,654 2,384 5,366 12,067 12,411 1,798 15,797 11,411 1,751 32,943 8,792 2,550 3,339 3,020 4,242 2,014 2,631 161	5,771 1,693 2,655 5,725 5,725 12,654 12,905 2,118 14,771 11,291 34,074 8,947 3 614 3,468 3,069 8,489 4,461 2,053 2,807 163	5.588 1,705 2,665 2,461 5,956 13,994 14,605 13,653 11,317 2,131 33,956 8,697 3,597 3,091 8,510 1,861 2,916 2,916	5.574 1.805 2.872 2.724 15,093 16,305 2.113 14,016 12,125 2.309 34,976 9,046 3 615 3,715 3,715 3,715 1,836 3,087 1,836 3,087 1,836	5,912 2,949 2,884 6,500 17,839 18,876 2,279 15,415 13,194 36,711 9,431 3,245 9,046 4,939 1,948 3,349 1,948 3,349	5.985 2.361 3.(1,69) 6.933 19,293 6.933 19,72,61 8.316 3.298 9.72,61 8.316 3.298 9.5149 2.208 9.5149 191	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	149 15 2 5 5 1 ① 7 2 1 464 30 ① ① 2 469 43 127 2 ①	140 26 26 6 6 0 0 8 2 2 433 29 0 0 1 0 50 0 29 2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	134 26 33 11 10 4 4 (L) 9 3 2 448 301 (D) 1 (D) 5 (D) 1 1 1	111 26 16 13 122 12 20 420 274 (L) (L) (L) (L) (L) (L) (L) (L) (L) (L)	140年99年9月22ma458年9月2日 848840	92 3 8 9 10 12 1 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a.	29 30 31 32 33 34 35 37 38 39 40 41 42 43 44 45 46 47 48 49 50
647 171 154 (^L) 64 71 187	657 175 150 (^L) 65 73 192	649 190 137 (^L) 68 67 187	644 195 128 (^L) 72 68 180	668 199 136 1 72 73 187	696 (P) 144 (P) (P) 84 183	712 n.a. n.a. n.a. n.a. n.a.	44,261 1,341 8,042 1,933 12,324 11,964 8,656	46,205 1,268 8,675 2,025 13,036 12,494 8,706	48,155 1,275 9,012 2,066 13,409 13,722 8,672	51,189 1,310 9,137 2,155 14,083 14,985 9,519	55,419 1,351 10,014 2,317 14,908 16,595 10,233	58,221 1,415 10,745 (P) (P) 17,353 10,654	63,147 n.a. n.a. n.a. n.a. n.a.	1,129 0 129 (P) (P) 208 162	1,181 0 132 (P) (D) 202 164	1,160 0 135 91 579 199 156	1,148 0 130 92 564 203 159	1,222 0 141 85 606 225 164	1,308 0 147 88 651 244 178	1,328 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
208 621 285 94 190	219 662 309 96 213	232 691 306 92 214	238 691 329 99 230	259 717 361 106 254	271 759 381 116 265	280 808 447 n.a. n.a.	40,167 64,993 54,958 15,806 39,152	42,420 67,982 54,022 15,391 38,631	45,032 70,830 55,769 14,634 41,135	47,408 73,858 60,697 16,203 44,494	50,665 78,391 68,825 18,105 50,720	54,953 83,820 77,783 21,077 56,707	58,890 90,927 85,020 n.a. n.a.	319 998 428 147 281	333 1,059 443 157 287	337 1,109 456 150 306	342 1,112 462 151 311	348 1,144 494 160 335	381 1,173 528 171 357	373 1,237 569 n.a. n.a.	58 59 60 61 62
1,122 106 56 56 12 140 53 33 57 11 312 80 21 4 42 117 16	1,189 113 59 13 145 60 34 46 13 343 74 21 70 4 4 45 132 19	1,279 122 56 14 147 59 36 61 11 370 88 82 21 74 44 147 25	1,317 124 566 14 158 59 35 59 35 11 391 79 54 44 142 23	1,370 131 58 14 178 64 35 35 343 11 400 97 23 82 5 47 156 27	1,451 140 61 16 16 198 68 33 346 11 418 105 24 90 5 49 161 28	1,610 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	205,651 10,495 6,914 2,408 38,149 6,542 30,027 8,476 9,693 54,282 15,919 5,965 5,686 239 6,002 28,840 3,014	213,165 11,002 6,943 2,481 41,274 7,041 3,092 8,511 9,636 55,453 15,788 6,393 6,065 258 6,351 29,611 3,267	226,896 11,819 7,035 2,650 47,135 7,213 3,185 9,262 11,215 56,233 15,966 6,813 6,563 272 6,313 31,986 3,233	244,885 12,407 7,183 2,679 55,519 7,488 3,235 10,084 12,509 59,172 16,689 7,156 6,815 2,95 2,95 33,562 3,494	263,195 12,812 7,646 2,701 65,070 7,830 3,196 10,432 13,187 61,060 17,659 7,692 7,225 328 6,807 35,477 4,073	287,268 13,870 8,009 3,156 75,594 8,557 3,415 11,245 13,973 64,238 18,687 8,299 7,953 3,129 7,129 38,631 4,132	319,180 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	2,174 128 73 16 324 78 44 60 22 576 137 39 136 2 2 136 329 76	2,250 134 74 16 323 86 56 70 16 598 130 41 132 2 2 2 157 328 87	2,338 140 74 17 320 92 66 80 16 621 129 40 140 2 2 161 364 78	2,411 145 77 17 327 89 70 89 15 671 115 48 149 2 2 174 355 65	2,535 145 79 117 370 89 62 85 13 721 119 56 159 2 169 365 82	2,721 153 80 (P) 398 95 66 93 14 755 121 60 172 (P) 186 423 80	2,847 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
1,698 343 172 1,182 327 855	1,744 351 173 1,220 338 882	1,799 357 187 1,256 349 907	1,816 362 197 1,257 345 912	1,833 370 196 1,266 359 908	1,898 383 200 1,314 374 940	1,993 404 205 1,383 n.a. n.a.	131,987 25,083 16,953 89,951 24,644 65,306	135,780 25,651 16,007 94,122 26,039 68,083	139,136 25,461 15,220 98,455 27,312 71,144	141,369 25,484 15,509 100,376 27,212 73,164	146,294 25,877 15,236 105,181 28,439 76,741	152,841 26,491 15,006 111,343 29,670 81,674	160,501 27,554 15,026 117,921 n.a. n.a.	4,372 1,032 1,053 2,287 1,007 1,279	4,301 991 952 2,359 1,033 1,326	4,264 992 899 2,374 1,029 1,345	4,331 1,044 931 2,356 1,019 1,337	4,322 1,072 918 2,333 1,004 1,330	4,343 1,094 932 2,318 1,004 1,313	4,381 1,127 928 2,326 n.a. n.a.	80 81 82 83 84 85

Table 5.—Personal Income by Major Source

		Ι			California							Hawaii			
Line	Item	1993 r	1994 r	1995 r	19967	1997 r	1998 *	1999 <i>p</i>	19937	19947	1995	1996 r	1997 '	19987	1999 <i>P</i>
	Income by Place of Residence	1000	1001				1000	.000			-,000				
1	Personal income (lines 4-9)	714,107 31,147	735,104 31,317	771,470 31,494	812,404 31,781	862,756 32,218	920,452 32,683	988,339 33,145	29,068	29,740 1,174	30,202 1,180	30,393 1,184	31,278 1,189	31,856 1,190	33,006 1,185
3	Population (thousands) ²	22,927	23,473	24,496	25,563	26,779	28,163	29,819	1,162 25,026	25,335	25,584	25,661	26,299	26,759	27,842
4	Derivation of Personal Income 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
7	Plus: Adjustment for residence 5	78 489,473	119 501,152	144 520,675	161 549,679	125 591,419	135 638,332	81 695,532	21,003	21,088	21,020	0 21,087	21,623	22,043	0 22,930
8	Plus: Dividends, interest, and rent 6	129,798 94,836	136,049 97,903	148,704 102,091	156,465 106,260	164,734 106,603	172,732 109,388	179,668 113,139	5,072 2,992	5,406 3,245	5,539 3,643	5,584 3,723	5,889 3,766	6,019 3,794	6,162 3,914
	Earnings by Place of Work	04,000	01,000	102,00	100,200	100,000	100,000	110,100	2,002	٠,,٥	0,010	0,,,20	0,. 00	0,70	0,011
10	Components of earnings: 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 13 14	Proprietors' income 7	75,080 4,451	76,272 4,239	79,897 3,598	85,889 3,779	93,017 4,459	97,916 3,751	106,294 4,227	2,397	2,313 2	2,355 3	2,315	2,421	2,476 1	2,609 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
15	Earnings by Industry Farm	7,319	7,214	6,988	7,586	8,408	8,002	9,070	181	177	161	160	159	164	179
16 17	NonfarmPrivate	512,904 420,734	525,900 431,093	546,888 449,907	576,426 478,965	619,265 518,668	669,215 563,779	728,746 617,866	22,004 15,422	22,123 15,448	22,082 15,466	22,143 15,490	22,713 15,741	23,145 16,035	24,059 16,526
18	Agricultural services, forestry, fishing, and other *	5,553 5,338	5,362	5,586 5,377	5,785	6,384	6,969	7,590	158	141	142		134	137	149
20	Agricultural services	1 214	5,141 220	209	5,600 185	6,179 205 2,459	6,762 207	n.a. n.a.	19	126 15 17	127 15	120	115 19	119 18	n.a. n.a.
21	Mining	2,275	2,117 (D)	2,071 147	2,195 149	2,459 141	2,422 115	2,229 n.a.	139 19 17 (P)	17 (P)	15 24 (^L)	135 120 15 21 (^L)	19 (^L)	19 (L)	17 n.a.
23	Coal mining	2,275 139 59 1,758	(0)	39	42	45	50	n.a.	(6)	(č)	11	(1)	`1	1	n.a.
15 16 17 18 19 20 21 22 23 24 25 26	Oil and gas extraction	319	1,614 320	1,578 307	1,694 311	1,943 331	1,885 372	n.a. n.a.	(P) 16	(P) (P) 1,717	(P) (P) 1,565	(P) (P) 1,417	16	(D) (D)	n.a. n.a.
	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 28	Manufacturing	80,651 54,843	81,783 55,271	83,266 57,064	87,524 60,480	95,857 67,307	102,939 72,884	110,187 78,148	794 220	821 225	781 201	754 184	710 167	717 174	740 174
29	Lumber and wood products	1,730	1,833	1,753	1,843	2,030	2,143	n.a.	16	18	17	16	161	18	n.a.
30 31	Furniture and fixtures	1,405 1,874	1,417 1,928	1,434 1,923	1,522 2,066	1,760 2,120	2,005 2,319	n.a. n.a.	16 110	14 113	12 97	12 80	(^D)	11 67	n.a. n.a.
32	Primary metal industries	1,373 4,450	1,395 4,690	1,386 4,830	1,527 4,964	1,602 5,215	1,592 5,569	n.a.	1 18	1 17	1 18	80 3 17	2 16	2 15	n.a.
32 33 34 35 36	Industrial machinery and equipment	10,401	10,805	11,980	12,907	15,371	16,803	n.a. n.a.	10	10	10	11	10	11 أ	n.a. n.a.
35 36	Electronic and other electric equipment	11,024 1,300	11,236 1,538	12,528 1,518	13,834 1,495	15,895 1,600	17,364 1,703	n.a. n.a.	2		5 2	(£) (£) (20	(P) 2	(P) 2 17	n.a. n.a.
37	Other transportation equipment	1,300 9,794	8,920 10,055	8,088 10,081	7,902 10,760	8,193 11,724	8,766 12,602	n.a. n.a.	19 7	23	2 22 2	20	20 2	17 (D)	n.a. n.a.
38 39 40 41	Miscellaneous manufacturing industries	10,218 1,277	1,455	1.544	1,658	1,799	2,019	n.a.	19	(P) 23 2 22 596 199	14	16	17	(^D)	n.a.
40 41	Nondurable goods	25,808 6,355	26,512 6,405	26,202 6,098	27,044 6,414	28,549 6,722	30,055 7,012	32,039 n.a.	574 207	596 199	5882 19 54 9 55 9 49	571 182	543 189	543 189	566 n.a.
42 43	Tobacco products	6,355 (P) 465	527	504	(P) 533	(P) 649	4 744	n.a. n.a.	(E) (E) 50	(L) (D) 52 (P) 263 (D) 44	(2)	182 (A) 54 (A) 54 (A) 245 (A) 47	31) 56 9	189 (L) (D) 55 8	n.a. n.a.
44	Apparel and other textile products	3,062 1,669	3,168	3 205	3,403	3,492	3,574	n.a.	50	52	54	54	56	55	n.a.
44 45 46	Paper and allied products Printing and publishing	6,495	1,676 6,647	1,680 6,630 3,877	1,755 6,833	1,860 7,064 4,232	1,903 7,572	n.a. n.a.	8 240	263	255	245	204	209	n.a. n.a.
47 48	Chemicals and allied products Petroleum and coal products	3,676 1,789	3,863 1,805	3,877 1,623	3,900 1,591	4,232 1,695	4,390 1,940	n.a. n.a.	22 37	(P) 44	(P) 49	(P) 47	204 26 51	209 26 49	n.a. n.a.
49 50	Rubber and miscellaneous plastics products	2,158 (P)	2,276 142	2,344 149	2,465	2,677	2,750 166	n.a.	6 (P)	(P)	6 (P)	6 (P)	7 (P)	7 (P)	n.a.
	Leather and leather products	l			(^D)	(P)		n.a.							n.a.
51 52 53	Transportation and public utilities	824	32,998 784	34,113 779	36,178 796	38,989 827	41,042 (P) 7,547	45,264 n.a.	1,658 0	1,664 0	1,694 0	1,739 0	1,805 0	1,816 0	1,810 n.a.
53 54	Trucking and warehousing	5,593	6,057 1,175	6,269 1,187	6,335 1,258	7,002 1,392	7,547 1,436	п.а. п.а.	148 144	151 163	135 163	135 164	130 171	134 169	n.a. n.a.
54 55 56 57	Other transportation	8 743	9,190 9,061	9,393 9,995	9.844	10,291 12,128	(P) 12.703	n.a.	812 335	163 806 322 223	848 315	881 325 234	938 332	952 337	n.a.
57	Communications Electric, gas, and sanitary services	8,569 6,767	6,730	6,489	10,863 7,083	7,350	7,685	n.a. n.a.	219	223	234	234	234	225	n.a. 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 60	Retail trade	46,627 43,126	48,448 41,916	50,526 42,747	52,567 46,555	55,805 52,776	59,877 60,130	64,979 65,894	2,476 1,795	2,543 1,692	2,573 1,742	2,558 1,818	2,564 1,932	2,526 1,991	2,619 2,096
61 62	Depository and nondepository institutions	12,202 30,924	11,747 30,169	11,096 31,651	12,247 34,309	13,796 38,980	16,118 44,013	n.a. n.a.	510 1,286	1,692 495 1,197	470 1,272	483 1,335	489 1,442	1,991 510 1,481	n.a. n.a.
		1				i i			· 1					· 1	
63 64	Services Hotels and other lodging places	156,587 4,192	160,635 4,130	170,992 4,282	184,728 4,490	197,553 4,626	214,152 5,205	237,721 n.a.	5,821 1,145	6,060 1,196	6,157 1,253 207	6,263 1,296 202 33	6,450 1,311 209	6,695 1,320 212	6,966 n.a.
64 65 66 67	Personal servicesPrivate households	5,222 2,090	5,164 2,149	5,267 2,290	5,388 2,312	5,733 2,330	5,989 2,722	n.a. n.a.	202 29	1,196 205 30	207 32	202	209 33	212 38	n.a. n.a.
67	Business services	30,588	32,699	37,329	43,725	50,150	56,591	n.a.	679	698 185 74	679	685 185 71	746	815	n.a.
68 69 70	Auto repair, services, and parking	4,970 2,270	5,312 2,284	5,430 2,386	5,596 2,411	5,815 2,385	6,380 2,551	n.a. n.a.	180 78	74	186 76	185 71	187 73	197 81	n.a. n.a.
70 71	Amusement and recreation services	6,604 9,303	6,496 9,206	7,061 10,702	7,663 11,961	7,871 12,635	8,501 13,419	n.a. n.a.	240 45	245 67	279 50	270 50	269 57	280 50	n.a. 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.
72 73 74 75 76 77	Legal services Educational services	13,060 4,794	12,844 5,114	12,921 5,440	13,508 5,654	14,254 6,083	15,127 6,538	n.a. n.a.	396 238	406 255	391 271	403 292	413 310	426 331	n.a. n.a.
75 76	Social services	4,046 180	4,282 194	4,652 205	4,791 228	5,053 256	5,543 298	n.a. n.a.	184 19	208 19	211 19	209 19	223 19	250 22	n.a. 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 79	Engineering and management services	22,409 2,218	23,039 2,442	25,422 2,409	26,982 2,700	28,729 3,105	31,077 3,148	n.a. n.a.	611 46	571 64	561 59	541 65	546 79	571 77	n.a. 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 2,285	1,588	1,539	1,693	1,787	1,878
83	MilitaryState and local	10,643 64,843	9,742 67,977	8,993 71,205	8,872 71,975	8,479 75,504	8,373 80,120	8,397 84,853	1,506 2,299 2,777	2,842	2,195 2,832	2,282 2,831	2,324 2,955	2,300 3,023	2,273 3,381
82 83 84 85	State Local	14,985 49,858	16,134 51,843	17,203 54,002	17,086 54,889	17,946 57,558	18,736 61,384	n.a. n.a.	2,170 606	2,210 633	2,157 676	2,117 714	2,204 751	2,258 765	n.a. n.a.
	Local	1 .0,000	2.,040	0-1,00E	0.,003	0.,000	01,004	11.61	555	000	0.0	7.14	,01	, 00	.1.4.

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

The estimates of earnings for 1993-99 are based on the 1987 Standard Industrial Classification.
 Midyear population estimates of the Bureau of the Census.
 Per capita personal income is total personal income divided by total midyear population.
 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	 I			_
1993 "	1994 r	1995 r	1996 r	1997 °	1998 r	1999 <i>°</i>	1993 ′	1994 r	1995 r	1996 r	1997 r	1998 7	1999 <i>P</i>	1993 ′	1994 °	1995 r	1996 r	1997 ′	1998 r	1999 <i>P</i>	Line
32,386 1,380 23,465	35,878 1,456 24,635	39,377 1,526 25,808	43,331 1,596 27,142	47,278 1,676 28,216	50,919 1,744 29,200	54,913 1,809 30,351	61,916 3,034 20,404	66,130 3,087 21,421	71,209 3,141 22,668	75,561 3,195 23,649	81,040 3,243 24,987	85,043 3,282 25,912	89,983 3,316 27,135	117,621 5,248 22,414	123,337 5,335 23,119	129,681 5,431 23,878	139,328 5,510 25,287	151,413 5,604 27,018	163,348 5,688 28,719	174,389 5,756 30,295	1 2 3
23,655 1,285 -465 21,905 6,534 3,947	26,160 1,451 -513 24,196 7,568 4,114	28,742 1,617 -561 26,563 8,374 4,440	31,671 1,779 -631 29,261 9,318 4,752	34,300 1,928 -641 31,730 10,492 5,056	37,227 2,069 -690 34,469 11,170 5,280	40,529 2,240 -756 37,533 11,847 5,533	43,357 2,658 -772 39,927 13,072 8,917	46,291 2,890 -847 42,554 14,297 9,279	49,033 3,121 -1,010 44,902 16,268 10,039	52,841 3,333 -1,219 48,290 16,858 10,413	57,142 3,583 -1,439 52,120 18,149 10,771	60,103 3,735 -1,725 54,643 19,260 11,140	63,962 3,961 -1,830 58,170 20,244 11,569	85,122 5,085 1,099 81,136 20,790 15,694	88,442 5,409 1,162 84,195 22,742 16,400	92,096 5,721 1,294 87,670 24,409 17,603	98,912 6,070 1,474 94,316 26,618 18,393	108,085 6,644 1,660 103,101 29,252 19,061	118,133 7,190 1,941 112,884 31,074 19,390	127,193 7,719 2,045 121,519 32,759 20,110	4 5 6 7 8 9
18,462 2,490 2,703 64 2,640	20,479 2,738 2,943 25 2,918	22,574 2,934 3,234 8 3,226	25,138 3,058 3,475 4 3,471	27,342 3,175 3,782 -6 3,789	29,835 3,334 4,058 8 4,050	32,619 3,532 4,378 -2 4,381	32,749 4,843 5,764 412 5,353	35,196 5,183 5,912 275 5,636	38,167 5,174 5,692 133 5,559	41,524 5,272 6,044 200 5,844	45,061 5,523 6,559 241 6,317	47,650 5,654 6,799 162 6,638	50,959 5,897 7,106 -1 7,108	64,442 9,378 11,301 1,015 10,287	67,600 9,871 10,972 599 10,372	71,643 9,710 10,743 558 10,184	77,310 10,015 11,587 877 10,710	85,379 10,499 12,207 434 11,773	93,966 10,960 13,207 584 12,623	101,796 11,468 13,929 331 13,597	10 11 12 13 14
94 23,561 19,712 118 113 5 644 581 4 14 46 2,098	65 26,095 22,010 126 120 6 651 587 2 15 47 2,484	52 28,690 24,311 145 140 5 722 644 (P) 55 2,753	49 31,622 26,887 176 170 6 816 733 (P) (P) 64 3,551	48 34,252 29,218 197 190 7 836 749 5 14 68 3,893	61 37,166 31,719 236 227 9 802 705 6 14 78 4,254	57 40,472 34,709 263 n.a. n.a. 735 n.a. n.a. n.a. 4,528	766 42,591 34,902 513 349 164 79 (P) 54 2,590	654 45,637 37,642 527 331 196 70 (P) 7 (P) 59 2,993	581 48,452 40,205 497 353 145 75 1 7 3 65 3,352	717 52,124 43,523 420 373 47 79 (P) 6 (P) 68 4,028	790 56,352 47,331 516 421 94 81 1 6 3 70 4,378	748 59,355 49,900 580 464 117 84 (P) 7 (P) 73 4,434	675 63,287 53,315 661 n.a. n.a. n.a. n.a. n.a. n.a. 4,580	1,575 83,547 66,222 1,189 589 600 160 36 39 10 75 5,498	1,199 87,243 69,326 1,133 575 558 188 40 43 17 88 5,884	1,260 90,836 72,187 1,084 591 492 187 42 41 11 93 5,844	1,686 97,226 77,637 938 593 345 191 (P) (P) 110 6,378	1,291 106,794 86,447 1,083 669 414 209 37 50 16 106 7,071	1,503 116,630 95,580 1,171 733 438 199 29 (P) 109 7,520	1,389 125,804 103,830 1,355 n.a. n.a. n.a. n.a. n.a. n.a. 8,262	15 16 17 18 19 20 21 22 23 24 25 26
1,019 662 49 99 486 74 48 86 77 75 137 76 117 9 142 39 1 79	1,192 768 511 115 36 102 89 90 (P) 119 119 119 119 119 119 119 119 119 11	1,326 868 466 22 133 49 121 96 89 111 21 91 189 458 90 (P)	1,490 991 49 24 1666 78 139 100 100 205 499 106 (P) 21 16 192 50 50 4 106	1,592 1,061 599 150 113 150 1150 117 213 532 113 (P) 23 24 55 26 26 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	1,735 1,155 64 33 168 95 167 129 219 231 199 237 63 7 110 24 (P) 26 63 7	1,789 1,173 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	8,059 6,031 2,120 104 144 438 383 761 1935 286 463 146 2,027 646 15,027 645 59 459 503 118 22 164	8,741 6,595 2,217 119 157 453 440 850 1,149 328 290 293 12,146 674 (P) 47 64 473 537 132 23 186	9,166 6,976 2,095 116 166 493 377 955 1,426 380 272 272 272 272 273 1,490 44 684 (P) 44 472 551 144 (P) 201	9,686 7,443 2,024 113 193 529 508 908 1,717 359 311 550 42,243 709 0 42 62 454 559 157 7 20 20	10,617 8,286 2,098 123 207 594 554 1,105 2,105 402 353 598 1,402 433 64 451 589 165 18 225 18	11,152 8,770 2,063 136 223 630 583 1,110 2,384 480 359 955 625 42 2,382 2,382 46 66 66 610 1774 19 246 11	11,612 9,149 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	14,446 10,735 1,446 109 299 528 426 817 398 207 5,673 634 1,201 (L) 35 150 762 355 139 229 191 1,201	14,816 10,862 1,513 325 508 470 894 446 239 5,508 622 237 217 217 217 3,954 1,284 0 0 36 165 869 825 367 151	15,014 10,936 1,542 330 499 944 554 273 5,241 653 2,53 4,078 1,341 162 886 845 394 140 266 10	15,999 11,800 1,532 551 503 1,063 647 246 5,750 718 2,846 1,361 0 0 38 1,746 1,361 0 403 403 403 403 403 1,46 2,78	17,771 13,417 1,595 148 379 5586 5566 1,229 769 262 6,813 761 316 4,354 1,414 40 197 885 935 422 422 427 304	18,811 14,371 1,605 588 1,328 853 310 7,233 927 7,233 194,440 1,392 0 0 43 1,392 891 967 463 151 327	18,922 14,157 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
1,373 58 198 (P) (P) 284 402	1,530 53 225 (P) (P) 318 420	1,664 55 257 (P) (P) 329 451	1,877 55 281 (P) (P) 388 474	2,021 57 303 (P) (P) 424 500	2,168 (P) 324 9 (P) 483 519	2,369 n.a. n.a. n.a. n.a. n.a.	2,814 177 935 106 522 552 523	2,954 165 999 118 586 586 500	3,071 163 1,042 (P) (P) 605 528	3,243 166 1,050 (P) (P) 615 619	3,450 170 1,131 (P) (P) 644 668	3,612 178 1,187 (D) (D) 654 716	3,780 n.a. n.a. n.a. n.a. n.a.	5,672 282 1,040 471 1,280 2,016 584	5,879 266 1,112 467 1,359 2,004 670	6,453 277 1,173 504 1,404 2,280 815	7,004 293 1,206 514 1,450 2,592 948	7,931 296 1,307 540 1,627 2,843 1,317	8,274 (P) 1,406 538 (P) 2,932 1,332	8,595 n.a. n.a. n.a. n.a. n.a.	51 52 53 54 55 56 57
951 2,180 1,509 413 1,097	1,037 2,439 1,713 462 1,250	1,143 2,645 2,113 437 1,676	1,297 2,940 2,378 574 1,804	1,435 3,220 2,791 675 2,116	1,587 3,494 3,155 771 2,384	1,708 3,893 3,460 n.a. n.a.	2,997 4,698 2,738 853 1,884	3,257 5,020 2,908 899 2,009	3,609 5,242 3,114 905 2,209	3,800 5,584 3,472 1,051 2,421	4,186 5,945 3,979 1,147 2,832	4,387 6,267 4,257 1,289 2,968	4,666 6,726 4,592 n.a. n.a.	5,045 8,014 5,362 1,682 3,680	5,394 8,472 5,350 1,631 3,718	5,744 8,735 5,598 1,577 4,021	6,110 9,098 6,011 1,697 4,314	6,573 9,712 6,852 1,837 5,015	7,112 10,483 7,722 2,218 5,504	7,555 11,473 8,409 n.a. n.a.	58 59 60 61 62
9,819 4,181 258 34 201 72 701 1,626 356 359 99 3 127 948 201	10,837 4,685 290 37 1,076 231 84 746 87 1,731 390 52 106 4 141 1,016 162	11,801 5,204 296 41 1,160, 257 95 748 144 1,885 409 53 111 4 149 1,104	12,363 5,480 306 43 1,232 277 97 819 157 2,013 421 61 119 4 163 1,073 97	13,232 5,692 328 45 1,434 301 103 873 133 2,179 465 3 135 135 1112	14,287 6,087 358 54 1,626 330 112 933 136 2,273 495 77 157 3 193 1,340 113	15,965 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	10,415 312 404 86 1,909 214 259 3,628 650 327 474 18 402 1,041 175	11,172 318 442 89 2,125 475 194 291 101 3,859 665 336 528 19 440 1,085 184	12,078 353 436 97 2,398 479 207 338 129 4,066 725 375 576 21 449 1,229 200	13,212 370 440 98 2,752 217 386 142 4,389 773 413 621 21 1,350 227	14,179 385 473 99 3,111 550 207 423 171 4,613 839 448 648 23 490 1,426 274	15,127 419 502 116 3,409 218 451 166 4,815 876 483 737 24 56 1,532 272	16,613 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	20,835 536 755 163 3,751 694 349 612 151 6,574 1,321 529 746 17 846 3,503 299	22,210 539 767 159 4,354 751 401 662 159 6,807 1,353 576 810 19 954 3,571 329	23,529 587 755 172 5,248 769 355 757 174 7,171 1,394 873 20 967 3,305	25,908 626 769 175 6,798 809 369 857 182 7,600 1,469 688 927 22 1,017 3,261 340	29,246 654 824 1777 9,259 887 365 910 178 7,960 1,569 1,007 26 1,056 3,226 421	34,286 686 868 (P) 12,755 964 387 188 8,435 1,642 810 1,093 (P) 1,106 3,688 441	39,068 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77
3,848 675 362 2,811 803 2,008	4,085 726 373 2,986 846 2,141	4,379 756 398 3,225 897 2,328	4,735 784 420 3,532 979 2,552 e is the ne	5,034 795 417 3,822 1,043 2,780	5,447 822 425 4,200 1,130 3,070	5,762 877 437 4,448 n.a. n.a.	7,689 1,641 199 5,849 1,848 4,001	7,994 1,671 206 6,117 1,923 4,194	8,247 1,639 200 6,409 1,964 4,445	8,600 1,671 213 6,717 1,779 4,937	9,021 1,744 217 7,060 1,859 5,201	9,455 1,815 216 7,425 1,953 5,472	9,972 1,860 216 7,896 n.a. n.a.	17,325 3,544 2,397 11,384 3,831 7,553	17,917 3,627 2,450 11,840 3,894 7,946	18,648 3,702 2,536 12,410 4,062 8,348	19,589 3,831 2,791 12,966 4,232 8,734	20,346 3,959 2,881 13,506 4,385 9,121	21,050 4,032 2,761 14,257 4,588 9,669	21,974 4,181 2,775 15,017 n.a. n.a.	80 81 82 83 84 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]

	l	19	93			19	94		<u> </u>	19	95			199	96	
Area name	ļ ^r	r	lli r	10"	r	ll'r	III r	IV*	r	Ur.	Wr.	IV"	lr.	112	Wr	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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	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
	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
	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
	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
	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
	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
	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 Delaware District of Columbia Maryland New Jersey New York Pennsylvania	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
	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
	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
	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
	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
	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
	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 Illinois Indiana Michigan Ohio Wisconsin	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
	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
	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
	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
	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
	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 lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	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
	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
	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
	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
	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
	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
	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
	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 Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia West Virginia	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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 Arizona New Mexico Oklahoma Texas	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
	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
	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
	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
	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 Colorado Idaho Montana Utah Wyoming	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
	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
	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
	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
	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
	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 Alaska California Hawaii Nevada Oregon Washington	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
	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
	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
	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
	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
	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
	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]

		19	97		,	19	98	<u> </u>	***************************************	19	99			Percent of	hange 1	
Area name	l'r	Nr.	W*	IV?	J.	Hr.	1117	IV*	l ^p	H.	III r	IV»	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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	401,943 114,081 27,526 189,285 31,605 25,913 13,534	407,101 115,596 27,747 191,436 32,285 26,385 13,652	412,245 116,941 27,896 194,212 32,831 26,594 13,771	420,247 119,291 28,374 197,864 33,492 27,128 14,099	424,197 119,910 28,552 200,238 33,855 27,403 14,238	430,540 120,827 29,046 204,118 34,506 27,635 14,409	438,716 122,993 29,638 207,961 35,371 28,119 14,634	445,436 125,033 30,028 210,937 36,102 28,500 14,836	450,127 125,810 30,176 214,227 36,122 28,820 14,972	457,380 127,588 30,831 217,796 36,833 29,081 15,252	468,256 129,835 31,914 223,741 37,547 29,737 15,481	473,928 130,957 32,184 226,867 37,981 30,152 15,787	1.1 .6 .5 1.6 .1 1.1	1.6 1.4 2.2 1.7 2.0 .9	2.4 1.8 3.5 2.7 1.9 2.3 1.5	1.2 .9 .8 1.4 1.2 1.4 2.0
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	1,295,117 19,893 18,507 145,606 257,454 544,765 308,892	1,307,058 19,957 18,520 147,176 260,259 548,397 312,749	1,325,080 20,528 18,694 148,867 263,433 557,175 316,383	1,347,184 20,785 18,792 151,405 268,546 565,906 321,750	1,359,123 21,391 18,682 153,001 272,352 569,861 323,836	1,382,189 21,671 18,892 155,623 276,110 582,400 327,493	1,401,211 21,961 19,103 158,173 281,579 588,884 331,511	1,412,306 22,429 19,274 160,240 283,354 591,100 335,909	1,433,189 22,648 19,637 162,887 287,484 602,970 337,562	1,452,432 22,760 19,809 164,593 291,224 611,914 342,132	1,476,732 23,283 19,858 167,615 295,605 624,783 345,588	1,497,612 23,798 20,056 170,305 301,782 631,171 350,500	1.5 1.0 1.9 1.7 1.5 2.0	1.3 .5 .9 1.0 1.3 1.5	1.7 2.3 .2 1.8 1.5 2.1 1.0	1.4 2.2 1.0 1.6 2.1 1.0 1.4
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	1,120,166 334,709 137,706 246,439 274,499 126,813	1,137,600 339,844 139,569 250,770 278,585 128,832	1,152,265 343,838 140,887 255,050 282,031 130,458	1,168,346 349,360 143,457 256,804 286,039 132,685	1,181,917 352,801 145,340 261,211 288,360 134,205	1,194,441 357,234 147,351 263,083 290,708 136,065	1,208,767 362,423 149,723 263,927 294,306 138,388	1,227,834 368,811 152,190 267,843 298,623 140,368	1,236,617 372,914 152,696 270,157 299,982 140,868	1,251,408 377,431 153,690 273,907 303,185 143,196	1,259,163 378,850 155,030 275,118 305,721 144,443	1,284,126 388,209 158,828 279,390 310,498 147,200	.7 1.1 .3 .9 .5 .4	1.2 1.2 .7 1.4 1.1	.6 .4 .9 .4 .8	2.0 2.5 2.4 1.6 1.6 1.9
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	454,288 67,011 62,400 125,653 129,619 40,490 13,081 16,034	460,788 67,849 63,485 128,130 130,899 40,835 13,264 16,327	466,561 68,339 64,333 130,216 132,413 41,183 13,515 16,563	472,943 69,482 65,201 132,321 134,119 41,569 13,661 16,591	476,873 68,889 65,948 134,870 134,292 41,792 14,240 16,841	483,190 69,777 66,755 137,142 135,741 42,479 14,302 16,994	490,338 71,146 67,579 138,900 137,644 43,319 14,490 17,261	502,503 73,376 69,251 142,316 139,338 44,624 15,369 18,229	502,041 72,215 69,055 143,018 140,922 44,458 14,605 17,769	509,342 72,997 69,895 145,585 142,464 45,279 14,813 18,309	511,482 73,566 70,272 146,296 143,307 45,335 14,460 18,246	528,980 76,504 73,524 150,044 146,104 47,770 15,733 19,301	1 -1.6 -3 .5 1.1 4 -5.0 -2.5	1.5 1.1 1.2 1.8 1.1 1.8 1.4 3.0	.4 .8 .5 .5 .6 .1 -2.4 3	3.4 4.0 4.6 2.6 2.0 5.4 8.8 5.8
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	1,507,448 90,641 50,490 369,243 181,022 81,813 90,823 50,678 176,699 79,840 123,969 177,455 34,774	1,523,874 91,351 51,072 373,859 182,856 82,779 91,916 51,336 178,746 80,649 125,134 179,057 35,119	1,540,632 92,156 51,487 379,078 184,825 83,511 92,759 51,696 180,407 81,467 126,448 181,455 35,342	1,563,807 93,242 52,327 384,056 187,749 84,621 94,447 52,517 183,527 82,721 128,831 184,071 35,698	1,583,121 94,251 52,611 390,706 191,279 85,417 95,344 53,280 185,241 83,465 129,621 185,815 36,090	1,607,270 95,129 53,108 396,997 194,719 86,531 53,840 188,106 84,935 131,921 188,975 36,347	1,634,507 96,472 53,955 403,675 199,478 87,945 97,326 54,793 191,606 86,797 133,789 191,867 36,804	1,661,224 97,971 55,228 409,456 203,799 89,193 98,188 55,727 195,081 88,394 135,695 195,456 37,036	1,680,967 98,636 55,352 413,483 207,041 90,050 98,640 55,733 197,934 89,132 137,177 200,583 37,206	1,701,177 99,782 56,173 420,507 210,134 99,407 56,261 200,334 90,663 139,269 200,321 37,511	1,715,480 100,742 55,956 425,494 212,697 99,341 56,972 198,155 91,859 141,194 203,034 37,914	1,753,136 101,915 58,202 434,354 217,422 93,956 101,197 58,127 205,983 93,547 143,461 206,629 38,343	1.2 7.7 1.0 1.0 1.0 5.5 1.1 2.6 5.5	1.2 1.5 1.7 1.5 8.8 .9 1.2 1.7 1.5	.8 1.0 4 1.2 1.2 1.4 1 1.3 -1.1 1.3 1.4 1.4	2.2 4.0 2.1 2.2 2.0 1.9 2.0 4.0 1.8 1.6 1.8
Southwest Arizona New Mexico Oklahoma Texas	655,560 101,152 34,442 68,911 451,056	667,482 102,909 34,842 69,332 460,399	679,112 104,774 35,118 69,977 469,243	690,996 107,036 35,416 71,241 477,303	706,276 109,486 36,053 72,281 488,456	715,809 111,652 36,283 72,860 495,013	729,125 114,212 36,862 73,727 504,323	741,186 116,545 37,555 74,532 512,555	750,825 116,817 37,581 75,100 521,326	762,900 120,395 38,198 75,993 528,315	770,545 121,932 38,537 76,610 533,465	785,928 124,549 39,226 78,560 543,593	1.3 2 .1 .8 1.7	1.6 3.1 1.6 1.2 1.3	1.0 1.3 .9 .8 1.0	2.0 2.1 1.8 2.5 1.9
Rocky Mountain Colorado Idaho Montana Utah Wyoming	201,399 105,289 24,869 17,362 42,722 11,157	205,456 107,957 25,294 17,558 43,389 11,258	209,894 110,790 25,659 17,770 44,263 11,413	213,073 112,877 25,937 18,062 44,708 11,488	218,250 116,528 26,480 18,205 45,549 11,488	220,674 117,481 26,797 18,497 46,346 11,553	224,490 119,708 27,337 18,626 47,066 11,752	229,708 122,458 28,095 19,357 47,907 11,891	233,524 124,639 28,721 19,386 48,533 12,246	238,102 127,480 29,093 19,743 49,436 12,350	240,979 129,371 29,458 19,404 50,200 12,546	246,394 132,464 30,114 20,261 50,812 12,743	1.7 1.8 2.2 .1 1.3 3.0	2.0 2.3 1.3 1.8 1.9	1.2 1.5 1.3 -1.7 1.5 1.6	2.2 2.4 2.2 4.4 1.2 1.6
Far West Alaska California Hawaii Nevada Oregon Washington	1,162,353 16,096 842,789 30,938 46,043 79,271 147,215	1,182,135 16,433 856,733 31,171 46,971 80,298 150,528	1,198,799 16,537 869,075 31,558 47,604 81,778 152,249	1,217,506 16,664 882,426 31,447 48,495 82,813 155,661	1,237,075 17,030 896,905 31,676 49,374 83,697 158,393	1,254,589 17,020 909,532 31,693 50,314 84,436 161,594	1,278,768 17,100 927,774 31,870 51,370 85,470 165,183	1,304,537 17,346 947,597 32,186 52,616 86,570 168,222	1,328,635 17,563 966,197 32,404 53,799 88,293 170,380	1,345,553 17,558 980,077 32,702 54,512 89,094 171,610	1,370,148 17,668 995,816 33,398 55,105 90,619 177,543	1,388,865 17,891 1,011,268 33,520 56,238 91,925 178,023	1.8 1.3 2.0 .7 2.2 2.0 1.3	1.3 0 1.4 .9 1.3 .9	1.8 .6 1.6 2.1 1.1 1.7 3.5	1.4 1.3 1.6 .4 2.1 1.4

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. Irims.

P Preliminary.
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

Table 7.—Personal Income by Major Source [Millions of dollars, seasonally

		<u> </u>		ι	Inited State	s					1	lew Engla	nd		
Line	ltem		1998			19	99			1998			1:	999	
		ll'	1117	IV r	r	r	III r	IV <i>P</i>	ll.r	1117	IV	l ^r	ll'r	III r	IV <i>P</i>
	Income by Place of Residence													·	
1 2 3	Personal income (lines 4-11)	7,288,702 7,252,379 36,323	7,405,920 7,365,326 40,594	7,524,734 7,464,534 60,199	7,615,925 7,570,675 45,250	7,718,294 7,670,649 47,645	7,812,784 7,781,733 31,052	7,958,969 7,906,226 52,743	430,540 429,931 609	438,716 438,040 676	445,436 444,658 778	450,127 449,405 721	457,380 456,623 757	468,256 467,607 649	473,928 473,260 668
	Derivation of Personal Income														
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	5,247,887 313,280 -1,005 4,933,602 1,375,124 979,976 18,856 961,120	317,544 -1,030	5,452,023 321,460 -1,054 5,129,510 1,404,216 991,008 19,608 971,400	5,526,745 328,381 -1,139 5,197,224 1,410,950 1,007,751 20,195 987,556	5,608,352 331,808 -1,161 5,275,384 1,429,345 1,013,565 19,996 993,569	5,685,082 336,153 -1,182 5,347,747 1,443,728 1,021,309 19,892 1,001,417	339,823 -1,199	307,081 17,917 5,633 294,797 79,730 56,013 1,312 54,701	314,137 18,258 5,669 301,548 80,942 56,225 1,396 54,829	320,269 18,517 5,597 307,348 81,623 56,465 1,441 55,023	323,667 18,783 5,779 310,664 82,034 57,428 1,508 55,921	329,865 19,073 5,885 316,677 83,000 57,704 1,450 56,253	339,725 19,602 6,062 326,185 83,898 58,172 1,483 56,689	343,660 19,732 6,130 330,058 85,233 58,637 1,456 57,180
	Earnings by Place of Work]]										
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 5 Farm proprietors' income Nonfarm proprietors' income	4,144,164 509,020 594,703 19,171 575,532	4,222,568 513,176 606,706 23,158 583,548	4,295,976 517,576 638,471 42,475 595,996	4,368,798 523,399 634,548 27,058 607,490	4,429,939 528,428 649,985 28,815 621,170	4,506,633 533,868 644,581 11,537 633,044	4,573,096 538,992 679,974 32,594 647,380	245,163 29,036 32,882 210 32,672	251,199 29,500 33,438 276 33,162	256,049 29,882 34,338 374 33,964	258,614 30,020 35,034 307 34,727	263,547 30,463 35,855 328 35,527	272,030 31,208 36,487 204 36,283	274,886 31,413 37,361 209 37,152
	Earnings by Industry				ĺ						ľ				
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local		40,594 5,301,6872 34,504 47,864 304,624 896,296 557,800 338,496 359,004 482,200 1,520,532 854,984 173,424 70,124 611,436	60,199 5,391,824 4,530,148 36,484 47,528 313,624 899,704 559,464 340,240 339,692 475,332 495,956 1,555,488 861,676 174,904 69,572 617,200	45,250 5,481,494 4,605,777 37,530 45,512 321,595 901,125 559,415 341,709 370,379 345,726 484,804 507,235 5,591,871 1875,717 181,749 71,1013 622,956	47,645 5,560,708 4,678,800 37,588 44,813 327,416 910,327 566,027 344,300 372,295 350,303 492,937 518,947 1,624,173 881,908 180,888 70,388 630,632	31,052 5,654,030 4,762,546 38,270 45,448 329,099 923,727 576,333 347,353 357,466 499,440 529,041 1,662,515 891,484 180,049 70,646 640,789	5,739,319 4,838,654 40,191 45,196 336,942 579,271 349,770 381,463 364,372 505,325 535,003 1,70,067 900,665 180,180 70,428 650,058	609 306,472 266,383 1,706 306 15,763 17,688 15,763 19,391 26,530 32,284 40,089 6,928 1,394	676 313,460 272,932 1,735 308 15,6340 38,293 18,047 15,972 19,824 27,133 33,626 101,947 40,528 6,941 1,754 31,833	778 319,491 278,414 1,851 299 16,685 56,912 38,768 18,145 16,337 20,224 27,654 34,607 103,845 41,078 7,006 1,742 32,330	721 322,946 281,597 1,922 324 17,231 156,710 38,404 18,306 16,047 20,449 28,190 36,493 104,231 41,350 7,261 1,350 23,326	757 329,108 287,048 1,952 307 17,684 56,884 38,320 18,564 16,311 20,742 28,974 36,031 108,163 42,061 7,270 3,031	649 339,077 296,923 1,991 320 17,947 59,855 40,168 19,687 16,806 21,753 29,476 37,508 42,154 7,317 1,767 33,070	668 342,992 300,280 2,102 3222 18,488 59,147 39,886 19,261 17,012 22,004 29,423 38,177 113,607 42,712 7,304 1,777 33,631

				Ne	w Hampshi	re						Rhode Islan	nd		
Line	ltem		1998			19	99			1998			1	999	
		ll ^r	1117	IV "	r	11,	1117	IV <i>P</i>	ll r	III r	IV"	lr.	ll r	Ħr	IV <i>P</i>
	Income by Place of Residence					·									
1 2 3	Personal income (lines 4-11) Nonfarm personal income Farm income (line 17)	34,506 34,472 34	35,371 35,336 35	36,102 36,063 38	36,122 36,083 38	36,833 36,789 44	37,547 37,507 40	37,981 37,937 44	27,635 27,611 25	28,119 28,091 28	28,500 28,467 33	28,820 28,786 33	29,081 29,048 32	29,737 29,712 25	30,152 30,123 29
	Derivation of Personal Income				Ì										
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	22,793 1,418 2,884 24,259 6,448 3,798 31 3,767	23,506 1,456 2,928 24,978 6,584 3,810 35 3,774	24,202 1,492 2,946 25,655 6,626 3,820 34 3,786	24,041 1,487 3,037 25,591 6,659 3,871 30 3,842	24,589 1,516 3,094 26,168 6,772 3,893 31 3,863	25,024 1,541 3,251 26,733 6,895 3,918 29 3,890	25,214 1,545 3,306 26,975 7,056 3,950 30 3,920	17,650 1,169 1,045 17,525 5,431 4,679 139 4,540	18,036 1,194 1,068 17,910 5,523 4,686 147 4,539	18,355 1,210 1,088 18,234 5,566 4,699 151 4,549	18,562 1,228 1,111 18,445 5,596 4,779 159 4,620	18,700 1,231 1,151 18,619 5,672 4,790 143 4,647	19,208 1,262 1,203 19,149 5,750 4,838 157 4,681	19,481 1,275 1,216 19,422 5,855 4,875 154 4,720
	Earnings by Place of Work														
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income Farm proprietors' income Nonfarm proprietors' income	18,176 2,031 2,586 -3 2,589	18,783 2,083 2,640 -2 2,642	19,357 2,125 2,719 1 2,718	19,205 2,096 2,740 -1 2,740	19,648 2,136 2,806 3 2,802	20,056 2,164 2,803 -3 2,806	20,178 2,167 2,868 -1 2,869	14,052 1,872 1,726 12 1,714	14,382 1,896 1,758 15 1,742	14,628 1,915 1,813 20 1,793	14,783 1,936 1,843 20 1,823	14,875 1,937 1,887 19 1,869	15,311 1,985 1,912 11 1,902	15,522 1,998 1,960 14 1,946
	Earnings by Industry														
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm earnings Nonlarm earnings Private earnings Agricultural services, forestry, fishing, and other ⁶ Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	34 22,759 20,091 135 19 1,485 5,126 3,719 1,407 1,059 1,587 2,645 1,621 6,413 6,413 6,413 6,413 6,413 6,414	35,23,471 20,804 138 19 1,567 5,365 3,943 1,421 1,036 2,711 1,702 6,573 2,667 483 644 2,120	38 24,163 21,437 150 21 1,662 5,229 3,841 1,388 1,124 1,768 2,840 1,863 6,781 2,726 493 493 493 6,169	38 24,003 21,274 157 22 1,615 5,143 3,801 1,342 1,053 2,784 1,837 6,894 2,729 495 2,170	44, 24,546 21,771 155, 22 1,671 5,178 3,837 1,341 1,185 1,834 7,044 2,775 496 2,215	40 24,984 22,187 159 22 1,570 5,237 3,773 1,464 1,185 1,906 7,283 1,906 7,283 497 497 497	44 25,170 22,355 169 20 1,609 5,072 3,656 1,416 1,153 1,939 3,000 1,943 7,448 2,815 510 505 2,241	25 17,625 14,434 108 108 3,135 2,068 1,067 1,045 1,364 5,522 3,191 669 3,194	28 18,008 14,816 111 14 875 3,202 2,131 1,071 1,071 1,593 1,430 5,667 3,192 2,195	33 18,323 15,068 117 15 946 3,118 2,061 1,058 1,087 1,610 1,555 5,726 3,255 678 2,253	33 18,529 15,194 117 16 968 3,288 2,304 1,060 896 1,643 1,441 5,767 3,334 696 332 2,307	32 18,667 15,298 125 16 1,031 3,036 1,992 1,044 1,078 916 1,707 1,487 5,903 3,369 695 2,330	25 19,183 15,753 16 1,049 3,216 2,147 1,068 1,129 928 1,752 1,520 6,020 6,020 6,88 3,430 6,88 3,62 2,381	29 19,452 15,995 129 16 1,087 3,217 2,140 1,077 1,146 950 1,768 1,548 6,135 3,457 685 348 2,424

and Earnings by Industry 1, 1998:II-1999:IV

adjusted at annual rates]

199	000								Maine						M	lassachusel	ts			1
B* B:	338		19	99			1998			19	99			1998			19	99		Line
	Br IV	12	H*	III r	ĮŲ <i>₽</i>	ll"	III''	IV "	l ^r	nr.	lff"	VP	11"	10.7	IV "	11	11"	ltt*	(VP	L
120,653 122,	125,033 12,798 124,817 194 216	125,609	127,588 127,377 212	129,835 129,646 189	. 130,957 130,764 193	29,046 28,951 95	29,638 29,538 99	30,028 29,916 111	30,176 30,074 102	30,831 30,715 116	31,914 31,813 101	32,184 32,076 108	204,118 203,964 154	207,961 207,790 171	210,937 210,747 190	214,227 214,038 189	217,796 217,589 207	223,741 223,564 177	226,867 226,694 173	1 2 3
4,968 5, 4,848 4, 84,657 86, 22,085 22, 14,085 14, 307	16,690 88,650 5,061 5,153 4,871 4,781 6,500 88,278 12,380 22,601 4,113 14,154 325 330 3,788 13,824	5,188 4,994 88,702 22,701 14,407 355	90,367 5,256 5,095 90,206 22,887 14,496 358 14,138	92,297 5,355 5,274 92,216 23,009 14,611 362 14,249	92,996 5,368 5,344 92,971 23,260 14,726 352 14,375	19,415 1,191 273 18,497 5,599 4,950 87 4,863	19,917 1,218 283 18,982 5,689 4,966 88 4,879	20,256 1,232 293 19,316 5,725 4,986 87 4,899	20,325 1,241 260 19,345 5,753 5,079 96 4,983	20,913 1,273 264 19,904 5,831 5,096 82 5,014	21,936 1,335 265 20,866 5,916 5,133 78 5,055	22,040 1,334 269 20,976 6,027 5,181 80 5,101	152,559 8,541 -3,512 140,506 37,153 26,459 702 25,757	155,924 8,692 -3,583 143,649 37,709 26,604 754 25,849	158,564 8,786 -3,622 146,156 38,029 26,752 792 25,960	161,496 8,983 -3,724 148,790 38,236 27,201 819 26,382	164,705 9,125 -3,821 151,759 38,707 27,330 792 26,539	170,495 9,426 -4,035 157,033 39,151 27,556 813 26,744	172,914 9,515 -4,102 159,297 39,798 27,771 797 26,975	4 5 6 7 8 9 10
7,856 7, 8,982 9, 56	9,588 71,214 7,980 8,128 9,121 9,308 76 96 9,045 9,211	9,461	72,576 8,187 9,604 84 9,520	74,249 8,304 9,744 56 9,688	74,717 8,343 9,935 55 9,880	15,050 2,167 2,199 16 2,183	15,469 2,214 2,234 19 2,214	15,735 2,233 2,288 2,288 31 2,257	15,776 2,234 2,315 20 2,295	16,240 2,282 2,391 31 2,360	17,104 2,376 2,457 14 2,443	17,145 2,375 2,520 19 2,501	122,209 14,159 16,192 55 16,136	125,091 14,361 16,472 72 16,400	127,121 14,509 16,934 90 16,844	129,372 14,715 17,410 87 17,323	131,894 14,919 17,892 102 17,790	136,817 15,362 18,316 68 18,248	138,624 15,492 18,798 61 18,737	12 13 14 15 16
84,603	194 216 6,495 88,434 6,239 77,959 459 4257 73,367 17,367 17,367 17,367 17,367 15,528 5,118 5,250 4,514 4,656 6,565 6,565 1,951 12,294 5,570 26,143 0,256 10,475 1,311 1,314 4,97 48,448 8,670	201 88,695 78,798 520 166 4,406 17,742 12,410 5,332 4,559 5,370 6,777 13,032 26,225 9,897 1,368 8,032	212 90,155 79,801 512 153 4,386 17,997 12,514 5,483 10,354 1,3682 27,283 10,354 1,343 486 8,525	189 92,107 81,831 508 160 4,449 12,458 5,991 4,706 5,460 7,372 12,850 10,277 1,348 477 8,452	193 92,802 82,324 538 161 4,603 18,210 12,628 5,582 4,790 7,085 13,098 28,334 10,479 1,363 495 8,620	95 19,320 15,749 206 3,474 1,773 1,701 1,078 992 2,244 1,242 5,241 3,571 771 297 2,504	99 19,817 16,166 209 3 1,301 1,784 1,784 1,094 1,092 2,308 1,305 5,383 3,652 783 302 2,566	111 20,144 16,506 223 3 1,339 3,544 1,757 1,788 1,117 1,054 2,323 1,379 5,522 3,639 797 302 2,540	102 20,223 16,518 236 3 1,367 3,448 1,730 1,718 1,080 2,335 5,585 3,705 818 309 2,578	116 20,797 17,073 237 3,485 1,757 1,728 1,113 1,110 2,411 1,488 5,748 3,724 831 3,111 2,582	101 21,835 18,047 253 3,1637 3,764 1,848 1,916 1,169 1,134 2,451 835 3,787 835 313 2,639	108 21,932 18,092 266 3,1,700 3,593 1,802 1,790 1,141 1,172 2,498 1,626 6,092 3,840 839 316 2,685	154 152,405 133,459 734 91 7,331 24,685 16,771 7,914 10,169 12,683 16,017 54,200 18,946 3,383 504 15,060	171 155,752 136,615 745 87 7,496 24,826 16,679 8,147 10,508 12,947 16,678 55,682 19,138 3,376 509 15,253	190 158,374 139,024 794 89 7,782 25,088 16,963 8,125 10,562 13,242 16,933 56,731 19,350 3,411 501 15,439	189 161,307 141,265 815 94 8,160 25,013 16,620 8,393 16,620 18,218 56,746 20,042 3,556 500 15,985	207 164,498 144,325 844 91 8,383 25,045 16,632 8,413 17,939 11,124 14,013 17,933 59,089 20,173 3,573 494 16,106	177, 178, 170, 178, 170, 178, 170, 178, 1868, 96, 8,523, 27,002, 18,327, 8,675, 8,102, 11,820, 13,852, 18,934, 60,948, 20,173, 3,614, 490, 16,069	173 172,741 152,311 916 99 8,762 26,765 17,957 8,8210 11,893 13,995 19,332 62,339 20,430 3,575 493 16,363	17 18 19 20 21 22 23 24 25 26 27 28 30 31 32 33 34

			Vermont							Mideast							Delaware				
	1998			19	199			1998			19	99			1998			19	99		Line
ll r	1117	IV ^r	ļr.	ll r	Щr	VP	ijr.	∭°	IV r	ļ ^r	="	ll!"	ĮV <i>P</i>	Hr.	III r	IV*	r	11'	1117	IV <i>P</i>	<u> </u>
14,409 14,281 127	14,634 14,486 148	14,836 14,647 190	14,972 14,815 157	15,252 15,106 146	15,481 15,365 117	15,787 15,666 121	1,382,189 1,380,429 1,760	1,401,211 1,399,308 1,903	1,412,306 1,410,018 2,288	1,433,189 1,431,642 1,547	1,452,432 1,450,729 1,703	1,476,732 1,475,230 1,503	1,497,612 1,495,797 1,815	21,671 21,568 103	21,961 21,842 119	22,429 22,272 157	22,648 22,571 78	22,760 22,682 78	23,283 23,211 72	23,798 23,710 87	1 2 3
9,888 630 95 9,352 3,014 2,042 45 1,997	10,064 638 103 9,529 3,058 2,047 47 2,000	10,242 644 111 9,709 3,075 2,052 46 2,006	10,347 656 101 9,792 3,090 2,090 50 2,041	10,591 670 101 10,022 3,132 2,098 45 2,054	10,766 682 104 10,188 3,178 2,115 45 2,070	11,016 696 97 10,417 3,237 2,133 43 2,089	60,685	1,019,366 61,386 -14,333 943,648 256,597 200,966 4,609 196,357	1,027,821 61,542 -14,139 952,140 257,999 202,166 4,576 197,590	1,046,515 63,027 -14,656 968,832 259,069 205,288 4,603 200,685	1,063,034 63,742 -15,109 984,183 261,955 206,294 4,462 201,832	1,085,253 64,865 -15,206 1,005,182 263,803 207,748 4,414 203,334	1,099,949 65,452 -15,281 1,019,215 268,949 209,448 4,421 205,028	16,777 1,021 -865 14,892 4,239 2,540 65 2,475	16,964 1,027 -860 15,077 4,313 2,571 73 2,498	17,467 1,053 -909 15,505 4,348 2,576 58 2,518	17,670 1,075 -933 15,662 4,367 2,620 53 2,566	17,674 1,070 -903 15,701 4,421 2,638 54 2,584	18,222 1,101 -973 16,147 4,474 2,662 53 2,608	18,703 1,126 -1,023 16,553 4,555 2,690 55 2,635	5 6 7 8 9
7,739 951 1,198 74 1,123	7,886 965 1,214 96 1,118	7,994 971 1,277 136 1,141	8,102 980 1,265 102 1,163	8,315 1,002 1,275 90 1,185	8,493 1,018 1,255 58 1,197	8,700 1,037 1,279 61 1,218	795,457 92,089 116,695 584 116,111	808,689 92,513 118,165 724 117,441	814,595 92,497 120,728 1,101 119,628	830,689 93,783 122,043 333 121,710	843,083 94,710 125,241 454 124,787	861,525 96,045 127,683 215 127,468	872,585 96,835 130,528 492 130,036	13,811 1,761 1,204 68 1,137	13,974 1,752 1,239 84 1,155	14,392 1,781 1,295 121 1,174	14,635 1,799 1,235 41 1,194	14,611 1,795 1,268 40 1,229	15,102 1,840 1,280 32 1,248	15,503 1,884 1,315 46 1,269	13 14 15
127 9,760 8,167 72 22 724 1,986 519 545 472 995 545 2,806 1,593 308 60 1,225	148 9,916 8,292 72 23 678 2,040 1,507 535 482 1,009 561 2,873 1,624 313 311 1,250	190 10,053 8,420 76 24 700 2,031 1,494 536 550 490 1,025 582 2,943 1,633 313 61 1,259	157 10,190 8,547 77 23 716 2,077 1,540 537 542 488 1,031 579 3,014 1,643 329 61 1,253	146 10,445 8,779 80 22 735 2,142 1,587 503 1,058 607 3,096 1,666 332 60 1,274	117 10,649 8,960 81 23 7188 2,187 1,614 573 555 530 1,065 618 3,183 1,689 335 61 1,294	121 10,895 9,203 84 22 725 2,290 1,703 587 569 1,631 3,259 1,631 1,298	1,760 1,002,482 839,254 5,187 (P) 139,300 68,677 70,623 65,300 59,283 72,497 140,037 311,096 163,228 44,300 6,202 112,727	1,903 1,017,483 852,942 5,265 (P) 139,873 68,517 71,356 65,462 60,712 73,840 142,069 318,269 318,269 164,522 44,364 113,911	2,288 1,025,533 860,974 5,479 (D) 140,282 68,473 71,808 66,737 61,303 74,732 139,393 324,539 164,539 44,532 6,204 113,824	1,547 1,044,988 877,392 5,711 (P) 140,473 68,647 71,826 60,083 62,740 75,500 146,002 330,924 167,576 46,393 6,338 114,845	1,703 1,061,332 893,092 5,685 (D) 141,695 68,997 72,698 66,701 63,273 76,835 150,984 336,522 168,240 46,273 115,678	1,503 1,083,750 912,020 5,781 P P 142,339 69,901 77,698 156,768 344,381 171,731 46,086 6,322 119,323	1,815 1,098,133 924,255 6,029 (P) 143,643 70,269 73,374 68,170 66,308 78,597 155,960 173,878 45,954 6,267 121,657	103 16,674 14,321 75 13 978 3,915 1,009 2,906 647 1,396 2,464 4,089 2,353 315 240 1,798	119 16,845 14,456 78 13,764 984 2,780 662 1,432 2,479 4,230 2,389 313 242 1,834	157 17,311 14,917 82 13 1,014 3,871 1,042 2,829 690 1,458 2,718 4,276 2,394 307 242 1,845	78 17,592 15,137 83 13,054 3,828 1,058 2,769 773 709 1,490 2,912 4,276 2,455 319 247 1,889	78 17,596 15,154 85 13 1,149 3,908 1,051 2,857 794 718 1,514 2,584 4,389 2,443 317 247 1,878	72 18,150 15,698 84 14 1,130 4,019 1,105 2,914 823 742 1,533 2,862 2,452 312 2,452 312 2,50 1,889	87 18,615 16,124 88 14 1,127 4,282 1,262 3,021 1,562 4,589 2,491 310 310 249 1,932	19 20 21 22 23 24 25 26 27 28 29 30 31 32

Table 7.—Personal Income by Major Source [Millions of dollars, seasonally

				Distr	ict of Colum	nbia						Maryland			
Line	ltem		1998			19	99			1998			19	999	
		li'	KI r	IV۶	} "	ll"	Mr	IV₽	ll'	,mr	JV	lr.	ll*	Wr	IV <i>P</i>
	Income by Place of Residence						i								
1 2 3	Personal income (lines 4-11) Nonfarm personal income Farm income (line 17)	18,892 18,892 0	19,103 19,103 0	19,274 19,274 0	19,637 19,637 0	19,809 19,809 0	19,858 19,858 0	20,056 20,056 0	155,623 155,357 266	158,173 157,875 297	160,240 159,853 387	162,887 162,620 267	164,593 164,320 273	167,615 167,380 235	170,305 170,010 295
	Derivation of Personal Income									.					
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	40,462 2,021 -25,454 12,987 3,334 2,571 61 2,510	41,034 2,056 -25,806 13,172 3,334 2,598 66 2,531	41,195 2,061 -25,836 13,298 3,364 2,613 64 2,548	42,574 2,145 -26,808 13,621 3,374 2,642 63 2,579	43,129 2,169 -27,177 13,783 3,370 2,656 66 2,590	42,992 2,150 -26,992 13,850 3,344 2,664 59 2,605	43,473 2,169 -27,262 14,041 3,334 2,681 60 2,621	100,520 6,059 16,609 111,070 28,255 16,298 336 15,962	102,459 6,157 16,838 113,140 28,628 16,404 333 16,071	104,184 6,238 16,967 114,914 28,849 16,478 304 16,173	105,883 6,377 17,652 117,159 28,981 16,747 294 16,453	107,243 6,439 17,662 118,467 29,284 16,842 285 16,557	110,137 6,602 17,573 121,108 29,544 16,964 271 16,693	112,054 6,692 17,832 123,193 29,971 17,140 294 16,846
	Earnings by Place of Work														
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 5 Farm proprietors' income Nonfarm proprietors' income	31,854 6,361 2,247 0 2,247	32,392 6,372 2,270 0 2,270	32,529 6,365 2,301 0 2,301	33,691 6,549 2,334 0 2,334	34,187 6,566 2,376 0 2,376	34,033 6,539 2,419 0 2,419	34,463 6,552 2,457 0 2,457	80,786 11,099 8,635 144 8,491	82,457 11,231 8,771 175 8,596	83,909 11,265 9,009 264 8,746	85,394 11,513 8,977 140 8,836	86,530 11,559 9,154 143 9,011	89,099 11,797 9,242 100 9,141	90,658 11,965 9,432 156 9,276
	Earnings by Industry														
17 18 19 20 21 22 23 24 25 62 27 28 29 30 31 32 33 34	Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other 6 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	0 40,462 22,718 847 (P) 978 201 776 1,131 320 877 2,309 15,807 17,444 14,438 1,077 2,229	0 41,034 23,353 874 (P) (P) (P) 774 1,136 309 8777 2,379 16,386 17,681 14,367 1,085 2,229	0 41,195 23,512 870 (P) 929 175 754 1,179 343 880 2,374 16,491 17,683 14,360 1,070 2,253	0 42,574 24,453 933 (P) 1,023 184 839 1,372 2,441 16,967 18,121 14,956 1,101 2,063	0 43,129 25,054 (P) 1,000 195 805 1,475 405 880 2,659 17,264 18,075 14,820 1,108 2,146	0 42,992 24,853 1,034 (P) 1,006 157 849 1,439 902 2,630 16,998 18,139 14,917 1,115 2,107	0 43,473 25,318 1,068 (P) 942 153 789 1,467 428 911 2,669 17,380 18,154 14,909 2,149	266 100,254 76,210 561 90 6,614 8,608 4,668 3,940 5,818 5,420 9,025 8,324 31,750 24,044 10,499 2,002 11,543	297 102,161 77,560 94 6,797 4,585 4,583 4,585 4,018 5,923 5,547 9,102 8,363 32,571 24,601 10,583 10,014 12,004	387 103,797 79,709 610 97 7,041 8,727 4,603 4,124 5,979 5,641 9,321 8,675 33,618 24,088 10,684 1,997	267 105,617 80,305 633 93 7,013 4,608 4,163 5,979 9,257 34,143 25,312 11,148 2,053 12,111	273 106,970 82,107 639 91 7,313 8,872 4,604 4,268 6,029 5,876 9,326 9,028 34,931 24,864 11,166 11,665	235 109,902 84,275 98 7,412 9,060 4,745 4,314 6,178 6,081 9,529 9,753 35,538 25,628 11,116 2,037 12,474	295 111,759 85,160 652 98 7,487 9,048 4,743 4,305 6,253 9,643 9,384 36,365 26,599 11,093 2,026 13,480

					Great Lakes	3						Illinois			
Line	ltem		1998			19	99			1998			1:	999	
		ll*	#) r	10"	ļr.	32	mr.	ĮV <i>₽</i>	- ·	Hir	IV"	Įr.	111	NI'	IV <i>P</i>
	Income by Place of Residence														
1 2 3	Personal income (lines 4-11) Nonlarm personal income Farm income (line 17)	1,194,441 1,191,394 3,047	1,208,767 1,205,276 3,491	1,227,834 -1,221,556 6,279	1,236,617 1,233,841 2,776	1,251,408 1,248,787 2,622	1,259,163 1,259,313 -150	1,284,126 1,279,394 4,732	357,234 356,473 761	362,423 361,518 904	368,811 366,779 2,031	372,914 372,248 666	377,431 377,078 353	378,850 379,451 –600	388,209 386,806 1,404
	Derivation of Personal Income			}											
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	858,532 50,823 3,452 811,161 228,345 154,935 3,167 151,768	868,748 51,180 3,535 821,103 231,831 155,833 3,975 151,859	887,685 51,919 3,538 839,304 233,167 155,364 3,170 152,194	893,633 52,701 3,618 844,550 234,310 157,757 3,407 154,349	905,082 53,182 3,666 855,565 237,505 158,339 3,192 155,148	908,460 53,306 3,739 858,893 240,883 159,387 3,194 156,193	927,278 53,925 3,791 877,144 246,227 160,755 3,382 157,373	260,725 15,135 -945 244,645 71,111 41,479 1,085 40,395	264,758 15,283 -936 248,538 72,289 41,595 1,087 40,509	270,758 15,491 -992 254,275 72,808 41,727 1,070 40,656	274,166 15,834 -1,025 257,307 73,193 42,414 1,151 41,263	277,629 15,975 -1,043 260,610 74,228 42,592 1,104 41,488	277,557 15,930 -986 260,641 75,289 42,921 1,138 41,783	284,939 16,175 -1,039 267,726 77,183 43,301 1,186 42,115
	Earnings by Place of Work					i '		i i			į .	1			
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income	697,073 85,793 75,666 894 74,772	705,995 85,780 76,973 1,292 75,680	719,928 86,591 81,167 4,041 77,126	727,449 87,105 79,080 495 78,585	736,701 87,935 80,445 279 80,165	741,507 88,018 78,935 -2,557 81,493	752,949 88,925 85,404 2,264 83,140	208,219 24,349 28,157 374 27,783	211,431 24,556 28,771 508 28,263	215,401 24,817 30,540 1,627 28,913	219,180 25,126 29,860 254 29,606	221,919 25,404 30,306 -71 30,376	222,224 25,270 30,063 -1,036 31,099	226,489 25,619 32,831 957 31,874
	Earnings by Industry		}	1	}	l				ļ	ł	}			
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other 6 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	3,047 855,485 737,533 4,019 2,597 48,615 219,000 151,829 67,171 52,616 55,474 72,982 63,823 218,409 18,281 3,705 95,965	3,491 885,257 746,728 4,021 2,678 49,201 219,379 151,529 67,850 53,419 56,312 73,275 65,393 223,051 118,529 18,411 3,691 96,428	6,279 881,407 762,240 4,383 2,643 50,513 222,072 153,522 68,550 54,525 57,501 73,974 69,194 227,435 119,167 18,612 3,662 96,896	2,776 890,857 769,487 4,426 2,536 51,935 153,710 68,840 53,792 53,792 231,3370 121,370 19,395 3,689 3,882 3,	2,622 902,460 779,910 4,438 2,506 52,548 224,439 155,377 69,062 53,641 53,906 76,145 76,394 236,873 122,550 19,424 3,774 3,774	-150 908,609 786,396 4,478 2,592 52,063 157,137 69,181 53,790 76,636 76,780 240,030 122,213 19,274 3,838 99,101	92,546 799,344 4,709 2,576 52,911 229,086 158,604 70,482 54,242 64,160 77,326 72,075 123,181 19,300 3,746 100,136	761 259,963 225,388 1,227 695 13,749 49,046 29,767 19,501 19,501 19,501 76,047 34,576 5,868 1,839 26,868	904 263,854 228,924 1,228 759 14,215 48,997 29,599 19,398 19,817 18,725 20,288 26,805 78,091 34,929 5,911 1,833 27,185	2,031 268,727 233,695 1,376 717 14,672 48,956 29,504 19,452 20,197 28,441 79,804 35,032 5,946 1,815 27,272	666 273,500 237,387 1,344 679 15,203 48,948 29,568 19,381 20,072 19,446 20,952 29,929 80,813 36,113 6,182 1,810 28,121	353 277,276 240,771 1,372 689 15,303 50,003 30,292 19,711 19,972 19,780 20,981 29,159 83,511 36,505 6,218 1,911 28,376	-600 278,157 241,798 1,369 720 15,068 49,247 29,613 19,634 19,783 20,103 21,284 29,819 84,404 36,360 6,108 1,980 28,272	1,404 283,536 246,821 1,440 15,248 50,659 30,562 20,097 19,995 20,571 21,408 30,346 86,436 36,775 6,077 1,890 28,748

and Earnings by Industry 1, 1998:II-1999:IV--Continued

adjusted at annual rates]

			New Jersey	,						New York							Pennsylvani	<u> </u>			
	1998		<u></u>	19	199			1998			19	99			1998			19	99		Line
II'	III r	iV r	1"	li r	lil "	IV <i>P</i>	ll r	IIIr	IV r	1"	llr.	III."	ΙVP	ll'	III "	IV r	١٢	ll*	lli'	IV <i>P</i>	1
276,110 275,875 235	281,579 281,326 252	283,354 283,074 280	287,484 287,254 230	291,224 290,991 234	295,605 295,371 234	301,782 301,538 244	582,400 581,888 512	588,884 588,342 542	591,100 590,455 645	602,970 602,476 494	611,914 611,339 574	624,783 624,283 500	631,171 630,547 624	327,493 326,849 644	331,511 330,819 692	335,909 335,089 820	337,562 337,084 479	342,132 341,588 544	345,588 345,126 462	350,500 349,935 565	1 2 3
188,299 11,688 17,410 194,022 50,775 31,314 1,064 30,250	193,270 11,989 17,275 198,557 51,637 31,385 1,057 30,328	194,607 12,008 17,208 199,807 52,047 31,499 1,065 30,434	197,550 12,234 17,865 203,181 52,315 31,988 1,097 30,891	200,098 12,322 18,273 206,049 53,015 32,160 1,099 31,061	203,869 12,489 18,974 210,354 52,894 32,357 1,074 31,283	208,236 12,699 18,943 214,480 54,701 32,602 1,069 31,533	433,333 26,024 -23,378 383,931 105,012 93,457 1,503 91,955	437,681 26,160 -23,365 388,156 106,243 94,485 1,588 92,897	438,243 26,001 -23,117 389,125 106,682 95,293 1,631 93,662	450,036 26,901 -24,081 399,054 107,069 96,847 1,663 95,184	458,209 27,261 -24,579 406,368 108,224 97,321 1,574 95,747	470,790 27,944 -25,560 417,286 109,450 98,047 1,561 96,486	474,931 28,051 -25,631 421,249 111,080 98,842 1,523 97,319	224,850 13,872 1,487 212,465 61,780 53,247 1,420 51,827	227,958 13,997 1,586 215,546 62,441 53,524 1,492 52,032	232,124 14,182 1,549 219,491 62,710 53,708 1,454 52,254	232,803 14,294 1,647 220,156 62,963 54,444 1,432 53,011	236,681 14,481 1,615 223,815 63,640 54,677 1,385 53,292	239,242 14,579 1,773 226,436 64,098 55,055 1,395 53,660	242,553 14,715 1,860 229,699 65,308 55,493 1,419 54,074	4 5 6 7 8 9 10
150,082 16,096 22,121 63 22,058	154,652 16,096 22,522 81 22,442	155,595 15,904 23,108 107 23,001	157,815 16,039 23,696 51 23,645	159,513 16,156 24,428 48 24,380	162,356 16,321 25,192 40 25,151	165,713 16,571 25,951 44 25,908	342,883 35,070 55,380 108 55,272	346,601 35,174 55,906 135 55,770	346,278 35,043 56,922 235 56,687	356,646 35,803 57,587 77 57,511	362,700 36,261 59,248 147 59,102	373,342 37,048 60,400 61 60,339	376,198 37,159 61,574 174 61,400	176,041 21,702 27,108 202 26,906	178,613 21,888 27,457 249 27,208	181,892 22,139 28,093 374 27,719	182,509 22,080 28,214 24 28,190	185,542 22,373 28,765 77 28,689	187,592 22,499 29,151 -18 29,169	190,050 22,704 29,799 72 29,727	12 13 14 15 16
235 188,064 161,138 807 226 8,237 28,601 9,819 18,782 16,206 16,472 14,232 17,431 158,925 26,926 4,210 755 21,961	252 193,018 166,189 805 230 8,417 29,292 10,097 19,195 16,385 17,015 14,525 18,656 60,865 26,829 4,234 775 21,819	280 194,327 168,029 849 234 8,449 29,404 10,037 16,622 17,283 14,516 19,087 61,583 26,299 4,256 772 21,270	230 197,320 170,485 239 8,860 29,36 29,36 10,040 19,296 16,461 17,708 14,617 19,412 62,948 26,835 4,423 780 21,632	234 199,864 172,877 862 226 9,138 29,632 10,274 19,358 16,392 17,792 20,103 3,970 26,987 4,388 77 21,819	234 203,636 175,548 838 229 9,468 29,402 10,310 19,092 16,552 17,931 15,040 20,259 65,830 28,087 4,386 779 22,922	244 207,992 179,321 880 9,708 29,950 10,471 19,488 16,751 15,278 20,687 67,468 28,671 4,358 74,235,38	512 432,821 370,561 1,828 421 15,513 50,555 26,734 23,821 26,088 23,378 91,555 133,304 62,260 8,333 1,347 52,580	542 437,139 374,234 1,848 415 15,718 50,152 23,878 25,692 24,421 28,077 92,003 162,905 8,386 8,386 1,342 53,177	645 437,598 373,995 1,930 414 16,102 50,181 26,253 23,828 24,411 28,440 138,796 63,604 8,433 53,831	494 449,542 384,664 1,997 46,658 50,234 26,381 23,853 25,897 24,899 29,106 64,878 8,829 1,354 54,694	574 457,635 392,043 1,979 4,154 50,387 26,308 24,079 26,161 25,210 29,711 143,886 65,591 8,834 1,322 55,436	500 470,291 403,977 2,007 430 17,446 51,422 27,207 24,215 26,902 30,075 101,580 66,313 8,713 1,354 56,246	624 474,307 407,790 2,088 417 17,914 51,335 24,342 26,849 30,469 100,389 100,389 165,517 8,688 1,327 56,502	644 224,207 194,305 1,085 12,429 46,644 26,246 20,398 15,311 12,504 19,589 17,954 29,902 6,505 782 22,616	692 227,266 197,150 1,082 12,676 47,140 26,430 20,711 15,51 19,827 18,189 30,115 6,483 785 22,848	820 231,305 200,812 1,137 1,612 13,097 47,168 26,270 20,898 15,982 12,936 20,117 18,998 69,765 30,492 6,783 7833 23,217	479 232,324 202,348 1,161 1,598 13,595 47,281 26,375 20,907 15,601 13,224 20,169 18,799 70,920 29,976 6,718 801 22,457	544 236,137 205,857 1,177 13,924 47,896 26,565 21,331 15,851 13,306 20,607 19,468 72,082 30,280 6,755 790 22,734	462 238,780 207,668 1,193 1,627 14,156 47,429 26,376 21,053 15,931 13,541 20,620 19,684 31,112 6,641 78,684 23,684	565 241,988 210,541 1,252 1,252 14,470 48,077 26,648 21,429 16,007 13,876 20,735 19,979 74,546 6,597 793 24,057	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
	1998		Indiana	19	199			1998		Michigan	19	99			1998		Ohio	19	99		Line
ll r	1998 III r	IV r	Indiana	19 II <i>r</i>	99 III *	IVP	ll'	1998 III <i>r</i>	Nr.	Michigan Ir	19 II <i>r</i>	99	IVP	ll'r	1998 III r	IV r	Ohio	19 11 r	99	ĮVΡ	Line
147,351 147,031 320		IV ' 152,190 151,206 985		F		158,828 158,087 741	117 263,083 262,743 340		267,843 267,073 770				IVP 279,390 278,617 773	II r 290,708 289,839 869		IV r 298,623 297,210 1,414				310,498 309,410 1,088	_
	149,723 149,305	152,190 151,206	152,696 152,500	153,690 153,514	155,030 155,567	158,828 158,087	263,083 262,743	263,927 263,475	267,843 267,073	1r 270,157 269,576	11 <i>r</i> 273,907 273,196	275,118 274,824	279,390 278,617	290,708 289,839	294,306 293,372	298,623 297,210	1 ^r 299,982 299,338	303,185 302,487	305,721 305,306	310,498 309,410	1 2 3
147,351 147,031 320 104,957 6,587 2,786 101,157 26,900 19,294 246	149,723 149,305 417 106,726 6,665 2,831 102,892 27,297 19,534 321	152,190 151,206 985 109,028 6,744 2,875 105,159 27,453 19,579 235	152,696 152,500 196 109,155 6,832 2,943 105,265 27,591 19,840	153,690 153,514 175 109,640 6,836 2,997 105,800 27,972 19,917 242	155,030 155,567 -536 110,533 6,913 2,992 106,612 28,385 20,033 240	158,828 158,087 741 113,488 6,992 3,055 109,551 29,106 20,171 246	263,083 262,743 340 191,511 11,673 890 180,729 47,396 34,959 791	263,927 263,475 452 191,277 11,605 929 180,602 48,148 35,178	267,843 267,073 770 195,772 11,818 940 184,893 48,374 34,575 833	270,157 269,576 581 197,440 11,986 96,380 48,603 35,174 924	273,907 273,196 711 200,615 12,127 929 189,417 49,260 35,230 793	275,118 274,824 294 200,872 12,113 956 189,715 49,971 35,431 748	279,390 278,617 773 203,966 12,226 972 192,711 50,914 35,764 804	290,708 289,839 869 206,332 11,565 -1,704 193,063 55,555 42,090	294,306 293,372 934 209,078 11,671 -1,733 195,673 56,299 42,334 780	298,623 297,210 1,414 213,391 11,841 -1,789 199,760 56,616 42,246 578	299,982 299,338 645 213,998 11,969 -1,784 200,246 56,863 42,874 627	303,185 302,487 699 216,439 12,065 -1,807 202,567 57,537 43,081 620	305,721 305,306 415 218,069 12,127 -1,817 -204,122 58,228 43,371 629	310,498 309,410 1,088 221,583 12,244 -1,837 207,502 59,277 43,719 660	1 2 3 4 5 6 7 8 9 10

Table 7.—Personal Income by Major Source [Millions of dollars, seasonally

					Wisconsin	•					·	Plains			
Line	Item		1998			19	99			1998			1:	999	
		ll'	Illr	IV r	lr.	11'	∭r	IV <i>P</i>	ll*	III r	۱۷r	1r	'	m ^r	IV <i>P</i>
1 2 3	Income by Place of Residence Personal income (lines 4-11) Nonfarm personal income Farm income (line 17)	136,065 135,308 757	138,388 137,605 783	140,368 139,288 1,080	140,868 140,178 689	143,196 142,512 684	144,443 144,165 278	147,200 146,474 726	483,190 477,750 5,440	490,338 484,227 6,111	502,503 490,180 12,323	502,041 496,572 5,469	509,342 503,506 5,836	511,482 508,942 2,539	528,980 518,631 10,348
4 5 6 7 8 9 10	Derivation of Personal Income Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits Earnings by Place of Work	95,006 5,863 2,425 91,568 27,384 17,113 444 16,670	96,909 5,956 2,444 93,397 27,799 17,193 471 16,722	98,737 6,024 2,504 95,216 27,915 17,236 454 16,782	98,874 6,080 2,558 95,352 28,061 17,455 452 17,003	100,759 6,179 2,590 97,170 28,508 17,518 433 17,085	101,429 6,223 2,597 97,803 29,010 17,631 438 17,192	103,302 6,288 2,640 99,654 29,747 17,800 487 17,313	346,064 21,829 -3,813 320,423 98,927 63,841 965 62,876	351,795 22,054 -3,878 325,863 100,187 64,288 1,010 63,278	363,461 22,294 -3,928 337,239 100,593 64,671 1,020 63,651	361,966 22,736 -3,988 335,243 101,080 65,718 1,066 64,652	367,867 23,009 -4,046 340,812 102,488 66,043 1,020 65,023	368,093 23,132 -4,086 340,875 104,021 66,586 1,077 65,509	381,851 23,412 -4,133 354,307 107,507 67,166 1,109 66,056
12 13 14 15	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income Farm proprietors' income Nonfarm proprietors' income	77,813 9,828 7,366 147 7,219	79,501 9,949 7,460 164 7,295	80,835 10,047 7,854 452 7,402	81,209 10,019 7,646 50 7,597	82,825 10,191 7,743 27 7,715	83,770 10,268 7,391 -396 7,787	84,968 10,360 7,974 35 7,939	276,437 33,263 36,365 3,416 32,949	280,900 33,503 37,393 4,019 33,374	285,426 33,791 44,244 10,176 34,068	289,788 34,102 38,077 3,264 34,813	294,305 34,489 39,074 3,552 35,522	297,088 34,648 36,356 171 36,185	301,824 35,098 44,930 7,903 37,027
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Earnings by Industry Farm earnings Nontarm earnings Private earnings Agricultural services, forestry, fishing, and other 6 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	757 94,249 80,463 526 144 5,956 25,822 16,259 9,564 5,571 5,571 3,766 6,418 21,943 13,786 1,627 284 11,875	783 96,126 82,220 530 145 6,040 26,350 16,507 9,843 5,638 8,442 6,552 26,552 11,980	1,080 97,657 83,539 566 16,492 9,947 5,982 8,543 7,081 22,966 14,119 1,688 278 12,152	689 98,185 84,116 590 6,541 25,929 16,115 9,814 5,693 6,931 23,531 14,069 1,762 286 12,021	684 100,075 85,853 594 136 6,578 26,641 16,578 10,063 5,783 6,075 8,794 7,135 24,117 14,223 1,763 283 12,177	278 101,151 86,599 611 6,402 26,918 16,577 10,341 5,833 6,917 7,007 24,583 14,552 1,745 282 12,525	726 102,576 87,964 640 6537 27,124 16,537 10,586 5,878 9,024 7,143 25,156 14,612 1,746 281 12,585	5,440 340,624 287,239 (P) 21,184 64,775 39,010 25,765 26,191 24,805 31,978 26,750 87,816 653,385 9,746 3,575 3,064	6,111 345,684 291,771 (P) 21,570 65,242 39,104 26,138 26,403 25,239 32,670 27,117 89,788 53,913 9,842 3,578 40,494	12,323 351,138 296,592 (P) 22,179 64,742 38,767 25,975 26,966 25,567 33,015 26,675 9,961 3,535 41,050	5,469 356,497 301,482 (P) 23,030 64,922 38,408 26,513 27,652 25,905 34,112 28,775 93,261 55,015 10,293 3,809 41,116	5,836 362,032 306,381 (P) 23,445 65,673 38,966 26,707 27,583 26,240 34,335 29,921 95,356 55,651 10,226 3,589 41,845	2,539 365,554 309,417 (P) 23,711 85,716 39,201 26,515 27,730 26,818 34,295 30,376 96,874 56,137 10,257 3,579 42,301	10,348 371,503 314,538 (P) (P) 24,374 66,212 39,767 26,445 28,052 27,088 34,687 30,875 99,220 56,985 10,344 3,713 42,908
					Missouri							Nebraska	1		
Line	item		1998		1411330411	19	99			1998		TYCDIASK		999	
i		1) "	111 "	IV r	1º	11'	1117	ΙVP	Hr.	llt"	IV ^r	r	ll'	1117	IVP
1 2 3	Income by Place of Residence Personal income (lines 4-11) Nonfarm personal income Farm income (line 17) Derivation of Personal Income	135,741 135,536 205	137,644 137,276 368	139,338 138,415 923	140,922 140,582 340	142,464 142,187 277	143,307 143,479 —173	146,104 145,613 491	42,479 41,302 1,177	43,319 42,002 1,317	44,624 42,324 2,300	44,458 43,102 1,356	45,279 43,744 1,535	45,335 44,273 1,061	47,770 45,135 2,635
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Not earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	98,299 5,995 -3,560 88,744 26,813 20,183 286 19,897	100,053 6,068 -3,633 90,353 27,022 20,269 291 19,978	101,561 6,090 -3,634 91,837 27,141 20,361 288 20,072	102,929 6,235 -3,736 92,957 27,253 20,712 287 20,425	104,188 6,291 -3,770 94,127 27,506 20,831 275 20,556	104,625 6,312 -3,771 94,542 27,748 21,017 290 20,727	106,779 6,371 -3,733 96,674 28,205 21,225 305 20,920	30,648 1,911 -594 28,144 8,876 5,459 44 5,415	31,339 1,939 -608 28,792 8,984 5,543 48 5,495	32,556 1,944 -607 30,005 9,019 5,600 43 5,556	32,326 1,999 -629 29,698 9,062 5,698 45 5,654	33,020 2,025 -641 30,354 9,186 5,739 49 5,690	32,915 2,039 -648 30,228 9,322 5,785 48 5,737	34,886 2,054 -656 32,175 9,758 5,837 47 5,790
12 13 14 15	Earnings by Place of Work Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 5 Farm proprietors' income Nonfarm proprietors' income	79,028 9,922 9,350 –69 9,419	80,424 9,998 9,631 82 9,548	81,126 10,011 10,423 628 9,795	82,681 10,167 10,081 39 10,042	83,712 10,228 10,247 -33 10,280	84,346 10,264 10,015 -491 10,506	85,465 10,410 10,904 164 10,740	23,551 2,861 4,236 853 3,384	24,031 2,897 4,411 979 3,433	24,209 2,898 5,449 1,951 3,498	24,790 2,943 4,594 997 3,597	25,202 2,980 4,838 1,161 3,677	25,478 2,994 4,443 672 3,771	25,765 3,011 6,109 2,231 3,879
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Earnings by Industry Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other 6 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services	205 98,094 83,305 491 264 6,259 18,150 10,485 7,685 8,151 6,609 9,253 7,638 26,489	368 99,685 84,732 498 264 6,415 18,246 10,492 7,754 8,256 6,717 9,384 7,937 27,014	923 100,637 85,572 530 280 6,684 17,887 10,309 7,578 8,416 6,808 9,471 8,111 27,383	340 102,588 87,098 547 265 6,948 17,988 10,072 7,916 8,864 6,853 9,701 8,388 15,491	277 103,911 88,385 546 289 7,105 18,096 10,300 7,796 8,413 6,946 9,897 8,785 28,307 15,526 3,461	-173 104,797 89,034 558 287 7,204 17,791 10,162 7,629 8,551 7,040 9,972 8,814 28,818	491 106,288 90,074 587 288 7,279 17,444 9,840 7,604 8,736 7,159 10,101 10,901 29,513	1,177 29,471 24,172 251 68 1,865 4,256 2,155 2,101 3,083 1,988 2,661 2,214 2,214 7,786 5,300	1,317 30,022 24,730 254 71 1,903 4,311 2,169 2,142 3,205 2,019 2,692 2,310 2,692 2,310 5,292	2,300 30,256 24,924 264 72 1,891 4,262 2,129 2,134 3,137 2,080 2,713 2,392 2,392 8,113 5,332	1,356 30,970 25,569 285 68 2,007 4,246 2,067 2,179 3,225 2,101 2,783 2,460 8,395 5,401	1,535 31,486 26,049 282 68 2,008 4,354 2,120 2,234 3,312 2,144 2,811 2,565 8,506 5,436	1,061 31,853 26,440 285 72 2,054 4,341 2,136 2,205 3,354 2,155 2,893 2,638 8,649 5,414	2,635 32,251 26,821 300 74 2,111 4,381 2,182 2,199 3,381 2,176 2,893 2,669 8,835 5,430

and Earnings by Industry $^{\rm I}$, 1998:II–1999:IV—Continued adjusted at annual rates]

			lowa							Kansas							Minnesota				
	1998			19	99			1998			19	99			1998			19	99		Line
Hr.	lli"	10 "	l ^r	11'	lil r	IV <i>₽</i>	r	IH'	IV"	l'	11'	m ^r	IV <i>P</i>	r	111 "	IV "	۱r	11"	Шr	IV <i>P</i>	L_
69,777 68,454 1,324	71,146 69,728 1,418	73,376 70,610 2,766	72,215 71,120 1,096	72,997 72,068 929	73,566 73,211 355	76,504 74,381 2,123	66,755 65,821 935	67,579 66,581 998	69,251 67,272 1,979	69,055 67,913 1,142	69,895 68,737 1,158	70,272 69,487 785	73,524 71,363 2,161	137,142 136,455 687	138,900 138,106 794	142,316 140,579 1,737	143,018 142,427 591	145,585 144,883 702	146,296 146,285 11	150,044 148,936 1,108	1 2 3
48,200 3,151 487 45,537 14,541 9,700 154 9,546	49,335 3,204 486 46,617 14,749 9,780 157 9,622	51,456 3,237 488 48,707 14,816 9,853 166 9,687	50,074 3,271 525 47,328 14,883 10,004 177 9,827	50,625 3,308 535 47,852 15,087 10,057 179 9,878	50,945 3,357 519 48,107 15,311 10,148 202 9,946	53,072 3,364 542 50,249 16,035 10,220 198 10,023	46,847 2,909 1,269 45,207 13,099 8,450 126 8,324	47,518 2,936 1,301 45,884 13,225 8,470 131 8,339	49,159 2,964 1,292 47,487 13,276 8,488 126 8,362	48,753 3,002 1,356 47,107 13,337 8,611 136 8,475	49,412 3,034 1,361 47,740 13,493 8,663 145 8,517	49,602 3,058 1,348 47,892 13,656 8,724 151 8,572	52,505 3,148 1,280 50,637 14,088 8,799 164 8,634	100,567 6,478 -899 93,191 28,606 15,345 319 15,026	101,700 6,511 -900 94,290 29,119 15,491 338 15,152	105,058 6,639 -935 97,484 29,225 15,607 349 15,257	105,499 6,775 -956 97,767 29,395 15,856 373 15,483	107,581 6,877 -976 99,728 29,960 15,897 331 15,566	107,528 6,886 -977 99,666 30,612 16,019 343 15,676	110,302 6,965 -989 102,348 31,539 16,156 357 15,799	4 5 6 7 8 9 10
37,990 4,529 5,681 971 4,710	38,892 4,606 5,837 1,053 4,784	39,523 4,663 7,270 2,392 4,877	39,752 4,666 5,656 715 4,941	40,342 4,715 5,568 539 5,029	41,119 4,778 5,049 -45 5,094	41,361 4,793 6,918 1,713 5,205	36,715 4,631 5,501 604 4,897	37,269 4,650 5,600 654 4,946	37,828 4,676 6,655 1,623 5,032	38,135 4,707 5,911 774 5,137	38,680 4,747 5,985 774 5,211	39,155 4,772 5,675 382 5,293	40,459 4,901 7,145 1,741 5,404	83,162 9,198 8,207 196 8,011	84,076 9,221 8,404 296 8,108	86,181 9,380 9,498 1,232 8,266	87,553 9,430 8,516 73 8,443	89,185 9,601 8,796 166 8,629	89,681 9,621 8,227 -544 8,771	91,057 9,722 9,523 534 8,989	12 13 14 15 16
1,324 46,877 39,161 355 96 3,018 10,289 6,399 3,891 3,040 4,503 3,667 4,503 10,797 7,716 1,075 1,976 6,444	1,418 47,917 40,140 353 3,139 10,486 6,530 3,956 3,074 4,578 3,819 11,034 7,777 1,079 197 6,501	2,766 48,690 40,757 385 100 3,229 10,463 6,470 3,994 4,664 11,265 7,933 1,098 196 6,640	1,096 48,978 41,065 94 3,203 10,311 6,384 3,927 3,545 4,652 11,615 7,913 1,164 202 6,547	929 49,696 41,734 404 90 3,241 10,446 6,427 4,019 3,253 3,587 4,692 4,137 11,883 7,962 1,138 201 6,623	355 50,590 42,387 405 94 3,201 10,535 6,507 4,028 3,190 3,886 4,793 12,084 8,203 1,134 200 6,870	2,123 50,948 42,656 430 96 3,264 10,497 6,540 3,957 3,203 3,680 4,844 4,281 12,361 8,292 1,144 198 6,951	935 45,912 37,794 281 521 2,775 8,700 5,665 3,035 3,478 4,529 10,947 8,118 1,497 978 5,643	998 46,521 38,338 288 513 2,790 5,646 3,054 3,054 3,499 4,570 1,253 8,182 1,496 992 5,694	1,979 47,180 38,930 308 495 2,838 8,741 5,656 3,085 3,897 3,569 4,622 1,406 8,250 1,406 8,250 1,406 8,257	1,142 47,611 39,152 321 469 3,002 8,694 5,562 3,132 4,016 3,527 4,667 3,026 11,430 8,459 1,548 1,010 5,902	1,158 48,254 39,778 320 462 2,991 8,790 5,659 3,131 1,157 1,571 8,476 1,543 985 5,949	785 48,817 40,327 331 471 3,033 8,866 5,713 3,153 4,206 3,694 4,790 11,762 8,489 1,545 973 5,971	2,161 50,345 41,761 350 476 3,122 9,548 6,322 3,225 4,254 3,815 4,867 3,238 12,092 8,584 1,522 987 6,074	687 99,881 86,562 (P) (D) 5,894 20,885 12,559 8,326 6,595 7,846 8,883 9,040 26,495 13,319 1,971 292 11,055	794 100,907 87,304 (P) 5,946 20,967 12,492 8,475 4,418 7,907 9,291 8,740 27,109 13,602 1,992 292 11,319	1,737 103,321 89,555 (P) (P) 6,129 20,848 12,431 8,418 8,674 9,413 9,533 27,873 13,764 292 11,450	591 104,908 91,406 (P) (P) (P) 6,403 21,152 12,564 8,278 10,064 13,501 2,090 294 11,118	702 106,879 92,898 (P) (D) 6,615 21,369 12,672 8,698 8,367 9,659 29,256 13,980 2,107 291 11,582	11 107,517 93,533 (P) (D) 6,659 21,571 12,883 8,688 8,410 9,524 9,929 29,669 13,984 2,090 297 11,597	1,108 109,195 95,110 (P) (D) 6,982 21,655 13,032 8,621 8,584 9,686 10,067 30,364 14,084 2,101 11,686	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

		N	lorth Dakot	a					8	South Dako	a				·		Southeast	·	·	·	
	1998			19	99			1998			19	99			1998			19	199		Line
ll'	lii <i>r</i>	IV "	۱r	11"	m'	ĮVP.	ll"	m ^r	IV r	l ^r	<i>r</i>	Mr.	IV <i>P</i>	11"	III r	IV ^r	r	II <i>'</i>	ll!r	IV₽	
14,302 13,947 355	14,490 14,083 408	15,369 14,220 1,149	14,605 14,443 162	14,813 14,570 244	14,460 14,737 -278	15,733 15,204 530	16,994 16,236 758	17,261 16,452 809	18,229 16,759 1,470	17,769 16,986 783	18,309 17,319 991	18,246 17,470 777	19,301 18,000 1,301	1,607,270 1,597,023 10,247	1,634,507 1,622,624 11,883	1,661,224 1,644,800 16,424	1,680,967 1,667,914 13,053	1,701,177 1,687,816 13,361	1,715,480 1,706,981 8,499	1,753,136 1,740,449 12,687	1 2 3
9,918 663 -319 8,935 3,086 2,282 21 2,260	10,052 666 -323 9,063 3,131 2,297 29 2,267	10,909 671 -324 9,913 3,146 2,309 33 2,276	10,125 689 -333 9,103 3,160 2,342 34 2,308	10,289 692 -332 9,264 3,202 2,347 27 2,319	9,880 696 -337 8,846 3,248 2,365 30 2,335	10,897 708 -345 9,843 3,510 2,380 28 2,352	11,584 722 -197 10,665 3,907 2,421 14 2,407	11,797 730 -202 10,865 3,956 2,439 15 2,424	12,763 748 -209 11,806 3,969 2,454 14 2,440	12,261 764 -214 11,283 3,991 2,495 14 2,481	12,752 782 -223 11,747 4,053 2,509 13 2,496	12,598 783 -222 11,594 4,124 2,528 13 2,516	13,410 800 -230 12,380 4,373 2,549 11 2,538	1,116,053 67,993 8,263 1,056,323 311,331 239,615 2,974 236,641	1,138,033 68,972 8,355 1,077,416 315,980 241,110 3,121 237,989	1,162,537 69,877 8,285 1,100,946 317,778 242,501 3,112 239,389	1,177,495 71,337 8,525 1,114,683 319,288 246,995 3,083 243,913	1,191,924 71,915 8,876 1,128,884 323,586 248,706 3,118 245,588	1,203,881 72,675 8,765 1,139,971 324,646 250,863 3,079 247,784	1,230,145 73,731 8,747 1,165,160 334,597 253,379 3,120 250,259	4 5 6 7 8 9 10
7,650 996 1,272 223 1,049	7,724 998 1,330 270 1,060	7,819 1,002 2,088 1,007 1,081	7,990 1,017 1,118 15 1,103	8,056 1,022 1,211 91 1,120	8,135 1,024 720 –437 1,157	8,307 1,040 1,550 364 1,186	8,340 1,126 2,118 639 1,479	8,485 1,133 2,180 685 1,494	8,740 1,161 2,863 1,343 1,520	8,888 1,172 2,202 652 1,550	9,127 1,196 2,429 854 1,575	9,175 1,196 2,228 635 1,593	9,410 1,220 2,780 1,154 1,625	887,306 117,711 111,036 7,162 103,874	905,104 118,961 113,968 8,750 105,217	921,745 120,021 120,771 13,247 107,524	936,888 121,155 119,452 9,816 109,636	947,659 122,065 122,200 10,042 112,158	961,635 123,199 119,047 5,092 113,955	979,350 124,646 126,148 9,197 116,952	12 13 14 15 16
355 9,563 7,442 70 198 812 507 305 844 804 969 552 2,524 2,121 440 452 1,229	408 9,644 7,526 693 194 670 824 514 310 856 814 971 577 2,550 2,118 443 443 443 1,236	1,149 9,760 7,632 74 187 691 824 514 310 862 823 963 600 2,609 2,128 446 425 1,257	162 9,963 7,782 79 176 717 825 519 307 845; 841 995 606 2,698 2,181 466 427 1,287	244 10,045 7,862 80 167 721 856 540 316 845 843 990 626 2,735 2,184 488 423 423	-278 10,157 7,970 174 806 842 535 307 846 848 996 644 2,735 2,188 465 424 424	530 10,368 8,137 83 173 842 868 554 314 858 856 1,004 653 2,799 2,230 472 472 472 1,338	758 10,827 8,804 132 87 705 1,684 1,240 444 745 712 1,180 781 2,778 2,023 2,023 549 208 1,266	809 10,988 9,000 136 1,768 1,261 446 723 1,184 838 2,864 1,989 1,989 553 2,222	1,470 11,293 9,222 140 70 717 1,716 1,259 458 775 735 1,204 921 2,944 2,071 2,943	783 11,479 9,409 146 59 750 1,705 1,240 465 804 759 1,250 921 3,015 2,070 587 1,266	991 11,761 9,675 147 64 764 1,762 1,249 513 809 764 1,252 1,016 3,097 2,086 218 218 1,287	777 11,822 9,726 148 58 755 1,770 1,264 506 807 786 1,267 979 3,156 2,096 2,096	1,301 12,109 9,978 155 55 774 1,819 1,297 522 808 817 1,292 1,001 3,256 2,131 592 2,131 1,318	10,247 1,105,806 901,193 7,535 9,600 69,368 179,837 96,251 83,556 78,105 68,219 108,929 80,112 299,488 204,613 42,419 27,871 134,323	11,883 1,126,150 918,783 7,681 9,576 70,238 182,277 97,985 84,292 79,859 70,040 110,467 82,110 306,534 207,367 42,608 27,945 136,814	16,424 1,146,114 936,942 8,027 72,201 182,178 98,035 84,125 81,468 71,536 111,881 11,881 11,841 209,172 43,056 27,931	13,053 1,164,4973 952,973 8,300 8,842 73,196 181,836 97,894 83,942 82,804 73,153 114,708 86,033 324,052 211,470 44,534 211,470 138,595	13,361 1,178,562 965,612 965,612 8,288 8,437 74,320 183,227 98,792 84,435 82,776 74,795 116,393 88,341 329,055 212,590 44,212 28,045 140,693	8,499 1,195,381 978,978 8,436 8,858 74,197 185,684 100,841 84,843 83,913 75,468 117,128 89,780 335,515 216,404 44,132 28,068 144,204	12,687 1,217,458 999,549 8,890 8,807 75,741 188,035 101,868 84,809 77,389 118,962 91,413 345,504 217,909 44,332 27,937	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33

Table 7.—Personal Income by Major Source [Millions of dollars, seasonally

					Alabama		-					Arkansas			
Line	ltem		1998			19	99			1998			19	999	
		11'	Wr	IV r	l ^r	ll'	III r	ΙVP	Hr.	III.	۱۷r	lr .	ll*	Mr.	IV <i>P</i>
	Income by Place of Residence									1					
1 2 3	Personal income (lines 4-11)	95,129 94,271 858	96,472 95,408 1,063	97,971 96,501 1,470	98,636 97,464 1,172	99,782 98,642 1,140	100,742 99,952 790	101,915 100,924 991	53,108 51,833 1,274	53,955 52,524 1,430	55,228 53,061 2,168	55,352 53,837 1,515	56,173 54,346 1,827	55,956 55,179 776	58,202 56,163 2,039
	Derivation of Personal Income									l		}		ļ ,	
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	66,204 4,190 814 62,828 16,375 15,925 217 15,708	67,279 4,230 843 63,892 16,606 15,973 217 15,756	68,654 4,274 866 65,246 16,686 16,039 216 15,823	69,017 4,335 887 65,569 16,754 16,313 198 16,115	69,869 4,380 900 66,389 16,964 16,429 205 16,224	70,484 4,424 915 66,975 17,191 16,576 211 16,366	71,170 4,438 948 67,680 17,499 16,737 211 16,526	36,516 2,339 -258 33,919 9,621 9,567 185 9,383	37,167 2,362 -263 34,543 9,766 9,645 218 9,428	38,389 2,382 -265 35,741 9,815 9,672 195 9,477	38,380 2,437 -279 35,665 9,861 9,826 182 9,644	39,012 2,450 -276 36,286 9,999 9,888 182 9,706	38,609 2,486 -288 35,835 10,153 9,967 180 9,787	40,513 2,519 -296 37,699 10,448 10,055 176 9,879
	Earnings by Place of Work								į						
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 5 Farm proprietors' income Nonfarm proprietors' income	52,661 7,097 6,446 726 5,720	53,426 7,159 6,695 930 5,764	54,230 7,227 7,198 1,336 5,862	54,756 7,235 7,026 1,036 5,989	55,517 7,291 7,061 1,002 6,059	56,318 7,329 6,837 648 6,189	56,704 7,308 7,158 847 6,311	28,063 3,627 4,827 1,019 3,808	28,507 3,662 4,998 1,170 3,828	28,901 3,702 5,786 1,904 3,882	29,433 3,716 5,231 1,245 3,986	29,700 3,742 5,570 1,549 4,021	30,252 3,790 4,567 490 4,077	30,771 3,836 5,906 1,744 4,162
	Earnings by Industry								l						
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Farm earnings Nonlarm earnings Private earnings Agricultural services, forestry, fishing, and other 6 Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	858 65,346 52,077 646 4,132 13,716 7,744 5,973 4,167 13,799 6,226 3,684 15,329 13,269 3,323 1,226 8,720	1,063 66,216 52,720 380 641 4,116 13,866 7,853 6,012 4,248 6,291 3,743 15,576 13,496 3,352 1,230 8,914	1,470 67,184 53,364 404 638 4,179 13,823 7,844 5,980 4,311 3,936 6,365 3,956 3,950 15,758 13,819 3,370 1,220 9,230	1,172 67,845 54,027 629 4,371 13,796 7,821 5,975 4,248 4,042 6,544 3,958 16,022 13,818 3,403 1,229 9,186	1,140 68,729 54,831 602 4,293 13,907 7,941 5,966 4,391 6,590 4,063 13,898 3,357 1,199 9,341	790 69,694 55,7425 612 4,473 13,997 8,018 5,979 4,431 16,599 13,952 3,325 1,165 9,463	991 70,179 56,2450 596 4,564 13,790 7,855 5,935 4,524 6,800 4,264 13,955 3,303 1,074 9,578	1,274 35,242 29,158 266 193 2,1001 8,054 4,543 3,511 3,053 4,016 1,765 6,084 1,146 439 4,498	1,430 35,737 29,584 193 2,079 8,183 4,595 3,588 3,11,889 4,008 1,805 8,048 6,154 1,161 430 4,562	2,168 36,221 29,934 273 189 2,104 8,202 4,603 3,599 3,118 1,922 4,104 1,875 1,225 4,104 1,875 1,225 4,104 4,632	1,515 36,866 30,597 295 185 2,271 8,205 4,564 3,641 3,187 4,418 1,860 8,256 6,268 1,186 432 4,650	1,827 37,185 30,854 182 2,224 8,327 4,619 3,708 4,316 1,968 4,316 1,948 6,331 1,185 428 4,718	776 37,832 31,474 296 195 2,237 8,529 4,736 3,794 3,202 4,395 1,964 8,649 8,649 8,358 1,195 433 4,730	2,039 38,475 32,000 313 193 2,310 8,539 4,899 3,730 3,214 4,480 2,016 8,881 6,475 1,201 432 4,841

					Louisiana							Mississipp	i		
Line	ltem		1998			19	99			1998			19	999	
		11"	lli"	۱۷r	l ^r	r	III r	ΙVP	117	III r	IV ^r	r	Hr.	III r	IV <i>P</i>
	Income by Place of Residence														
1 2 3	Personal income (lines 4-11) Nonfarm personal income Farm income (line 17)	96,653 96,360 293	97,326 97,003 323	98,188 97,552 636	98,640 98,099 541	99,407 98,623 784	99,341 98,934 406	101,197 100,267 929	53,840 53,158 682	54,793 53,962 831	55,727 54,536 1,190	55,733 55,096 637	56,261 55,541 720	56,972 56,395 577	58,127 57,100 1,027
	Derivation of Personal Income														
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	67,655 3,696 -152 63,806 15,932 16,914 125 16,789	68,020 3,696 -139 64,185 16,148 16,993 157 16,836	68,696 3,696 -131 64,869 16,258 17,061 165 16,896	68,843 3,723 -124 64,995 16,338 17,307 164 17,143	69,288 3,718 -116 65,455 16,532 17,420 186 17,234	68,892 3,699 -103 65,090 16,730 17,520 166 17,354	70,337 3,734 -105 66,498 17,057 17,641 152 17,489	36,210 2,286 1,269 35,193 8,369 10,279 112 10,167	37,016 2,320 1,275 35,971 8,505 10,318 116 10,202	37,860 2,340 1,287 36,807 8,555 10,365 117 10,248	37,657 2,373 1,300 36,585 8,594 10,554 106 10,448	37,977 2,381 1,326 36,922 8,710 10,630 107 10,522	38,492 2,416 1,342 37,418 8,836 10,718 98 10,619	39,315 2,430 1,362 38,246 9,044 10,836 108 10,729
	Earnings by Place of Work														
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income Farm proprietors' income Nonfarm proprietors' income	52,753 7,345 7,557 109 7,447	53,046 7,345 7,629 137 7,492	53,312 7,335 8,049 447 7,602	53,470 7,311 8,062 348 7,714	53,582 7,312 8,394 585 7,809	53,527 7,263 8,102 202 7,900	54,244 7,325 8,768 719 8,048	28,273 3,989 3,948 500 3,448	28,861 4,034 4,120 647 3,473	29,271 4,059 4,530 1,003 3,528	29,543 4,085 4,029 445 3,584	29,751 4,096 4,130 522 3,608	30,315 4,158 4,020 372 3,647	30,608 4,175 4,533 816 3,717
	Earnings by Industry								- 1						
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other 6 Mining Construction Manulacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	293 67,362 54,772 360 3,531 5,384 9,178 3,832 5,345 5,133 3,737 6,055 3,594 17,801 17,801 17,801 11,590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,12590 2,011 1,01 1	323 67,697 54,908 3,611 3,433 5,211 9,200 3,818 5,382 5,179 6,098 3,744 17,898 12,789 2,025 1,155 9,609	636 68,060 55,236 3,318 5,229 9,243 3,824 5,419 5,254 6,132 3,787 12,624 2,036 1,155 9,633	541 68,302 55,529 436 3,076 5,306 9,203 3,775 5,429 5,197 6,296 3,724 18,454 12,773 2,125 1,196	784 68,505 55,6201 2,881 5,191 9,309 3,774 5,535 5,122 6,317 3,814 18,647 12,881 2,077 1,177 1,177	406 68,486 55,739 409 3,074 4,991 3,941 5,480 5,100 3,795 6,360 3,775 12,747 2,080 1,174 2,080	929 69,408 56,503 429 3,079 5,127 9,317 5,540 5,154 6,381 3,836 6,381 12,299 12,905 2,093 1,160 9,651	682 35,528 27,819 248 347 2,298 7,516 4,805 2,711 2,292 3,531 1,647 8,206 7,709 1,461 1,025 5,224	831 36,184 28,386 249 352 2,317 7,719 4,966 2,753 2,298 3,600 1,662 8,435 7,799 1,476 1,026 5,297	1,190 36,670 28,820 254 347 2,365 7,726 4,970 2,756 2,308 8,657 1,497 1,497 1,497 1,497 1,497	637 37,020 28,978 284 334 2,490 7,796 5,013 2,783 2,290 1,767 3,799 1,732 8,577 8,042 1,531 1,042 5,469	720 37,256 29,198 301 2,312 7,742 4,955 2,787 2,311 1,778 3,817 1,778 8,901 8,058 1,515 1,045 5,498	577 37,914 29,639 298 309 2,273 7,880 2,289 2,289 2,289 1,836 3,887 1,802 9,064 8,275 1,526 1,061	1,027 38,288 29,978 316 319 2,319 7,891 5,069 2,822 2,315 1,861 3,908 1,836 9,215 8,310 1,517 1,517 1,575 5,735

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

896,997 394,796 2,201 245,768 15,396 890 231,262 103,424 62,311 670 61,642	1998 III. 403,675 401,150 2,524 250,822 15,626	IV r 409,456 406,331 3,125	17 413,483 409,622	19 II r	99	IV <i>P</i>		1998											20		Line
396,997 394,796 2,201 245,768 15,396 15,396	403,675 401,150 2,524	409,456 406,331		ll r	1117	IV <i>P</i>					19	99			1998			19	99		Lun
245,768 15,396 890	401,150 2,524	406,331	413,483				ll r	HI*	IV r	Įr.	r	III r	IV <i>P</i>	117	llt"	IV?	<i>r</i>	'	1117	IV <i>P</i>	Ĺ
15,396 890	250,822	J	409,622 3,862	420,507 417,241 3,266	425,494 422,826 2,668	434,354 431,715 2,639	194,719 193,229 1,489	199,478 197,694 1,784	203,799 201,386 2,413	207,041 205,190 1,851	210,134 208,175 1,959	212,697 211,451 1,246	217,422 215,843 1,579	86,541 85,606 935	87,945 86,924 1,021	89,193 87,729 1,464	90,050 89,134 916	90,813 90,025 788	92,123 91,414 709	93,956 93,037 919	
01,042	15,626 904 236,101 104,898 62,675 684 61,991	255,890 15,829 915 240,976 105,436 63,044 684 62,360	258,343 16,008 941 243,276 105,921 64,287 708 63,578	263,859 16,338 946 248,467 107,311 64,729 700 64,030	266,883 16,494 966 251,354 108,859 65,280 659 64,621	273,465 16,861 966 257,570 110,825 65,959 671 65,288	149,345 8,664 -413 140,268 31,832 22,618 254 22,364	153,587 8,863 -446 144,278 32,364 22,837 265 22,572	157,646 9,020 -465 148,160 32,617 23,022 268 22,755	160,540 9,264 -508 150,768 32,812 23,461 269 23,192	163,067 9,365 –507 153,195 33,306 23,633 280 23,354	165,028 9,475 -517 155,036 33,816 23,845 279 23,566	168,992 9,649 -546 158,797 34,518 24,108 303 23,805	60,594 3,698 -649 56,247 15,261 15,034 232 14,801	61,811 3,755 -671 57,385 15,483 15,076 235 14,841	62,935 3,779 -651 58,505 15,559 15,128 229 14,899	63,627 3,877 -725 59,025 15,631 15,393 230 15,163	64,066 3,898 -702 59,467 15,845 15,501 240 15,261	65,080 3,950 -715 60,415 16,080 15,628 239 15,389	66,524 4,012 -741 61,771 16,403 15,782 248 15,534	1
195,840 26,021 23,907 1,276 22,630	200,053 26,297 24,473 1,594 22,879	203,810 26,535 25,546 2,188 23,357	205,179 26,475 26,689 2,911 23,778	210,151 26,989 26,719 2,297 24,422	213,056 27,206 26,622 1,677 24,945	218,624 27,711 27,130 1,630 25,500	118,431 15,039 15,876 1,217 14,659	121,812 15,285 16,489 1,510 14,979	124,606 15,469 17,571 2,137 15,434	127,396 15,725 17,420 1,568 15,851	129,237 15,843 17,987 1,668 16,319	131,299 16,008 17,721 947 16,774	134,228 16,270 18,493 1,271 17,223	47,976 6,747 5,870 736 5,134	48,983 6,828 5,999 816 5,183	49,551 6,849 6,536 1,256 5,279	50,604 6,976 6,047 705 5,342	51,050 7,002 6,014 573 5,441	51,955 7,119 6,007 489 5,518	52,973 7,231 6,320 694 5,626	1 1 1 1
2,201 243,567 201,712 2,484 393 14,730 20,488 12,882 7,606 15,450 15,758 27,140 24,397 80,872 4,472 30,253	2.524 248,298 205,837 2.562 387 14,852 20,573 12,960 7,631 16,417 27,748 24,829 82,838 42,461 7,197 4,418 30,846	3,125 252,765 210,015 2,629 385 15,160 20,599 12,941 7,659 28,038 25,273 85,265 42,750 7,282 4,292 31,176	3,862 254,481 212,354 2,657 339 15,200 20,315 12,707 7,608 16,243 17,058 28,337 25,581 86,624 42,127 7,666 4,307 30,154	3,266 260,592 217,486 2,654 350 15,626 20,669 12,886 7,783 16,220 17,430 29,015 26,221 89,302 43,106 7,555 4,168 31,383	2,668 264,216 220,564 2,723 353 15,702 20,497 12,844 7,653 16,536 17,631 29,076 26,949 91,097 43,651 7,534 4,087 32,029	2,639 270,826 226,724 2,853 346 15,978 20,932 13,296 7,636 16,890 18,159 29,443 27,574 94,549 44,101 7,517 4,062 32,522	1,489 147,856 123,400 854 395 8,378 23,460 11,006 12,454 14,079 12,639 13,237 11,531 38,826 24,456 5,426 3,358 15,672	1,784 151,803 127,092 871 402 8,695 24,201 11,337 12,896 13,438 40,120 24,711 5,429 3,357 15,924	2,413 155,230 920 410 9,151 124,105 11,342 12,763 14,894 13,488 13,78 12,663 40,882 24,942 5,484 3,305 16,154	1,851 158,682 133,421 947 405 9,461 24,567 11,235 13,332 13,716 13,911 12,237 42,676 25,269 3,377 16,183	1,959 161,108 135,811 947 409 9,665 24,535 11,416 13,120 14,136 14,436 12,568 43,740 25,297 5,754 3,296 16,246	1,246 163,748 975 435 9,835 25,048 12,001 13,447 14,089 14,585 12,899 44,816 25,634 5,728 3,313 16,592	1,579 167,413 141,533 1,033 419 9,997 25,756 12,041 13,715 14,453 14,453 14,453 14,853 16,853 16,853 16,853 16,853 16,853 16,853	935 59,658 48,671 411 1,340 3,571 12,831 7,987 4,844 6,631 3,279 5,992 13,608 10,987 1,919 1,655 7,413	1,021 60,790 49,649 414 1,380 3,588 13,073 8,169 4,903 3,379 6,100 13,805 13,805 11,141 1,912 1,665 7,563	1,464 61,471 50,271 456 1,350 13,712 13,123 8,181 4,942 4,691 3,430 6,130 3,273 14,105 11,206 11,943 1,669 7,588	916 62,712 51,136 456 1,252 3,212 8,283 4,929 3,546 6,303 3,224 14,600 11,575 2,043 1,721 7,812	788 63,278 51,600 478 1,193 3,821 13,218 8,258 4,959 3,647 6,400 3,316 14,803 11,678 7,965	709 64,371 52,331 462 1,259 3,591 13,637 8,672 4,965 3,591 6,525 3,350 14,959 12,040 1,677 8,283	919 65,605 53,340 487 1,242 3,860 13,860 8,846 5,014 6,600 3,402 15,328 12,266 2,117 1,678 8,471	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		N	orth Carolin	ia .					Sc	outh Carolin	na						Tennessee				-
	1998			19	^^			1998			19				1998			199			Li

		N	orth Carolin	na					Se	outh Carolin	na						Tennessee				ŀ
	1998			19	999			1998			19	99			1998			19	99		Line
Hr.	llt"	lV "	ļr	ll ^r	III "	IV <i>P</i>	111	lli"	۱۷°	1r	ll'	III r	lV₽	11."	III'	10 "	ļr	11'	m'	IV <i>P</i>]
188,106 186,210 1,896	191,606 189,443 2,164	195,081 192,303 2,778	197,934 195,911 2,023	200,334 198,263 2,071	198,155 197,192 963	205,983 204,189 1,794	84,935 84,668 267	86,797 86,503 295	88,394 87,999 396	89,132 88,926 207	90,663 90,344 320	91,859 91,640 218	93,547 93,226 322	131,921 131,888 33	133,789 133,704 84	135,695 135,395 300	137,177 137,075 101	139,269 139,094 175	141,194 141,263 –68	143,461 143,302 159	1 2 3
136,853 8,488 -814 127,551 34,529 26,026 397 25,628	139,743 8,620 -827 130,296 35,119 26,192 402 25,789	143,006 8,748 -840 133,418 35,290 26,373 411 25,962	145,385 8,998 -869 135,518 35,473 26,942 399 26,543	147,070 9,067 -890 137,113 36,054 27,167 408 26,759	147,468 9,144 -883 137,441 33,229 27,484 444 27,041	150,711 9,242 -896 140,573 37,568 27,841 482 27,359	59,554 3,641 1,047 56,960 14,784 13,191 166 13,025	61,114 3,719 1,061 58,456 15,007 13,335 175 13,160	62,546 3,784 1,077 59,839 15,089 13,467 189 13,277	62,933 3,834 1,127 60,227 15,160 13,745 192 13,553	64,199 3,888 1,132 61,443 15,369 13,851 196 13,656	65,072 3,932 1,141 62,280 15,590 13,989 199 13,790	66,340 3,987 1,161 63,514 15,902 14,131 191 13,941	97,981 5,959 -1,017 91,005 20,464 20,451 315 20,136	99,326 6,010 -1,022 92,293 20,872 20,624 346 20,278	101,046 6,066 -1,035 93,945 21,009 20,741 328 20,413	102,128 6,162 -1,005 94,960 21,097 21,120 326 20,794	103,914 6,234 -1,073 96,606 21,401 21,262 327 20,935	105,435 6,310 -1,104 98,020 21,730 21,444 21,120	107,117 6,362 -1,114 99,640 22,194 21,626 297 21,329	4 5 6 7 8 9 10 11
110,209 13,792 12,852 1,439 11,413	112,538 13,956 13,249 1,692 11,557	114,787 14,098 14,121 2,294 11,827	117,537 14,326 13,523 1,528 11,995	118,858 14,407 13,805 1,561 12,244	120,367 14,548 12,554 436 12,117	122,117 14,651 13,943 1,252 12,691	48,179 6,205 5,171 143 5,028	49,481 6,342 5,290 171 5,119	50,610 6,431 5,505 271 5,234	51,033 6,493 5,407 79 5,328	51,944 6,591 5,665 187 5,477	52,757 6,668 5,646 82 5,565	53,692 6,740 5,907 181 5,726	76,423 9,123 12,435 –118 12,552	77,494 9,147 12,685 -71 12,757	78,607 9,201 13,237 141 13,096	79,493 9,281 13,354 -60 13,414	80,702 9,377 13,835 10 13,825	82,033 9,493 13,909 -238 14,147	83,020 9,566 14,531 -15 14,546	12 13 14 15 16
1,896 134,957 110,650 903 2011 9,222 30,921 15,529 8,132 12,787 9,516 30,806 24,307 3,312 4,493 16,502	2,164 137,580 112,776 923 221 9,384 31,261 15,907 15,354 8,345 12,892 9,745 31,783 24,804 3,337 4,512 16,954	2,778 140,228 115,169 983 219 9,792 31,285 15,963 15,322 8,468 13,059 10,317 32,604 25,058 3,351 4,485 17,223	2,023 143,363 117,855 1,046 221 9,767 31,560 16,160 15,401 18,247 8,635 13,612 10,712 34,055 25,508 3,508 4,610 17,389	2,071 144,999 119,521 1,011 210 9,933 31,860 16,383 15,477 8,761 13,694 10,956 34,753 25,478 3,452 4,538 17,488	963 146,505 120,014 1,040 216 9,994 31,982 16,244 15,739 8,474 8,897 13,438 10,598 35,375 26,491 3,443 4,568 18,480	1,794 148,917 122,567 1,104 21,534 16,305 16,228 8,547 9,090 13,869 10,803 36,329 26,350 3,463 4,492 18,395	267 59,287 47,620 392 82,7 4,219 13,725 5,877 7,848 6,378 3,665 13,114 11,668 1,608 1,701 8,360	295 60,819 48,839 399 89 4,406 13,912 5,979 7,934 3,048 6,446 1,589 11,980 1,680 1,623 8,557	396 62,150 50,108 415 92 4,505 14,022 6,048 7,974 3,285 3,141 6,592 1,016 14,040 12,042 1,613 1,845 8,584	207 62,727 50,319 411 89 4,479 13,365 6,070 7,295 3,862 3,234 6,786 1,786 1,408 1,678 1,963 8,767	320 63,879 51,386 408 89 4,576 13,523 6,153 7,370 6,823 4,132 14,475 12,494 1,675 12,494 8,824	218 64,854 51,903 419 95 4,505 13,577 6,251 7,326 4,200 3,335 6,878 4,206 14,688 12,951 1,675 1,971 9,304	322 66,018 53,039 441 99 4,631 13,801 6,365 7,436 4,242 3,447 6,978 15,100 12,980 1,974 9,336	33 97,948 84,573 454 284 6,20,174 11,631 8,543 10,229 6,663 27,110 13,375 3,125 382 9,868	84 99.242 85,817 457 288 6264 20,348 11,835 8,512 6,380 10,342 10,342 13,425 3,116 408 9,901	300 100,746 87,140 487 302 6,418 20,158 11,823 8,334 6,560 10,409 7,115 28,089 13,605 3,189 409 10,007	101 102,027 88,004 498 273 6,420 20,195 12,050 8,144 6,683 10,689 7,152 28,423 14,023 3,261 10,320	175 103,738 89,838 503 267 6,629 20,425 12,227 8,198 7,682 7,040 10,834 7,404 29,053 13,901 3,259 448 10,194	-68 105,503 91,527 503 290 29,7 21,144 12,709 8,435 8,048 7,009 10,923 29,562 13,976 3,265 433 10,278	159 106,958 92,860 531 287 6,635 21,368 12,904 8,464 7,156 11,078 7,682 30,338 14,098 3,317 441 10,339	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

Table 7 Daysand Income by Major Course

									T	able 7	Perso				Source seasonally
					Virginia						1	Nest Virgini	a		
Line	ltem		1998			19	99			1998			19	999	
		ll'	III r	IV"	lr.	ll"	1117	IV <i>P</i>	Hr.	III r	IV r	Įr.	11.	III r	IV <i>P</i>
	Income by Place of Residence														
1	Personal income (lines 4-11)	188,975 188,644	191,867 191,499	195,456 194,985	200,583 200,344	200,321 199,998	203,034 202,787	206,629 206,311	36,347 36,360	36,804 36,809	37,036 37,023	37,206 37,215	37,511 37,523	37,914 37,948	38,343 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 5	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2	136,855 8,161	139,315 8,281	142,913 8,469	147,691 8,829	146,440 8,691	149,010 8,825	151,981 8,966	22,518 1,475	22,832 1,489	22,957 1,489	22,950 1,495	23,164 1,505	23,428 1,520	23,679 1,530
6 7	Plus: Adjustment for residence ³	7,117 135,811	7,196 138,230	7,044 141,488	7,244 146,106	7,610 145,359	7,474 147,660	7,454 150,469	430 21,473	443 21,786	482 21,951	535 21,990	525 22,184	537 22,446	555 22,704
8	Plus: Dividends, interest, and rent ⁴ Plus: Transfer payments	34,400 18,765	34,778 18,859	35,005 18,963	35,166 19,311	35,530 19,432	35,776 19,599	36,363 19,797	6,340 8,534	6,435 8,584	6.458	6,481 8,736	6,563 8,764	6,656 8,812	6,774 8,865
10 11	State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	167 18,598	166 18,694	166 18,797	166 19,145	158	156 19,443	164 19,633	135 8,399	141 8,442	8,626 143 8,483	142 8,594	129 8,635	124 8,689	116 8,749
"	Earnings by Place of Work	10,550	10,034	10,131	13,143	13,214	13,443	19,000	0,333	0,442	0,403	0,054	0,000	0,003	0,749
	Components of earnings:														
12 13 14	Wage and salary disbursements Other labor income	110,601 16,202	112,741 16,347	115,820 16,554	120,200 16,975	118,742 16,847	121,075 17,040	123,485 17,242	17,898 2,524	18,163 2,557	18,242 2,561	18,243 2,556	18,426 2,568	18,682 2,577	18,883 2,591
14 15	Proprietors' income 5 Farm proprietors' income	10,051 150	10,228 182	10,538 281	10,516 46	10,851 126	10,895 46	11,254 112	2,096 -36	2,112 -28	2,154 -11	2,151 -33	2,171 -37	2,168 -60	2,205 -55
15 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 18	Farm earnings	331 136,524	368 138,947	471 142,442	239 147,452	323 146,117	248 148,763	318 151,663	22,531	22,837	22,945	22,959 17,942	-12 23,176	-34 23,462	-28 23,708
19 20	Private earnings	103,022 702 722	105,221	108,555 743	112,810 764	111,301 783 676	113,410 791	116,071 833	17,719 84	17,955 87	18,039 92	90	18,163 92	18,486 94	18,709 98
21 22	Mining	722 7,813	731 8,002	724 8,250	698 8,493	676 8,727	705 8,529	696 8,807	1,460 1,351 3,379	1,478 1,325 3,416	1,425 1,336 3,425 1,906	1,341 1,320 3,373	1,273 1,324	1,317 1,309 3,481	1,317 1,336
23 24	Manufacturing Durable goods	16,393 8,557	16,526 8,661	16,466 8,610	16,248 8,346	8,727 16,254 8,281 7,973 9,798	16,491 8,460	16,730 8,684	3,379 1.856	3,416 1,904	3,425 1,906	3,373 1,870	3,458 1,899	3,481 1,916	3,518 1,916
25 26	Nondurable goods Transportation and public utilities	7,836 9,231	7,865 9,523	7,856 9,768	8,346 7,903 9,897	7,973 9,798	8,030 9,738 7,969	8,046 9,919	1,856 1,523 1,699 1,077	1.512	1,520 1,725	1,503 1,696	1,559 1,652	1,916 1,565 1,731	1,603 1,664
27 28	Wholesale trade	6,885 11,192	7,097 11,336	7,317 11,454	7,594 11,806	7,710 11,889	7,969 12,104	8,155 12,304	1,077	1,735 1,096 2,166	1,087 2,174	1,119 2,187	1,124 2,231	1,138 2,253 1,051	1,163 2,278
18 19 20 21 22 23 24 25 26 27 28 29 30	Finance, insurance, and real estate	9,714 40,368	10,090 41,202	10,473 43,360	10,887 46,423	11,026 44,438	11,308 45,775	11,506 47,122	2,145 927 5,597	941 5,710	972 5,803	980 5,834	1,014 5,995	1,051 6,113	1,062 6,273
31 32	Government and government enterprises Federal, civilian	33,502 10,764	33,726 10,796	33,887 10,844	34,642 11,205	34,816 11,126	35,353 11,075	35,592 11,138	4,812 1,196	4,882 1,206	4,906 1,222	5,018 1,218	5,014 1,221	4,976 1,207	4,999 1,218
32 33 34	Military State and local	7,849 14,889	7,776 15,154	7,710 15,333	7,931 15,505	7,928 15,762	8,037 16,241	8,076 16,378	145 3,470	145 3,532	145 3,539	147 3.653	147 3,646	146 3,623	147 3,634
	540 40 505	14,000	10,104	10,000	10,000	10,702	10,271	10,070	0,110	0,002	0,000	0,000	0,040	0,020	
					Oklahoma							Texas			
Line	ltem		1998			19	99	,		1998			1	999	
		11"	III.	IV '	1'	r	lli"	IV P	'	*	IV*	l ^r	#"	1117	IV <i>P</i>
	Income by Place of Residence														
1 2 3	Personal income (lines 4-11)	72,860 72,328 532	73,727 73,144	74,532 73,552 980	75,100 74,413	75,993 75,070	76,610 76,029	78,560 77,455	495,013 492,906	504,323 502,059	512,555 508,927	521,326 517,011	528,315 522,678	533,465 530,224	543,593 538,629
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
4	Derivation of Personal Income	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	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance ² Plus: Adjustment for residence ³	3,025 826	3,044 843	3,042 857	3,094 874	3,104 884	3,135	3,191	22,028	22,414 -963	22,642 -980	23,143 -1,000	23,271 -1,012	23,510 -1,022	23,759 -1,031
7	Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4	48,518 12,938	49,105 13,149	49,784 13,213	50,092	50.737	51,075 13,616	52,646	360,670 75,118	368,541 76,357	375,893 76.862	382,990 77,204	388,447 78,205	392,002	399,922 80,896
9	Plus: Transfer payments State unemployment insurance benefits	11,404	11,473	11.535	11,748	11,829 143	11,920	12,022	59,225	59,425	59,800	61,133	61,663	62,214	62,776
10 11	Transfers excluding State unemployment insurance benefits	98 11,305	115 11,358	119 11,415	135 11,613	11,686	138 11,782	11,890	958 58,267	991 58,434	1,108 58,692	1,222 59,911	1,301 60,362	1,261 60,953	1,156 61,620
	Earnings by Place of Work			,											
12	Components of earnings: 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
12 13 14 15 16	Other labor income Proprietors' income 5	5,593 7,549	5,605 7,683	5,601 8,192	5,654 8,005	5,664 8,372	5,706 8,136	5,795 8,801	33,999 59,765	34,500 60,855	34,751 63,668	35,232 65,540	35,302 68,278	35,609 67,291	35,970 70,576
15 16	Farm proprietors' income Nonfarm proprietors' income	354 7,195	405 7,279	801 7,392	503 7,501	733 7,639	386 7,751	903 7,898	1,344 58,421	1,498 59,357	2,856 60,812	3,531 62,010	4,835 63,443	2,423 64,868	4,128 66,448
.5		1 -,,,,,,,	',_'	.,502	.,501	.,555	1	.,555	55,121	20,007	,	52,510	55,710	2 .,000	

687 51,624 40,747 279 2,532 8,041 4,790 3,251 4,113 2,649 4,984 2,775 12,727 10,877 2,701 1,401 6,775

532 50,185 39,758 252 2,601 2,482 8,137 4,840 3,297 4,17 2,525 4,806 2,637 12,201 10,427 2,588 1,394 6,445

583 50,724 40,242 2,592 2,593 8,142 4,841 3,301 4,147 2,570 4,858 2,700 12,441 10,482 2,591 1,396 6,495

980 50,989 40,443 265 2,577 2,560 8,147 4,831 3,316 4,234 2,533 4,871 2,802 12,452 10,546 2,624 1,376 6,546

582 52,728 41,766 2900 2,502 2,812 8,174 4,777 3,396 4,146 2,651 5,116 2,933 13,142 10,962 2,744 1,355 6,863

923 52,034 41,141 284 2,528 2,777 7,989 4,708 3,281 4,140 2,579 5,088 2,851 12,904 10,893 2,686 1,380 6,827

2,107 381,520 324,223 2,169 124,494 53,901 33,695 20,296 33,938 27,034 34,246 101,657 57,298 10,791 10,791 40,470

1,105 53,819 42,753 303 2,502 2,883 8,468 5,021 3,448 4,200 2,715 5,208 2,992 13,483 11,066 2,783 1,783 1,783 6,926

3,628 395,887 337,688 2,280 18,846 25,620 55,11 35,657 35,657 35,354 30,117 35,354 30,117 35,189 11,137 5,189 41,082

2,264 389,654 331,887 2,187 18,879 24,820 56,080 35,689 34,821 27,770 34,732 28,792 103,817 57,772 10,935 40,840

4,315 402,818 343,003 2,422 18,120 25,923 55,122 34,713 20,409 36,948 29,283 36,260 108,816 59,815 11,608 11,608 42,090

5,636 407,093 348,076 2,440 26,330 55,337 34,687 36,797 29,290 36,905 31,235 111,647 59,016 11,495 41,496

3,242 413,293 352,801 2,517 18,079 26,648 54,990 34,270 37,374 30,791 37,515 31,426 113,459 60,492 11,328 60,492 43,074

4,964 419,747 358,097 2,648 18,033 27,239 55,101 34,399 30,702 38,078 30,104 32,202 116,539 61,650 11,338 61,650 11,338 61,650 44,222

See footnotes at end of table.

Services ...

Earnings by Industry

Earnings by Industry

Farm earnings

Nonfarm earnings

Private earnings

Agricultural services, forestry, fishing, and other 6

Mining

Construction

Manufacturing

Durable goods

Nondurable goods

Transportation and public utilities

Wholesale trade

Retail trade

Finance, insurance, and real estate

Government and government enterprises
Federal, civilian
Military
State and local

Finance, insurance, and real estate

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

at annual		Southwest							Arizona		_					New Mexico				_
1998			19	99			1998			19	99			1998			19	99		Line
III"	IV "	۱۳	ii r	III.r	IV <i>P</i>	ll r	III.r	IV r	1r	11'	lii r	IV.P	ll r	III r	IV "	Įr.	117	III'	IVP	
729,125 724,953 4,171	741,186 734,833 6,353	750,825 744,000 6,825	762,900 754,623 8,277	770,545 765,291 5,254	785,928 778,250 7,678	111,652 110,873 779	114,212 113,479 734	116,545 115,561 984	116,817 115,848 969	120,395 119,478 917	121,932 121,186 746	124,549 123,668 881	36,283 35,772 511	36,862 36,272 590	37,555 36,794 761	37,581 36,728 854	38,198 37,396 801	38,537 37,853 684	39,226 38,498 728	1 2 3
548,678 31,876 339 517,142 120,169 91,813 1,357 90,456	559,734 32,219 353 527,868 120,910 92,408 1,494 90,914	567,371 32,767 383 534,987 121,467 94,371 1,628 92,744	577,335 33,128 370 544,576 123,191 95,132 1,711 93,421	582,557 33,452 386 549,492 125,070 95,983 1,673 94,309	594,708 33,869 398 561,236 127,818 96,874 1,563 95,311	77,956 4,819 359 73,496 22,924 15,232 194 15,039	80,071 4,935 363 75,500 23,418 15,295 163 15,132	82,243 5,031 376 77,589 23,553 15,403 177 15,226	82,069 5,035 401 77,435 23,684 15,699 181 15,518	85,307 5,229 388 80,465 24,123 15,806 180 15,626	86,214 5,272 397 81,339 24,637 15,956 189 15,767	88,116 5,364 402 83,153 25,278 16,118 191 15,927	24,970 1,466 93 23,596 7,122 5,566 86 5,480	25,382 1,482 97 23,997 7,245 5,621 88 5,532	26,006 1,504 99 24,602 7,282 5,671 91 5,580	25,858 1,495 108 24,470 7,320 5,791 89 5,703	26,342 1,524 109 24,927 7,436 5,835 87 5,748	26,500 1,535 112 25,076 7,568 5,893 86 5,807	26,957 1,555 113 25,515 7,753 5,958 83 5,874	4 5 6 7 8 9 10
419,221 50,156 79,301 2,746 76,555	425,918 50,573 83,243 4,921 78,322	431,202 50,990 85,178 5,359 79,819	437,507 51,393 88,435 6,766 81,670	443,641 51,799 87,118 3,693 83,425	450,868 52,387 91,453 6,071 85,382	62,962 7,081 7,913 464 7,449	64,864 7,214 7,993 422 7,571	66,488 7,341 8,415 672 7,742	66,245 7,272 8,552 646 7,906	69,042 7,545 8,720 578 8,142	69,900 7,601 8,713 390 8,323	71,390 7,708 9,018 510 8,508	19,474 2,816 2,679 341 2,338	19,774 2,837 2,770 422 2,348	20,157 2,882 2,968 591 2,377	19,945 2,832 3,081 679 2,402	20,395 2,882 3,065 619 2,446	20,639 2,883 2,977 494 2,484	20,986 2,914 3,058 530 2,528	12 13 14 15 16
4,171 544,507 456,723 3,310 22,972 34,927 76,740 50,605 26,135 44,973 50,660 40,389 146,310 87,785 17,865 9,256 60,662	6,353 553,381 464,713 3,460 25,709 50,100 46,019 37,293 51,358 42,271 149,344 88,668 18,129 9,185 61,354	6,825 560,546 470,414 3,643 22,010 236,413 75,132 49,112 26,021 47,083 38,239 52,491 42,284 153,119 90,132 18,922 9,380 61,829	8,277 569,057 479,018 3,679 21,989 37,191 76,040 49,686 47,152 38,272 53,603 43,956 157,136 90,040 18,805 9,249 61,986	5,254 577,304 485,493 3,776 622,044 37,583 75,983 76,984 49,485 26,510 47,751 39,848 54,323 44,252 44,252 49,919 91,811 18,674 9,286 63,851	7,678 587,030 493,652 3,972 21,907 38,405 76,560 50,017 26,563 48,624 43,333 55,241 45,312 45,312 9,285 65,390	779 77,177 64,742 704 65,765 10,589 8,679 1,909 4,407 4,907 2,81 22,302 12,435 2,543 1,155 8,737	734 79,338 66,655 725 703 5,927 10,687 1,944 4,527 2,5064 8,758 2,5064 8,758 2,2568 2,5682 2,5682 2,578 1,153 8,953	984 81,259 68,415 745 67,66 6,064 11,136 9,193 4,624 5,143 8,432 7,969 23,626 12,844 2,583 1,148 9,113	969 81,100 68,577 758 629 6,227 10,194 8,302 1,892 4,555 4,555 8,022 24,434 12,522 24,434 11,73 8,553	917 84,390 71,352 783 621 6,433 10,914 8,987 1,928 4,717 8,847 8,426 25,260 13,039 2,813 1,165 9,061	746 85,468 72,087 792 792 6,453 10,983 1,911 4,701 5,339 8,901 8,431 25,785 13,381 1,163 9,414	881 87,235 73,604 837 607 6,580 11,117 9,196 1,921 4,791 5,423 9,062 8,639 26,547 13,631 2,769 1,163 9,698	511 24,459 17,652 162 812 1,682 1,845 1,335 510 1,438 657 1,769 6,807 1,769 6,807 1,722 4,349	590 24,791 17,943 162 792 1,647 1,831 1,332 499 1,477 1,037 2,692 1,315 6,990 6,849 1,765 710 4,374	761 25,246 18,157 170 779 1,638 1,809 1,331 478 1,500 1,046 2,700 1,383 7,132 7,089 1,785 691 4,613	854 25,004 18,087 1,616 1,776 1,306 470 1,466 1,061 2,735 1,379 7,141 6,917 1,817 690 4,411	801 25,540 18,449 1,651 1,800 1,342 4,499 1,052 2,763 1,444 7,325 7,091 1,811 678 4,602	684 25,815 18,839 1762 1,669 1,848 1,365 484 1,531 1,066 2,790 1,461 7,535 6,976 1,799 677 4,500	728 26,229 19,198 185 765 1,703 1,893 1,491 1,556 1,091 2,818 1,479 7,709 7,031 1,812 676 4,544	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
	Roc	cky Mounta	ain						Colorado							Idaho				Γ-
1998			19		·		1998							1998						Line
litr*	IV *	r	1	<i>r</i>	ĮV <i>p</i>	1	1117	IV r	12	11"	III r	IV <i>P</i>	11'	III r	IV *	r	r	III'r	IV <i>P</i>	<u> </u>
224,490 222,599 1,891	229,708 226,549 3,159	233,524 230,565 2,960	238,102 234,907 3,195	240,979 238,591 2,388	246,394 242,973 3,421	117,481 116,853 627	119,708 119,046 662	122,458 121,484 975	124,639 123,689 951	127,480 126,477 1,003	129,371 128,534 837	132,464 131,296 1,168	26,797 26,050 748	27,337 26,516 822	28,095 26,914 1,180	28,721 27,510 1,211	29,093 27,821 1,272	29,458 28,419 1,039	30,114 28,951 1,163	1 2 3
165,125 9,465 440 156,101 44,250 24,139 436 23,703	170,091 9,646 448 160,893 44,489 24,326 446 23,881	173,444 9,906 454 163,992 44,757 24,775 442 24,333	177,203 10,074 454 167,583 45,574 24,945 445 24,500	179,011 10,189 468 169,289 46,511 25,179 459 24,719	182,961 10,315 463 173,110 47,878 25,407 440 24,967	88,787 4,913 112 83,987 22,436 11,058 147 10,911	90,604 5,000 113 85,718 22,863 11,127 141 10,986	93,252 5,116 111 88,248 23,009 11,202 143 11,059	95,207 5,255 110 90,062 23,157 11,420 143 11,277	97,658 5,373 108 92,393 23,584 11,503 144 11,358	99,010 5,435 110 93,685 24,066 11,620 156 11,464	101,424 5,532 108 96,000 24,716 11,748 164 11,584	18,608 1,086 319 17,840 5,429 3,528 113 3,415	19,009 1,102 326 18,233 5,528 3,576 116 3,460	19,715 1,119 332 18,928 5,554 3,613 116 3,497	20,275 1,159 337 19,453 5,586 3,682 112 3,570	20,526 1,166 338 19,698 5,689 3,706 108 3,598	20,747 1,191 353 19,909 5,809 3,740 106 3,633	21,162 1,203 347 20,305 6,030 3,779 105 3,674	8 9
127,782 16,306 21,038 927 20,111	130,866 16,496 22,729 2,193 20,536	133,755 16,767 22,923 1,965 20,958	136,560 17,044 23,599 2,161 21,438	138,742 17,139 23,130 1,313 21,817	140,996 17,327 24,638 2,307 22,331	68,360 8,872 11,556 296 11,259	69,918 8,897 11,789 336 11,453	71,880 8,991 12,381 648 11,733	73,504 9,133 12,569 613 11,957	75,426 9,320 12,912 651 12,261	76,619 9,396 12,995 468 12,527	78,275 9,533 13,616 784 12,832	13,796 1,786 3,026 412 2,614	14,059 1,806 3,144 488 2,657	14,334 1,827 3,554 846 2,708	14,786 1,874 3,615 867 2,749	14,920 1,885 3,721 916 2,805	15,312 1,919 3,516 668 2,848	15,525 1,932 3,705 779 2,926	15
1,891 163,234 134,249 (P) 12,658 19,597 13,473 6,124 14,449 9,259 15,996 13,058 44,300	3,159 166,932 137,676 (P) 13,006 19,769 13,493 6,276 9,459 16,289 13,822 45,504 29,256	2,960 170,484 140,652 (D) 13,492 19,837 13,639 6,197 15,430 9,675 16,720 13,916 46,741 29,832	3,195 174,009 143,683 (P) 13,742 20,129 13,825 6,304 15,688 9,913 16,947 14,238 48,166	2,388 176,623 146,391 (D) 13,792 20,298 14,079 6,219 15,642 10,034 17,599 14,687 49,399 30,232	3,421 179,540 149,034 (P) 14,253 20,490 14,161 6,329 15,906 10,304 17,517 14,857 50,675	627 88,160 73,692 567 1,778 6,512 9,804 6,732 3,072 8,696 5,107 8,031 7,973 25,225	662 89,942 75,415 581 1,761 6,760 10,014 6,934 3,080 8,839 5,252 8,227 8,126 25,854	975 92,278 77,754 619 1,757 7,059 10,103 6,933 3,170 9,317 5,385 8,333 8,676 26,504	951 94,257 79,445 662 1,667 7,221 10,010 6,893 3,116 9,723 5,422 8,663 8,771 27,307	1,003 96,655 81,590 647 1,703 7,361 10,260 7,062 3,198 9,913 5,656 8,790 9,001 28,259	837 98,173 83,036 679 1,696 7,460 10,296 7,200 3,097 9,949 5,689 8,964 9,280 29,023	1,168 100,256 84,984 719 1,702 7,695 10,600 7,456 3,144 10,157 5,856 9,064 9,453 29,739	748 17,860 14,428 (D) (D) 1,520 3,214 2,230 1,248 1,011 1,898 4,172	822 18,188 14,710 (P) 1,551 3,267 2,273 2,273 1,265 1,045 1,931 1,931 996 4,250	1,180 18,534 15,036 (P) 1,589 3,314 2,303 1,011 1,283 1,079 1,965 1,057 4,339	1,211 19,065 15,459 (P) 1,614 3,457 2,452 1,005 1,304 1,114 2,058 1,100 4,413 3,605	1,272 19,253 15,602 (P) 1,668 3,392 2,383 1,009 1,325 1,144 2,055 1,077 4,547	1,039 19,708 16,021 (P) 1,689 3,573 2,544 1,029 1,317 1,167 2,094 1,079 4,689	1,163 19,999 16,280 (P) 1,793 3,478 2,429 1,049 1,329 1,196 2,133 1,104 4,817	20 21 22 23 24 25 26 27
	1998 r	1998 III	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998	1996 1999	1998 1999 1998 1999 1998 1999	1998 1999 1998 1999 1998 1999 1999 1999 1998 1999	1989 1989	The color of the	Section Sect	Second Column Second Colum	

Table 7.—Personal Income by Major Source

					Montana							Utah			
Line	ltem		1998			199	99			1998			19	999	
		r	ll r	lV r	١r	ll'	III	VP	ll'r	Hr.	IV "	lr l	W.	III r	VP
	Income by Place of Residence														
1 2 3	Personal income (lines 4-11) Nonfarm personal income Farm income (line 17)	18,497 18,427 70	18,626 18,471 156	19,357 18,698 659	19,386 19,069 316	19,743 19,332 411	19,404 19,279 125	20,261 19,661 600	46,346 46,173 173	47,066 46,876 189	47,907 47,667 240	48,533 48,317 216	49,436 49,229 207	50,200 50,006 194	50,812 50,598 214
	Derivation of Personal Income								- [
4 5 6 7 8 9 10	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance 2 Plus: Adjustment for residence 3 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	11,878 818 -5 11,055 4,398 3,045 60 2,985	11,890 809 -3 11,078 4,464 3,084 60 3,024	12,596 820 -3 11,772 4,470 3,115 61 3,053	12,585 847 -4 11,734 4,489 3,164 62 3,101	12,862 857 -4 12,001 4,563 3,179 60 3,119	12,387 841 -2 11,545 4,654 3,206 64 3,142	13,056 851 -3 12,203 4,830 3,228 59 3,168	35,240 2,043 21 33,219 8,291 4,836 85 4,751	35,755 2,063 23 33,714 8,477 4,875 93 4,782	36,531 2,097 26 34,460 8,538 4,909 97 4,812	37,053 2,137 28 34,944 8,594 4,995 96 4,899	37,787 2,173 28 35,642 8,760 5,033 102 4,931	38,342 2,199 27 36,169 8,954 5,077 103 4,974	38,684 2,207 29 36,506 9,195 5,111 90 5,021
	Earnings by Place of Work										ļ				
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 5 Farm proprietors' income Nonlarm proprietors' income	9,046 1,257 1,575 -67 1,642	8,983 1,244 1,663 19 1,643	9,152 1,259 2,184 522 1,663	9,411 1,290 1,884 176 1,708	9,554 1,303 2,006 266 1,740	9,409 1,272 1,707 -25 1,732	9,561 1,287 2,208 445 1,763	28,362 3,586 3,292 75 3,217	28,791 3,603 3,361 92 3,269	29,397 3,661 3,473 143 3,330	29,818 3,699 3,536 116 3,420	30,427 3,766 3,595 103 3,492	30,931 3,763 3,647 86 3,561	31,152 3,785 3,747 102 3,645
	Earnings by Industry														
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other ⁶ Miring Construction Manulacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	70 11,808 9,201 93 294 912 1,093 778 315 957 615 1,405 689 3,142 2,606 689 226 1,691	156 11,734 9,098 302 876 888 572 316 978 626 1,420 3,206 2,637 693 230 1,715	659 11,937 9,284 1000 288 866 931 610 320 623 1,448 7,304 2,654 696 231 1,727	316 12,268 9,523 104 290 944 932 605 327 1,007 656 1,481 744 3,366 2,746 724	411 12,451 9,687 106 295 980 932 594 338 1,029 655 1,481 775 3,435 2,763 722 233 1,808	125 12,262 9,609 103 296 891 599 333 999 654 1,499 781 3,454 2,653 716 11,703	600 12,456 9,776 109 291 919 596 323 1,012 669 1,518 798 3,549 2,681 734 215 1,712	173 35,067 28,596 137 434 2,773 4,945 3,487 1,488 2,588 2,007 3,606 2,757 9,349 6,471 1,713 378 4,381	189 35,565 29,136 143 426 2,834 4,982 2,662 2,061 3,661 2,845 2,662 2,061 3,661 2,845 3,497 1,485 2,662 2,061 3,66	240 36,290 29,628 145 419 2,844 4,960 3,449 1,511 2,613 2,107 3,752 2,935 9,852 6,663 1,715 377 4,571	216 36,837 30,144 150 390 3,012 4,988 3,491 1,497 2,204 3,722 2,905 10,077 6,693 1,813 3,87 4,494	207 37,581 30,710 154 402 3,017 5,087 1,503 2,696 2,183 3,829 2,984 10,358 6,870 1,830 3,850 4,656	194 38,148 31,391 158 399 3,050 5,041 3,535 1,507 2,642 4,231 2,998 6,757 1,806 6,757 1,806 4,563	214 38,470 31,659 390 3,143 5,025 3,470 1,555 2,696 3,968 3,968 3,068 10,905 6,815 1,811 388 4,616

					California							Hawaii			
Line	ltem .		1998			19	99			1998			19	999	
		gr	r	۱۷r]*	ll'r	∭r	IV <i>P</i>	11"	1117	IV r	ļr.	ll'	III r	IV <i>P</i>
1	Income by Place of Residence 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 3	Nonfarm personal income Farm income (line 17)	902,191 7,341	919,743 8,032	937,996 9,601	956,442 9,754	970,415 9,662	987,652 8,164	1,002,569 8,698	31,530 163	31,704 166	32,017 169	32,225 179	32,523 179	33,219 179	33,340 180
	Derivation of Personal Income														
4 5 6	Earnings by place of work (lines 12-16 or 17-34) Less: Personal contributions for social insurance ² Plus: Adjustment for residence ³	667,369 38,536 142	682,832 39,318 131	700,976 40,164 124	718,403 41,410 108	730,440 41,966 93	744,931 42,776 63	757,487 43,303 59	23,172 1,261 0	23,298 1,263 0	23,567 1,274 0	23,707 1,285 0	23,956 1,295 0	24,632 1,327 0	24,657 1,324 0
7 8 9	Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 4 Plus: Transfer payments	628,974 171,625 108,933	643,645 174,203 109,926	660,936 175,968 110,694	677,101 176,871 112,224	688,567 178,726 112,783	702,218 180,163 113,436	714,243 182,912 114,113	21,911 5,995 3,786	22,034 6,040 3,796	22,294 6,083 3,810	22,421 6,107 3.876	22,661 6,147 3,895	23,305 6,167 3.926	23,333 6,227 3,959
10 11	State unemployment insurance benefits Transfers excluding State unemployment insurance benefits	2,605 106,328	2,620 107,306	2,611 108,083	2,701 109,523	2,727 110,056	2,681 110,755	2,570 111,543	146 3,640	144 3,652	141 3,669	134 3,741	127 3,768	123 3,803	117 3,843
	Earnings by Place of Work	1													
12 13 14 15 16	Components of earnings: Wage and salary disbursements Other labor income Proprietors' income 5 Farm proprietors' income Nonfarm proprietors' income	510,395 60,816 96,158 3,136 93,022	522,766 61,642 98,424 3,730 94,694	536,213 62,623 102,141 5,206 96,935	550,334 63,981 104,089 5,214 98,875	559,701 64,809 105,929 4,925 101,004	572,911 65,766 106,254 3,215 103,038	582,165 66,416 108,906 3,554 105,351	17,629 3,078 2,465 1 2,464	17,731 3,088 2,479 1 2,478	17,945 3,107 2,515 2 2,513	18,025 3,131 2,551 11 2,540	18,229 3,133 2,594 10 2,584	18,763 3,243 2,626 8 2,619	18,783 3,208 2,667 7 2,659
	Earnings by Industry														
17 18 19 20 21 22 23 24 25 26 27 28 29 31 32 33 34	Farm earnings Nonfarm earnings Private earnings Agricultural services, forestry, fishing, and other ⁶ Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale trade Retail trade Finance, insurance, and real estate Services Government and government enterprises Federal, civilian Military State and local	7,341 660,028 555,305 6,737 2,420 34,345 102,558 72,682 29,875 40,129 59,053 58,730 211,008 8,381 104,723 16,823 8,381 79,519	8,032 674,800 568,922 7,002 2,418 36,311 103,407 73,224 30,183 41,298 60,459 60,626 216,310 105,879 17,062 8,336 8,348	9,601 691,375 584,198 7,433 2,451 37,938 104,550 73,807 30,743 41,847 42,081 61,781 63,953 222,164 107,177 17,227 8,268 81,682	9,754 708,649 598,699 7,417 2,381 39,055 106,626 75,156 31,470 43,751 42,486 62,761 65,069 229,153 109,950 17,949 8,401 83,601	9,662 720,778 609,916 7,430 2,227 39,873 108,698 77,353 31,345 44,847 63,877 65,990 233,805 110,863 17,730 8,392 8,4741	8.164 736,767 626,057 7,579 2,155 40,368 113,293 80,156 33,137 45,912 44,039 66,192 5240,818 8,403 84,033 84,843	8,698 748,789 636,792 7,931 2,150 41,756 41,756 41,756 32,203 46,549 45,263 67,087 66,816 247,107 111,997 17,385 8,392 86,220	163 23,009 15,917 137 19 1,338 718 1,755 543 1,798 2,515 1,961 6,626 6,7092 1,782 2,294 3,016	166 23,132 16,042 134 19 1,314 718 172 546 1,827 2,523 1,998 6,694 7,090 1,787 2,288 3,015	169 23,399 16,285 141 18 1,304 714 1173 541 1,834 2,530 2,053 6,881 1,808 2,277 3,028	179 23,528 16,210 138 17 1,274 725 1,830 2,556 2,062 6,778 1,863 2,305 1,863 2,315	179 23,777 16,506 145 17 1,292 753 176 577 1,803 2,604 2,103 6,958 7,270 1,870 2,255 3,145	179 24,454 16,580 154 18 1,272 742 176 566 1,796 855 2,645 2,103 6,995 1,890 2,286	180 24,477 16,809 156 18 1,285 739 172 567 1,812 875 2,673 2,117 7,134 7,668 1,889 2,246 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

Not shown to avoid discussive of commissional annual and the state of the state 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, 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.

^{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.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. NOTE.—The 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.

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

	-		Wyoming							Far West							Alaska				
	1998			19	99			1998			19	199			1998			19	99		Line
r	lll ^r	IV r	[7	'	1117	IV <i>P</i>	lt"	1117	1V r	۱۲	ll'	1117	IV <i>P</i>	1	III.	IV '	l ^r	r	III r	IV <i>P</i>	<u> </u>
11,553 11,530 23	11,752 11,691 62	11,891 11,786 105	12,246 11,979 266	. 12,350 12,049 301	, 12,546 12,353 194	12,743 12,467 276	1,254,589 1,244,939 9,650	1,278,768 1,268,299 . 10,469	1,304,537 1,291,941 12,596	1,328,635 1,316,736 11,899	1,345,553 1,333,658 11,894	1,370,148 1,359,778 10,370	. 1,388,865 1,377,471 . 11,394	17,020 17,004 16	17,100 17,081 19	17,346 17,322 24	17,563 17,541 22	17,558 17,537 21	17,668 17,650 18	17,891 17,874 18	1 2 3
7,694 483 -18 7,194 2,890 1,469 26 1,443	7,867 491 -19 7,358 2,916 1,478 27 1,451	7,997 494 -18 7,485 2,918 1,488 29 1,460	8,324 507 -18 7,799 2,932 1,515 30 1,485	8,370 506 -15 7,849 2,976 1,524 30 1,494	8,525 523 -20 7,982 3,028 1,536 1,536	8,635 522 -18 8,095 3,106 1,542 22 1,520	916,437 53,354 -1,127 861,956 241,851 150,782 4,222 146,560	936,568 54,354 -1,158 881,056 245,607 152,104 4,356 147,749	960,424 55,446 -1,207 903,771 247,658 153,108 4,348 148,759	982,653 57,125 -1,255 924,273 248,944 155,418 4,458 150,960	996,042 57,684 -1,255 937,103 252,047 156,402 4,598 151,804	1,018,102 58,932 -1,310 957,860 254,896 157,392 4,512 152,880	1,031,510 59,387 -1,314 970,809 259,582 158,474 4,380 154,094	13,020 681 -806 11,532 3,059 2,429 111 2,318	13,041 680 -809 11,552 3,091 2,456 99 2,357	13,259 689 -823 11,747 3,099 2,500 101 2,399	13,396 698 -828 11,870 3,114 2,578 112 2,467	13,258 688 -817 11,753 3,158 2,647 126 2,521	13,289 687 -821 11,782 3,208 2,677 114 2,563	13,418 690 -827 11,901 3,270 2,721 111 2,610	4 5 6 7 8 9 10 11
5,913 747 1,035 -47 1,082	6,031 756 1,080 -9 1,088	6,103 759 1,136 34 1,102	6,235 771 1,318 194 1,124	6,234 771 1,366 226 1,140	6,470 790 1,265 116 1,148	6,483 790 1,362 196 1,165	707,376 85,392 123,669 3,734 119,936	723,678 86,459 126,432 4,424 122,008	741,449 87,725 131,250 6,423 124,827	760,414 89,478 132,761 5,518 127,242	770,578 90,328 135,137 5,233 129,904	790,467 91,811 135,825 3,406 132,419	799,637 92,362 139,512 4,150 135,361	9,957 1,675 1,389 10 1,378	9,971 1,671 1,399 13 1,386	10,138 1,681 1,439 18 1,421	10,225 1,696 1,476 15 1,460	10,110 1,673 1,475 14 1,461	10,133 1,668 1,488 11 1,477	10,221 1,671 1,526 11 1,516	12 13 14 15 16
23 7,671 5,785 5,785 1,153 640 438 1993 245 689 273 750 3,72 1,414 1,887 383 383 199 1,304	62 7,806 5,890 57 1,162 636 447 255 704 275 783 1,467 1,916 386 201 1,329	105 7,893 5,975 60 1,138 649 461 197 265 790 405 1,507 1,917 386 200 1,331	266 8,058 6,082 65 1,114 702 451 198 253 699 280 796 397 1,578 1,976 398 204	301 8,069 6,093 64 1,094 715 457 201 256 275 792 401 1,568 1,976 401 204	194 8,331 6,334 65 1,130 702 455 202 253 711 282 810 549 1,629 1,998 407 206 1,385	276 8,358 6,339 68 1,154 713 468 210 258 2712 283 834 443 1,664 2,020 412 206 1,402	9,650 906,787 754,991 8,998 (D) 135,627 97,503 38,124 57,230 54,268 82,686 72,3112 151,896 26,339 110,560	10,469 926,099 772,745 9,318 (P) 136,847 98,294 38,553 53,468 55,364 84,615 75,339 153,354 26,638 14,968 111,759	12,596 947,828 947,828 9,917 (D) 137,540 98,288 39,252 59,400 86,429 82,532 28,844 155,230 26,957 14,891 113,481	11,899 970,754 811,780 10,005 (D) 139,666 99,601 40,065 61,488 57,482 83,148 83,148 83,213 158,974 27,946 15,106 115,922	11,894 984,148 824,057 10,050 (D) 10) 142,241 102,065 40,176 62,444 58,162 89,705 85,082 312,901 160,091 27,679 14,983 117,429	10,370 1,007,732 846,929 10,210 (D) 147,521 105,521 41,999 64,008 59,128 92,285 84,890 325,131 160,803 27,344 15,028 118,431	11,394 1,020,116 857,981 10,694 (b) (c) 145,849 104,700 41,149 64,647 60,787 93,571 86,335 330,474 162,135 27,245 14,988 119,902	166 13,004 8,653 190 (P) 565 158 407 1,286 3,286 1,168 4,351 1,094 4,351 2,326	19 13,022 8,709 196 (P) 549 162 387 1,309 527 2,752 4,314 1,102 939 2,273	24 13,235 8,912 208 (P) 561 168 393 1,333 389 1,184 4,323 1,383 4,323 930 2,304	22 13,375 8,965 217 (P) 588 175 474 1,338 365 1,207 4,410 1,126 940 2,344	21 13,237 8,844 215 (P) 535 170 365 1,306 367 1,249 2,822 4,393 1,130 925 2,338	18, 13,271 8,924 221 (P) 600 173 426 1,326 1,326 1,240 1,448 1,126 928 2,294	18 13,400 9,027 234 (P) 552 169 383 1,343 384 1,249 2,918 4,373 1,126 918 2,329	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

			Nevada							Oregon							Washingtor	1			
	1998			19	99			1998			19	99			1998			19	199		Line
1)′	r	IV r	ľ	ll ^r	∭r	ĮV <i>P</i>	ll'	Пr	IV r	1	91"	,111 <i>*</i>	VP	117	III r	IV '	r	11"	lll r	ĮV <i>₽</i>	
50,314 50,254 60	51,370 51,310 61	52,616 52,551 65	53,799 53,746 53	54,512 54,456 56	55,105 55,048 57	56,238 56,175 62	84,436 83,734 703	85,470 84,739 731	86,570 85,696 874	88,293 87,664 629	89,094 88,444 650	90,619 89,983 636	91,925 91,142 783	161,594 160,226 1,368	165,183 163,722 1,461	168,222 166,359 1,863	170,380 169,118 1,262	171,610 170,283 1,327	177,543 176,226 1,317	178,023 176,371 1,653	1 2 3
36,657 2,040 -677 33,940 11,115 5,259 181 5,078	37,529 2,080 -695 34,754 11,315 5,302 176 5,126	38,807 2,144 -725 35,937 11,337 5,342 174 5,168	39,921 2,219 -752 36,950 11,412 5,438 167 5,271	40,325 2,233 753 37,340 11,666 5,506 196 5,310	40,554 2,237 -752 37,566 11,973 5,566 206 5,360	41,315 2,270 -766 38,278 12,335 5,624 207 5,417	59,611 3,715 -1,718 54,178 19,164 11,095 425 10,670	60,265 3,738 -1,718 54,809 19,485 11,176 429 10,748	61,261 3,776 -1,734 55,751 19,557 11,263 443 10,820	62,909 3,921 -1,802 57,185 19,659 11,449 439 11,010	63,335 3,930 -1,820 57,586 19,998 11,510 429 11,081	64,428 3,987 -1,830 58,612 20,396 11,612 438 11,173	65,174 4,008 -1,870 59,296 20,922 11,706 429 11,278	116,608 7,120 1,932 111,420 30,894 19,280 754 18,526	119,603 7,273 1,932 114,262 31,473 19,448 888 18,559	122,554 7,398 1,951 117,108 31,615 19,499 877 18,622	124,318 7,592 2,020 118,745 31,781 19,854 906 18,947	124,728 7,573 2,042 119,197 32,351 20,062 994 19,068	130,267 7,918 2,029 124,378 32,989 20,176 950 19,226	129,459 7,792 2,090 123,757 33,916 20,351 946 19,404	4 55 6 7 8 9 10
29,339 3,299 4,019 6 4,013	30,093 3,351 4,085 8 4,078	31,194 3,431 4,182 12 4,170	32,129 3,494 4,297 -2 4,299	32,450 3,535 4,340 -2 4,341	32,639 3,525 4,391 -4 4,395	33,257 3,572 4,486 -1 4,487	47,272 5,635 6,704 122 6,582	47,805 5,653 6,807 139 6,667	48,516 5,692 7,053 270 6,783	50,153 5,852 6,905 2 6,903	50,443 5,859 7,033 -9 7,042	51,386 5,934 7,109 57 7,166	51,853 5,942 7,379 59 7,320	92,784 10,888 12,936 458 12,477	95,312 11,054 13,237 533 12,704	97,443 11,191 13,920 915 13,004	99,548 11,325 13,444 278 13,166	99,644 11,318 13,766 294 13,471	104,634 11,676 13,957 232 13,725	103,357 11,554 14,548 520 14,028	12 13 14 15 16
60 36,597 31,197 231 797 4,168 1,743 1,160 583 2,125 1,562 3,451 3,083 14,036 5,400 815 423 4,162	61 37,468 31,958 238 7,769 4,334 1,769 1,187 2,183 1,605 3,543 3,221 14,275 818 427 4,265	38,742 33,135 259 788 4,492 1,740 1,140 600 2,259 1,653 3,621 3,303 3,621 3,501 5,607 837 425 4,345	53 39,867 34,253 264 733 1,783 1,178 605 2,308 1,684 3,726 3,318 860 860 4,318	56 40,269 34,435 256 745 4,490 1,784 1,177 606 2,318 1,697 3,843 3,480 3,480 5,834 872 437 4,524	57 40,497 34,756 257 742 4,228 1,822 1,185 637 2,457 1,699 3,962 3,488 16,101 5,742 880 4,421	62 41,253 35,393 276 7,150 1,767 1,150 4,039 3,555 16,536 5,860 895 436 4,529	703 58,908 49,527 563 83 4,415 11,184 8,812 2,372 3,565 4,369 6,203 4,178 14,967 9,381 1,812 216 7,353	731 59,534 50,026 576 86 4,423 11,169 8,788 2,382 4,307 6,314 4,268 9,508 1,820 217 7,471	874 60,387 50,770 621 85 4,423 11,100 8,694 2,405 4,505 6,404 4,436 9,616 1,823 2,7580	629 62,280 52,271 634 83 4,484 11,396 8,934 2,461 3,710 4,631 6,659 4,506 10,009 1,901 7,891	650 62.685 52,703 648 82 4,559 11,367 8,897 2,470 3,719 6,663 4,555 16,436 19,983 1,874 2,7893	636 63,792 53,836 660 86 4,585 11,931 9,504 2,427 3,891 4,616 6,754 4,619 16,693 19,956 1,839 7,903	783 64,390 54,452 704 85 4,693 11,756 9,259 2,497 3,801 4,744 6,829 4,686 17,155 9,938 1,826 7,896	1,368 115,240 94,292 1,140 204 7,360 18,859 14,515 4,344 8,130 7,023 10,296 7,490 20,949 4,013 2,753 14,183	1,461 118,143 97,089 1,173 200 7,637 19,235 14,761 4,474 8,256 7,155 10,607 7,798 21,054 4,039 2,763 14,253	1,863 120,691 99,299 1,255 211 7,930 18,874 14,306 4,568 8,422 7,372 10,909 8,230 21,393 4,073 2,777 14,542	1,262 123,056 101,384 1,335 18,548 13,986 4,562 8,553 7,928 11,239 8,252 37,928 4,246 2,867 1,672 4,246 1,672 1,672 1,672	1,327 123,401 101,652 1,356 196 8,206 19,105 14,292 4,813 8,452 7,425 11,469 8,387 21,749 4,203 2,760 14,787	1,317 128,950 106,776 1,339 8,383 19,133 14,327 7,541 11,492 8,411 41,662 22,174 4,150 2,757 15,267	1,653 127,807 105,507 1,393 190 8,604 18,902 14,021 4,881 8,747 7,769 11,693 8,584 22,299 4,126 2,778 15,395	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 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 Presenta-

tion (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]

BEA CURRENT AND HISTORICAL DATA

National, International, and Regional Estimates

This section presents an extensive selection of economic statistics prepared by the Bureau of Economic Analysis (BEA) and a brief selection of collateral statistics prepared by other Government agencies and private organizations. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers and are subject to their copyrights.

BEA's economic statistics are available on three Web

sites. BEA's Web site at <www.bea.doc.gov> contains data, articles, and news releases from the national, international, and regional programs. The Federal Statistical Briefing Room (FSBR) on the White House Web site at <www.whitehouse.gov/fsbr> provides key economic statistics, including gross domestic product. The Commerce Department's STAT-USA Web site at <www.stat-usa.gov> provides detailed databases and news releases from BEA and from other Federal Government agencies by subscription.

The tables present annual [A], quarterly [Q], and monthly [M] estimates.

National Estimates

A. Selected NIPA tables [A, Q] S. Summary tables......D-2 3. Government current receipts and expenditures.... D-8 B. Other NIPA and NIPA-related tables B.2 Disposition of personal income [A, M] D-29 B.3 Gross domestic product by industry D-30 B.4 Personal consumption expenditures by B.5 Private fixed investment in structures B.6 Private fixed investment in equipment and B.7 Consumption and wage and salary accruals by B.9 Wage and salary accurals by employee and by B.10 Farm sector output, gross product, and B.11 Housing sector output, gross product, and B.12 Net stock of private fixed asssets by C. Historical measures C. 1 Estimates of the major NIPA aggregates D-38 E. Charts

International Estimates

F. Transa	ctions tables
F.1 U.	S. international transactions in goods
a	and services [A, M]D-51
F.2 U.	S. international transactions [A, Q]D-52
F.3 U.	S. international transactions by area [Q]D-53
F.4 Pr	rivate services transactions [A]D-56
G. Invest	ment tables [A]
G.1 U	J.S. international investment positionD-57
G.2 U	JSDIA: Selected itemsD-58
	elected financial and operating data of foreign of filiates of U.S. companies
	DIUS: Selected items
	elected financial and operating data of U.S.
	offiliates of foreign companies
	national perspectives [A, Q, M]
I. Charts	actional peropeetives [13, Q, 13]
	nited States in the international economyD-64
	Regional Estimates*
J. State ai	nd regional tables
	area table
L. Charts	: Selected regional estimates
	Appendixes
A: Addit	ional information about the NIPA estimates
Statist	ical conventionsD-65
Recon	ciliation tables [A, Q]D-66
B: Sugges	ted readingD-67
	ables and charts in this section are not included in this
issue b	ecause of the publication of the revised estimates of

State personal income. See the article "Comprehensive Revision of State Personal Income for 1969-99.

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]

			S	easonally	y adjuste	d at ann	ual rate	s
	1998	1999	1998		199	99		2000
			ΙV	ı	H	Ш	IV	ı
Gross domestic product	4.3	4.2	5.9	3.7	1.9	5.7	7.3	5.4
Personal consumption expenditures Durable goods Nondurable goods Services	4.9 11.3 4.0 4.1	5.3 11.5 5.4 4.0	4.6 20.4 5.0 1.5	6.5 12.4 8.9 4.2	5.1 9.1 3.3 5.2	4.9 7.7 3.6 5.0	5.9 13.0 7.6 3.7	7.1 22.4 5.0 5.0
Gross private domestic investment Fixed investment Nonresidential Structures Equipment and software Residential Change in private inventories	11.7 11.8 12.7 4.1 15.8 9.2	5.8 8.1 8.3 –2.4 12.0 7.4	11.5 13.8 15.3 5.8 18.6 9.8	3.6 9.1 7.8 –5.8 12.5 12.9	-2.1 6.6 7.0 -5.3 11.2 5.5	13.6 6.8 10.9 -3.8 15.7 -3.8	10.0 2.6 2.9 5 4.0 1.8	9.9 19.8 25.2 20.1 26.0 5.2
Net exports of goods and services Exports Goods Services Imports Goods Services Services	2.2 2.1 2.5 11.6 11.7 10.8	3.8 4.0 3.2 11.7 12.7 6.9	16.3 19.4 9.2 10.8 12.8 1.6	-5.5 -9.3 4.1 12.5 12.6 11.9	4.0 4.3 3.2 14.4 15.5 8.9	11.5 16.9 0 14.9 17.3 3.6	10.1 11.1 7.6 8.7 9.7 3.4	5.6 6.1 2.1 12.1 13.1
Government consumption expenditures and gross investment Federal National defense Nondefense State and local	1.7 -9 -1.9 .9 3.2	3.7 2.8 1.8 4.7 4.2	2.9 3.9 -2.9 17.9 2.4	5.1 5 -4.0 6.1 8.2	1.3 2.1 -2.6 10.9	4.5 4.1 11.2 -7.1 4.8	9.3 14.7 17.2 10.3 6.4	-1.: -15. -22.: : 7.
Addenda: Final sales of domestic product Gross domestic purchases Final sales to domestic purchasers	4.3 5.4 5.4	4.5 5.1 5.5	6.3 5.5 5.8	4.6 5.8 6.7	3.4 3.2 4.7	4.5 6.2 5.1	6.0 7.2 5.9	6. 6. 7.
Gross national product Disposable personal income	4.1 4.1	4.0 4.0	6.3 4.8	3.8 4.1	1.9 3.2	5.6 2.9	6.4 4.7	5. 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

			S	easonally	/ adjuste	d at ann	uat rate	
	1998	1999	1998		199		100,700	2000
'			IV	ı	II	III	IV	1
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 Durable goods Nondurable goods Services	3.25 .86 .79 1.59	3.45 .81 1.05 1.59	3.14 1.51 .98 .66	4.28 .96 1.69	3.36 .71 .64 2.00	3.33 .62 .73 1.98	4.07 1.03 1.51 1.53	5.02 1.70 1.1 2 2.20
Gross private domestic investment Fixed invesiment Nonresidential Structures Equipment and	1.93 1.86 1.49 .13	. 99 .97 .83 –.14	1.94 2.20 1.79 .18	. 64 1.49 .95 –.18	-,36 1.10 .86 16	2.26 1.16 1.33 11	1.72 .48 .39 –.01	1.70 3.13 2.90 .56
software Residential Change in private	1.37 .37	.96 .15	1.61 .41	1.13 .54	1.02 .24	1.44 17	.40 .09	2.35
inventories	.07	.01	26	85	-1.46	1.09	1.24	-1.43
Net exports of goods and services Exports Goods Services Imports Goods Services	-1.18 .25 .17 .08 -1.43 -1.21 22	-1.09 .48 .37 .10 -1.57 -1.43 14	.33 1.67 1.38 .29 -1.34 -1.30 04	-2.13 61 74 .13 -1.53 -1.28 24	-1.35 .42 .32 .10 -1.77 -1.59 19	-,73 1.19 1.19 0 -1.92 -1.84 08	12 1.08 .83 .24 -1.20 -1.12 08	-1.12 .60 .52 .08 -1.72 -1.54 18
Government consumption expenditures and gross investment Federal National defense Nondefense State and local	.31 06 08 .02 .37	. 80 .28 .19 .10	. 53 .24 12 .36 .29	. 88 03 16 .13	. 23 .13 –.10 .23 .10	. 81 .26 .42 –.16 .55	1.61 .87 .65 .22 .75	20 -1.00 99 02

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]

			S	easonall	y adjust	ed at an	nual rate	s
	1998	1999	1998		19	199		2000
			IV	1	Н	ii	IV	-
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 Nondurable goods Services	698.2 1,708.9 3,441.5	758.6 1,843.1 3,655.6	1,742.9	1,787.8	1,824.8	1,853.9	1,905.8	1,957.2
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 1,091.3 272.8 818.5 368.7 71.2	893.4 411.3	1,121.4 278.0 843.4 387.5	1,139.9 274.7 865.2 403.4	1,155.4 272.5 882.9 412.4	1,181.6 272.1 909.5 412.7	1,190.0 274.1 916.0 416.7	1,259.2 290.1 969.2
Net exports of goods and services	-149.6	-253.9	–161.2	-201.6	-245.8	-278.2	290. 1	_330.9
Exports	966.3 681.3 285.1 1,115.9 930.4 185.5	699.0 299.3 1,252.2 1,049.1	981.8 693.3 288.6 1,143.1 952.6 190.4	674.3 292.6 1,168.5 974.3	680.5 297.7	708.8 299.7 1,286.6	307.2 1,329.6 1,120.5	747.7 311.3 1,389.8 1,175.2
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 National defense Nondefense State and local	538.7 348.6 190.1 991.0	570.6 364.5 206.1 1,059.4	352.9 193.8	355.8 201.6	354.3 207.3	365.4 204.4	382.6 211.1	215.2

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]

			s	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998		19	199		2000
			IV	1	II.	III	IV	- 1
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 Nondurable goods Services	731.5 1,685.3 3,268.0	1,776.1	1,712.6	1,749.5	1,763.7	1,779.3	846.7 1,812.0 3,454.7	1,836.7
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 1,122.5 254.1 870.6 350.2 74.3	1,215.8 248.1 974.9 376.1	1,160.8 255.7 908.5	1,182.7 251.9 935.7	1,202.9 248.5 960.9	1,234.3 246.1 996.6	1,617.8 1,243.2 245.8 1,006.4 376.8 66.7	1,315.2 257.6 1,067.7
Net exports of goods and services	<u>-217.6</u>	-323.0	-234.4	-286.6	-321.1	-340.4	-344.1	-372.9
Exports	722.8 282.0	751.9 290.9 1,365.4 1,162.5	744.2 285.0 1,263.1 1,069.7	726.4 287.9 1,300.9 1,102.0	734.1 290.1 1,345.4 1,142.5	763.3 290.2 1,393.0 1,188.9	1,078.2 783.7 295.5 1,422.3 1,216.8 207.2	796.8 297.2 1,465.5 1,256.0
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 National defense Nondefense State and local	525.9 341.7 184.2 952.7	540.8 347.8 192.9 993.1	344.9	341.4	534.1 339.2 194.7 984.0	348.3 191.1	362.4	340.2 195.4
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]

			s	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998	1998 1999				
			IV	1	11	III	IV	ı
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	Ì			l]	1	1
product				9,021.6	9,128.6			
Change in private inventories	71.2							
Goods				3,416.6				
Final sales Change in private	3,239.1	3,437.5	3,318.4	3,365.6	3,406.6	3,453.2	3,524.6	3,634.4
inventories	71.2	44.6	71.4	51.0	17.6	40.8	69.1	34.0
Durable goods Final sales Change in private				1,608.3 1,584.3				
inventories	38.9	25.8	38.6	24.1	6.3	23.0	49.8	23.2
Nondurable goods				1,808.3 1,781.3				
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 Gross domestic product less	313.3	342.4	345.3	325.0	330.9	355.0	358.8	348.9
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 1.5.—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
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 1.7.—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			7,475.5					
Nonfarm less housing	6,621.4	7,001.4	6,757.5				7,214.8	7,365.9
Housing	700.4						760.9	
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

Equals gross domestic product less gross product of households and institutions and of general government.
 Equals gross domestic business product less gross farm product.
 Equals compensation of general government employees plus general government consumption of fixed capital as shown in table 3.7.

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

[Billions of chained (1996) dollars]

	İ		s	easonall	y adjuste	ed at ani	nual rate	s
	1998	1999	1998		19	99		2000
			IV	1	П	111	IV	-
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		1	1					
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	ì.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					3,427.5			
Change in private		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	","	0,000.0	0,	10, .0	","	","
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					1,693.5			
Change in private	1,,000.1	','' '0.0	1,,0,10.0	1,,000	1,,000.0	',,, • '	',,, 00.0	1,,000.0
inventories	39.7	26.7	39.6	25.1	6.5	23.8	51.3	23.8
Nondurable goods					1,750.4			
Final sales					1,738.5			
Change in private	','' =	.,	',,, 00	',,, =0.5	',' '00.0	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	',,, 00.0	1,000.2
inventories	34.6	15.6	31.0	25.0	7.5	14.2	15.7	7.0
Services			4.475.5		4,551.2		4.654.9	4.686.1
Structures	738.9							
Residual	-4.5							
Addenda:	7.5	~	l ~	I ~	٥.٥	~0.0	-9.2	-12.4
Motor vehicle output	315.7	345.2	348.6	329.0	335.7	355.8	360.3	352.9
Gross domestic product less	315.7	343.2	340.0	329.0	335.7	335.0	300.3	332.9
motor vehicle output	8 180 3	8 504 N	9 202 4	a 289 n	9 423 2	8 525 6	9 679 4	8,804.5
motor verifice output	0,100.3	10,004.0	0,232.4	0,000.0	0,720.2	0,020.0	0,070.4	0,007.5

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 inventiones is the difference between gross domestic product and of change in private inventiones; 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

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 1.6.—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 1.8.—Real Gross Domestic Product by Sector

	Ī							
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

Equals gross domestic product less gross product of households and institutions and of general government.
 Equals gross domestic business product less gross farm product.
 Equals compensation of general government employees plus general government consumption of fixed capital choices and the consumption of the consumption

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]

	Seasonally adjusted at annual rates							
	1998	1999	1998		19	99		2000
			IV	ı	II	111	IV	1
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
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 capitalPrivate	1,064.6 878.4					1,156.0 958.8		
consumption allowances Less: Capital	906.2	975.5	932.2	947.1	964.7	989.9	1,000.5	1,017.2
consumption adjustment Government General	27.7 186.2	35.8 196.0	32.1 189.1	35.2 192.0	37.9 194.5	31.1 197.2	39.1 200.5	36.5 203.4
government Government	158.6	166.8	160.9	163.4	165.5	167.7	170.5	172.9
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		1	696.6				
payments	38.1 -47.6	39.4 -125.1	38.6 -62.4	38.8 -99.4		39.5 141.2	40.0 -124.5	40.6 -128.1
enterprises	20.8	26.5	31.4	21.0	27.9	17.3	l	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 Net interest	848.4 435.7	892.7 467.5	839.0 440.8	886.9 446.3	880.5 456.4	884.1 476.3	919.4 491.0	953.9 497.3
Contributions for social insurance	621.9	658.2	633.8	647.2	653.8	662.3		683.4
disbursements Plus: Personal interest income Personal dividend	3.5 897.8	931.3	3.5 906.4	907.4	920.5	938.8	958.5	972.5
income	348.3	364.3	351.9	356.1	361.2	367.0	373.1	379.6
payments to persons Business transfer	954.8 28.8	988.6 29.6	962.0 29.0	978.5 29.3	984.1 29.5	991.6 29.7	1,000.3 29.9	1,017.1 30.0
payments to persons Equals: Personal income						7,831.4		
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 Net domestic product	8,797.6 7,695.3	9,361.3 8,120.4	8,992.8 7,858.3	9,157.6 7,968.8	9,267.4 8,024.9	9,423.5 8,141.8	9,596.8 8,346.1	9,783.2 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]

			s	easonall	y adjust	ed at an	nual rate	s
	1998	1999	1998		19	99	-	2000
			IV	1	H	111	IV	ı
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							
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 Private Government General	887.5 185.4	960.0 192.4	187.8	925.3 189.6	945.3 191.4	974.0 193.3	995.5 195.3	1,021.2 197.4
government Government enterprises	158.4 26.9						166.8 28.5	
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 Gross national income ² Net domestic product	8,533.9	8,950.4	8,699.7 8,684.6 7,541.0	8,800.7	8,875.8	9,001.7	9,123.5	9,239.6

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

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 Plus: Command-basis exports of goods and services and income receipts from the rest	1,283.6	1,334.3	1,301.9	1,289.9	1,311.0	1,349.4	1,386.9	1,414.1
of the world I	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

Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments.
 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]

	Τ –	l	Seasonally adjusted at annual rates						
			<u> </u>	easonan	· ·		luai rate		
	1998	1999	1998	ļ		99		2000	
			IV		ll .		IV	<u> </u>	
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 Wage and salary accruals	5,011.2	5,331.7	5,134.7	5,217.7	5,287.1	5,373.6	5,448.3	5,546.2	
Government	692.8	726.5	4,300.8 702.8	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		522.1	528.0		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				}	1				
inventory valuation adjustment	32.7	38.5	48.6	39.6	41.2	28.8	44.5	30.8	
Capital consumption	1 02	00.0	10.0	55.5	} ~		**.*	00.0	
adjustment	-7.6	-7.3	-7.5	-7.2	~7.1	-7.9	-6.9	-7.1	
NonfarmProprietors' income	581.0 532.2	627.3 579.3	596.0 547.4		621.2 573.8	633.0 586.2	647.4 598.4	661.7 613.0	
Inventory valuation	1 302.2	070.0	5474	300.0	070.0	300.2] 555.4	010.0	
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	ĺ								
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					198.9	202.9	202.1	
Capital consumption	.	Ì	ì	1		1	1	1	
adjustment	-51.1	-56.0	-52.6	-53.9	-54.7	– 59.9	-55.6	-56.9	
Corporate profits with			l				ļ		
inventory valuation and capital consumption							l		
adjustments	848.4	892.7	839.0	886.9	880.5	884.1	919.4	953.9	
Corporate profits with				}		ļ	}	İ	
inventory valuation adjustment	802.8	835.6	787.4	831.4	822.2	827.1	861.4	897.0	
Profits before tax	781.9		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		581.4	594.3	610.6	635.0	
Dividends	348.6 193.1		352.2 178.8			367.3 227.0	373.5 237.1	380.0 255.0	
Undistributed profits Inventory valuation	133.1	224.4	170.0	210.7	213.3	227.0	207.1	200.0	
adjustment	20.9	-13.0	20.8	13.3	-13.6	-26.7	-24.9	-26.7	
Capital consumption	45.6	57.2	51.6	55.5	58.2	57.0	58.0	56.9	
adjustment	1				1		l	1	
Net interest	435.7	467.5	440.8	446.3	456.4	476.3	491.0	497.3	
Addenda: Corporate profits after tax with	l				1		1		
inventory valuation and	1					1	ļ		
capital consumption	1		•		1	Í	İ	ĺ	
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	1		l				1		
consumption adjustments	876.5	929.7	883.6	923.4	916.7	929.0	949.9	979.8	
Undistributed profits with							1		
inventory valuation and	1						1		
capital consumption adjustments	259.6	268.6	251.2	282.5	264.5	257.4	270.1	285.2	
Consumption of fixed	200.0		201.2			201.4	2,0.1	200.2	
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					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

			S	easonall	y adjuste	ed at ani	nual rate	s
	1998	1999	1998		19	99		2000
			IV	ı	11	Ш	IV	1
				Billions o	of dollars			
Gross product of								
Consumption of fixed capital	1 '	l '		1 '	l '		5,893.7	
Consumption of fixed capital	616.9						679.7 5,214.0	
Net product	4,750.4	5,000.7	4,007.7	4,900.0	15,013.9	3,000.1	5,214.0	0,323.4
business transfer payments								
less subsidies	494.1							
Domestic income Compensation of	4,264.3	4,544.3	4,354.4	4,449.2	4,490.0	4,003.4	4,668.1	4,769.4
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	2,071.0			l				
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								i
adjustments Profits before tax	748.4 681.9		740.7 668.3			776.0 745.6	821.9 788.8	855.0 824.8
Profits tax liability	240.2		235.6			259.4	275.7	288.7
Profits after tax	441.6						513.1	536.1
Dividends Undistributed profits	314.6 127.0		328.1 104.6			337.9 148.3	338.1 174.9	334.6 201.4
Inventory valuation	ł	1						
adjustment Capital consumption	20.9	-13.0	20.8	13.3	-13.6	-26.7	-24.9	-26.7
adjustment Net interest	45.6 130.6		51.6 132.5			57.0 143.0		56.9 152.3
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
Mat weed out								
Net product	14,245.9	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	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				:				
Indirect business tax and nontax liability plus	455.3	484.4	474.7	470.5	477.6	484.5	504.9	512.0
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6	484.4 4,033.4	474.7 3,871.4	470.5 3,947.2	477.6 3,997.7	484.5 4,054.3	504.9 4,134.5	512.0 4,229.0
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6	484.4 4,033.4	474.7 3,871.4	470.5 3,947.2	477.6 3,997.7	484.5 4,054.3	504.9	512.0 4,229.0
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4	484.4 4,033.4 3,298.7	474.7 3,871.4 3,174.6	470.5 3,947.2 3,223.8	477.6 3,997.7 3,270.0	484.5 4,054.3 3,326.3	504.9 4,134.5	512.0 4,229.0 3,433.7
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7	484.4 4,033.4 3,298.7 2,805.2	474.7 3,871.4 3,174.6 2,695.5	470.5 3,947.2 3,223.8 2,737.9	477.6 3,997.7 3,270.0 2,779.4	484.5 4,054.3 3,326.3 2,830.1	504.9 4,134.5 3,374.7 2,873.6	512.0 4,229.3 3,433.3 2,924.8
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4	484.4 4,033.4 3,298.7 2,805.2	474.7 3,871.4 3,174.6 2,695.5	470.5 3,947.2 3,223.8 2,737.9	477.6 3,997.7 3,270.0 2,779.4	484.5 4,054.3 3,326.3 2,830.1	504.9 4,134.5 3,374.7 2,873.6	512.0 4,229.3 3,433.3 2,924.8
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7	484.4 4,033.4 3,298.7 2,805.2	474.7 3,871.4 3,174.6 2,695.5	470.5 3,947.2 3,223.8 2,737.9	477.6 3,997.7 3,270.0 2,779.4	484.5 4,054.3 3,326.3 2,830.1	504.9 4,134.5 3,374.7 2,873.6	512.0 4,229.3 3,433.3 2,924.8
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7	484.4 4,033.4 3,298.7 2,805.2 493.5	474.7 3,871.4 3,174.6 2,695.5 479.0	470.5 3,947.2 3,223.8 2,737.9 486.0	477.6 3,997.7 3,270.0 2,779.4 490.7	484.5 4,054.3 3,326.3 2,830.1 496.2	504.9 4,134.5 3,374.7 2,873.6 501.1	512.1 4,229.5 3,433.1 2,924.5 509.0
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9	512.0 4,229.3 3,433.3 2,924.0 509.0 652.0 597.
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1	512.1 4,229.3 3,433.1 2,924.4 509.4 652.1 597.1
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8	512.1 4,229.3 3,433.1 2,924.3 509.0 652.9 187.1 410.1
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8	512.1 4,229.3 3,433.1 2,924.4 509.0 652.1 597.1 187.1 410.1 262.1
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1	512.0 4,229.3 3,433.1 2,924.6 509.0 652.1 597.1 410.2 262.0 148.
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8	512.0 4,229.3 3,433.1 2,924.6 509.0 652.1 597.1 410.2 262.0 148.
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7 20.9	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9 -13.0 78.6	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0 20.8 72.2	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1 13.3 75.4	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4 -13.6 78.8	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0 -26.7 78.8	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1 -24.9 81.3	512.1 4,229.3 3,433.1 2,924.3 509.0 652.1 597.1 187.4 410.2 262.1 148.1 -26.8
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7 20.9	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9 -13.0 78.6	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1 13.3 75.4	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4 -13.6 78.8	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1 -24.9 81.3	512.1 4,229.3 3,433.1 2,924.3 509.0 652.1 597.1 187.4 410.2 262.1 148.1 -26.8
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7 20.9	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9 -13.0 78.6	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0 20.8 72.2 124.1	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1 13.3 75.4	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4 -13.6 78.8 128.1	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0 -26.7 78.8 134.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1 -24.9 81.3 139.4	512.0 4,229.3 3,433.7 2,924.8 509.0 652.9 187.0 410.2 262.0 148.
Indirect business tax and nontax liability plus business transfer payments less subsidies Domestic income Compensation of employees Wage and salary accruals Supplements to wages and salaries Corporate profits with inventory valuation and capital consumption adjustments Profits before tax Profits tax liability Profits atax liability Profits at liability Profits at liability Drists and substituted profits Inventory valuation adjustment Capital consumption adjustment Capital consumption adjustment Capital consumption adjustment Net interest	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7 20.9	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9 -13.0 78.6	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0 20.8 72.2 124.1	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1 13.3 75.4 126.1	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4 -13.6 78.8 128.1	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0 -26.7 78.8 134.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1 -24.9 81.3 139.4	512.1 4,229.3 3,433.1 2,924.3 509.0 652.1 597.1 187.4 410.2 262.1 148.1 -26.8
Indirect business tax and nontax liability plus business transfer payments less subsidies	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7 20.9 65.2 123.5	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9 -13.0 78.6 131.9	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0 20.8 72.2 124.1 Billions	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1 13.3 75.4 126.1	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4 -13.6 78.8 128.1	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0 -26.7 78.8 134.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1 -24.9 81.3 139.4	512.4 4,229.3 3,433.1 2,924.4 509.0 652.1 187.4 410.2 62.1 148.1 142.1
Indirect business tax and nontax liability plus business transfer payments less subsidies Domestic income	455.3 3,790.6 3,090.4 2,618.7 471.7 576.7 490.6 152.5 338.1 245.4 92.7 20.9 65.2 123.5	484.4 4,033.4 3,298.7 2,805.2 493.5 602.8 537.1 167.6 369.6 259.7 109.9 -13.0 78.6 131.9	474.7 3,871.4 3,174.6 2,695.5 479.0 572.7 479.8 148.8 331.0 256.9 74.0 20.8 72.2 124.1 Billions	470.5 3,947.2 3,223.8 2,737.9 486.0 597.2 508.6 157.9 350.6 241.5 109.1 13.3 75.4 126.1	477.6 3,997.7 3,270.0 2,779.4 490.7 599.5 534.2 166.9 367.3 267.9 99.4 -13.6 78.8 128.1 ed (1996	484.5 4,054.3 3,326.3 2,830.1 496.2 594.0 541.8 169.3 372.5 264.6 108.0 -26.7 78.8 134.0	504.9 4,134.5 3,374.7 2,873.6 501.1 620.3 563.9 176.1 387.8 264.8 123.1 -24.9 81.3 139.4	512.4 4,229.3 3,433.1 2,924.4 509.0 652.1 187.4 410.2 62.1 148.1 142.1

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.
 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]

			Seasonally adjusted at annual rates					
	1998	1999	1998		19	99		2000
			IV	ı	11	III	IV	1
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 Private industries					4,432.6 3,711.3			
Goods-producing industries Manufacturing Distributive industries Service industries	1,038.7 757.5 944.6	779.7 1,005.8	765.6 969.9	767.0 986.3	1,075.1 774.8 997.6 1,638.5	786.4 1,013.4		1,120.7 798.9 1,042.8
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 25.1	658.5 31.3	637.1 41.1	639.9 32.5	655.3 34.1	654.0 21.0		
Nonfarm	581.0		596.0	607.5	621.2	633.0		
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		1,007.8	1,013.6	1,021.3	1,030.2	1,047.1
insurance benefits Government unemployment	578.1	596.4		588.9	593.0	599.0	604.7	617.7
insurance benefits Veterans benefits Other transfer payments Family assistance ¹ Other	19.8 23.3 362.3 17.1 345.2	24.3	19.9 23.6 366.4 17.3 349.1	20.5 24.3 374.1 16.9 357.2	20.3 24.1 376.2 16.3 359.9	20.2 24.3 377.8 15.4 362.4	24.5 380.8 15.1	25.2
Less: Personal contributions for social insurance	315.9		322.0		332.3	336.7		
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					6,593.2			ĺ
Less: Personal outlays	1				6,425.2	l		
Personal consumption expenditures	5,848.6 185.7	6,257.3 201.7	5,973.7 193.2	6,090.8 196.1	6,200.8 199.9	6,303.7 203.3		
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 Per capita:	6,107.1	6,349.4	6,209.0	6,271.0	6,320.7	6,366.2	6,439.6	6,475.4
Current dollars	23,231 22,569 270.6	24,307 23,244 273.2	23,628 22,859 271.6	23,904 23,043 272.1	24,171 23,172 272.8	24,389 23,275 273.5		
Personal saving as a percentage of disposable personal income	3.7	2/3.2	3.5	3.0	2.5	2/3.5	1.8	.6
1. Consists of aid to families with d	<u> </u>							operating

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.
 Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.

Table 2.2.—Personal Consumption Expenditures by Major Type of Product

[Billions of dollars]

	-							
			S	easonall	y adjuste	ed at an	nual rate	S
	1998	1999	1998		19	99		2000
			IV	ı	11	111	IV	T
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 Furniture and household	289.2	316.1	304.4				325.5	344.4
equipment Other	268.7 140.3							
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	853.4 286.3	904.1 306.3	875.6 289.2			903.9 308.1	933.8 308.6	944.8 319.1
energy goods	126.2 112.9 13.2 442.9	123.8 14.9	108.3 12.6	106.5 13.7	121.7 14.6	129.3 15.4	137.7 15.9	151.1 19.4
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 Household operation Electricity and gas Other household operation Transportation Medical care Recreation Other	855.9 346.9 128.1 218.8 245.2 894.3 221.0 878.2	362.2	347.3 122.9 224.5 247.7 910.5 226.1	356.2 128.3 227.9 250.3 922.5	360.3 129.4 230.9 254.0 933.0 241.0	366.8 133.8 233.0 256.5 948.1 252.1	365.3 129.3 236.0 259.1 961.7 258.7	371.5
Addenda:	l							
Energy goods and services ¹ Personal consumption expenditures less food and energy	254.3 4,740.8		243.8 4,854.3					

^{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

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 Furniture and household	291.9		307.4	310.4	317.2	319.6		
equipment Other	297.4 142.7							
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	820.6 292.2							
energy goods	142.1 127.7 14.5 430.6	128.3 16.0	127.7 14.2		127.5	128.2	130.4	126.8
Services		1		3,339.8				
Housing Household operation Electricity and gas Other household operation Transportation Medical care Recreation Other	805.6 344.3 129.6 214.7 234.2 854.4 208.8 820.3	132.3 227.1 241.0 876.9 228.0	345.4 125.7 219.6 236.1 862.2	354.0 131.1 222.8 237.7 865.6 218.4	132.2 226.4 239.9 872.0 225.0	135.4 228.9 242.4 880.9	130.2 230.5 243.9 889.1 236.3	132.9 233.3 245.5 896.7 243.2
Residual	-3.4	-9.3	-4.7	- 7.7	-8.5	-10.2	-11.1	-16.3
Addenda: Energy goods and services ¹ Personal consumption expenditures less food and	271.8	276.7	267.3	274.1	276.2	280.0	276.5	274.9

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

NOTE.—Percent changes from preceding period for disposable personal income are shown in table 8.1.

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]

	Ì		s	Seasonally adjusted at annual r				
	1998	1999	1998		19	99	II IV 00.5 2,872.6 50.4 1,183.8 59.4 275.7 18.3 743.7 52.3 669.4 17.8 2,691.7 41.5 1,374.3 00.1 1,018.0 91.6 1,000.3 8.5 17.7 59.2 260.1 57.7 255.4 96.6 100.6 95.9 3	2000
	İ		IV	1	ll .	111	IV	
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 Corporate profits tax accruals Indirect business tax and nontax accruals Contributions for social insurance	1,072.6 240.2 677.0 621.9	259.4 716.3	235.6 697.8	248.0 696.6	254.4 706.7	259.4 718.3	275.7 743.7	288.7 753.4
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)	965.2 954.8 10.4	988.6	980.7 962.0 18.7	985.3 978.5 6.8	984.1	991.6	1,000.3	
Net interest paid	276.4 368.4 277.3 91.1 92.0	262.1 356.8 261.6 95.1 94.7	272.5 365.6 274.8 90.8 93.2	265.0 358.1 267.4 90.7 93.1	358.6 266.0 92.6	96.6	356.0 255.4 100.6	254.2 106.4
Less: Dividends received by government	.3	.3	.3	.3	.3	.3	.3	.4
Subsidies less current surplus of government enterprises	20.8 35.6 14.8	43.8	31.4 46.4 15.0		44.9	34.6	57.5	41.1
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 31.4		67.0 46.9	72.7 73.6				
Addenda: Net lending or net borrowing (-) Current surplus or deficit (-), national income and product accounts Plus: Consumption of fixed capital Plus: Capital transfers received (net) Less: Gross investment Less: Net purchases of nonproduced assets	34.4 88.7 186.2 32.6 268.7 4.3	36.9 297.8	58.2 113.9 189.1 34.8 272.6 7.0	192.0 35.1 289.8	155.7 194.5 37.9 292.2	182.7 197.2 34.5 295.7	180.9 200.5 40.3 313.7	243.0 203.4 37.1 321.1

Table 3.2.—Federal Government Current Receipts and Expenditures [Billions of dollars]

1	1		s	easonall	s			
	1998	1999	1998		19	99		2000
	· '		IV	ı	11	111	IV	Ī
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 Income taxes	835.7 827.6 8.1	900.2 891.3 8.9	868.1 859.8 8.3	877.9 869.4 8.5	892.1 883.4 8.8	908.0 899.0 9.0	913.5	949.6 940.0 9.6
Corporate profits tax accruals Federal Reserve banks Other	206.5 26.6 179.9	222.4 24.7 197.7	202.6 26.7 175.9	212.6 23.5 189.1	218.1 23.7 194.4	222.4 24.6 197.9	236.7 27.1 209.6	247.9 28.3 219.6
Indirect business tax and nontax accruals	97.3 62.9 19.6 14.8	101.5 67.0 20.0 14.5	99.6 65.7 19.6 14.3	99.5 66.3 19.0 14.1	100.0 66.9 18.8 14.2	101.5 66.9 20.5 14.2	105.0 68.1 21.5 15.5	107.7 72.7 19.5 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	•	1,810.2	l '
Consumption expenditures	453.5	474.8	460.0	467.0	465.2	475.0	491.9	483.4
Transfer payments (net)	730.4 720.0 10.4	754.5 744.0 10.5	742.1 723.5 18.7	743.4 736.6 6.8	749.7 740.5 9.2	754.8 746.4 8.5	770.1 752.4 17.7	773.5 766.8 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	278.4 297.7 206.6 91.1	262.8 285.4 190.3 95.1	274.3 294.8 204.0 90.8	266.0 287.1 196.4 90.7	264.8 287.4 194.8 92.6	259.9 282.9 186.3 96.6	260.6 284.2 183.6 100.6	263.9 288.4 182.0 106.4
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 35.1	38.3 43.3	42.9 45.9	32.6 37.5	39.5 44.4	29.0 34.1	51.8 57.0	35.3 40.6
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	40.0	446.4		27.0	440.4	400.0	440.0	400.0
and product accounts Social insurance funds	46.9 56.4	11 5.4 76.9	59.7 66.3	97.6 72.2	118.1 75.6	133.8 78.9	112.2 80.9	186.3 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 (-) Current surplus or deficit	51.1	106.3	60.8	96.2	108.3	120.4	100.1	174.4
(), national income and product accounts	46.9	115.4	59.7	97.6	118.1	133.8	112.2	186.3
capital	87.4	90.9	88.1	89.6	90.2	91.2	92.4	93.4
Plus: Capital transfers received (net)	-3.6 85.2	–5.0 95.8	-3.4 86.7	-2.7 90.4	-4.8 96.4	-9.7 94.9	-2.9 101.7	-8.9 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]

	(E	lillions of	f dollars]					
			S	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998		19	99		2000
			IV	I	II	III	IV	1
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 Income taxes	236.9 184.7 33.2 19.0	251.9 196.8 35.3 19.7	244.9 191.6 34.0 19.3	246.9 192.9 34.5 19.5	247.3 192.5 35.1 19.7	252.4 197.0 35.6 19.8	261.1 204.9 36.2 20.0	263.1 206.2 36.8 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	579.6 284.3 225.5 69.8	614.8 307.2 234.5 73.2	598.2 291.1 226.3 80.8	597.1 298.5 229.5 69.1	606.8 303.7 232.8 70.3	616.8 309.5 236.1 71.2	638.6 317.0 239.4 82.3	645.6 325.6 242.3 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 70.7 72.7	7 71.3 72.1	-1.8 70.8	-1.0 71.0	7 71.2	6 71.5 72.1	6 71.8 72.3	4 72.2 72.7
Less: Dividends received by government	.3	.3	72.7 .3	72.0 .3	71.9	.3	.3	.4
Subsidies less current surplus of government enterprises	-11.3 .5 11.7	-11.8 .5 12.3	-11.6 .5 12.1	-11.6 .5 12.1	-11.6 .5 12.1	-11.7 .5 12.2	-12.2 .5 12.7	-12.6 .5
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 Other	.9 40.8	.8 50.2	.7 53.4	.6 48.2	.8 36.8	.8 48.1	1.0 67.7	1.3 55.5
Addenda: Net lending or net borrowing (-)	-16.8	-13.8	-2.6	-20.6	-21.4	-11.6	-1.5	-21.2
(-), national income and product accounts	41.7	51.0	54.2	48.7	37.6	48.9	68.8	56.7
capital Plus: Capital transfers	98.8	105.2	101.1	102.4	104.3	106.0	108.1	109.9
received (net) Less: Gross investment Less: Net purchases of	36.2 183.5	42.0 202.0	38.2 185.9	37.8 199.4	42.6 195.8	44.2 200.8	43.2 212.0	46.0 224.6
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]

			Seasonally adjusted at annual rates					
	1998	1999	1998		19	99		2000
			١٧	ŀ	II	Ш	IV	1
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 Consumption expenditures Durable goods ² Nondurable goods Services Compensation of general government employees, except	348.6 299.9 21.0 7.0 271.9	364.5 310.7 21.4 8.0 281.2	352.9 303.4 21.4 6.9 275.1	355.8 304.6 20.4 6.4 277.8	354.3 300.8 21.1 7.4 272.3	365.4 312.1 22.4 9.8 279.9	382.6 325.5 22.0 8.6 294.9	364.8 310.5 21.8 10.1 278.6
own-account investment ³ Consumption of	131.0	133.0	129.9	133.2	132.9	133.3	132.6	137.3
general government fixed capital ⁴ Other services Gross investment Structures Equipment and software	61.6 79.3 48.7 5.4 43.3	62.5 85.7 53.8 5.3 48.5	61.5 83.6 49.5 5.1 44.4	62.2 82.4 51.2 5.4 45.8	62.3 77.1 53.5 5.3 48.2	62.7 83.9 53.4 5.2 48.2	62.9 99.4 57.1 5.3 51.9	63.1 78.2 54.3 4.9 49.4
Nondefense	190.1 153.6 2 8.4	206.1 164.1 1.3 9.8	1 93.8 156.5 1.2 8.6	201.6 162.4 1.3 9.5	207.3 164.4 1.4 9.6	204.4 162.9 1.1 10.1	211.1 166.5 1.3 10.2	215.2 172.9 1.4 10.8
Corporation inventory change Other nondurables Services	.1 8.2 145.5	1.1 8.8 152.9	.4 8.2 146.8	1.1 8.4 151.7	.8 8.8 153.4	1.1 8.9 151.7	1.2 9.0 155.0	1.6 9.2 160.6
own-account investment ³ Consumption of general government	81.9	87.9	84.2	88.3	87.6	87.3	88.6	93.8
fixed capital 4 Other services Gross investment Structures Equipment and software	20.9 42.7 36.5 11.3 25.2	23.0 42.0 42.0 11.3 30.7	21.5 41.0 37.2 11.6 25.7	22.3 41.1 39.2 11.7 27.4	22.7 43.2 42.9 10.8 32.1	23.2 41.2 41.5 11.4 30.1	24.0 42.4 44.6 11.5 33.1	24.7 42.1 42.3 10.7 31.5
State and local Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government employees, except	991.0 807.5 15.2 86.3 706.1	1,059.4 857.4 16.2 95.3 746.0	1,008.1 822.2 15.5 86.7 719.9	1,031.8 832.4 15.8 87.7 728.8	1,044.3 848.4 16.0 93.1 739.3	1,067.4 866.5 16.3 98.5 751.7	1,094.4 882.4 16.7 101.8 764.0	1,126.7 902.2 17.0 109.8 775.5
own-account investment ³ Consumption of general government fixed	592.6	621.9	602.6	609.8	616.9	626.4	634.5	642.1
capital 4	76.0 37.5 183.5 135.2 48.3	81.2 42.8 202.0 149.7 52.3	77.8 39.5 185.9 136.1 49.8	78.9 40.2 199.4 148.9 50.5	41.9 195.8	81.9 43.4 200.8 147.8 53.0	83.6 45.9 212.0 157.6 54.4	85.2 48.2 224.6 168.6 55.9
Addenda: Compensation of general government employees 3 Federal	813.8 214.4 599.4	852.2 222.7 629.5	825.3 215.7 609.5	840.5 223.3 617.2	222.2	856.4 222.4 634.0	865.2 222.8 642.5	883.5 232.8 650.6

Table 3.8.—Real Government Consumption Expenditures and Gross Investment by Type

· 8			Seasonally adjusted at annual rates						
	1998	1999	1998		19	99		2000	
			IV	ı	II	III	IV	1	
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 Consumption expenditures Durable goods 2 Nondurable goods s Services Compensation of general government	341.7 291.4 21.2 8.1 262.3	347.8 293.3 21.7 8.8 263.1	344.9 293.6 21.6 8.1 263.9	341.4 289.5 20.6 7.7 261.2	339.2 284.9 21.3 8.5 255.4	348.3 294.0 22.7 10.4 261.5	362.4 304.9 22.2 8.6 274.3	340.2 285.4 22.0 9.5 254.4	
employees, except own-account investment ³ Consumption of	124.3	121.0	122.6	121.5	121.0	121.2	120.3	. 119.9	
general government fixed capital 4 Other services Gross investment Structures Equipment and software	62.2 75.9 50.3 5.1 45.3	62.2 80.1 54.7 4.8 50.1	62.1 79.3 51.4 4.8 46.8	5.0	62.1 72.4 54.6 4.9 49.9	62.2 78.2 54.5 4.7 50.0	62.3 91.8 57.8 4.7 53.3	62.4 72.1 55.2 4.4 51.0	
Nondefense	184.2 147.1 1 8.4	192.9 1 51.0 1.5 10.9	186.9 149.0 1.3 8.8	150.6 1.5	194.7 151.9 1.7 10.6	191.1 149.7 1.4 11.4	195.9 152.0 1.5 11.3	195.4 153.8 1.6 11.9	
Corporation inventory change Other nondurables Services Compensation of general government employees, except	.1 8.3 138.9	2.4 8.6 140.0	.5 8.3 139.2	2.0 8.4 139.7	2.0 8.6 140.9	2.7 8.6 138.6	2.7 8.6 140.8	3.2 8.6 142.1	
own-account investment 3	76.8	77.3	78.1	78.2	77.2	76.4	77.3	78.6	
general government fixed capital 4 Other services Gross investment Structures Equipment and software	21.3 41.0 37.2 10.6 26.7	23.2 39.8 42.2 10.4 32.2	22.0 39.3 38.1 10.8 27.5	39.2 39.4 10.9	9.9	23.4 39.1 41.9 10.4 31.8	10.4	9.6	
State and local	952.7 773.9 15.3 91.4 667.6	993.1 800.0 16.4 97.3 687.0	962.6 782.7 15.7 93.5 674.0	789.3 16.0 95.0	796.2 16.2 96.5	995.5 803.8 16.5 98.1 690.0	810.7 16.8 99.6	101.2	
own-account investment 3 Consumption of general government fixed	557.6	568.4	560.6			570.5		575.4	
capital ⁴ Other services Gross investment Structures Equipment and software	75.0 34.7 178.8 127.5 51.8	193.2 136.4	36.7 179.9 126.6	192.7 137.8	38.9 187.8 132.1	39.8 191.7 134.1	41.3 200.7 141.5	42.8 211.6 150.2	
Residual Addenda:	-1.3	−4. 5	~1.9	2.5	-4.1	-5.0	-5.3	-4.8	
Compensation of general government employees ³ Federal	766.6 202.6 564.0	199.8		201.2	199.8	199.2	199.0	200.1	

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 8.8.

^{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 3.10.—National Defense Consumption Expenditures and Gross Investment

[Billions of dollars]

	[s	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998		19	99		2000
			IV	ı	, II	III	١٧	ı
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 Aircraft Missiles Ships Vehicles Electronics Other durable goods	21.0 10.1 2.3 .6 .9 2.5 4.6	21.4 10.1 2.2 .7 .8 2.8 4.9	21.4 11.0 2.1 .6 .9 2.4 4.4	20.4 9.6 2.2 .6 .7 2.5 4.7	21.1 9.7 2.1 .8 .8 2.8 4.9	22.4 10.4 2.3 .7 .8 3.0 5.0	22.0 10.5 2.3 .6 .8 2.8 4.9	21.8 10.1 2.1 1.1 .7 3.1 4.6
Nondurable goods	7.0	8.0	6.9	6.4	7.4	9.8	8.6	10.1
Petroleum products Ammunition Other nondurable goods	2.1 1.9 3.1	2.5 1.9 3.7	1.7 2.0 3.2	1.5 1.8 3.1	2.3 1.8 3.4	3.6 2.3 3.9	2.5 1.9 4.3	3.8 1.7 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 83.7 47.2 61.6 79.3 21.2 23.9 8.5 18.9 4.9 3.5 -1.7	133.0 84.5 48.5 62.5 85.7 18.7 26.9 8.8 23.8 5.5 3.5 -1.4	129.9 83.1 46.8 61.5 83.6 22.8 23.3 20.3 5.3 5.3 5.1	133.2 84.7 48.5 62.2 82.4 18.8 24.6 8.5 22.0 5.6 3.6	132.9 84.2 48.7 62.3 77.1 15.3 24.2 8.4 20.9 6.0 3.6 -1.4	133.3 84.6 48.7 62.7 83.9 18.0 27.1 8.8 23.8 5.4 3.6 -2.7	132.6 84.5 48.1 62.9 99.4 22.6 31.6 9.6 28.5 4.9 3.3 -1.0	137.3 87.5 49.9 63.1 78.2 16.4 25.1 8.0 22.3 4.9 3.2 -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 Aircraft Missiles Ships Vehicles Electronics and software Other equipment	43.3 5.6 3.3 6.4 1.5 12.7 13.8	48.5 7.6 2.8 6.7 1.6 15.0 14.7	44.4 7.0 2.9 6.9 1.4 13.0 13.2	45.8 6.1 2.8 6.8 1.4 13.7 15.1	48.2 7.6 2.7 6.6 1.8 15.2 14.4	48.2 7.8 2.7 6.5 1.6 15.6 14.0	51.9 8.9 3.0 7.1 1.7 15.7 15.3	49.4 9.7 2.1 6.0 1.8 16.4 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

Table 3.11.—Real National Defense Consumption Expenditures and **Gross Investment**

[Billions of chained (1996) dollars]

	JIIIO115 U	- Criamic	1 (1000)	dollars				
			S	easonall	y adjuste	ed at ann	nual rate	s
	1998	1999	1998		19	99		2000
			IV	1	11	M	IV	1
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
Aircraft Missiles Ships Vehicles Electronics Other durable goods	21.2 10.2 2.4 .6 .7 2.6 4.6	21.7 10.2 2.2 .7 .7 3.0 4.9	21.6 11.2 2.2 .6 .7 2.6 4.4	20.6 9.8 2.2 .7 .6 2.7 4.7	21.3 9.9 2.1 .8 .7 3.1 4.9	22.7 10.7 2.3 .8 .7 3.3 5.1	22.2 10.7 2.3 .6 .7 3.1 5.0	22.0 10.3 2.1 1.2 .6 3.4 4.7
Nondurable goods	8.1	8.8	8.1	7.7	8.5	10.4	8.6	9.5
Petroleum products Ammunition Other nondurable goods	3.0 1.9 3.1	3.1 2.0 3.6	2.7 2.1 3.1	2.6 1.8 3.1	3.2 1.8 3.4	4.2 2.4 3.8	2.5 1.9 4.2	3.1 1.7 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 80.1 44.2	121.0 78.5 42.5	122.6 79.4 43.3	121.5 78.6 42.8	121.0 78.2 42.8	121.2 78.8 42.5	120.3 78.5 41.8	119.9 78.5 41.5
government fixed capital 4 Other services Research and	62.2 75.9	62.2 80.1	62.1 79.3	62.1 77.8	62.1 72.4	62.2 78.2	62.3 91.8	62.4 72.1
development	20.3 23.2 8.1 17.5	17.7 25.6 8.1 21.2	21.8 22.4 8.8 18.5	17.9 23.6 7.9 19.8	14.5 23.1 7.8 18.8	17.0 25.8 8.0 21.1	21.2 29.9 8.7 24.9	15.3 23.8 7.2 19.5
material Travel of persons Other	4.9 3.4 –1.5	5.4 3.3 –1.3	5.4 3.4 –1.0	5.7 3.4 - .6	6.0 3.4 -1.2	5.2 3.4 –2.4	4.7 3.1 9	4.7 2.9 –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 Aircraft Missiles Ships Vehicles Electronics and software Other equipment	45.3 6.2 3.5 6.4 1.5 13.8 13.8	50.1 7.8 3.0 6.7 1.6 16.3 14.7	46.8 8.1 3.0 6.9 1.4 14.3 13.1	47.2 6.3 2.9 6.8 1.4 14.7 15.0	49.9 7.8 2.9 6.6 1.8 16.4 14.3	50.0 8.1 2.9 6.5 1.6 17.0 14.0	53.3 9.1 3.2 7.0 1.8 16.9 15.3	51.0 10.2 2.3 5.9 1.8 17.5 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.

^{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.

4. Foreign Transactions_

Table 4.1.—Foreign Transactions in the National Income and Product Accounts

[Billions of dollars]

			s	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998		19	99		2000
			IV	1 .	- 11	111	IV	1
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 Goods ¹ Durable Nondurable Services ¹	966.3 681.3 487.2 194.0 285.1	699.0 503.6	693.3 498.3 195.0	674.3 486.7 187.6	680.5 489.8 190.7	708.8 512.2 196.6	525.8 206.5	747.7 539.9 207.7
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 Goods ¹ Durable Nondurable Services ¹		1,049.1 716.3 332.8	659.5 293.2	974.3 676.6 297.7	1,022.3 701.7 320.6	1,079.3 732.5 346.7	1,120.5 754.4 366.1	1,175.2 784.4 390.8
Income payments	295.2	322.3	297.9	298.2	310.4	323.2	357.3	379.7
Transfer payments (net) From persons (net) From government (net) From business	42.0 22.3 10.4 9.3	24.3	23.3 18.7	23.5 6.8	24.6 9.2	24.5 8.5	24.7 17.7	25.0 6.7
Net foreign investment	-201.5	-318.5	-229.9	-255.7	-303.7	-336.3	-378.2	-4 15.7

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]

 			S	easonall	ly adjusted at annual rates				
	1998	1999	1998		19	99		2000	
	ļ		IV	ı	II.	151	IV	1	
Exports of goods and services Goods ¹ Durable Nondurable Services ¹	1,004.6 722.8 513.5 209.3 282.0	751.9 537.5 214.2 290.9	744.2 529.3 214.9 285.0	726.4 518.2 208.1 287.9	734.1 522.8 211.2 290.1	763.3 548.2 214.9 290.2	560.9 222.7 295.5	796.8 575.8 220.8 297.2	
Imports of goods and services Goods 1 Durable Nondurable Services 1		1,365.4 1,162.5 804.3 358.5	1,263.1 1,069.7 733.7 336.0	1,300.9 1,102.0 753.6 348.5	1,345.4 1,142.5 787.4 355.0	1, 393.0 1,188.9 825.3	1,422.3 1,216.8 850.8 366.8	1,465.5 1,256.0 882.7 374.7	
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]

			Seasonally adjusted at annual rates						
	1998	1999	1998		19	199		2000	
			IV	1	II.	III	IV	1	
Exports of goods and	966.3	998.3	981.8	966.9	070 0	1,008.5	1 020 5	1 050 0	
Services Exports of goods ¹	681.3		693.3	674.3	680.5	708.8	I ′	l ′	
Foods, feeds, and beverages	46.4	45.5	47.5	43.2	45.3		46.5	47.1	
Industrial supplies and	70.7	40.0	47.5	40.2	45.5	7/.1	70.5	4/.1	
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		
Nondurable goods Capital goods, except	89.1	88.1	87.1	81.9	84.5	88.8	97.4	97.1	
automotive	300.1	311.2	309.2	301.7	299.5	319.3	324.2	329.1	
Civilian aircraft, engines,	1						1	1	
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		222.4	233.1	
Automotive vehicles, engines,				!			٠		
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	16.3	160	15.1	16 5	16.0	16.5	150	14.2	
agency sales contracts Travel	71.3	16.2 73.7	15.17 71.8	16.5 72.6	16.0 73.5	73.0	15.8 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 92.1	37.5 99.0	39.6 93.0	37.3 96.4	37.6 98.6	37.4 99.3	37.6	37.6 105.4	
Other private services Other	23.1	24.4	23.5	23.8	24.2	24.5	101.7 25.0		
Imports of goods and				20.0				20.0	
	44460		انسمنيا				ام محم دا		
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	1,252.2 1,049.1	1,143.1 952.6			1,286.6			
Imports of goods 1 Foods, feeds, and beverages									
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and	930.4	1,049.1	952.6	974.3	1,022.3	1,079.3	1,120.5	1,175.2	
Imports of goods I	930.4 41.2	1,049.1 43.6	952.6 41.6	974.3 41.7	1,022.3 43.8	1,079.3 44.2	1,120.5 44.8	1,175.2 44.3	
Imports of goods 1	930.4	1,049.1	952.6	974.3	1,022.3 43.8 143.8 77.8	1,079.3	1,120.5	1,175.2	
Imports of goods 1	930.4 41.2 142.6 75.8 66.8	1,049.1 43.6 148.7 79.2 69.5	952.6 41.6 140.3 75.1 65.2	974.3 41.7 140.0 75.0 65.0	1,022.3 43.8 143.8 77.8 66.1	1,079.3 44.2 151.6 80.1 71.5	1,120.5 44.8 159.4 84.1 75.3	1,175.2 44.3 165.6 89.4 76.2	
Imports of goods 1	930.4 41.2 142.6 75.8	1,049.1 43.6 148.7 79.2	952.6 41.6 140.3 75.1	974.3 41.7 140.0 75.0	1,022.3 43.8 143.8 77.8	1,079.3 44.2 151.6 80.1	1,120.5 44.8 159.4 84.1	1,175.2 44.3 165.6 89.4	
Imports of goods 1	930.4 41.2 142.6 75.8 66.8 50.9	1,049.1 43.6 148.7 79.2 69.5 67.5	952.6 41.6 140.3 75.1 65.2 45.8	974.3 41.7 140.0 75.0 65.0 42.4	1,022.3 43.8 143.8 77.8 66.1 63.7	1,079.3 44.2 151.6 80.1 71.5 78.3	1,120.5 44.8 159.4 84.1 75.3 85.6	1,175.2 44.3 165.6 89.4 76.2 108.7	
Imports of goods 1	930.4 41.2 142.6 75.8 66.8 50.9 269.6	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8	952.6 41.6 140.3 75.1 65.2 45.8 274.2	974.3 41.7 140.0 75.0 65.0 42.4 279.1	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	930.4 41.2 142.6 75.8 66.8 50.9	1,049.1 43.6 148.7 79.2 69.5 67.5	952.6 41.6 140.3 75.1 65.2 45.8	974.3 41.7 140.0 75.0 65.0 42.4	1,022.3 43.8 143.8 77.8 66.1 63.7	1,079.3 44.2 151.6 80.1 71.5 78.3	1,120.5 44.8 159.4 84.1 75.3 85.6	1,175.2 44.3 165.6 89.4 76.2 108.7	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	930.4 41.2 142.6 75.8 66.8 50.9 269.6	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8	952.6 41.6 140.3 75.1 65.2 45.8 274.2	974.3 41.7 140.0 75.0 65.0 42.4 279.1	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6 82.0	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 123.9	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 123.9 115.9	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 2115.8	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7	
Imports of goods 1 Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2 60.4	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 123.9 72.5	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3	1,022.3 43.8 143.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services ¹	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 60.4 185.5	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 123.9 72.5 203.1	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 201.7	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products. Durable goods. Nondurable goods. Petroleum and products. Capital goods, except automotive Civilian aircraft, engines, and parts. Computers, peripherals, and parts. Other Automotive vehicles, engines, and parts. Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2 60.4 185.5 12.8	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 115.9 72.5 203.1 14.7	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 123.0 74.7 209.0 15.0	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 15.0	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 105.2 60.4 185.5 12.8 56.1	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 192.0 180.1 239.9 123.9 115.9 72.5 203.1 14.7 60.7 21.5	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 50.5	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 14.0 59.4 20.5	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7 14.4 60.0 21.3	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.9	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0 62.6 22.4	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 73.7 214.6 15.0 64.2 23.5	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2 60.4 185.5 12.8 56.1 13.8	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 115.9 72.5 203.1 14.7 60.7 21.5 34.2	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 14.0 59.4 20.5 30.9	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7 14.4 60.0 21.3 33.2	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 60.9 21.8 36.1	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 123.0 74.7 209.0 62.6 224.3 36.6	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 64.2 23.5 37.5	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products. Durable goods. Nondurable goods. Petroleum and products. Capital goods, except automotive. Civilian aircraft, engines, and parts. Computers, peripherals, and parts. Other Automotive vehicles, engines, and parts. Consumer goods, except automotive. Durable goods. Nondurable goods. Other Imports of services¹ Direct defense expenditures. Travel. Passenger fares. Other transportation. Royalties and license fees.	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2 60.4 182.8 56.1 19.8 30.5 11.3	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 115.9 72.5 203.1 14.7 60.7 21.5 34.2 21.5	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4 11.7	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 14.0 59.4 20.5 30.9 12.7	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7 14.4 60.0 21.3 33.2 13.0	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.8 36.1 11.9	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0 62.6 22.4 36.6 612.3	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 064.2 23.5 37.5 12.3	
Imports of goods Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products. Durable goods. Nondurable goods. Petroleum and products. Capital goods, except automotive. Civilian aircraft, engines, and parts. Computers, peripherals, and parts. Other. Automotive vehicles, engines, and parts. Consumer goods, except automotive. Durable goods. Nondurable goods. Other. Imports of services Travel. Passenger fares. Other transportation. Royalties and license fees. Other private services.	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2 60.4 185.5 12.8 56.1 13.8	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 123.9 72.5 203.1 14.7 60.7 21.5 34.2 12.1 51.8	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 14.0 59.4 20.5 30.9	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7 14.4 60.0 21.3 33.2	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.8 36.1 111.9 35.1	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 123.0 74.7 209.0 62.6 224.3 36.6	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 64.2 23.5 37.5	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Other Other Royalties and license fees Other Other Other Other Other Consumer goods Other Consumer goods Other Direct defense expenditures Travel Direct defense expenditures Other transportation Royalties and license fees Other	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 105.2 60.4 185.5 12.8 56.1 19.8 30.5 11.3 47.7	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 115.9 72.5 203.1 14.7 60.7 21.5 34.2 21.5	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4 11.7 49.1	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.5 70.3 194.2 14.0 59.4 20.5 30.9 12.7 49.3	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 60.0 21.3 33.2 13.3 25.2	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.8 36.1 11.9	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0 15.0 62.6 22.4 36.6 12.3 52.2	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 15.0 64.2 23.5 37.5 123.5	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of agricultural goods ²	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 105.2 60.4 185.5 12.8 56.1 19.8 30.5 11.3 47.7	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 123.9 72.5 203.1 14.7 60.7 21.5 34.2 12.1 51.8	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4 11.7 49.1	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.5 70.3 194.2 14.0 59.4 20.5 30.9 12.7 49.3	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 60.0 21.3 33.2 13.3 25.2	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.8 36.1 111.9 35.1	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0 15.0 62.6 22.4 36.6 12.3 52.2	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 15.0 64.2 23.5 37.5 123.5	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products. Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of agricultural goods ² Exports of agricultural goods ² Exports of agricultural goods ² Exports of nonagricultural	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 105.2 60.4 185.5 12.8 56.1 19.8 30.5 11.7 7.4	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 192.0 180.1 239.9 123.9 72.5 203.1 14.7 60.7 21.5 34.2 12.4 51.8 7.7	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4 11.7 49.1 7.6	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 14.0 59.4 20.5 30.9 12.7 49.3 7.4	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 201.7 14.4 60.0 21.3 33.2 13.0 52.2 7.7	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.8 36.1 111.9 51.8 51.8	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0 15.0 62.6 22.4 36.6 12.3 52.2 7.8	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 15.0 64.2 23.5 37.5 12.3 17.9	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of agricultural goods ² Exports of nonagricultural	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 111.5 105.2 60.4 185.5 11.3 30.5 11.3 47.7 7.4	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 81.4 192.0 180.1 239.9 72.5 203.1 15.9 72.5 34.2 12.4 51.8 7.7	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 11.7 49.1 7.6	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 20.5 30.9 12.7 49.3 7.4	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7 201.7 33.2 33.2 13.0 52.2 7.7	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 60.9 21.8 36.1 11.9 53.3 7.9	1,120.5 44.8 159.4 85.6 314.2 23.7 83.5 206.9 187.5 254.3 123.0 74.7 209.0 62.6 22.4 36.6 12.3 52.2 7.8	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 64.2 23.5 12.3 54.1 7.9	
Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products. Durable goods Nondurable goods Petroleum and products Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Other Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of agricultural goods ² Exports of agricultural goods ² Exports of agricultural goods ² Exports of nonagricultural	930.4 41.2 142.6 75.8 66.8 50.9 269.6 21.8 72.5 175.3 149.1 216.7 105.2 60.4 185.5 12.8 56.1 19.8 30.5 11.7 7.4	1,049.1 43.6 148.7 79.2 69.5 67.5 296.8 23.4 192.0 180.1 239.9 123.9 72.5 203.1 14.7 60.7 21.5 34.2 12.4 51.8 7.7	952.6 41.6 140.3 75.1 65.2 45.8 274.2 24.2 74.7 175.3 161.2 221.1 114.7 106.4 68.5 190.4 13.6 56.5 20.5 31.4 11.7 49.1 7.6	974.3 41.7 140.0 75.0 65.0 42.4 279.1 22.2 77.6 179.3 171.6 229.2 115.8 113.5 70.3 194.2 14.0 59.4 20.5 30.9 12.7 49.3 7.4	1,022.3 43.8 77.8 66.1 63.7 291.7 22.6 82.0 187.1 175.1 232.8 121.5 111.4 71.4 201.7 144.60.0 21.3 33.2 7.7 49.0 631.4	1,079.3 44.2 151.6 80.1 71.5 78.3 302.2 24.9 82.5 194.7 186.2 243.0 127.2 115.8 73.7 207.4 15.4 60.9 21.8 36.1 111.9 51.8 51.8	1,120.5 44.8 159.4 84.1 75.3 85.6 314.2 23.7 83.5 206.9 187.5 254.3 131.3 123.0 74.7 209.0 62.6 22.4 36.6 22.4 36.6 50.8 681.6	1,175.2 44.3 165.6 89.4 76.2 108.7 323.4 23.1 83.5 216.8 197.2 262.2 137.5 124.7 73.7 214.6 064.2 23.5 37.5 12.3 54.1 7.9 52.7	

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.
 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]

			Seasonally adjusted at annual rates							
	1998	1999	1998		19	99		2000		
			IV	ı	II.	III	IV	ı		
Exports of goods and										
services	1			1,014.3						
Exports of goods 1	722.8	751.9	744.2	726.4	734.1	763.3	783.7	796.8		
Foods, feeds, and beverages Industrial supplies and	55.1	56.7	57.8	52.9	56.1	59.1	58.8	59.4		
materials	151.5	153.0	152.3	147.1	150.1	152.7	162.1	162.2		
Durable goods Nondurable goods	56.5 95.1	58.2 94.8	56.3 96.0	55.9 91.1	57.0 93.1	58.2 94.4	61.6 100.4	64.9 97.5		
Capital goods, except	33.1	34.0	30.0	J 711	33.1	J 77.7	100.4	07.0		
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	76.4 249.1		
OtherAutomotive vehicles, engines,	212.7	224.9	212.3	213.4	217.5	231.9	236.8	243.1		
and parts	72.5	73.7	73.9	70.5	74.0	74.8	75.3	79.0		
Consumer goods, except		٠	~~ ~							
automotive Durable goods	78.7 40.2	80.4	78.8 40.2	79.3 39.5	78.9 40.5	80.3 41.4	83.2 44.1	86.9 46.3		
Nondurable goods	38.4	41.4 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		ļ								
_ 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 Other transportation	20.9 26.4	20.5 28.0	19.6 27.4	19.7 27.7	20.7 27.7	20.6 27.7	20.9 29.1	21.3 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		
			1 060 7	4 402 0	440 =	4466				
imports of goods	1,031.6	1,162.5	1,003.7	1,102.0	1,142.5	1,188.9	1,216.8	1,256.0		
Foods, feeds, and beverages	1,031.6 42.2	1,162.5 46.1	42.8	43.7	1,142.5 46.0	1,188.9 47.2	1 ,216.8 47.6			
Foods, feeds, and beverages Industrial supplies and										
Foods, feeds, and beverages Industrial supplies and materials, except petroleum	42.2	46.1	42.8	43.7	46.0	47.2	47.6	47.0		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products					46.0 154.5	47.2 159.0		47.0 167.2		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 150.2 78.2 71.9	46.1 157.3 81.4 75.8	42.8 151.1 79.6 71.4	43.7 151.1 78.7 72.3	46.0 154.5 80.7 73.7	47.2 159.0 81.2 77.8	47.6 164.7 85.2 79.4	47.0 167.2 87.4 79.7		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 150.2 78.2	46.1 157.3 81.4	42.8 151.1 79.6	43.7 151.1 78.7	46.0 154.5 80.7	47.2 159.0 81.2	47.6 164.7 85.2	47.0 167.2 87.4 79.7		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4	46.1 157.3 81.4 75.8 81.3	42.8 151.1 79.6 71.4 79.2	43.7 151.1 78.7 72.3 80.6	46.0 154.5 80.7 73.7 85.3	47.2 159.0 81.2 77.8 82.7	47.6 164.7 85.2 79.4 76.6	47.0 167.2 87.4 79.7 82.2		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 150.2 78.2 71.9	46.1 157.3 81.4 75.8	42.8 151.1 79.6 71.4	43.7 151.1 78.7 72.3	46.0 154.5 80.7 73.7	47.2 159.0 81.2 77.8	47.6 164.7 85.2 79.4	1,256.0 47.0 167.2 87.4 79.7 82.2 420.5		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4	46.1 157.3 81.4 75.8 81.3	42.8 151.1 79.6 71.4 79.2	43.7 151.1 78.7 72.3 80.6	46.0 154.5 80.7 73.7 85.3	47.2 159.0 81.2 77.8 82.7	47.6 164.7 85.2 79.4 76.6	47.0 167.2 87.4 79.7 82.2 420.5		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 150.2 78.2 71.9 81.4 328.3 20.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7	42.8 151.1 79.6 71.4 79.2 339.6 22.8	43.7 151.1 78.7 72.3 80.6 347.5	46.0 154.5 80.7 73.7 85.3 370.5 21.0	47.2 159.0 81.2 77.8 82.7 390.0	47.6 164.7 85.2 79.4 76.6 406.9 22.0	47.0 167.2 87.4 79.7 82.2 420.5		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3	46.1 157.3 81.4 75.8 81.3 378.7 21.7	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5	43.7 151.1 78.7 72.3 80.6 347.5 20.7	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3	47.0 167.2 87.4 79.7 82.2 420.5 21.3		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products. Durable goods. Nondurable goods. Petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3	46.1 157.3 81.4 75.8 81.3 378.7 21.7	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5	43.7 151.1 78.7 72.3 80.6 347.5 20.7	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4		
Industrial supplies and materials, except petroleum and products Durable goods Nondurable goods Nondurable goods Capital goods, except automotive Civilian aircraft, engines, and parts Computers, peripherals, and parts Other Automotive vehicles, engines, and parts Consumer goods, except Consumer goods, except	42.2 150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 272.1		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 272.1 147.1 125.3		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 272.1 147.1 125.3 74.1		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1 203.9	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 116.3 74.3 205.5	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 272.1 147.1 125.3 74.1		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1 203.9 16.2	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8 14.5	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 71 99.4	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3 205.5	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 272.1 147.1 125.3 74.1 17.0		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 18.5	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 63.3 19.5	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 116.3 74.3 205.5	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 64.8 20.4	47.0. 167.2. 87.4. 79.7. 82.2. 420.5. 21.3. 140.3. 262.4. 194.4. 272.1. 125.3. 74.1. 17.0. 66.7. 20.7.		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 18.5 31.7	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1 203.9 16.2 63.3 19.5 31.9	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 14.5 58.2 19.3 32.3	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4 15.4 62.5 19.0 32.0	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2 63.1 19.3 31.5	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3 205.5 17.0 62.7 19.4 32.1	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 64.8 20.4 31.9	47.0 167.2 87.4 79.7 82.2 420.5 140.3 262.4 194.4 272.1 125.3 74.1 17.0 66.7 20.7 32.5		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 118.5 31.7 11.0	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 73.1 203.9 16.2 63.3 19.5 31.9 12.0	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 68.1 193.8 14.5 58.2 19.0 32.3 31.1.4	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4 15.4 62.5 19.0 32.0 32.0 32.0 32.0 32.0 32.0 32.0 32	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 162.2 63.1 19.3 31.5 12.5	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3 205.5 17.0 62.7 19.4 32.1 11.4	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 164.8 20.4 31.9	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 125.3 74.1 125.3 74.1 211.4 17.0 20.7 32.5 11.7		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 18.5 31.7 11.0 49.1	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1 203.9 16.2 63.3 19.5 31.9 15.6	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8 14.5 58.2 19.0 32.3 11.4 51.0	43.7 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4 15.4 62.5 19.0 32.0 12.3 50.9	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2 63.1 19.3 31.5 53.6	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 17.0 62.7 19.4 32.1 11.4 55.4	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 64.8 20.4 31.9 11.7 54.4	47.0 167.2 87.4 79.7 82.2 420.5 140.3 262.4 194.4 272.1 125.3 74.1 17.0 60.7 62.7 117.7 55.3		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 11.0 49.1 7.3	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 63.3 19.5 31.9 12.0 53.6 7.6	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 121.0 106.4 68.1 193.8 14.5 58.2 11.4 51.0 7.5	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 62.5 19.0 32.0 12.3 50.9 7.4	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2 63.1 19.3 31.5 53.6 7.6	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3 205.5 17.0 62.7 19.4 32.1 11.4 7.7	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 64.8 20.4 31.9 11.7 54.4 7.6	47.0 167.2 87.4 79.7 82.2 420.5 140.3 262.2 194.4 272.1 125.3 74.1 211.4 17.0 66.7 32.8 117.7 55.3 7.6		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	42.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 18.5 31.7 11.0 49.1	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1 203.9 16.2 63.3 19.5 31.9 15.6	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8 14.5 58.2 19.0 32.3 11.4 51.0	43.7 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4 15.4 62.5 19.0 32.0 12.3 50.9	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2 63.1 19.3 31.5 53.6	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 17.0 62.7 19.4 32.1 11.4 55.4	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 64.8 20.4 31.9 11.7 54.4	47.0 167.2 87.4 79.7 82.2 420.5 140.3 262.4 272.1 147.1 125.3 74.1 77.0 66.7 32.5 553.3 7.6		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 11.0 49.1 7.3	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 63.3 19.5 31.9 12.0 53.6 7.6	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 121.0 106.4 68.1 193.8 14.5 58.2 11.4 51.0 7.5	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 62.5 19.0 32.0 12.3 50.9 7.4	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2 63.1 19.3 31.5 53.6 7.6	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3 205.5 17.0 62.7 19.4 32.1 11.4 7.7	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 64.8 20.4 31.9 11.7 54.4 7.6	47.0 167.2 87.4 79.7 82.2 420.5 140.3 262.4 194.4 125.3 74.1 211.4 17.0 66.7 7.5 55.3 7.6 7.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 14.4 58.7 11.0 49.1 7.3 -2.3	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 73.1 203.9 12.0 53.6 7.6 -5.0	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8 14.9 51.0 7.5 6	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4 62.5 19.0 32.0 92.0 97.4 8	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 16.2 63.1 19.3 31.5 53.6 7.6 -5.5	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 135.5 116.3 74.3 205.5 17.0 62.7 19.4 32.1 11.4 55.4 7.7 -7.9	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 46.8 20.4 31.9 11.7 54.4 7.6 6-8.0	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 272.1 147.1		
Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	150.2 78.2 71.9 81.4 328.3 20.7 101.3 206.7 148.6 222.3 117.1 105.3 60.4 190.7 18.5 31.7 11.0 49.1 7.3 -2.3 62.6 659.9	46.1 157.3 81.4 75.8 81.3 378.7 21.7 131.2 229.5 178.3 247.8 131.7 116.2 63.3 19.5 31.9 12.0 53.6 -5.0	42.8 151.1 79.6 71.4 79.2 339.6 22.8 110.5 207.3 160.7 227.3 121.0 106.4 68.1 193.8 14.5 58.2 19.0 32.3 11.4 51.0 7.56 66.3	43.7 151.1 78.7 72.3 80.6 347.5 20.7 117.7 211.7 170.4 235.7 122.3 113.4 70.7 199.4 15.4 62.5 19.0 32.0 12.3 50.9 7.4 -8 58.8	46.0 154.5 80.7 73.7 85.3 370.5 21.0 130.8 223.0 173.4 240.8 129.1 111.9 72.2 203.7 162.2 63.1 19.3 31.5 53.6 7.6 -5.5 62.7	47.2 159.0 81.2 77.8 82.7 390.0 23.2 136.9 234.0 184.1 251.6 116.3 74.3 205.5 17.0 62.7 19.4 32.1 11.4 7.7 -5.9 66.6 696.6	47.6 164.7 85.2 79.4 76.6 406.9 22.0 139.3 249.4 185.2 263.1 140.0 123.3 75.1 207.2 16.4 8 20.4 31.9 7 54.4 7.6 -8.0 65.2 717.9	47.0 167.2 87.4 79.7 82.2 420.5 21.3 140.3 262.4 194.4 17.0 66.7 20.7 32.5 55.3 7.6 -7.2 68.1		

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 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]

			S	easonall	y adjuste	ed at ani	nual rate	s
	1998	1999	1998		19	99		2000
			IV	I	II	ill	IV	
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 Personal saving Undistributed corporate profits with inventory valuation and capital consumption adjustments Undistributed profits Inventory valuation adjustment Capital consumption adjustment Corporate consumption of fixed capital Noncorporate consumption of fixed capital Wage accruals less disbursements		224.4 -13.0 57.2 661.1		195.1 282.5 213.7 13.3 55.5 640.9	168.0 264.5 219.9 -13.6 58.2 652.2	139.5 257.4 227.0 –26.7 57.0 671.6	122.8 270.1 237.1 -24.9 58.0	40.6 285.2 255.0 -26.7 56.9 694.6
Gross government saving Federal Consumption of fixed capital Current surplus or deficit (-), national income and product accounts State and local Consumption of fixed capital Current surplus or deficit (-), national income and product accounts	274.8 134.3 87.4 46.9 140.5 98.8 41.7	90.9 115.4 156.2 105.2	303.0 147.8 88.1 59.7 155.2 101.1 54.2	338.3 187.2 89.6 97.6 151.1 102.4 48.7	350.2 208.3 90.2 118.1 141.9 104.3 37.6	91.2 133.8 154.8 106.0		93.4 186.3 166.7 109.9
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 Gross government investment Net foreign investment	1,531.2 268.7 –201.5		272.6	289.8	292.2	295.7	313.7	
Statistical discrepancy	-47.6	-125.1	-62.4	-9 9.4	-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]

			S	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998		19	99		2000
			IV	1	11	111	IV	ı
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 Utilities Mining exploration, shafts,	197.0 39.2	199.9 39.5		204.0 39.2	199.8 39.1	197.5 39.9		
and wellsOther structures	30.0 6.5	27.1 6.9	28.0 6.6	25.2 6.4	26.0 7.6			
Equipment and software	818.5	893.4	843.4	865.2	882.9	909.5	916.0	969.2
Information processing equipment and software Computers and	356.9	406.9	369.7	382.3	401.7	416.8	426.8	455.6
peripheral equipment ¹ Software ² Other Industrial equipment Transportation equipment Other	88.5 123.4 144.9 150.2 176.0 135.5	165.6 152.0 197.1	131.2 148.0 151.4 187.0	147.9 193.1	140.7 164.6 149.3 193.6	145.8 170.2 153.0 204.9	152.0 173.2 157.9 196.9	159.0 189.1
Residential	368.7	411.3	387.5	403.4	412.4	412.7	416.7	426.1
Structures Single family Multifamily Other structures	360.4 189.5 24.5 146.5	402.4 213.9 27.7 160.8	202.2 24.8	394.6 211.8 27.7 155.1	213.7	211.7 27.8	218.3 27.6	416.8 229.9 29.4 157.6
Equipment	8.3	8.9	8.5	8.7	8.9	9.0	9.1	9.3

Table 5.5.—Real Private Fixed Investment by Type

[Billions of chained (1996) dollars]

			S	easonall	y adjuste	ed at an	nual rate	s
	1998	1999	1998		19	99		2000
			IV	- 1	11	III	IV	ı
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 Nonresidential buildings,	254.1	248.1	255.7	251.9	248.5	246.1	245.8	257.6
including farm Utilities Mining exploration, shafts,	184.6 38.0	180.4 38.2	187.4 38.7	186.6 38.1	181.2 38.0			185.4 39.5
and wellsOther structures	25.4 6.2	23.4 6.4	23.6 6.2	21.6 6.0		24.3 6.3		26.3 6.5
Equipment and software Information processing	870.6	974.9	908.5	935.7	960.9	996.6	1,006.4	1,067.7
equipment and software Computers and	418.5	509.8	448.5	470.4	501.0	526.0	541.7	582.9
peripheral equipment !	154.2	220.8	178.3					
Software 2 Other	129.2 147.1	149.3 169.9	137.8 150.9	141.6 157.8				
Industrial equipment	148.1	149.0	148.9	145.0				160.0
Transportation equipment	175.3	195.7	185.8	190.8			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 Single family Multifamily Other structures	341.8 180.3 21.8 139.8	367.0 195.0 22.9 149.2	354.0 189.3 21.1 143.7	364.8 195.8 23.3 145.7	369.7 195.8 22.9 151.1		367.5 196.5 22.6 148.4	372.1 205.0 23.8 143.1
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

Includes new computers and peripheral equipment only.
 Excludes software "embedded," or bundled, in computers and other equipment.

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 Excludes software "embedded," or bundled, in computers and other equipment.

^{2.} Excludes software embedded, or bornleat, 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]

			Sea	sonally	adjuste	ed at ar	nual ra	ates
	1998	1999	1998		19	99		2000
			IV	1	11	Ш	ΙV	1
Change in private inventories	71.2		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		56.2	40.9		40.1	71.3	36.3
Change in book value 1 Inventory valuation adjustment 2	45.7 25.2		33.7 22.5	22.8 18.2				67.2 -30.9
Manufacturing	24.1	.4	11.5	0_	-7.8		7.8	12.4
Durable goodsNondurable goods	16.4 7.8	0 .4	6.5 5.1	1.7 -1.7		1.6 0	2.9 4.9	8.3 4.1
Wholesale trade	22.4	14.6	16.3	8.8	10.7	24.2	14.7	21.0
Durable goods	16.0		15.2	11.3		10.6	16.7	15.8
Nondurable goods	6.4	2.3	1.1	-2.6	.0.0	13.6	-2.0	
Merchant wholesalers	19.6	13.4	13.9	7.5		22.0	15.8	16.2
Durable goods	14.0		13.6	9.8		9.6	17.7	
Nondurable goods Nonmerchant wholesalers	5.7 2.8	2.4 1.2	.2 2.4	-2.3 1.3	1.3 ¹ 2.4	12.4 2.2	-1.9 -1.1	4.2 4.8
Durable goods	2.0	1.3	1.6	1.5	3.5	1.0	-1.1 -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 Nondurable goods	4.0 5.8	6.6 7.2	8.4 4	6.3 8.1	4.0 1.9	2.6 2.6	13.8 16.2	2.6 .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	
Nondurable goods	12.0	5.6	11.8	13.0	6.0	1.0	2.4	3.6

Table 5.11.—Real Change in Private Inventories by Industry Group [Billions of chained (1996) dollars]

			Sea	sonally	adjuste	ed at ar	nual ra	ates
	1998	1999	1998		19	99		2000
			١٧	1	ll .	101	IV	1
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 Durable goods Nondurable goods	25.1 16.9 8.1	.4 0 .4	12.0 6.8 5.3	0 1.8 –1.8	-8.3 -6.6 -1.7	1.7 1.8 0	8.2 3.0 5.1	12.8 8.6 4.2
Wholesale trade	23.4 16.3 7.1	15.2 12.8 2.4	17.2 15.5 1.4	9.5 11.8 –2.4	11.1 11.0 .1	25.1 11.1 14.0	15.0 17.3 –2.2	21.4 16.4 5.1
Merchant wholesalers Durable goods Nondurable goods Nonmerchant wholesalers Durable goods Nondurable goods	20.4 14.2 6.2 3.0 2.1	14.0 11.5 2.5 1.3 1.3	14.6 13.9 .5 2.6 1.6 1.0	8.2 10.2 -2.1 1.4 1.6 -3	8.6 7.3 1.3 2.5 3.7 -1.2	22.8 10.0 12.8 2.3 1.1 1.2	16.2 18.4 -2.1 -1.2 -1.1 1	4.3
Retail trade	11.1 5.3 1.3 4.0 5.8	20.5 13.6 6.9 6.6 7.0	15.5 16.0 7.6 8.4 3	17.5 9.5 3.1 6.3 8.0	5.9 4.0 0 4.0 1.9	14.1 11.8 9.3 2.5 2.5	44.4 29.1 15.3 13.7 15.6	-1.7 -2.0 -4.6 2.6
Other	13.9 1.2 12.6	5.9 0 5.9	13.6 1.0 12.6 5	15.7 1.7 14.0	4.1 -2.0 6.3	.1 -1.0 1.1 .5	3.6 1.1 2.4 2.1	4.6 1.0 3.6

^{1.} Inventories of auto and home supply stores are included in "other durable goods."

This series is derived from the Census Bureau series "current cost inventories."
 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 foothote 1). This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.
 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]

	S	easonali	y adjust	ed quart	erly total	s
	1998	_	19	99		2000
	IV	1	(1	111	١٧	1
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		563.5	581.4	591.5	605.5
Manufacturing	450.5		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		220.9 124.3	224.1 131.6	229.2 132.5	233.6 137.0
Nondurable goods	122.9					
Merchant wholesalers Durable goods	296.6 190.8	295.4 189.9	298.2 192.0	307.0 194.9	312.7 200.2	319.4 203.6
Nondurable goods	105.8	105.4	106.2	112.1	112.5	
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	91.8 160.2	93.4 161.9	93.8 164.7	97.5	98.1 171.0
	105.7	109.9			118.2	121.8
Other Durable goods	105.7	109.9	8.3	7.9	118.2 8.2	121.8
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	"""	007.0	042.0	001.0	****	002
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]

	S	easonali	v adiust	ed quart	erly total	
	1998		 .	99	,	2000
	ΙV	1	11	III	١٧	1
Private inventories 1	1,395.3	1,407.8	1,411.3	1,420.8	1,437.5	1,445.1
Farm	107.6		109.7	108.7	107.0	105.3
Nonfarm	1,287.4 716.2 571.2	722.5	724.1	730.0	1,329.8 742.9 587.0	748.8
Manufacturing Durable goods Nondurable goods	477.2 296.2 180.9	477.2 296.7 180.5	475.1 295.1 180.0	475.5 295.5 180.0	477.6 296.3 181.3	298.4
Wholesale trade	355.4 224.6 130.8	357.8 227.6 130.2	360.6 230.3 130.2	366.9 233.1 133.7	370.6 237.4 133.1	376.0 241.5 134.4
Merchant wholesalers Durable goods Nondurable goods Nonmerchant wholesalers Durable goods	307.6 195.7 111.9 47.8 28.9	111.3 48.1 29.3	111.7 48.8 30.2	49.4 30.5	321.6 207.2 114.3 49.1 30.2	325.8 210.3 115.4 50.2 31.2
Nondurable goods Retail trade	18.9 342.9 187.3 97.0 90.3 155.5	347.2 189.7 97.8 91.9	348.7 190.7 97.8 92.9	193.6 100.1 93.5	, , , , ,	362.9 200.4 102.8
Other Durable goods Nondurable goods	112.3 8.1 104.2	116.2 8.5	117.2 8.0	117.2 7.7	118.1 8.0 110.1	
Residual	.1	.1	1	.3	1.0	.8
Final sales of domestic business 3 Final sales of goods and structures of	605.7	613.3	619.0	626.5	636.8	648.8
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 2.13			2.27 2.09	2.26 2.09	2.23 2.06
structures	3.77	3.74	3.73	3.71	3.70	3.62

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.
 Inventories of auto and home supply stores are included in "other durable goods."
 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.

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 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]

			S	easonall	y adjust	ed at an	nual rate	s
	1998	1999	1998		19	99		2000
			IV	1	II	1))	IV	ı
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 Mining Construction	102.5 54.7 342.0	50.8		49.9		51.4	52.7	
Manufacturing Durable goods Nondurable goods	1,155.9 689.0 466.9	709.2	703.2	699.0		711.7	719.7	
Transportation and public utilities	526.2 222.3 166.9 137.0	233.1 179.6	227.5 167.6	228.8 174.7	229.0 176.0	234.5 181.0	240.3 186.8	
Wholesale trade	410.2 580.8 1,274.3	619.5 1.385.7	591.5 1.311.0	609.8 1.348.3	618.6 1.361.5	618.8 1.392.0	630.7 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							
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]

			Sea	sonally	adjuste	ed at a	nnual ra	ates
	1998	1999	1998		19	99		2000
			iV	ı	II.	III	IV	1
Corporate profits with inventory valuation and capital consumption adjustments	848.4	892.7	839.0	886.9	880.5	884.1	919.4	953.
Domestic industries	748.4	789.4	740.7	782.6	777.1	776.0	821.9	855.0
FinancialNonfinancial	171.7 576.7	186.6 602.8	168.0 572.7	185.4 597.2		182.0 594.0		
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 Less: Payments to the rest of the world	148.4 48.4	166.2 62.8	146.8 48.5	157.0 52.7	164.1 60.8	169.5 61.4	174.0 76.5	185.2 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 Financial Federal Reserve banks Other Nonfinancial Manufacturing Durable goods Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric	702.8 191.3 24.6 166.7 511.5 168.4 95.1 5.4 17.3 14.6	732.2 208.1 25.6 182.5 524.2 165.6 98.6 .9 18.9 17.9 20.7	500.6 161.7	521.9 171.0	24.5 173.7 520.6 167.8 100.7 1.2 19.0		28.1 196.8 539.0 160.3 99.0 .5 17.6	29.0 197.0 571.0
equipment Motor vehicles and equipment Other Nondurable goods Food and kindred products Chemicals and allied products Petroleum and coal products Other Transportation and public utilities	18.2 7.5 32.2 73.3 17.0 20.6 8.3 27.3 109.0	10.2 30.1 66.9 16.0 19.9 29.6 116.3	9.8 33.7 55.5 7.1 20.0 4.1 24.2 106.9	20.5 10.7 31.6 70.5 17.2 25.1 9 29.0 111.9	19.6 10.4 32.0 67.0 18.6 20.8 3 28.0 107.9	9.5 27.2 68.7 18.7 17.4 3.6 29.0 117.3	10.1 29.5 61.4 9.2 16.2 3.7 32.2 128.0	
Transportation	19.4 49.3 40.2 47.2 69.8 117.1	18.1 55.4 42.7 42.4 72.9 127.1	19.7 46.8 40.5 41.2 69.0 121.7	18.3 52.2 41.5 43.4 75.7 119.8	17.2 52.5 38.2 44.3 75.4 125.2	17.7 56.4 43.2 39.1 67.7 127.9	19.3 60.7 48.0 42.8 72.6	
Rest of the world	100.0	103.3	98.3	104.3	103.3	108.1	97.5	98.

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]

				Se	easonally	/ adjuste	d						Se	easonally	adjuste	d	
	1998	1999	1998		19	99		2000		1998	1999	1998		19	99		2000
			IV	- 1	li	III	IV	1				IV	ı	11	III	IV	<u> </u>
Gross domestic product: Current dollars	108.74 103.11	118.47 113.25 104.55 104.61	110.58 103.51	116.12 111.58 104.03 104.07	112.10 104.37	119.00 113.65 104.65 104.71	115.67 105.16	117.20 105.86	Exports of goods and services: Current dollars	110.54 114.92 96.19 96.19	114.20 119.24 95.76 95.77	112.32 117.68 95.44 95.45	110.61 116.03 95.33 95.33	111.90 117.17 95.49 95.50	120.42 95.80	118.92 123.34 96.41 96.42	121.13 124.99 96.92 96.92
expenditures: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	111.67 108.48 102.93 102.93	114.25 104.57	110.35 103.37	116.29 112.10 103.74 103.74	113.50 104.32	120.36 114.86 104.79 104.79	116.52 105.43	118.65 106.25	Exports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	110.17 116.89 94.25 94.25	113.03 121.59 92.95 92.96	112.11 120.35 93.15 93.15	109.04 117.46 92.83 92.83	110.04 118.71 92.69 92.69	114.61 123.43 92.85 92.85	118.42 126.73 93.44 93.44	120.90 128.84 93.83 93.84
Durable goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	113.26 118.66 95.45 95.45	123.06 132.32 93.00 93.00	117.25 124.26 94.34 94.36	119.88 127.95 93.67 93.69	121.92 130.76 93.22 93.24	123.58 133.21 92.75 92.77	126.87 137.35 92.35 92.37	144.47	Exports of services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	111.46 110.24 101.10 101.10	113.75	101.26	112.56 101.65	113.44 102.60	113.46 103.28	120.10 115.55 103.95 103.94	121.70 116.19 104.74 104.74
Nondurable goods: Current dollars	101.40	117.09 112.84 103.76 103.77	101.78	113.58 111.15 102.19 102.19	103.47	104.20	105.18	106.56	Imports of goods and services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	115.86 126.89 91.31 91.31	130.01 141.77 91.64 91.71	118.68 131.14 90.48 90.50	121.32 135.07 89.81 89.82	127.09 139.69 90.96 90.98	144.63 92.35	138.05 147.68 93.46 93.48	144.30 152.16 94.82 94.84
Current dollars	112.95 107.26 105.31 105.31	111.59 107.51	108.50 106.12	116.97 109.61 106.72 106.71	111.01 107.16	112.36 107.73	113.38 108.45	114.93 109.28	Imports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	115.10 127.62 90.19 90.19	129.78 143.82 90.16 90.24	117.85 132.33 89.03 89.06	120.53 136.33 88.38 88.41	126.47 141.34 89.46 89.48		92.06	145.39 155.38 93.54 93.57
investment: Current dollars Chain-type quantity index Implicit price index Implicit price deflator	123.22 124.52 98.96 98.95	98.79	128.26 98.85	128.30 129.41 98.87 99.14	127.58 128.74 98.78 99.10	131.57 132.90 98.70 99.00	136.11 98.80	139.37 99.00	Imports of services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	119.86 123.21 97.29 97.29	131.19 131.74 99.58 99.58	123.03 125.24 98.26 98.24	125.48 128.81 97.43 97.41			100.91	138.63 136.56 101.53 101.51
Fixed investment: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	120.40 121.37 99.20 99.20	131.15 99.22	124.43 125.55 99.11 99.11	127.26 128.30 99.19 99.19	129.28 130.37 99.17 99.17	131.46 132.54 99.19 99.19	133.40 99.32	139.56 99.58	Government consumption expenditures and gross Investment: Current dollars	107.58 104.00	107.89	105.11	106.43	106.78		110.39	
Nonresidential: Current dollarsChain-type quantity index Chain-type price index Implicit price deflator	121.33 124.80 97.22 97.22	129.72 135.17 95.97 95.97	124.67 129.06 96.60 96.60	126.74 131.49 96.38 96.39	128.46 133.74 96.04 96.05	131.37 137.23 95.72 95.73	95.71	95.74	Chain-type price index	103.44 103.44 101.33 98.94	106.24 106.25 107.34 101.73	104.03 104.02 102.84 100.05	105.01	105.77 105.64	106.64 106.64 107.20 101.49	107.54 111.67	109.07 109.07 109.10 100.80
Structures: Current dollars	121.25	121.50	123.56	122.12	121.12	120.94	121.82	128.93	Chain-type price index Implicit price deflator	102.42 102.42	105.51 105.52	102.79 102.79	104.93	105.16	105.63		108.24
Chain-type quantity index	112.93 107.37 107.37	110.25 110.21 110.20	113.64 108.73 108.73	111.96 109.07 109.07	110.44 109.67 109.67	110.58	111.52	114.49 112.62 112.62	National defense: Current dollarsChain-type quantity index Chain-type price index	97.65 95.71 102.03	102.11 97.43 104.80	98.85 96.61 102.32	99.66 95.64 104.21	99.25 95.01 104.47	97.56 104.93		95.29 107.23
Equipment and software: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	121.36 129.09 94.01 94.01		125.05 134.70 92.81 92.83	128.28 138.74 92.44 92.46	130.90 142.47 91.86 91.88	134.85 147.77 91.24 91.25	149.22 90.99	158.30	Implicit price deflator Nondefense: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	102.03 108.87 105.51 103.18 103.18	104.80 118.05 110.47 106.86 106.86	110.99 107.06 103.69	115.48 108.67 106.28	118.72 111.52 106.47	117.10 109.49 106.95	105.58 120.90 112.20 107.76 107.75	123.24 111.93 110.11
Residential: Current dollars	117.71 111.78 105.30 105.30	131.30 120.06 109.40	123.71 115.74 106.93	128.76 119.30 107.97 107.93	131.66 120.91 108.93	131.73	133.03 120.27 110.65	136.02 121.82 111.70	State and local: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	111.31 107.00 104.03 104.03	118.99 111.54 106.67 106.68	113.22 108.11 104.73		117.29 110.51 106.14	119.88 111.81 107.23	122.91 113.56 108.24	126.55 115.51 109.56

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]

Chain-type quantity index		· ·	1	[oocopall	v adjuste		
IV		1000	1000	1000				J U	2000
Carent dollars		1990	1999		<u> </u>			- N/	
Current dollars		<u> </u>		IV.		"	111	10	<u> </u>
Description Product Current dollars 111.63 118.35 114.04 115.91 117.29 118.94 121.27 124.16 Chain-type quantity index 108.19 103.18 104.67 103.59 104.12 104.48 104.78 105.29 106.01 109.18 109.18 104.67 103.59 104.12 104.48 104.78 105.29 106.01 109.18 109	Current dollars Chain-type quantity index Chain-type price index	108.74 103.11	113.25 104.55	110.58 103.51	111.58 104.03	112.10 104.37	113.65 104.65	115.67 105.16	117.20
Current dollars 112.75 120.35 115.27 117.36 118.85 121.18 123.99 126.91 120.11 120.77 120.77 120.77 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.77 120.78 120.78 120.77 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.78 120.79 1	product: Current dollars Chain-type quantity index Chain-type price index	108.19 103.18	113.07 104.67	110.09 103.59	111.33 104.12	112.26 104.48	113.51 104.78	115.18 105.29	117.13 106.01
Durchasers: Current dollars	Current dollars Chain-type quantity index Chain-type price index	110.16 102.35	115.81 103.86	112.17 102.72	113.75 103.13	114.65 103.62	116.40 104.06	118.43 104.65	120.27 105.47
Final sales of computers ¹: Current dollars	purchasers: Current dollars Chain-type quantity index Chain-type price index	109.62 102.42	115.64 103.97	111.69 102.79	113.52 103.22	114.82 103.72	116.27 104.18	117.96 104.78	126.96 120.22 105.61 105.61
Current dollars	Addenda: Final sales of computers ¹: Current dollars	223.72 52.63	322.43 38.33	262.98 44.74	281.68 41.13	308.67 39.39	343.43 37.36	355.94 35.44	
computers: Current dollars 112.61 120.13 115.11 117.20 118.62 120.92 123.77 126.63 118.32 Chain-type quantity index Chain-type price index 103.20 105.16 103.77 104.29 104.87 105.41 106.08 106.98 Implicit price deflator 103.20 105.22 103.82 104.34 104.34 104.93 105.46 106.13 107.02 Chain-type price indexes for gross domestic purchases: 103.71 105.73 104.55 105.11 105.37 105.92 106.51 107.13 Energy goods and services Gross domestic purchases 92.35 95.82 89.82 89.11 94.67 98.32 101.20 109.55	Current dollars	107.91 103.85	111.99 105.67	109.55 104.44	110.47 105.05	110.88 105.45	112.31 105.80	114.28 106.38	115.62 107.15
Food	computers: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Chain-type price indexes for	109.12 103.20	114.17 105.16	110.88 103.77	112.33 104.29	113.05 104.87	114.66 105.41	116.63 106.08	118.32 106.98
	Food Energy goods and services	103.71 92.35							107.13 109.55
		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	111.73 108.38 103.09 103.09		103.50	111.16 104.01	111.68 104.36		114.99 105.14	116.44 105.84
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]

	ĮII AUOA	number	0, 1000	100]				
				S	easonally	y adjuste	ed	
	1998	1999	1998		19	99		2000
			ΙV	- 1	II.	118	IV	ı
			Chair	-type qu	antity in	dexes		
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 Furniture and household	113.87	124.15	119.94	121.09	123.77	124.68	127.07	135.07
equipment Other	125.55 115.78	144.34 127.60	131.96 118.84	137.90 123.99	141.65 125.44	146.06 127.87	151.74 133.11	158.36 139.01
Nondurable goods	107.07	112.84	108.80	111.15	112.05	113.04	115.12	116.69
Food Clothing and shoes Gasoline, fuel oil, and other	104.40 113.00	108.38 122.91	106.29 114.33	106.82 121.72	107.46 122.52	108.15 124.38	111.09 123.02	111.73 128.72
energy goods	101.70 102.83 92.82 110.47	103.30 103.32 102.97 118.57	101.57 102.87 91.44 112.72	102.28 102.34 101.69 116.12	102.98 102.67 105.38 117.65	103.43 103.25 104.76 118.90		101.73 102.12 98.15 124.25
Services	107.26	111.59	108.50	109.61	111.01	112.36	113.38	114.93
Housing	104.28 108.53 100.69 113.87 109.34 104.91 109.27 111.23	106.92 113.33 102.72 120.48 112.51 107.67 119.34 117.72	105.10 108.88 97.61 116.46 110.23 105.86 111.36	101.84 118.16	106.54 113.09 102.72 120.10 112.00 107.06 117.77 117.04	107.25 114.85 105.17 121.39 113.16 108.16 121.63 118.60	107.97 113.79 101.16 122.28 113.88 109.16 123.67 120.61	108.64 115.51 103.25 123.76 114.63 110.10 127.28 123.36
Addenda: Energy goods and services ¹	101.23		99.57		102.88			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
			LCha	in-type p	rice inde	exes		
Personal consumption								
expenditures	102.93	104.57	103.37	103.74	104.32	104.79		106.25
Durable goods	95.45	93.00	94.34	93.67	93.22	92.75	92.35	91.90
Motor vehicles and parts Furniture and household equipment	99.10 90.35	99.31 84.96	99.03 88.01	98.86 86.84	98.93 85.56	99.54 84.33	99.93 83.10	99.47 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 Clothing and shoes Gasoline, fuel oil, and other	104.01 98.00	106.14 96.38	104.83 97.83	105.47 95.89	105.79 96.82	106.35 95.79	106.95 97.02	107.60 95.86
energy goods	88.80 88.46 91.65 102.85	96.00 96.41 92.95 106.89	85.19 84.82 88.34 104.07	84.06 83.79 86.26 106.17	94.71 95.44 89.13 106.52		105.14 105.55 102.19 107.55	
Services	105.31	107.51	106.12	106.72	107.16	107.73	108.45	109.28
Housing Household operation Electricity and gas Other household operation Transportation Medical care Recreation Other	106.24 100.74 98.83 101.90 104.71 104.67 105.87 107.05	109.26 100.72 98.46 102.12 105.81 107.35 107.96 109.25	107.68 100.55 97.78 102.24 104.91 105.61 106.28 107.80	108.22 100.61 97.85 102.30 105.27 106.58 106.74 108.41	109.02 100.42 97.87 101.99 105.88 107.00 107.12 108.77	109.56 100.67 98.82 101.82 105.84 107.64 108.49 109.40	110.25 101.20 99.29 102.39 106.25 108.18 109.47 110.39	111.17 101.36 99.69 102.41 107.28 109.05 110.72 111.24
Addenda: Energy goods and services ¹ Personal consumption	93.57	97.14	91.19	90.63	96.19	99.43	102.30	110.20
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]

				Se	easonally	adjuste	d	
	1998	1999	1998		19	99		2000
			IV	ı	11	III	IV	ı
			Chain	type qu	antity inc	dexes		
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
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 Software ²	217.67 135.81	311.58 156.96	251.60 144.82	272.99 148.87	300.52 154.54	329.49 159.80	343.32 164.63	375.34 172.01
Other	121.33	140.07	124.40	130.09		144.05	147.25	161.00
Industrial equipment	108.56	109.19	109.09	106.30		109.95	113.08	117.26
Transportation equipment Other	126.19 118.33	140.88 118.56	133.75 117.17	137.34 122.50	137.90 119.19	146.87 116.34	141.39 116.21	149.77 121.23
Residential	111.78	120.06	115.74	119.30		119.75	120.27	121.82
Structures	111.84	120.08	115.84	119.38	!	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 Equipment	110.80 1 09.4 1	118.24 119.04	113.93 111.47	115.49 115.80	119.77 118.66	120.05 1 20.45	117.63 121.27	113.43 124.59
Equipment	109.41	113.04	111.47	113.00	110.00	120.45	121.21	124.55
			Cha	in-type p	rice inde	exes		
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	98.50 101.37	97.51	98.10 101.73	97.94	97.71	97.43	96.96 102.34	96.82
Industrial equipment Transportation equipment	100.38	102.04	100.65	101.94			102.34	
Other	102.42	103.59	103.25	103.66	103.80	103.55	103.38	
Residential	105.30	109.40	106.93	107.97	108.93	110.04	110.65	111.70
Structures	105.45	109.68	107.12			110.34	110.96	
Single family Multifamily	105.06 112.40	109.71 120.59	106.79 117.59	108.19 118.92	109.15 119.98	110.44 121.40	111.05 122.07	112.11 123.23
Other structures	104.80				107.48	108.39	109.02	
Equipment	99.54	98.10	99.28	98.60	97.87	97.96	97.96	97.78
	· · · · · · · · · · · · · · · · · · ·	L						

Table 7.9.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services and for Receipts and Payments of In-

[Index numbers, 1996=100]

				Se	easonally	adjuste	d	
	1998	1999	1998		19	99		2000
			I۷	L	II	III	IV	1
			Chain	-type qu	antity ind	dexes		
Exports of goods and services Goods Durable Nondurable Services Income receipts Imports of goods and services Goods Durable Durable	114.92 116.89 121.78 106.40 110.24 113.69 126.89 127.62 131.30	121.59 127.47 108.91 113.75 118.85 141.77 143.82	120.35 125.52 109.25 111.43 111.58	117.46 122.89 105.78 112.56 112.41 135.07 136.33	118.71 123.99 107.39 113.44 116.72 139.69 141.34	109.25 113.46 120.75 144.63 147.08	115.55 125.50 147.68 150.53	124.99 128.84 136.54 112.26 116.19 130.52 152.16 155.38 165.51
Nondurable Services ¹	120.56 123.21	130.35 131.74			129.07 131.58		133.35 133.85	136.24 136.56
Income payments	126.13	135.92	127.10 Cha	126.82 in-type p			149.48	157.58
Exports of goods and services Goods 1 Durable Nondurable Services 1	96.19 94.25 94.88 92.71 101.10	92.95 93.69 91.16 102.87	90.72 101.26	95.33 92.83 93.91 90.16 101.65	95.49 92.69 93.68 90.26 102.60	92.85 93.42 91.47 103.28	93.74 92.74 103.95	96.92 93.83 93.77 94.07 104.74
Income receipts	102.20	103.56	102.49	102.80	103.31	103.77	104.37	105.21
Imports of goods and services Goods ¹ Durable Nondurable Services ¹ Income payments	91.31 90.19 90.85 88.74 97.29 102.88	91.64 90.16 89.06 92.69 99.58 104.19	89.03 89.86 87.24 98.26	88.38 89.76 85.40 97.43	90.96 89.46 89.09 90.29 99.03 103.88	90.75 88.73 95.29	92.06 88.65 99.79 100.91	94.82 93.54 88.84 104.26 101.53 105.94

^{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.

Includes new computers and peripheral equipment only.
 Excludes software "embedded," or bundled, in computers and other equipment.

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]

	,						Linc	ex numbe	ers, 1996=100j								
		}		s	easonall	y adjuste	ed						S	easonali	y adjuste	ed	
	1998	1999	1998		19	99		2000		1998	1999	1998		19	99		2000
			IV	I	II	III	IV	1		<u> </u>		IV		il	III	IV	<u> </u>
			Chair	n-type qu	antity in	dexes				_		Cha	in-type p	orice inde	exes		
Exports of goods and services	114.92	119.24	117.68	116.03	117.17	120.42	123.34	124.99	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	1	121.59	ı	ı	i	123.43	1	ł .	Exports of goods 1	94.25	1	93.15	92.83	92.69	92.85	l	93.83
Foods, feeds, and beverages	99.28	102.16	104.05	95.32	100.96	106.40	105.96	107.02	Foods, feeds, and beverages	84.15	80.32	82.24	81.65	80.77	79.75	79.09	79.25
Industrial supplies and materials	107.43	108.47	108.00	104.28	106.44	108.23	114.94	115.02	Industrial supplies and materials	94.22	92.75	91.71	90.83	91.24	93.44	95.48	97.45
Durable goods Nondurable goods			110.58 106.52				120.95 111.47		Durable goods Nondurable goods	95.02 93.75		93.34 90.75	92.48 89.85	92.12 90.75	92.38 94.13		
Capital goods, except	1		ŀ	ļ	ł		ĺ		Capital goods, except							l	1
automotive Civilian aircraft, engines,	128.12	134.93	133.15	130.16	129.67	139.03	140.84	143.32	automotive Civilian aircraft, engines,	92.50	91.07	91.69	91.50	91.20	90.67	90.90	90.66
and parts	165.96	161.93	196.09	172.66	148.09	163.46	163.54	134.88	and parts	104.79	107.06	105.40	106.49	106.87	107.05	107.84	108.89
Computers, peripherals, and parts			144.32					174.66	Computers, peripherals, and parts	75.58		72.08	70.39	69.12	67.48	67.21	66.35
OtherAutomotive vehicles, engines,	119.03	125.83	118.78	119.41	121.66 	129.76	132.48 	139.35	Other	94.64	93.92	94.23	94.14	93.98	93.65	93.91	93.61
and parts	111.45	113.30	113.67	108.47	113.83	115.03	115.87	121.56	and parts	100.96	101.55	101.11	101.31	101.39	101.57	101.93	102.29
Consumer goods, except automotive	112.30	114.78	112.43	113.21	112.57	114.58	118.74	124.01	Consumer goods, except automotive		100.43	100.53					100.90
Durable goods Nondurable goods			112.41 112.46					129.65	Durable goods Nondurable goods		100.11	100.39 100.69	99.95 100.73		100.21 100.57		100.60 101.21
Other	122.15		134.10						Other	96.68	95.50	95.63	95.55	95.02	95.22		
Exports of services 1	110.24	113.75	111.43	112.56	113.44	113.46	115.55	116.19	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	117.26	110 78	110.28	113 27	109.96	112 25	106 53	97.59	Transfers under U.S. military agency sales contracts	95.37	100.34	93.74	100.12	99.70	100.03	101 /0	99.45
Travel	99.46	101.77	99.62	101.32	101.21	100.54	104.01	105.07	Travel	102.71	103.82	103.26	102.66	104.11	104.15	104.36	104.84
Passenger faresOther transportation		100.43 107.57			101.54 106.11		102.62 111.72	104.54 110.25	Passenger fares Other transportation	95.46 96.83		98.82 96.07	101.18 93.96		103.62 99.63	105.58 100.68	104.50
Royalties and license fees	110.75	111.29	118.76	111.73	111.88	110.82	110.72	109.83	Royalties and license fees	102.35	103.71	102.63	102.95	103.46	103.92	104.52	105.36
Other private services Other		134.01 109.39	127.16 107.83		133.49 109.63				Other private services Other	100.84 110.60		100.96 108.90	101.41	110.11	102.09 112.04		
Imports of goods and		l					l		Imports of goods and								
services	126.89 127.62					144.63 147.08		152.16	services	91.31	91.64	90.48	89.81	90.96	92.35	93.46	l .
Foods, feeds, and beverages		129.22	119.84		141.34 128.95	132.26			Imports of goods 1 Foods, feeds, and beverages	90.19 97.73	90.16 94.53	89.03 97.12	88.38 95.37	89.46 95.05	90.75 93.59	92.06 94.12	l
Industrial supplies and materials, except petroleum		120.22	110.04	122.40	120.00	102.20	100.22	101.07	Industrial supplies and materials, except petroleum	07.70	54.50	07.12	00.07	00.00	55.55	04.72	04.20
and products Durable goods	119.98 123.87		120.69	120.73	123.45 127.82	127.01	131.57 135.02	133.59 138.49	and products	94.96 97.00		92.83	92.62 95.19	93.07 96.35	95.33 98.56	96.78 98.63	
Nondurable goods	115.85	122.14	114.99	116.46	118.80	125.34	127.97	128.43	Nondurable goods	92.88	91.60	94.37 91.31	89.96	89.63	91.95	94.86	95.60
Petroleum and products Capital goods, except	111.97	111.73	108.87	110.75	117.22	113.66	105.31	113.06	Petroleum and products Capital goods, except	62.50	83.43	57.85	52.60	74.68	94.71	111.75	132.16
automotive	143.96	166.05	148.92	152.37	162.45	171.02	178.39	184.36	automotive	82.10	78.43	80.71	80.29	78.73	77.47	77.22	76.91
Civilian aircraft, engines, and parts	163.09	171.46	179.71	163.05	166.00	183.16	173.64	167.94	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	164 66	212 21	179.65			222.47	226.46	228.01	Computers, peripherals, and parts	71.55	62.12	67.47	65.78	62.63	60.20		59.44
Other	134.30	149.16	134.69	137.60	144.91	152.05	162.09	170.48) Other	84.81			84.69		83.22		
Automotive vehicles, engines, and parts Consumer goods, except	115.21	138.26	124.62	132.17	134.47	142.79	143.63	150.80	Automotive vehicles, engines, and parts	100.34	101.02	100.34	100.71	100.97	101.14	101.26	101.44
automotive			132.07	136.97	139.94	146.22	152.90	158.13	automotive	97.47	96.79	97.26	97.24	96.68	96.57	96.64	96.35
Durable goods Nondurable goods	129.55 128.79		133.96 130.13	135.34 138.71	142.91 136.86	149.96 142.34		162.82 153.29	Durable goods	95.23 99.92	94.08 99.76	94.74 100.03	94.65 100.08	94.03 99.58	93.84 99.57	93.79 99.78	93.45 99.54
Other	132.40		149.25		158.20			162.53	Other	99.93	99.26	100.67	99.42	98.99	99.19		99.47
Imports of services 1	123.21		125.24		131.58	132.74		136.56	Imports of services 1	97.29	99.58	98.26	97.43	99.03	100.95		101.53
Direct defense expenditures Travel	130.92 122.14	147.26 131.70	131.12 121.19	139.93	146.68 131.42	154.12 130.56	148.33 134.82	153.80 138.85	Direct defense expenditures Travel	88.93 95.60	90.60 95.97	94.25 97.08	90.83 95.09	89.04 94.99	90.81 97.09	91.70 96.70	88.44 96.29
Passenger fares	116.70	123.49	120.37	119.81	122.05	122.83	129.26	131.03	Passenger fares	107.24	110.05	107.67	107.93	110.15	112.33	109.79	113.19
Other transportation Royalties and license fees		153.18	145.36	157.46	159.94	145.68	149.63	149.45	Other transportation Royalties and license fees	96.04 102.33	107.29 103.70	97.28 102.62	96.73 102.93	105.21 103.45	103.90	104.50	
Other private services Other	129.29	141.09	134.19 111.88	134.16	141.03	145.81	143.35	145.62	Other private services Other	97.09 100.40	96.63	96.33	96.82	97.45 101.67	96.31	95.95	97.84
Addenda:	100.00	1.10.20		110.00	110.00	117.07	117.07	117.00	Addenda:	100.40	102.03	101.73	100.01	101.07	102.00	102.00	100.00
Exports of agricultural	104.07	100.07	107.00	05 70	404.00	100 00	105.07	110.00	Exports of agricultural	ا ا	70 -0	04.00	00.40	70.04	77 - .	77.00	77.40
goods 2 Exports of nonagricultural	i i		107.80	i	101.92	ĺ	105.97	110.69	goods 2 Exports of nonagricultural	84.79	78.58	81.98	80.42	78.24	77.72	77.92	77.40
goods	118.50	123.55	121.73	119.71	120.50	125.08	128.90	130.78	goods	95.19	94.34	94.24	94.04	94.09	94.31	94.94	95.42
Imports of nonpetroleum goods	129.07	146.59	134.28	138.42	143.34	149.93	154.68	159.09	Imports of nonpetroleum goods	92.63	91.02	91.79	91.50	90.90	90.74	90.94	91.12
	لـــــا								<u> </u>	لتــــا							

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]

								CA HUITIDE	5, 1990-100	·							
				Se	easonally	adjuste	ed						S	easonally	adjuste	d ———	
	1998	1999	1998		19			2000		1998	1999	1998		19			2000
			IV	1	11		IV	<u> </u>				IV	ŀ	II	III .	IV	<u> </u>
			Chain	-type qu	antity inc	dexes	ı					Cha	in-type p	rice inde	exes		
Government consumption expenditures and gross investment ¹	104.00	107.89	105.11	106.43	106.78	107.97	110.39	110.05	Government consumption expenditures and gross investment ¹	103.44	106.24	104.03	105.01	105.77	106.64	107.55	109.07
Federal	98.94	101.73	100.05	99.94	100.46	101.49	105.02	100.80	Federal	102.42	105.51	102.79	104.93	105.16	105.63	106.34	108.24
National defense Consumption expenditures Durable goods ² Nondurable goods Services Compensation of general government employees, except own-account	95.71 96.37 100.91 105.22 95.81		96.61 97.08 103.03 105.74 96.42	95.64 95.74 98.12 100.24 95.43		135.75	100.83 105.98 112.68	105.14	National defense	102.03 102.91 99.18 86.89 103.66	105.92 98.73 91.02	102.32 103.37 99.22 85.18 104.23	105.20 98.93 82.52	104.47 105.58 98.67 87.76 106.64		98.83 99.86	107.23 108.78 98.76 106.27 109.55
investment ³ Consumption of	93.39	90.90	92.14	91.26	90.90	91.09	90.37	90.11	investment 3 Consumption of	105.37	109.95	105.95	109.71	109.86	109.98	110.25	114.50
general government fixed capital ⁴ Other services Gross investment Structures Equipment and software	98.66 97.75 92.11 76.17 94.46	103.10 100.20	98.53 102.14 94.12 71.10 97.58	98.49 100.23 95.33 74.25 98.47	98.55 93.28 99.91 72.51 104.04	100.69 99.70 69.89	105.85 70.81		general government fixed capital 4 Other services Gross investment Structures Equipment and software	99.17 104.45 96.83 105.89 95.68	107.03 98.28 109.66		108.05	106.55 98.02 109.26	107.40 97.94	108.29 98.80	101.07 108.58 98.44 111.76 96.86
NondefenseConsumption expenditures	1 05.51 102.97		1 07.06 104.25	108.67 105.38	111.52 106.31	1 09.49 104.74		111.93 107.65	NondefenseConsumption expenditures	103.18 104.38		103.69 105.09		106.47 108.22	1 06.95 108.84	107.76 109.54	110.11 112.38
Durable goods 2 Nondurable goods Commodity Credit Corporation			************	••••••					Durable goods 2 Nondurable goods Commodity Credit Corporation			••••••					
inventory change Other nondurables Services Compensation of general government employees, except own-account	102.36	103.15	102.56	129.38 102.91	103.84	102.14		104.68	inventory change Other nondurables Services Compensation of general government employees, except own-account	104.73	102.50 109.26	105.44	108.59	108.89		110.10	113.08
investment 3 Consumption of general government fixed capital 4	118.15	128.91	122.07	124.79	127.46	130.29		135.99	investment 3 Consumption of general government fixed capital 4	98.20		98.02	99.11	98.92	98.99	100.17	100.90
Other services Gross investment Structures Equipment and software	99.06 117.50 94.86 130.18	133.34 93.28		124.27 97.52	89.07	132.22 93.48	140.37 93.05	132.30 86.39	Other services Gross investmentStructures Equipment and software	104.36 97.97 106.48 94.30	99.49	104.50 97.68 107.54 93.47		99.13	99.10	100.27	100.87
State and local Consumption expenditures Durable goods ² Nondurable goods Services Compensation of general government employees, except	106.52 116.86 114.37	125.34 121.83	107.73 119.84 117.07	110.27 108.64 122.01 118.95 107.16	109.59 124.20 120.85	110.64 126.43 122.78	128.71 124.74	112.51 131.02	State and local Consumption expenditures Durable goods ² Nondurable goods Services Compensation of general government employees, except	104.03 104.35 99.18 94.44 105.77		104.73 105.05 99.06 92.72 106.82	105.46 98.94 92.31	106.57 98.78 96.39	100.43	102.09	108.42
own-account investment ³ Consumption of general government fixed	102.82	104.82	103.38	103.92	104.48	105.21	105.68	106.10	own-account investment 3 Consumption of general government fixed	106.28	109.40	107.49	108.21	108.89	109.80	110.72	111.60
Capital 4	1 109.14	117.95	109.80	117.60	114.64	l 117.02	l 122.52	119.72 185.67 129.15 122.65 149.72	Capital 4	101.39 107.98 102.64 106.09 93.19		103.36 107.54	103.49 108.02	104.28 109.33	104.75 110.21	105.60 111.35	106.14 112.24
Addenda: Compensation of general government employees 3 Federal State and local	100.94 96.00 102.84	94.70	95.85		94.70	94.43	94.32		Addenda: Compensation of general government employees 3 Federal State and local	105.84	109.94 111.44 109.40	106.68	110.97	111.23	111.64	111.94	116.36

Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.
 Consumption expenditures for durable gods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.
 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]

				S	easonall	y adjuste	d	
	1998	1999	1998		19	99		2000
			IV	ı	11	III	IV	1
			Chair	ı-type qu	antity in	dexes		
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 Nonfarm less housing Housing Farm	109.86 110.65 102.71 109.23	114.99 116.01 105.93 107.95	112.91 103.52	114.05 104.67	114.57 105.34	116.49 106.43	118.93 107.28	119.48 120.73 108.42 109.39
$\label{thm:constraints} \mbox{Households and institutions} \ \dots$	105.87	107.96	106.51	107.07	107.52	108.22	109.05	109.71
Private households Nonprofit institutions	110.60 105.70	121.93 107.46	118.59 106.08				122.61 108.56	122.39 109.25
General government ³	101.78	103.35	102.30	102.71	103.03	103.59	104.06	104.67
FederalState and local	97.89 103.61	97.54 106.08	97.98 104.33		97.44 105.66	97.43 106.49	97.54 107.13	98.12 107.75
			Cha	in-type p	rice inde	exes		
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 Nonfarm less housing Housing Farm	103.11 102.80 106.09 79.60	104.21 103.67 109.41 78.10	103.30 102.81 107.92 86.53		104.08 103.55 109.16 77.91	104.29 103.74 109.59 76.97	104.79 104.22 110.34 73.64	105.43 104.82 111.29 71.86
Households and institutions	104.49	108.50	105.98	107.10	108.03	108.97	109.90	110.52
Private households Nonprofit institutions	105.45 104.46	108.55 108.50	106.64 105.95	107.31 107.10	108.25 108.02	108.80 108.98	109.84 109.90	111.29 110.50
General government ³	105.14	108.51	106.09	107.57	108.10	108.81	109.54	111.08
FederalState and local	103.87 105.72	108.22 108.65	104.45 106.84	107.81 107.49	107.98 108.17	108.37 109.02	108.73 109.92	111.90 110.75

Equals gross domestic product less gross product of households and institutions and of general government.
 Equals gross domestic business product less gross farm product.
 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
	.026	.026	.026	.026	.026	.027	.027	.027
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production) Profits at liability	.122	.120	.118	.122	.121	.118	. 121	.125
	.032	.033	.031	.032	.034	.034	.034	.036
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]

		S	easonall	y adjuste	ed .	
	1998		19	199	-	2000
	ΙV	1	11	III	IV	ī
Private inventories I	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 96.90 95.96	96.01 95.89 96.15	96.37	98.29 96.97 99.95	97.34	97.53
Manufacturing	94.42 94.62 94.08	94.10	94.71		97.29 96.12 99.23	
Wholesale	96.17 97.48 93.97	95.27 95.74 94.53	95.70 95.89 95.44	96.94 96.13 98.42	97.58 96.54 99.48	98.57 96.72 101.91
Merchant wholesalers Durable goods Nondurable goods Nonmerchant wholesalers Durable goods Nondurable goods	96.40 97.48 94.55 94.67 97.45 90.50	95.79 94.70 94.59 95.38	95.62 95.95 95.08 96.24 95.49 97.57	96.20 97.62		101.91 96.15
Retail trade Durable goods Motor vehicle dealers Other Nondurable goods	100.35 99.63 98.73 100.61 101.22	100.03 98.66 97.48 99.94 101.68		99.92	101.84 100.00 99.49 100.58 104.07	99.79
Other Durable goods Nondurable goods	94.14 100.62 93.66	94.60 101.40 94.09	97.21 103.45 96.74	100.06 102.41 99.87	100.06 102.84 99.83	

^{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]

8.19 2.85 1.43	113.07 118.90	110.09 115.79 114.54	111.33 116.63 116.04	112.26 116.77	113.65 113.51 119.45	IV 115.67 115.18 122.74 121.49	117.13 124.97
8.19 2.85 1.43	113.07 118.90 118.51	110.58 110.09 115.79 114.54	111.33 116.63 116.04	112.10 112.26 116.77	113.65 113.51 119.45	115.67 115.18 122.74	117.20 117.13 124.97
8.19 2.85 1.43	113.07 118.90 118.51	110.09 115.79 114.54	111.33 116.63 116.04	112.26 116.77	113.51 	115.18 122.74	117.13 124.97
2. 85 1.43	118.90 118.51	115.79 114.54	116.63 116.04	116.77	119.45	122.74	124.97
1.43	118.51	114.54	116.04				
				117.33	119.17	121.49	124.91

9.01	128.79	123.65	125.29	127.15	130.21	134.52 132.51	138.93
5.24	110.21	107.15	108.55	109.38	110.29	112.61	113.77
5.69	109.26	106.79	107.61	108.60	109.77	111.07	111.82
0.14	114.23	112.03	114.79	113.99	113.42	114.72	118.30
4.56							
	5.24 5.69 0.14 4.56	5.24 110.21 5.69 109.26 0.14 114.23 4.56 125.25	5.24 110.21 107.15 5.69 109.26 106.79 0.14 114.23 112.03 4.56 125.25 126.49	5.24 110.21 107.15 108.55 5.69 109.26 106.79 107.61 0.14 114.23 112.03 114.79 4.56 125.25 126.49 119.36	5.24 110.21 107.15 108.55 109.38 5.69 109.26 106.79 107.61 108.60 0.14 114.23 112.03 114.79 113.99 4.56 125.25 126.49 119.36 121.80	5.24 110.21 107.15 108.55 109.38 110.29 5.69 109.26 106.79 107.61 108.60 109.77 0.14 114.23 112.03 114.79 113.99 113.42 4.56 125.25 126.49 119.36 121.80 129.10	8.73 110.72 108.39 109.48 109.38 110.78 113.22 5.24 110.21 107.15 108.55 109.38 110.29 112.61 5.69 109.26 106.79 107.61 108.60 109.77 111.07 0.14 114.23 112.03 114.79 113.99 113.42 114.72 4.56 125.25 126.49 119.36 121.80 129.10 130.73 8.53 112.82 110.01 111.30 111.75 113.11 115.14

Table 7.18B.—Chain-Type Quantity Indexes for Motor Vehicle Output [Index numbers, 1996-100]

				Se	easonally	adjuste	d	
	1998	1999	1998		19	99		2000
			IV	1	11	III.	IV	ı
Motor vehicle output Auto output Truck output ¹	114.56 104.87 122.70	125.25 102.97 143.69	126.49 116.65 134.74	119.36 99.19 136.08	121.80 101.00 139.04	129.10 102.88 150.78	130.73 108.82 148.87	128.06 105.36 146.85
Final sales of domestic product	112.55	119.74	118.63	115.28	119.13	122.37	122.18	126.95
Personal consumption expenditures New motor vehicles Autos Light trucks Net purchases of used autos	114.53 115.33 111.43 119.94 112.04	124.74 126.28 124.75 128.13 119.97	121.22 120.75 116.09 126.27	121.64 121.16 117.93 125.00 122.93	124.66 125.72 124.82 126.82 121.26	125.41 126.72 123.82 130.16 121.26	127.25 131.53 132.45 130.55	136.23 142.67 138.43 147.66 117.08
Private fixed investment New motor vehicles Autos Trucks Light trucks Other Net purchases of used autos	115.07 114.37 102.10 126.11 126.47 125.29 111.81	132.74 129.72 106.35 152.03 154.88 146.64 118.64	124.22 121.64 105.49 137.11 136.20 138.57	126.04 123.88 102.09 144.69 145.83 142.43 115.90	129.17 127.75 107.97 146.67 148.90 142.44 122.60	140.75 137.06 111.31 161.64 168.43 149.17	134.98 130.18 104.04 155.11 156.37 152.53 112.58	138.69 134.61 110.01 158.10 165.89 143.95
Gross government investment Autos New trucks	109.63 95.01 117.67	117.93 107.15 123.73	11 8.22 103.89 126.04	107.78 95.31 114.58	99.74 92.29 103.70	120.88 108.30 127.71	143.29 132.69 148.92	119.85 88.21 137.68
Net exports Exports Autos Trucks Imports Autos Trucks	100.44 94.32 111.90 116.94 118.90 107.48	96.30 94.43 99.87 143.75 143.37 145.51	99.04 99.75 97.92 127.05 129.71 114.27	92.12 90.26 95.69 138.59 139.67 133.39		93.62 89.63 101.02 147.87 148.38 145.45	98.68 95.22 105.12 149.18 149.32 148.51	99.98 96.37 106.69 157.84 160.02
Change in private inventories								
Autos New Domestic Foreign Used New trucks								
Domestic				************				•••••
Addenda: Final sales of motor vehicles to domestic purchasers Private fixed investment in new autos and new light trucks	114.56	127.44			125.48	130.86		136.62
Domestic output of new autos ²	98.16 129.63	100.87	106.06 139.71	98.93 136.53	99.28	103.95	101.31	106.20

Except for exports and imports, consists of new trucks only.
 Consists of final sales and change in private inventories of new autos assembled in the United States.
 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

			Sea	sonally	adjuste	ed at an	nual ra	ates				Sea	sonally	adjuste	ed at ar	nnual ra	utes
	1998	1999	1998		19	99		2000		1998	1999	1998		19	99		2000
			١٧	ı	П	Ш	١٧	-				ΙV	1	II	III	IV	T
Gross domestic product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Personal consumption expenditures:	5.5 4.3 1.2 1.2	4.2 1.4	7.0 5.9 .8 1.0	5.7 3.7 2.0 2.0	3.3 1.9 1.3 1.4	6.8 5.7 1.1 1.1	9.4 7.3 2.0 1.9	8.2 5.4 2.7 2.7	Chain-type price index Implicit price deflator Imports of services: Current dollars Chain-type quantity index	-5.9 -5.9 8.4 10.8	9.5 6.9	1.6	8.2 11.9	16.2 8.9	5.9 5.9 11.8 3.6	5.9 5.9 3.3 3.4	11.0 8.3
Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Durable goods:	5.9 4.9 .9 .9	7.0 5.3 1.6 1.6	4.6 1.1	6.5 1.5	7.4 5.1 2.2 2.2	6.8 4.9 1.8 1.8	8.5 5.9 2.5 2.5	10.9 7.5 3.1 3.1	Chain-type price index	-2.2 -2.2 3.3	2.4 6.6	4.4 4.2		4.3	8.0 7.9 8.0	13.0	4.5
Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	8.6 11.3 -2.4 -2.4	11.5 -2.6	15.7 20.4 -3.9 -3.9	-2.8	9.1 -1.9	5.6 7.7 –2.0 –2.0	11.1 13.0 -1.7 -1.7	20.0 22.4 -1.9 -1.9	Chain-type quantity index Chain-type price index Implicit price deflator Federal: Current dollars	1.7 1.5 1.5	2.7	1.3 1.3	3.8 3.8	1.3 2.9 2.9 3.0	4.5 3.3 3.3 6.0	9.3 3.4 3.4 17.8	-1.2 5.8 5.8 -8.9
Nondurable goods: Current dollars	4.1 4.0 0 .1	7.9 5.4 2.3 2.3	6.3 5.0 1.3 1.3	8.9	8.5 3.3 5.1 5.1	6.5 3.6 2.8 2.8	11.7 7.6 3.8 3.8	11.2 5.6 5.4 5.4	Chain-type quantity index	.2 9 1.1 1.1	3.0 3.0	1.4 1.3	8.6 8.6	2.1 .9 .9	4.1 1.8 1.8	14.7 2.7 2.7	-15.1 7.3 7.3
Services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	6.2 4.1 2.1 2.1	6.2 4.0 2.1 2.1	3.7 1.5 2.1 2.1	6.5 4.2 2.3 2.3	7.0 5.2 1.7 1.7	7.2 5.0 2.1 2.1	6.5 3.7 2.7 2.7	8.9 5.6 3.1 3.1	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Nondefense:	-1.1 -1.9 .8 .8	4.6 1.8 2.7 2.7		-4.0 7.6	-2.6 1.0	13.1 11.2 1.8 1.8	20.2 17.2 2.5 2.5	-22.3
Gross private domestic investment: Current dollars Chain-type price index Implicit price deflator	10.7 11.7 9 9	6.0 5.8 2	12.2 11.5 2	3.6 3.6 .1	-2.2 -2.1 4 1	13.1 13.6 3 4	10.4 10.0 .4 .3	10.8 9.9 .8 .8	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator State and local:	2.6 .9 1.6 1.6	8.4 4.7 3.6 3.6	17.9 2.1	6.1 10.4	11.7 10.9 .7 .7	-5.3 -7.1 1.8 1.9	13.6 10.3 3.1 3.0	8.0 9 9.0 9.0
Fixed investment: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	11.8	8.1 0	13.6 13.8 2 2	9.4 9.1 .3 .3	6.5 6.6 1 1	6.9 6.8 .1	3.2 2.6 .5	21.0 19.8 1.1 1.1	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Addenda:	5.1 3.2 1.8 1.8	6.9 4.2 2.5 2.6	2.4 1.2	9.7 8.2 1.4 1.4	4.0	9.1 4.8 4.2 4.2	10.5 6.4 3.8 3.8	12.4 7.0 5.0 5.0
Nonresidential: Current dollars	10.7 12.7 –1.8 –1.8		13.2 15.3 -1.8 -1.8	9	7.0	9.4 10.9 -1.3 -1.3	2.9 2.9 0 0	25.4 25.2 .1 .1	Final sales of domestic product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.5 4.3 1.2 1.2	6.0 4.5 1.4 1.4	7.2 6.3 .8 .8	6.7 4.6 2.1 2.1	4.8 3.4 1.4 1.4	5.7 4.5 1.1 1.2	8.1 6.0 2.0 2.0	9.9 6.9 2.7 2.7
Structures: Current dollars	7.4 4.1 3.1 3.1	.2 -2.4 2.6 2.6	9.5 5.8 3.5 3.5	1.3	-3.2 -5.3 2.2 2.2	6 -3.8 3.4 3.4	2.9 5 3.5 3.5	25.5 20.7 4.0 4.0	Gross domestic purchases: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	6.2 5.4 .7 .7	6.7 5.1 1.5 1.5	6.6 5.5 .9 1.1	7.5 5.8 1.6 1.6	5.2 3.2 1.9 1.9	8.1 6.2 1.7 1.7	9.6 7.2 2.3 2.3	9.7 6.4 3.2 3.2
Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Residential:	11.8 15.8 -3.4 -3.4	9.1 12.0 –2.5 –2.5	14.4 18.6 -3.5 -3.5	12.5 -1.6	8.4 11.2 –2.5 –2.5	12.6 15.7 -2.7 -2.7	2.9 4.0 –1.1 –1.1	25.3 26.6 -1.0 -1.0	Final sales to domestic purchasers: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	6.2 5.4 .8 .8	7.1 5.5 1.5 1.5	6.8 5.8 .9 .9	8.5 6.7 1.7 1.7	6.7 4.7 2.0 2.0	7.0 5.1 1.8 1.8	8.4 5.9 2.3 2.3	11.4 7.9 3.2 3.2
Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Exports of goods and services:	9.2 2.6 2.6	7.4 3.9 3.9	9.8 4.5	12.9 4.0	9.3 5.5 3.6 3.6	.2 -3.8 4.1 4.1	4.0 1.8 2.2 2.2	9.3 5.2 3.9 3.8	Gross national product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.4 4.1 1.2 1.2	5.6 4.0 1.4 1.5	6.3 .9	5.8 3.8 2.0 2.0	3.3 1.9 1.3 1.4	6.8 5.6 1.1 1.1		5.1 2.7
Current dollars	2 2.2 -2.3 -2.3	3.3 3.8 5 4	14.5 16.3 -1.5 -1.5	-5.5 5	4.7 4.0 .7 .7	13.0 11.5 1.3 1.3	12.9 10.1 2.6 2.6	7.7 5.5 2.1 2.1	Command-basis gross national product: Chain-type quantity index Disposable personal income: Current dollars Chained (1996) dollars	4.5 5.1 4.1	3.9 5.6 4.0	6.3 6.0 4.8	4.1 5.6 4.1	1.4 5.5 3.2	5.0 4.8 2.9	7.3	4.7 5.5 2.2
Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Exports of services:	-1.1 2.1 -3.1 -3.1	2.6 4.0 -1.4 -1.4	16.6 19.4 –2.3 –2.3	-9.3 -1.4	3.7 4.3 6 6	17.7 16.9 .7	14.0 11.1 2.6 2.6	8.6 6.8 1.7 1.7	Final sales of computers ¹: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	10.7 53.9 –28.0 –28.0	6.3	3 44.4 -31.2	-6.1 31.6 -28.6 -28.6	21.4 44.2 –15.8	24.0 53.2 –19.0	-6.6 15.4 -19.1	78.9 –16 .9
Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Imports of goods and services:	2.2 2.5 3 3	5.0 3.2 1.7 1.8	9.8 9.2 .6 .6	5.7 4.1 1.5 1.5	7.1 3.2 3.8 3.8	2.7 0 2.7 2.7	10.4 7.6 2.6 2.6	5.4 2.2 3.1 3.1	Gross domestic product less final sales of computers: Current dollars Chain-type quantity index Chain-type price index	5.5 3.9 1.6	5.7 3.8 1.8	7.1 5.6 1.2 1.4	5.8 3.4 2.4	3.1 1.5 1.5	6.6 5.2 1.3	9.5 7.2 2.2 2.2	7.8 4.8 2.9
Current döllars Chain-type quantity index Chain-type price index Implicit price deflator	5.6 11.6 -5.3 -5.3	12.2 11.7 .4 .4	10.5 10.8 3 3	9.2 12.5 -3.0 -3.0	20.4 14.4 5.2 5.2	22.1 14.9 6.2 6.2	14.0 8.7 4.9 4.9	19.4 12.7 5.9 5.9	Implicit price deflator Gross domestic purchases less final sales of computers: Current dollars	1.5	1.8		2.4	1.6	1.3	2.2 2.2 9.7 7.0	2.9 2.9 9.6 5.9
Imports of goods: Current dollars	5.1 11.7	12.8 12.7	11.5 12.8	9.4 12.6	21.2 15.5	24.2 17.3	16.2 9.7	21.0 13.5	Chain-type quantity index Chain-type price index Implicit price deflator	4.9 1.2 1.2	4.6 1.9 2.0	6.6 4.9 1.5 1.6	7.4 5.3 2.0 2.0	4.9 2.6 2.2 2.3	5.8 2.1 2.1	7.0 2.6 2.5	3.4

^{1.} For some components of final sales of computers, includes computer parts.

 $\hbox{Note.} \hbox{$-$Contributions to the percent change in real gross domestic product are shown in table 8.2.}$

Table 8.2.—Contributions to Percent Change in Real Gross Domestic **Product**

	Г		Sea	sonally	adiuste	ed at ar	nual ra	ates
	1998	1999	1998	<u> </u>	19			2000
			IV	1	11	111	IV	1
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 Furniture and household	.33	.19	.94	.13	.30	.10	.27	.86
equipment	.39	.44	.44	.55	.34	.39	.49	.55
Other	.13	.18	.13	.28	.08	.13	.27	.30
Nondurable goods	.79 .26	1.05 .40	.98 .60	1.69 .20	.64 .24	.73 .26	1.51 1.08	1.12
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 Household operation	.24 .21	.22 .16	.21 37	.31 .39	.23	.27 .25	.28 –.14	.25 .24
Electricity and gas	.03	.04	49	.24	.05	.14	22	.11
Other household operation Transportation	.18 .10	.11. .08	.11 .07	.15 .08	.16 .10	.11 .12	.08 .07	.12
Medical care	.29	.27	.29	.17	.30	.43	.40	.36
RecreationOther	.12 .64	.27 .59	.12 .34	.27 .42	.31 .85	.35 .56	.19 .72	.32 .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 Structures	1.49	.83 –.14	1.79 .18	.95 –.18	.86 –.16	1.33 11	.39 01	2.90
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	.45	.33	.43	.33	.40	.40	.18	.39
equipment Software I	.23	.20	.26	.16	.23	.21	.10	.29
Other	.17	.30 .05	.12	.30	.46	.27	.17	.68 .25
Industrial equipment Transportation equipment	.08	.03	.01 .99	17 .23	.07	.16 .55	.19 32	.49
OtherResidential	.12	02 .15	19 .41	.28 .54	17 .24	14 17	0 .09	.25 .23
Change in private inventories	.07	.01	26	85	-1.46	1.09	1.24	
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 .17	.48 .37	1.67 1.38	61 74	. 42 .32	1.19 1.19	1 .08 .83	.60 .52
Services	.08	.10	.29	.13	.10	0	.24	.08
Imports	-1.43 - 1.21	-1.57 -1.43	-1.34 -1.30	-1.53 -1.28	-1.77 -1.59	-1.92 -1.84	-1.20 -1.12	-1.72 -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 Gross investment	10 .02	.12 .07	0 11	19 .03	21 .11	.43 0	.50 .14	88 11
Nondefense	.02	.10	.36	.13	.23	16	.22	02
Consumption expenditures Gross investment	03 .05	.03 .07	.30 .06	.08 .06	.06 .17	10 06	.11 .11	.09 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 .11	.46 1.94	.90 –.87	26 .29	17 .87	.43 .20	1.14 30
Final sales of computers 2	.47	.33	.40	.29	.38	.47	.16	.65

Table 8.3.—Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product

			Sea	sonally	adjuste	d at ar	nual ra	ates
	1998	1999	1998		199	99		2000
			I۷	l	II.	Ш	IV	
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 Furniture and household equipment Other	.50 .59 .20	.29 .66 .28	1.40 .66 .19	.20 .83 .42	.45 .51 .12	.15 .58 .19	.39 .72 .40	1.28 .81 .44
Nondurable goods	1.19	1.62	1.44	2.56	.98	1.07	2.21	1.68
Food	.40 .38	.62 .35	.89 .23	.32 1.24	.36 .14	.38 .30	1.58 21	.36 .89
goods	.01 .03 –.01 .40	.06 .04 .02 .59	07 04 03 .39	.06 03 .09 .94	.06 .03 .03 .42	.04 .05 –.01 .34	.10 .15 –.05 .73	27 25 02 .70
Services	2.40	2.47	.95	2.50	3.03	2.90	2.21	3.30
Housing Household operation Electricity and gas Other household operation Transportation Medical care Recreation Other	.36 .31 .04 .28 .15 .44 .18	.35 .24 .07 .18 .12 .43 .41	.30 56 73 .17 .11 .42 .18	.49 .58 .36 .22 .12 .27 .40 .64	.35 .32 .07 .25 .15 .46 .47	.39 .37 .20 .16 .17 .63 .52	.41 21 32 .11 .11 .58 .27	.38 .35 .17 .18 .11 .54 .48 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.

Excludes software "embedded," or bundled, in computers and other equipment.
 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.

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

			••					
			Sea	sonally	adjuste	ed at ar	nnual ra	ates
	1998	1999	1998		19	99		2000
			IV	1	H	111	IV	Ī
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	•
farm Utilities Mining exploration, shafts, and	.74 .18	- .51 04	1.06 .25	21 15	-1.52 03	-1.09 .14	20 13	2.67 .43
wells Other structures	09 02	.17 .01	20 .08	62 06	.30 .31	.53 22	.27 –.02	.33 .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 Computers and peripheral	5.42	5.78	4.99	4.82	6.44	5.14	3.11	8.39
equipment ¹ Software ² Other Industrial equipment Transportation equipment Other	2.87 1.46 1.09 .53 1.96 .78	2.20 1.47 2.12 .62 1.05 07		2.00 1.00 1.82 -1.00 1.37 1.66	2.36 1.36 2.72 .42 .22 98	2.33 1.24 1.58 .92 3.23 83	1.05 1.11 .95 1.10 –1.91 –.04	2.40 1.82 4.17 1.58 3.07 1.55
Residential	2.34	1.05	2.62	3.25	1.44	98	.46	1.67
Structures Single family Multifamily Other structures	2.30 1.63 01 .69	. 99 .34 .04 .60	2.59 1.65 02 .96	3.16 1.89 .70 .58	1.39 01 12 1.52		1.34 07 83	1.60 2.54 .38 -1.32
Equipment	.04	.06	.04	.09	.06	.04	.02	.07

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

				••				
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:							ĺ	
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 17 1.31	.79	1.42	-1.94	1.15	1.04	3.59	
parts	10 .20 .28	.06 .37 .26		.23	1.46 18 02	.63	.25 1.19 1.05	1.46 1.44 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
except petroleum and products Petroleum and products Capital goods, except automotive Automotive vehicles, engines, and	1.38 .41 3.51	.54 0 4.42	-1.17	.28	1.05	66	-1.92	2.10
parts Consumer goods, except automotive Other	.88 2.48 .86	2.03 2.85 .55	5.94 .69 2.90	3.52 2.99 .96			3.48	2.88 2.70 26
Imports of services 1	1.78	.97	.33	1.99	1.55	.70	.58	1.35

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.

Table 8.6.—Contributions to Percent Change in Real Government Consumption Expenditures and Gross Investment by Type

			Sea	sonally	adjuste	ed at a	nnual ra	ates
	1998	1999	1998		19	99		2000
			١٧	1	11	111	ΙV	1
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 Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government employees,	45 55 .02 .02 60	. 89 .53 .02 .02 .50	67 01 10 18 .27	90 1.06 26 09 71	59 -1.21 .19 .17 -1.56	2.38 2.40 .33 .44 1.63	3.68 2.87 11 42 3.40	-4.93 04 .20
except own-account investment 3	28	28	47	32	13	.07	23	09
Consumption of general government fixed capital 4 Other services Gross investment Structures Equipment and software	03 29 .10 03	.01 .77 .36 0	0 .74 66 20 46	0 40 .17 .06 .11	.01 -1.44 .62 03	.03 1.53 03 05	.04 3.59 .81 .02 .80	.03 -5.03 62 09 53
Nondefense Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government employees,	.12 15 09 .02 08	. 50 .13 .01 .08 .05	2.03 1.72 1.49 .07 .16	.77 .45 .04 .27 .14	1.33 .36 .04 02 .34	93 60 06 .08 62	1.27 .64 .03 0 .60	12 .49 .03 .12 .34
except own-account investment 3	.06	06	.38	.03	26	23	.28	.36
Consumption of general government fixed capital ⁴ Other services Gross investment Structures Equipment and software	.12 26 .27 .08 .19	.10 0 .37 –.04 .40	.12 34 .32 06 .37	.12 02 .32 .03 .29	.12 .49 .97 –.26 1.22	.13 51 33 .13 47	.13 .20 .63 –.01 .64	.12 14 60 19 41
State and local Consumption expenditures Durable goods 2 Nondurable goods Services Compensation of general government employees,	2.06 1.75 .08 .41 1.26	2.35 1.14 .06 .29 .79	1.57 1.68 .07 .34 1.27	5.23 1.83 .07 .36 1.40	.57 1.84 .07 .36 1.40	3.09 2.07 .07 .38 1.62	4.30 1.95 .07 .40 1.47	4.45 1.74 .07 .39 1.28
except own-account investment 3	.50	.31	.71	.84	.83	1.10	.80	.60
Consumption of general government fixed capital 4 Other services Gross investment Structures Equipment and software	.24 .52 .31 –.07 .38	.20 .28 1.21 .91 .30	.26 .31 11 46 .36	.26 .29 3.40 3.11 .29	.26 .31 –1.26 –1.57	.27 .25 1.02 .56 .46	.29 .39 2.35 2.04 .31	.27 .40 2.70 2.29 .42

Includes new computers and peripheral equipment only.
 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 7.10. 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.

Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.
 Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.
 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.
 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]

				Seasona	lly adjuste	ed at annu	ual rates	
	1998	1999	1998		19	99		2000
			IV	_	Ш	III	iV	_
Current dollars: Gross domestic product Gross national product Personal income Disposable personal income Personal consumption expenditures Durable goods Nondurable goods Services	32,373 32,336 27,195 23,231 21,614 2,580 6,315 12,718	33,885 33,812 28,525 24,307 22,907 2,777 6,747 13,383	32,941 32,878 27,725 23,628 21,993 2,661 6,417 12,915	2,715 6,569	33,530 33,477 28,348 24,171 22,732 2,755 6,690 13,287	33,937 28,632 24,389 23,047 2,785	34,545 29,077 24,759 23,465 2,852 6,950	35,146 29,458 25,044 24,034 2,980
Chained (1996) dollars: Gross domestic product Gross national product Disposable personal income Personal consumption expenditures Durable goods Nondurable goods Services	31,396 31,367 22,569 20,998 2,703 6,228 12,077	32,392 32,328 23,244 21,905 2,986 6,502 12,447	31,807 31,751 22,859 21,277 2,820 6,305 12,171	21,574 2,898	23,172 21,792 2,955	32,418 23,275 21,994 3,002 6,505	32,841 23,485 22,257 3,088 6,608	33,193 23,571 22,621 3,242 6,686
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]

		- "	Sea	asonally	adjust	ed at a	nnual r	ates
	1998	1999	1998		19	99		2000
			IV	ı		III	I۷	_
Motor vehicle output	313.3 130.5 182.8	342.4 126.9 215.5	345.3 143.5 201.9	325.0 121.2 203.8	330.9 122.7 208.2	226.3	358.8 135.1 223.8	348.9 128.7 220.2
Final sales of domestic product	312.3	331.9	329.0	319.3	329.3	339.2	339.7	351.9
Personal consumption expenditures New motor vehicles Autos Light trucks Net purchases of used autos	228.9 173.3 90.6 82.7 55.5	249.7 189.4 100.6 88.8 60.2	241.8 181.5 94.3 87.2 60.3	242.0 181.8 95.4 86.3 60.2	248.1 188.3 100.6 87.6 59.8	251.9 190.1 99.7 90.4 61.8	256.8 197.6 106.7 90.9 59.1	273.1 213.4 111.3 102.2 59.7
Private fixed investment New motor vehicles Autos Trucks Light trucks Other Net purchases of used autos	139.2 175.4 76.7 98.7 64.1 34.7 –36.3	160.8 199.4 79.3 120.2 78.7 41.5 –38.7	150.7 187.6 79.2 108.5 69.7 38.8 –36.9	153.8 190.8 76.3 114.5 74.4 40.1 –37.0	157.1 196.4 80.5 115.9 75.7 40.2 –39.3	169.8 210.6 82.8 127.7 85.4 42.3 -40.7	162.4 200.0 77.5 122.6 79.1 43.4 –37.6	167.5 206.8 81.7 125.1 83.9 41.2 –39.3
Gross government investment Autos New trucks	11.9 3.8 8.1	12.9 4.3 8.6	1 2.9 4.1 8.8	11.7 3.8 8.0	10.9 3.7 7.2	13.2 4.3 8.9	1 5.7 5.3 10.4	1 3.1 3.5 9.6
Net exports Exports Autos Trucks Imports Autos Trucks	-67.7 26.7 16.2 10.5 94.3 79.4 15.0	-91.5 25.9 16.4 9.5 117.3 96.7 20.6	-76.5 26.3 17.2 9.2 102.8 86.8 16.0	-88.3 24.6 15.6 9.0 112.9 94.1 18.8	-86.8 27.0 17.7 9.3 113.8 92.0 21.8	25.1 15.5 9.6	-95.2 26.7 16.6 10.1 121.9 100.8 21.1	-101.8 27.2 16.9 10.3 129.0 108.0 21.1
Change in private inventories	1.0	10.5	16.3	5.7	1.6	15.8	19.1	-2.9
Autos New Domestic Foreign Used	3.3 2.6 1.0 1.6 .7	1.5 1.3 .2 1.1 .2	12.1 11.9 9.5 2.4 .1	.9 .2 .2 0 .7	- 8.4 -6.1 -7.7 1.6 -2.3	5.4 4.1 3.5 .6 1.3	8.2 7.1 4.8 2.3 1.1	2.9 1.1 0 1.1 1.8
New trucks	-2.3 -2.1 1	9.0 8.5 .5	4.2 4.2 0	4.8 3.6 1.2	10.0 10.4 4	10.4 11.3 -1.0	11.0 8.7 2.2	-5.9 -5.7 2
Addenda: Final sales of motor vehicles to domestic purchasers Private fixed investment in new autos	379.9	423.4					434.9	453.7
and new light trucks Domestic output of new autos ² Sales of imported new autos ³	140.8 114.2 71.2	157.9 116.8 81.3	148.8 122.8 76.7	150.7 114.0 74.7	156.2 114.0 79.8		156.6 117.6 89.8	165.6 121.9 88.7

Table 8.9B.—Real Motor Vehicle Output

[Billions of chained (1996) dollars]

[Billions of	cnained	1 (1996) dollar	sj				
	Seasonally adjusted at annual							
	1998	1999	1998		19	99		2000
			١٧	ı	=	III	IV	_
Motor vehicle output	315.7 132.3	345.2 129.9	348.6 147.2	329.0 125.1	335.7 127.4	355.8 129.8	360.3 137.3	352.9 132.9
Auto outputTruck output I	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 91.2	189.6 102.1	181.3 95.0	181.9 96.6	188.8 102.2	190.3 101.4	197.5 108.4	214.2 113.3
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 New motor vehicles	139.0 177.5	160.3 201.3	1 50.1 188.7	152.3 192.2	1 56.0 198.2	1 70.0 212.7	163.1 202.0	167.5 208.9
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 Other	66.1 34.1	81.0 39.9	71.2 37.7	76.3 38.8	77.9 38.8	88.1 40.6	81.8 41.5	86.8 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 New trucks	3.6 8.2	4.1 8.7	4.0 8.8	3.7 8.0	3.5 7.3	4.1 8.9	5.1 10.4	3.4 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 Trucks	16.0 10.1	16.0 9.0	16.9 8.8	15.3	17.4 8.8	15.2 9.1	16.2° 9.5	16.4 9.6
Imports	93.0	114.3	101.1	8.6 110.2	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 –2.2
Change in private inventories	1.0 3.4	10.1 1.2	16.6 12.9	6.4 1.7	2.5 -7.9	13.3 3.3	18.0 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 Used	1.5 .8	1.1 .2	2.2 .1	1 .8	1.5 2.5	.7 1.3	2.3 1.1	1.0 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	440.0	404.0			1	470 -	400.0	400.0
and new light trucks Domestic output of new autos 2	143.3	161.3 117.7	150.9 123.8	153.3 115.4	159.4 115.9	172.1 121.3	160.3 118.2	169.8 123.9
Sales of imported new autos ³	71.7		77.3	75.5	81.0	82.2	91.2	

Except for exports and imports, consists of new trucks only.
 Consists of final sales and change in private inventories of new autos assembled in the United States.
 Consists of personal consumption expenditures, private fixed investment, and gross government investment.

^{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-March 2000.

Table B.1.—Personal Income [Billions of dollars; monthly estimates seasonally adjusted at annual rates]

	1998	1999					19	99						200	00	
	1990	1999	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan."	Feb. r	Mar. "	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 Private industries Goods-producing industries Manufacturing Distributive industries Service industries Government Other labor income	4,186.0 3,493.2 1,038.7 757.5 944.6 1,509.9 692.8 515.7	4,472.3 3,745.8 1,082.4 779.7 1,005.8 1,657.6 726.5 535.8	4,385.8 3,667.7 1,064.4 767.5 987.8 1,615.5 718.1 529.8	4,410.4 3,690.7 1,070.2 770.5 993.4 1,627.1 719.8 531.3	4,432.1 3,711.3 1,074.8 774.9 996.4 1,640.0 720.8 533.0	4,455.4 3,731.9 1,080.4 779.0 1,003.1 1,648.4 723.5 534.8	4,491.4 3,764.2 1,089.8 786.0 1,009.8 1,664.6 727.2 536.7	4,508.2 3,777.6 1,087.3 785.2 1,013.1 1,677.2 730.7 538.6	4,528.5 3,795.6 1,093.6 788.0 1,017.3 1,684.6 732.9 540.3	4,556.7 3,821.0 1,101.4 793.7 1,018.8 1,700.8 735.7 541.9	4,569.5 3,831.3 1,100.3 789.3 1,021.1 1,709.9 738.3 543.7	4,600.5 3,859.0 1,102.5 789.0 1,037.4 1,719.1 741.5 545.4	4,640.9 3,889.2 1,115.3 796.2 1,042.7 1,731.2 751.7 548.3	4,654.4 3,901.1 1,119.8 799.7 1,039.7 1,741.6 753.2 550.4	4,684.0 3,926.1 1,127.1 800.9 1,046.0 1,753.1 757.9 552.9	4,727.3 3,966.3 1,137.5 811.0 1,055.1 1,773.7 761.0 555.2
Proprietors' income with IVA and CCAdj	606.1 25.1 581.0	658.5 31.3 627.3	640.9 30.1 610.8	648.4 30.1 618.4	646.6 27.3 619.4	670.8 45.0 625.8	653.7 23.5 630.2	657.8 21.4 636.4	650.6 18.0 632.5	684.2 44.9 639.3	694.8 46.1 648.7	675.9 21.8 654.1	677.5 21.9 655.6	682.0 22.3 659.7	696.6 26.9 669.8	703.5 28.8 674.7
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 Government unemployment insurance benefits	578.1 19.8	596.4 20.3	590.5 20.7	592.0 20.4	592.5 20.1	594.5 20.4	596.8 20.2	599.4 20.4	600.8 20.1	604.2 19.8	602.4 20.3	607.4 20.4	615.1 20.1	618.5 20.6	619.6 20.0	623.3 19.8
Other Less: Personal contributions for social insurance	385.7 315.9	401.5 334.6	400.8 329.6	398.9 331.1	400.3 332.3	401.5 333.7	400.8 335.7	402.8 336.6	402.8 337.8	404.2 339.3	405.1 339.9	406.6 341.8	407.9 346.5	409.4 347.3	410.3 348.9	410.4 351.5

P Preliminary.

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]

	4000	4000					19	99		•				20	00	
	1998	1999	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. "	Feb. *	Mar."	Apr. P
						В	Billions of d	ollars, unle	ss otherwi	se indicate	d					
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	5,848.6 698.2 1,708.9 3,441.5	6,257.3 758.6 1,843.1 3,655.6	6,145.0 753.8 1,801.6 3,589.6	6,168.4 745.0 1,818.3 3,605.1	6,202.1 752.0 1,826.3 3,623.8	6,231.8 757.8 1,829.8 3,644.1	6,259.1 753.1 1,836.4 3,669.5	6,309.9 765.7 1,854.9 3,689.2	6,342.2 766.6 1,870.4 3,705.1	6,376.8 767.0 1,883.5 3,726.3	6,427.3 784.9 1,895.9 3,746.5	6,498.3 794.4 1,938.0 3,765.9	6,542.4 809.2 1,933.8 3,799.3	6,613.1 828.6 1,958.9 3,825.6	6,652.0 817.9 1,979.0 3,855.2	6,676.1 816.8 1,981.4 3,877.9
Interest paid by persons	185.7 22.3	201.7 24.3	196.9 23.5	197.6 24.6	198.9 24.6	203.3 24.6	202.1 24.5	203.3 24.5	204.4 24.5	205.3 24.7	207.3 24.7	209.7 24.7	210.8 25.0	211.8 25.0	212.5 25.0	213.3 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 Per capita: Current dollars Chained (1996) dollars Population (thousands)	6,107.1 23,231 22,569 270,595	6,349.4 24,307 23,244 273,161	6,297.2 23,989 23,123 272,335	6,289.9 24,082 23,078 272,551	6,309.8 24,131 23,132 272,771	6,362.3 24,299 23,304 273,011	6,359.2 24,323 23,272 273,260	6,384.7 24,455 23,343 273,520	6,354.7 24,390 23,212 273,773	6,427.0 24,696 23,456 274,005	6,447.2 24,780 23,512 274,209	6,444.8 24,802 23,487 274,399	6,475.3 24,951 23,584 274,562	6,468.4 25,013 23,547 274,704	6,482.5 25,167 23,584 274,875	6,522.3 25,314 23,712 275,060
Personal consumption expenditures: Billions of chained (1996) dollars Durable goods Nondurable goods Services Implicit price deflator, 1996–100	5,681.8 731.5 1,685.3 3,268.0 102.93	5,983.6 815.7 1,776.1 3,400.1 104.58	5,923.0 808.6 1,763.6 3,359.3 103.75	5,911.4 796.6 1,755.4 3,366.4 104.35	5,945.2 806.4 1,765.1 3,381.4 104.32	5,976.7 815.3 1,770.5 3,399.1 104.27	5,988.6 810.8 1,771.9 3,413.2 104.52	6,022.9 826.0 1,782.6 3,423.1 104.77	6,035.7 826.9 1,783.3 3,434.1 105.08	6,056.5 828.9 1,792.4 3,443.8 105.29	6,098.5 849.3 1,805.8 3,454.3 105.39	6,153.7 862.0 1,837.8 3,466.0 105.60	6,183.9 879.2 1,831.7 3,486.9 105.80	6,225.6 901.9 1,839.4 3,500.6 106.22	6,233.5 890.7 1,839.1 3,518.1 106.71	6,253.7 889.7 1,844.8 3,533.1 106.75
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
					Perce	ent change	from prece	eding perio	d, monthly	changes a	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 4.1	5.6 4.0	.4 .4	.5 1	.3 .3	.8 .8	.2 0	.6 .4	2 5	1.3 1.1	.4 .3	.2 0	.7 .5	.3 1	.7 .2	.7 .6
Personal consumption expenditures: Current dollars	5.9 4.9	7.0 5.3	.9 .9	.4 2	.5 .6	.5 .5	.4 .2	.8 .6	.5 .2	.5 .3	.8 .7	1.1 .9	.7 .5	1.1 .7	.6 .1	.4 .3

Revised.
CCAdj Capital consumption adjustment.

P Preliminary.
Revised.

 Bisposable personal income in chained (1996) dollars equals the current-dollar figure divided by the implicit price deflator for personal consumption expenditures.

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.
 NOTE:—In last month's issue, this table was not updated; we regret this error.

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. For the comprehensive revision of these estimates, see the article "Improved Estimates of Gross Product by Industry, 1947–98" in this issue.

Table B.4.—Personal Consumption Expenditures by Type of Expenditure

	Billions of dollars Billions of chained (1996) dollars							Billions of dollars			Billions of chained		
	Billi	ons of do	ilars					Billio	ons of do	llars		ns of chai 196) dollai	
	1996	1997	1998	1996	1997	1998		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	Brokerage charges and investment counseling (s.)	43.2	50.9	59.2	43.2	51.1	60.9
Food and tobacco	834.1 476.7	866.3 489.5	907.4 509.4	834.1 476.7	846.2 480.5	866.2 494.0	box rental (s.) Services furnished without payment by financial	42.9	47.9	55.7	42.9	45.7	51.7
Purchased meals and beverages (in.d.)	300.5 8.2	318.5 8.5	334.7 8.8	300.5 8.2	309.8 8.3	317.6 8.4	intermediaries except life insurance carriers (s.) Expense of handling life insurance and pension plans 17	177.0	203.3	218.4	177.0	186.3	198.2
Food produced and consumed on farms (n.d.) Tobacco products (n.d.)	.5 48.2	.5 49.3	5	.5 48.2	.5 47.1	.5 45.8	(s.)	81.3	89.0	91.3	81.3	84.5	82.4
Addenda: Food excluding alcoholic beverages (n.d.)	689.1	715.2	745.2	689.1	699.7	716.5	Legal services (s.)	51.5 14.5	55.0 15.3	58.5 16.0	51.5 14.5	52.9 14.6	53.8 14.7
premise consumption (n.d.)	56.1 40.7	58.3 43.5	61.3 46.9	56.1 40.7	57.4 42.0	60.0 44.1	Other 18 (s.)	24.8 594.6	26.9 623. 7	29.5 647.4	24.8 594.6	26.0 616.4	27.6 653.8
Clothing, accessories, and jewelry	333.3	348.2	367.9	333.3	348.8	375.8	User-operated transportation	550.2 81.9	575.6	598.0 90.6	550.2 81.9	570.3 82.7	606.1 91.2
Shoes (n.d.) Clothing and accessories except shoes 2	38.8 219.5	40.0 230.9	41.6 244.4	38.8 219.5	40.1 230.7	42.0 249.8	New autos (d.) Net purchases of used autos (d.)	51.4	82.8 53.4	55.5	51.4	54.8	57.6
Women's and children's (n.d.)	140.8	147.7	155.6 88.8	140.8 78.6	148.0 82.7	160.6 89.2	Other motor vehicles (d.)	84.3 38.7	87.2 39.7	101.4 41.7	84.3 38.7	86.4 39.9	100.6 42.3
Men's and boys' (n.d.)	78.6 .3 12.7	83.2	3 13.4	.3 12.7	3 13.2	.3 12.9	Repair, greasing, washing, parking, storage, rental, and leasing (s.)	134.2	145.9	153.8	134.2	143.9	149.0
Cleaning, storage, and repair of clothing and shoe's (s.) Jewelry and watches (d.)	40.3	13.5 41.2 22.3	44.2	40.3	42.8 21.8	47.7	Gasoline and oif (n.d.)	124.2 3.7	126.2 4.0	112.9 4.4	124.2 3.7	126.2 3.9	127.7 3.9
Other ³ (s.) Personal care	21.7 71.6	76.1	24.0 80.5	21.7 71.6	21.8 75.1	23.2 7 8.2	Insurance ¹⁹ (s.)	31.8 11.2	36.3 11.8	37.8 12.1	31.8 11.2	32.5 11.6	33.6 12.0 8.3
Toilet articles and preparations (n.d.)	48.0 23.5	50.6 25.5	53.8 26.8	48.0 23.5	50.5 24.6	52.9 25.4	Mass transit systems (s.)	7.7 3.5	8.1 3.7	12.1 8.4 3.7	7.7 3.5	8.0 3.6	8.3 3.7
Barbershops, beauty parlors, and health clubs (s.) Housing	772.5	809.8	855.9	772.6	786.5	25.4 805.6	Purchased intercity transportation Railway (s.)	33.3 .6	36.3	3.7 37.2 .7	33.3 .6	34.5 .7	35.7 .7
Owner-occupied nonfarm dwellingsspace rent 4 (s.) Tenant-occupied nonfarm dwellingsrent 5 (s.)	555.4 180.6	585.5 186.0	622.6 193.6	555.4 180.6	569.0 180.9	586.6 182.6	Bus (s.) Airline (s.)	1.8 26.2	1.8 29.0	2.0 29.5	1.8 26.2	1.8 27.4	1.8 28.3
Rental value of farm dwellings (s.)	6.2 30.2	6.4 31.9	6.6 33.1	6.2 30.2	6.0 30.6	5.9 30.5	Other 20 (s.)	4.7	4.7	5.1	4.7	4.6	4.9
Other 6 (s.) Household operation	589.2	617.5	646.5	589.2	611.2	643.7	Recreation	429.6 24.9	457.8 26.6	494.7 27.8	429.6 24.9	464.6 26.3	512.2 26.8
Household operation	50.9 30.0	54.1 30.9	57.0 32.3	50.9 30.0	54.2 31.0	57.2 32.9	Books and maps (d.) Magazines, newspapers and sheet music (n.d.) Nondurable toys and sport supplies (n.d.)	27.6 50.6	29.5 53.7	31.9 57.7	27.6 50.6	26.3 29.2 54.2	30.9 61.1
China, glassware, tableware and utensits (d.) Other durable house furnishings ⁸ (d.) Semidurable house furnishings ⁹ (n.d.)	25.4 50.5	27.1 53.4	29.2 57.6	25.4 50.5	27.3 53.1	28.9 57.1	Wheel goods sports and photographic equipment boats	40.5	43.2	47.1	40.5	43.4	47.9
Semidurable house furnishings (n.d.) Cleaning and polishing preparations, and miscellaneous	31.0	32.6	34.6	31.0	33.3	36.2	and pleasure aircraft (d.) Video and audio goods, including musical instruments,	80.0	84.0	92.6	80.0	97.0	124.5
household supplies and paper products (n.d)	49.8 18.8	51.5 20.0	54.3 21.3	49.8 18.8	51.0 19.1	52.9 19.9	and computer goods (d.) Video and audio goods, including musical instruments	56.4	57.8	62.2	56.4	60.3	68.2
Stationery and writing supplies (n.d.) Household utilities	185.0	188.6	186.8	185.0 93.3	184.6 93.3	187.1 99.3	(d.) Computers, peripherals, and software (d.)	23.6 3.7	26.2 3.9	30.4 3.9	23.6	38.1 3.8	63.9 3.8
Electricity (s.)	93.3 35.5	93.8 36.6	95.9 32.2	35.5	34.2	30.7	Radio and television repair (s.)	14.9	15.6	16.5	14.9	16.1	16.8
Water and other sanitary services (s.) Fuel oil and coal (n.d.)	40.7 15.6	43.0 15.2	45.4 13.2	40.7 15.6	42.0 15.1	42.9 14.5	Admissions to specified spectator amusements	20.7 5.8	22.2 6.4	23.8 6.8	20.7 5.8	21.6 6.2	22.6 6.5
Telephone and telegraph (s.) Domestic service (s.)	97.1 13.6	103.9 13.8	113.1 16.0	97.1 13.6	103.7 13.5	114.6 15.2	nonprofit institutions (event athletics) (s.)	8.0	8.7	9.4	8.0	8.4	8.9
Other 10 (s.)	37.1 932.3	41.6	44.2 1,032.3	37.1 932.3	40.4 956.6	42.1 987.4	Speciator sports ²¹ (s.) Clubs and fraternal organizations ²² (s.) Commercial participant amusements ²³ (s.)	6.9 14.0	7.1 14.4	7.6 14.9	6.9 14.0	6.9 14.1	7.2 14.1
Medical care Drug preparations and sundries 11 (n.d.) Ophthalmic products and orthopedic appliances (d.)	100.3	977.6 108.1	116.8	100.3	106.5	112.6	Pari-mutuel net receipts (s.)	48.3 3.5	52.3 3.6	56.2 3.7	48.3 3.5	51.1 3.5	53.8 3.5
Physicians (s.)	17.6 199.1	19.4 206.9	21.2 219.6	17.6 199.1	19.1 204.1	20.5 212.2	Other ²⁴ (s.)	100.8	109.0	118.6	100.8	105.1	110.8
Other professional services 12 (s.)	48.4 119.7	52.0 125.1	54.8 131.8	48.4 119.7	49.7 120.4	50.2 123.8	Education and research Higher education ²⁵ (s.)	122.3 66.1	1 30.7 69.2	139.2 71.8	122.3 66.1	126.1 66.7	130.1 66.7
Dentists (s.) Other professional services ¹² (s.) Hospitals and nursing homes ¹³ Hospitals	390.8 327.6	408.5 341.9	428.4 357.1	390.8 327.6	400.8 336.5 216.9	410.4 344.3	Nursery, elementary, and secondary schools 26 (s.) Other 27 (s.)	27.4 28.8	29.0 32.4	30.1 37.3	27.4 28.8	28.1 31.4	28.3 35.2
Proprietary (s.)	213.5 38.7	221.3 41.6	230.6 43.3	213.5 38.7	216.9 41.3	219.8 42.7	Religious and welfare activities 28 (s.)	146.8	150.3	163.5	146.8	145.9	154.7
Government (s.) Nursing homes (s.)	75.4 63.2	79.0 66.7	83.2 71.3	75.4 63.2	41.3 78.3 64.3	81.9 66.2	Foreign travel and other, net	-24.1 57.6	-21.8 63.4	-1 5.3 68.2	-24.1 57.6	-20.7 62.3	-11. 8 68.5
Health insurance	56.6 45.3	57.6 46.9	59.8 49.7	56.6 45.3	56.0 45.0	57.9 46.3	Expenditures abroad by U.S. residents (n.d.) Less: Expenditures in the United States by	2.2	2.9	3.7	2.2	3.3	4.1
Income loss ¹⁵ (s.) Workers' compensation ¹⁶ (s.)	1.0	1.2 9.6	1.4 8.7	1.0	1.0	1.1	nonresidents ³⁰ (s.) Less: Personal remittances in kind to nonresidents (n.d.)	82.4	86.5	85.4	82.4	84.7	82.7
Personal business	435.1	488.3	528.6	435.1	460.8	488.5	Residual	1.5	1.6	1.6	1.5	1.6 -2.8	1.6 -16.8
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- 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 serv-
- 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.

- denois, and iniscentaneous inuserious professional products dispensed by physicians, hospitals, and other medical 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 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 barks, 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 amaleur athletic events and to racetracks.
 22. Consists of bulliard 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—
- 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.

- equals student payments of futition.

 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.

 28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, so-cal 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.
- 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

	Billio	ons of do	llars		ns of chai	
	1996	1997	1998	1996	1997	1998
Private fixed investment in structures	530.6	575.4	633.2	530.6	556.8	595.8
Nonresidential New Nonresidential buildings, excluding farm Industrial Commercial Office buildings 1 Other 2 Religious Educational Hospital and institutional Other 3 Utilities Railroads Telecommunications Electric light and power Gas Petroleum pipelines Farm Mining exploration, shafts, and wells Petroleum and natural gas Other 4 Brokers' commissions on sale of structures Net purchases of used structures	225.0 224.6 158.0 32.7 78.7 32.4 46.3 4.4 7.7 13.1 21.4 36.0 4.4 11.7 7.6 1.0 3.7 21.1 19.4 1.7 5.8	254.1 252.9 177.1 31.4 89.7 39.9 49.8 5.6 5.1 255.3 4.9 12.6 3.8 30.0 28.3 1.5 5.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	272.8 272.6 193.1 30.0 48.3 51.7 6.5 10.8 15.2 28.2 39.2 11.7 6.6 13.3 30.0 28.0 20.0 4.3 3 30.0 4.3 3 30.0 4.3 3 3.0 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	225.0 224.6 158.0 32.7 78.7 32.4 46.3 4.4 7.7 13.1 21.4 36.0 4.4 11.7 21.1 19.4 1.9 5.8	244.0 242.8 171.6 30.4 86.9 38.7 48.2 5.4 9.5 14.6 24.7 4.8 12.4 11.1 6.5 9.3 3.7 26.4 1.6 5.3 24.7 1.6 5.3 24.7 26.7 26.7 26.7 26.7 26.7 26.7 26.7 26	254.1 253.9 180.9 30.2 93.8 45.3 45.3 10.2 14.3 26.4 38.0 5.1 14.1 23.5 1.2 25.4 23.5 6.0
Residential New New housing units Permanent site Single-family structures Multitamily structures Manufactured homes Improvements Other 5 Brokers' commissions on sale of structures Net purchases of used structures	305.6 269.8 192.2 179.4 159.1 20.3 12.8 77.0 .6	321.3 282.1 200.8 187.3 164.4 22.9 13.5 80.5 .8	360.4 314.4 229.1 213.9 189.5 24.5 15.2 84.4 .9	305.6 269.8 192.2 179.4 159.1 20.3 12.8 77.0 .6	312.7 273.8 194.9 181.7 159.8 21.9 13.3 78.1 .8	341.8 297.5 216.7 202.0 180.3 21.8 14.7 79.9 .9
Residual				0	.2	3

Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.
 Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.
 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 hospitales.
 Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.
 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

	Billio	ns of do	ollars		s of cha	
	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,	34.0	33.2	33.7	34.0	34.5	30.0
deneral industrial, including materials harding,	31.6	33.5	36.8	31.6	33.1	36.1
equipment Electrical transmission, distribution, and	31.0	33.3	30.0	31.0	33.1	30.1
	20.9	21.9	23.0	20.9	21.9	23.0
industrial apparatus						175.3
Transportation equipment	138.9	150.9	176.0 97.0	138.9	149.6 87.4	98.5
Trucks, buses, and truck trailers	77.9	87.0		77.9		
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:	İ		ľ			
Private fixed investment in equipment and	l					
software	682.1	739.9	826.8		l	
Less: Dealers' margin on used equipment	7.0	7.4	8.3			
Net purchases of used equipment from	۰.۰۱	′	1 0.0			l
government	8.	9.	.9		l	l
Plus: Net sales of used equipment	38.4	38.9	40.7			
Net exports of used equipment	30.4	30.9	70.7			
Sale of equipment scrap	4.7	4.6	5.0			
Equals: Private fixed investment in new	l 7.′	٦.٥	I "."	l	l	********
equipment and software	717.7	775.7	864.2	l		
- oquipmont and softmare	1 ' ' ' '	1 / / 0./	304.2		l	

Includes new computers and peripheral equipment only.
 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]

						[IVIIIIIO115	or dollarsj						
	1	Compensatio	on	Wage a	and salary a	ocruals		C	Compensatio	n	Wage a	nd salary a	ccruals
	1996	1997	1998	1996	1997	1998		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	Communications Telephone and telegraph	75,252 56,822	81,897 62,125	90,050 67,911	62,060 46,612	68,038 51,332	75,333 56,507
Domestic industries	4,400,135	4,680,700	5,016,446	3,634,692	3,889,675	4,194,771	Radio and television Electric, gas, and sanitary services	18,430 53,233	19,772 54,297	22,139 55,956	15,448 43,920	16,706 45,031	18,826 46,628
Private industries	3,550,510	3,803,231	4,106,570	2,993,688	3,225,229	3,501,946	Wholesale trade	288,768	310,227	335,441	246,699	265,850	288,598
Agriculture, forestry, and fishing Farms	39,815 16,576			34,570 14,184	37,392 15.048	40,880 16,223	Retail trade	398,276	420,173	446,621	345,115	365,733	390,983
Agricultural services, forestry, and fishing	23,239	1 '		20,386	22,344	24.657	Finance, insurance, and real estate	351,798	381,762	425,875	300,446	327,406	366,882
Mining	33,365 3,202 5,736 19,670	35,490 3,247 5,689	36,283 3,064 5,573 22,295	27,796 2,619 4,728 16,495	29,702 2,672 4,714 18,106	30,482 2,522 4,628	Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and	82,740 25,330 72,063 75,441	87,268 30,143 80,219 79,756	93,358 38,764 92,271 86,740	69,505 21,267 64,026 63,367	73,602 25,501 71,282 67,301	79,042 33,035 82,344 73,464
Nonmetallic minerals, except fuels Construction	4,757 208,199	5,035		3,954 172,199	4,210 189,379		service	32,424 44,526 19,274	35,006 48,461 20,909	36,994 54,353 23,395	28,034 37,978 16,269	30,389 41,581 17,750	32,181 46,846 19,970
Manufacturing Durable goods Lumber and wood products Furniture and fixtures Stone, clay, and glass products Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric equipment Motor vehicles and equipment Instruments and related products Miscellaneous manufacturing industries Nondurable goods Food and kindred products Tobacco products Tobacco products Apparel and other textile products Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaneous plastics products Leather and leather products	822,405 508,042,24,805 15,682 12,820 35,822 59,626 103,632 80,905 58,037 45,627 47,211 13,845 314,363 61,472 2,900 18,623 20,195 32,978 61,849 67,418 9,721	867,598 540,144 26,172 16,664 23,737 36,839 62,803 112,597 86,864 61,731 48,930 49,279 14,528 30,955 19,176 20,050 33,860 65,098 71,262 10,109 38,530		675,087 416,305 20,448 12,956 18,556 28,662 48,438 86,419 66,305 46,773 37,099 39,455 11,194 258,782 50,558 2,199 15,612 16,778 27,566 51,835 54,422 7,754 29,817 2,241	715,009 443,950 21,739 13,848 19,425 29,633 51,361 94,488 71,668 48,427 40,133 41,388 11,840 271,059 52,652 2,378 16,142 16,751 28,427 54,831 57,851 8,105	757,707 474,133 23,098 15,156 20,695 30,544 101,317 77,424 51,389 43,459 44,327 12,540 283,574 25,218 2,246 16,196 16,524 29,087 56,353 61,478 8,669	Services Hotels and other lodging places Personal services Business services Auto repair, services, and parking Miscellaneous repair services Motion pictures Amusement and recreation services Health services Legal services Educational services Social services and membership organizations Social services Membership organizations Other services Private households Government Federal General government Civilian Military 3 Government enterprises State and local General government Education Other	1,122,869 38,117 24,167 220,399 30,089 12,090 17,976 36,934 365,617 55,150 94,666 47,894 46,772 161,195 12,009 849,625 263,231 211,001 124,935 86,096 52,230 586,394 548,416 290,650	1,216,466 40,284 25,55,822 32,082 12,480 20,225 39,947 62,541 57,763 99,728 99,728 91,74,969 12,053 877,469 266,942 211,725 125,748 85,977 65,217 610,527 571,835 304,851 266,984	1,329,752 43,594 26,886 300,529 34,339 13,337 21,723 43,554 399,740 67,700 62,609 106,667 7,061 195,159 14,005 909,876 270,470 214,394 128,743 85,651 56,076 65,99,389 321,361 276,028	960,212 32,221 21,244 190,630 26,211 10,433 15,599 31,670 303,697 47,851 46,493 82,214 40,488 42,350 111,685 641,004 175,561 140,104 85,294 54,810 35,457 46,476 46,488 42,486 42,486 42,486 43,486 43,486 44	1,047,860 34,524 22,442 223,151 28,128 10,877 17,739 34,649 319,388 54,931 49,702 87,999 43,668 44,331 152,598 11,732 664,446 177,337 140,083 85,116 54,967 37,254 487,109 455,689 240,772 214,897	1,151,057 37,426 23,848 263,626 30,180 11,672 19,069 37,893 335,207 59,561 53,998 94,268 46,570 170,667 170,667 172,667 173,042 692,825 179,803 142,060 86,980 55,080 37,743 51,022 480,277 255,052 225,225
Transportation and public utilities Transportation Rairoad transportation Local and interurban passenger transit Trucking and warehousing ¹ Water transportation Transportation by air ¹ Pipelines, except natural gas	285,015 156,530 15,652 10,053 58,494 7,873 48,637 971	165,395 15,888 10,520 62,333 8,358 51,162 995	15,851 11,211 66,698 8,797 55,213 997	231,564 125,584 11,543 8,366 47,074 6,463 38,839 816	246,898 133,829 11,753 8,857 50,678 6,912 41,143 839	265,657 143,696 11,546 9,496 54,671 7,325 44,826 847	Government enterprises Rest of the world Receipts from the rest of the world Less: Payments to the rest of the world 4 Addenda: Households and institutions Nonfarm business	37,978 -4,550 1,756 6,306 348,558 3,275,584	38,692 -4,962 1,802 6,764 366,180 3,513,490	40,017 -5,256 1,856 7,112 385,575 3,798,508	30,677 -4,550 1,756 6,306	31,440 -4,962 1,802 6,764	32,745 -5,256 1,856 7,112
Railroad transportation Local and interurban passenger transit Trucking and warehousing ¹ Water transportation Transportation by air ¹	15,652 10,053 58,494 7,873 48,637	15,888 10,520 62,333 8,358 51,162 995	15,851 11,211 66,698 8,797 55,213	8,366 47,074 6,463 38,839	8,857 50,678 6,912 41,143	9,496 54,671 7,325 44,826	Receipts from the rest of the world Less: Payments to the rest of the world Addenda: Households and institutions	1,756 6,306 348,558	1,802 6,764 366,180	38	1,856 7,112 5,575	1,856 7,112 5,575	1,856 1,756 1,802 7,112 6,306 6,764 5,575

temporarily in the United States.

Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.
 Consists of museums, botanical and zoological gardens; engineering and management services; and services, not elsewhere classified.
 Includes Coast Guard.
 Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed.

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 in the April 2000 SURVEY OF CURRENT BUSINESS.

Table B.8.—Employment by Industry

						[Trious	sanosį						
		ne and pa employees		Perso	ons engage roduction ¹	ed in			ne and par employees			ns engage roduction ¹	d in
	1996	1997	1998	1996	1997	1998		1996	1997	1998	1996	1997	1998
Total	127,009	130,085	133,378	123,824	126,757	129,549	Pipelines, except natural gas	14	14	14	14	14	14
Domestic industries	127,494	130,617	133,917	124,240	127,213	130,011	Transportation services	431 1,348	453 1,421	471 1,477	434 1,259	455 1,324	465 1,365
Private industries	105,559	108,583	111,702	105,912	108,798	111,461	Telephone and telegraphRadio and television	936 412	1,003 418	1,045 432	873 386	938 386	963 402
Agriculture, forestry, and fishing	2,048	2,137	2,193	3,338	3,321	3,338	Electric, gas, and sanitary services	882	870	858	878	865	850
Farms	832 1,216	876 1,261	880 1,313	1,827 1,511	1,814 1,507	1,705 1,633	Wholesale trade	6,560	6,746	6,923	6,587	6,735	6,919
Mining	'	601	593	,	· ·	601	Retail trade	22,256	22,636	23,006	19,851	20,258	20,419
Metal mining	582 54 99	54 97	49 93	586 56 97	603 54 95	49 93	Finance, insurance, and real estate Depository institutions	7,053 2,017	7,256 2,031	7,539 2,046	7,310 1,923	7,424 1,925	7,636 1,933
Coal miningOil and gas extraction	321	340	340	326	345	349	Nondepository institutions	514	575	664	507	564	645
Nonmetallic minerals, except fuels	108	110	111	107	109	110	Security and commodity brokers	581 1,505	630 1,527	681 1,576	646 1,449	679 1,463	732 1,503
Construction	5,671	5,964	6,297	6,950	7,254	7,603	Insurance agents, brokers, and service	746 1.442	767 1,481	787 1,535	871 1,676	875 1.684	880 1,706
Manufacturing	18,579 10,838	18,770 11,061	18,935 11,277	18,576 10,911	18,774 11,134	18,944 11,355	Holding and other investment offices	248	245	250	238	234	237
Lumber and wood products	801	819	840	856	862	896	Services	36,517	38,006	39,545	36,396	37,956	39,353
Furniture and fixtures	506 546	513 555	535 566	521 561	530 563	544 569	Hotels and other lodging places	1,794	1,833 1,326	1,876 1,340	1,620 1,798	1,665 1,789	1,703 1,804
Stone, clay, and glass products Primary metal industries	708	710	714	706	706	710	Personal services	1,318 7,485	8,148	8,793	7,651	8,261	9,000
Fabricated metal products	1,453	1.485	1.517	1.447	1.481	1,514	Auto repair, services, and parking	1.205	1,248	1,275	1.481	1.511	1.522
Industrial machinery and equipment	2,117	2,175	2,217	2,096	2,173	2,216	Miscellaneous repair services	389	389	395	569	582	591
Electronic and other electric equipment	1,660 968	1,693	1,709 999	1,655 961	1,682 977	1,699 997	Motion pictures	539 1.590	569 1,664	592 1,729	583 1,400	610 1,485	644 1,496
Motor vehicles and equipment	900	984 858	899	820	855	902	Amusement and recreation services Health services	9,813	10,038	10,197	9,167	9,402	9,503
Instruments and related products	821 854	865	872	849	860	864	Legal services	1.064	1,084	1,113	1,145	1,200	1,231
Miscellaneous manufacturing industries	404	404	409	439	445	444	Educational services	2,113	2,179	2,262	1,962	2,003	2.092
Nondurable goods	7,741	7,709	7.658	7.665	7,640	7,589	Social services and membership		1	<u> </u>	· ·	· '	_,
Food and kindred products	1,697	1,694	1,694	1,664	1,676	1,672	organizations	4,759	4,949	5,154	4,618	4,816	4,991
Tobacco products	41 630	41 618	40 599	40	40 620	39 600	Social services	2,515 2,244	2,620 2,329	2,750 2,404	2,752 1,866	2,879	2,992 1,999
Textile mill products	874	829	770	632 880	830	775	Membership organizations Other services ³	3,202	3,346	3,539	3,574	1,937 3,798	3.894
Paper and allied products	683	685	679	678	677	672	Private households	1.246	1.233	1,280	828	834	882
Printing and publishing	1.564	1.579	1.594	1.535	1.562	1.578		,,	1 .,	.,			
Chemicals and allied products	1,033	1,036	1,042	1,535 1,025 138	1,023 135	1,028	Government	21,935	22,034	22,215	18,328	18,415	18,550
Petroleum and coal products	139	137	137	138	135	136	Federal	5,387	5,268	5,196	4,378	4,272	4,218
Rubber and miscellaneous plastics	981		1,016	971	988	1,004	General government	4,397 1,951	4,276 1,900	4,200 1,878	3,575 1,913	3,477 1,870	3,416 1,845
products Leather and leather products	99	998 92	1,016	102	89	1,004	CivilianMilitary 4	2.446	2,376	2,322	1,662	1,607	1,571
Econici and reasier produce] "] "-	١ ٠,	'**	l ‴	1 "	Government enterprises	990	992	996	803	795	802
Transportation and public utilities	6,293	6,467	6,671	6,318	6,473	6,648	State and local	16,548	16,766	17.019	13,950	14,143	14,332
Transportation	4,063	4,176	4,336	4,181	4,284	4,433	General government	15,704	15,933	16,181	13,079	13,282	13,466
Railroad transportation	223	220	216	211	208	205	Education	8,522	8,716	8,896	6,887	7,054 6,228	7,184
Local and interurban passenger transit Trucking and warehousing 2	440 1.659	457 1,708	473 1,777	445 1.853	481 1,879	486 1,954	Other	7,182 844	7,217 833	7,285 838	6,192 871	6,228	6,282 866
Water transportation	1,009	1,708	1,777	174	1,079	1,534	GOVERNMENT CHICAPTISCS	044	***	030	0′′	001	000
Transportation by air 2	1,119	1,141	1,200	1,050	1,068	1,124	Rest of the world 5	-485	-532	-539	-416	-456	-462
	1	1			'''	1 ""		1	I	1		[

 ^{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.

Includes Coast Guard.
 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 a per fu	nd salary Il-time equ	accruals ivalent	als Full-time equivalent employees Thousands				Wage a per fu	nd salary II-time equ	accruals ivalent		ime equiva mployees ¹	
		Dollars			Thousands				Dollars			Thousands	
	1996	1997	1998	1996	1997	1998		1996	1997	1998	1996	1997	1998
Total	32,040	33,428	35,112	113,300	116,213	119,317	Pipelines, except natural gas	58,286 31,523	59,929 32,805	60,500 34,688	14	14 416	14 432
Domestic industries	31,963	33,339	35,021	113,716	116,669	119,779	Transportation services	50,496	52,620	56,177 59,544	396 1,229 854 375	1,293 913	1,341 949
Private industries	31,384	32,825	34,594	95,388	98,254	101,229	Telephone and telegraph	54,581 41,195 50,367	56,223 43,963 52,484	48,026 55,246	375 872	380 858	392 844
Agriculture, forestry, and fishing	19,324	20,333	20,730	1,789	1,839	1,972	'*'			1			
Farms	19,893 18,946	20,037 20,537	21,516 20,244	713 1,076	751 1,088	754 1,218	Wholesale trade	39,283	41,166	43,549	6,280	6,458	6,627
Mining	48,680	50,428	52,465	571	589	581	Retall trade	18,774	19,496	20,508	18,383	18,759	19,065
Metal mining	48,500 48,742	49,481 49,621	51,469 50,857	54 97	54 95	49 91	Finance, insurance, and real estate	45,268 36,201	48,176 38,255	52,210 40,976	6,637 1,920	6,796 1,924	7,027 1,929
Coal mining Oil and gas extraction	52,365	54,372	56,571	315	333	333	Depository institutions	43,226	46,535	52,437	492	548	630
Nonmetallic minerals, except fuels	37,657	39,346	41,611	105	107	108	Security and commodity brokers	114,948 43,732	118,606 46,002	127,467 48,878	557 1,449	601 1,463	646 1,500
Construction	31,631	32,924	34,524	5,444	5,752	6,074	Insurance carriers	39,652	41,974	43.547	707	724	739
Manufacturing	37,158	38.965	40.928	18,168	18,350	18,513	Real estateHolding and other investment offices	29,810 68,357	31,936 75.855	34,882 84,262	1,274 238	1,302 234	1,343 237
Durable goods	39,038	40,804	42,715	10,664	10,880	11,100		1 .	.,	l '		204	
Lumber and wood products Furniture and fixtures	26,148 26,068	27,448 27,641	28,272 28,979	782 497	792 501	817 523	Services Hotels and other lodging places	29,791 20,705	31,118 21,537	32,746 22,696	32,232 1,561	33,674 1,603	35,151 1,649
Stone, clay, and glass products	34,880	35,708	37,088	532	544	558	Personal services	18,267	19,330	20.279	1,163	1,161	1,176
Primary metal industries	40,771	42,033	43,080	703	705	709	Business services	27,724	29,651	32,224	6,876	7.526	8,181
Fabricated metal products	33,968	35,155	36,292	1,426 2,074	1,461 2,141	1,493	Auto repair, services, and parking	23,073	23,797	24,860	1,136	1,182 360	1,214
Industrial machinery and equipment Electronic and other electric equipment	41,668 40.307	44,133 42.838	46,454 45,840	1,645	1,673	2,181 1,689	Miscellaneous repair services	29,170 37,052	30,214 39,685	31,717 40,833	358 421	360 447	368 467
Motor vehicles and equipment	48,773	49,669	51.908	959	975	1,000	Amusement and recreation services	24,474	25,477	27,183	1.294	1.360	1.394
Other transportation equipment	45,520	47,215	48,776	815	850	891	Health services	34,598	35,531	36,820	8,778	8,989	9,104
Instruments and related products	46,859	48,635 30,594	51,663	842 389	851 387	858 391	Legal services	50,636	57,042	59,740	945	963	997
Miscellaneous manufacturing industries Nondurable goods	28,776 34,486	36,286	32,072 38,254	7,504	7,470	7,413	Educational services	25,213	26,187	27,230	1,844	1,898	1,98
Food and kindred products	30,567	31,891	33,506	1.654	1,651	1,648	organizations	20.373	20.759	21,289	4,065	4,239	4,428
Tobacco products	54,975	59,450	57,590	40	40	39	Social services	18,403	18,970	19,637	2,199	2,302	2,429
Textile mill products	25,019	26,376	27,312	624 846	612 803	593 745	Membership organizations	22,696	22,886	23,297	1,866	1,937	1,999
Apparel and other textile products Paper and allied products	19,832 40,718	20,861 42,177	22,180 43,349	677	674	671	Other services ³ Private households	47,098 14,112	49,035 14.067	51,592 15,467	2,963 828	3,112 834	3,308 882
Printing and publishing	35.897	37,427	39,481	1.444	1.465	1,478	Fivate nouseholds	17,112	14,007	10,407	02.0	~~	1 302
Chemicals and allied products	53,303	56,772	60,096	1,021	1,465 1,019	1,023	Government	34,974	36,082	37,349	18,328	18,415	18,550
Petroleum and coal products	56,188	60,037	64,215	138	135	135	Federal	40,101	41,511	42,628	4,378	4,272	4,218
Rubber and miscellaneous plastics	30,898	32.253	33,691	065	092	997	General government	39,190 44,587	40,288 45,517	41,587 47,144	3,575 1,913	3,477 1,870	3,416 1,845
products Leather and leather products	23,589	25,281	26.345	965 95	982 89	84	Civilian	32,978	34,205	35.060	1,662	1,607	1,571
·			,				Government enterprises	44,156	46,860	47,061	803	795	802
Transportation and public utilities	39,355	40,897	42,717	5,884	6,037	6,219	I State and local	33,365	34,442	35,796	13,950	14,143	14,332
Transportation	33,197 54,706	34,439 56,505	35,621 56,322	3,783 211	3,886 208	4,034 205	General government	33,242 33,176	34,307 34,133	35,666 35,503	13,079 6.887	13,282 7,054	13,466 7,184
Local and interurban passenger transit	20,811	21,189	21,981	402	418	432	Education	33,314	34,133	35,852	6,192	6,228	6.282
Trucking and warehousing 2	30,351	31,753	32,934	1,551	1,596	1,660	Government enterprises	35,220	36,516	37,812	871	861	866
Water transportation	38,934	40,421	42,341	166	171	173					اميما		
Transportation by air 2	37,238	38,705	40,095	1,043	1,063	1,118	Rest of the world 5				-416	-456	-462

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,

NOTE.-Estimates in this table are based on the 1987 Standard Industrial Classification (SIC).

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.

Table B.10.—Farm Sector Output, Gross Product, and National Income

	Billio	ons of do	llars		ns of cha 196) dolla	
	1996	1997	1998	1996	1997	1998
Farm output Cash receipts from farm marketings Crops Livestock Farm housing Farm products consumed on farms Other farm income Change in farm inventories Crops Livestock	222.6 201.2 108.3 93.0 6.2 .5 6.8 7.9 9.0 -1.1	226.2 208.7 112.1 96.5 6.4 .5 7.8 2.8 3.1 4	214.2 198.2 103.7 94.5 6.6 .5 8.6 .3 .9 6	222.6 201.2 108.3 93.0 6.2 .5 6.8 7.9 9.0 -1.1	237.3 218.7 121.2 97.5 6.0 .5 8.2 3.0 3.4 4	237.9 220.3 121.8 98.7 5.9 .5 9.6 .9 1.7 7
Less: Intermediate goods and services purchased	130.4 114.3 16.1	138.1 122.1 16.0	134.1 119.0 15.1	130.4 114.3 16.1	134.7 119.2 15.5	137.4 121.9 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 6.2	5.2 6.3	5.3 10.7			
Plus: Subsidies to operators	68.1 16.6 14.2 2.4	63.0 17.5 15.0	58.6 18.6 16.2 2.4			
adjustments	42.0 34.3 7.7 9.5	35.5 29.5 6.0 10.1	29.2 25.1 4.1 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

	Billio	ons of do	lars		ns of cha	
	1996	1997	1998	1996	1997	1998
Housing output ¹ Nonfarm housing Owner-occupied Tenant-occupied Farm housing	742.3 736.1 555.4 180.6 6.2	777.9 771.5 585.5 186.0 6.4	822.8 816.2 622.6 193.6 6.6	742.3 736.1 555.4 180.6 6.2	755.9 749.9 569.0 180.9 6.0	775.2 769.3 586.6 182.6 5.9
Less: Intermediate goods and services consumed	94.4	103.9	116.8	94.4	100.1	110.0
Equals: Gross housing product Nonfarm housing Owner-occupied Tenant-occupied Farm housing	647.9 642.8 482.3 160.5 5.1	673.9 668.6 505.7 162.9 5.3	705.9 700.4 531.5 169.0 5.5	648.0 642.8 482.3 160.5 5.1	655.8 650.8 491.9 158.9 5.0	665.1 660.2 500.9 159.4 4.9
Less: Consumption of fixed capital	119.6 63.6 -56.0	126.2 67.6 -58.6	131.9 71.9 -60.0			125.7
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 8.4	448.3 9.0	470.0 9.6			
valuation adjustment and capital consumption adjustment Rental income of persons with	22.6	21.6				
capital consumption adjustment Corporate profits with inventory valuation adjustment and capital	111.2	111.5				
consumption adjustment Net interest	4.7 285.7	4.7 301.6	4.9 314.2			

^{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]

[Yearend estimates]												
	ŀ	Current-c	ost valuatio	n (Billions o	of dollars)			Chain-type	e quantity i	ndexes (1	996=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 equipmentSoftware I	82.0 129.7	86.4 142.9	93.6 158.3	101.5 173.7	110.6 192.6	120.7 220.4	45.21 73.84	53.99 81.69	71.80 89.64	100.00	140.17 112.26	206.52 128.48
Communication equipment	325.3 143.8	334.7 153.7	344.3 165.1	363.8 175.0	388.2 183.9	415.7	84.15 85.71	88.04 90.28	93.40	100.00 100.00	107.83	117.78 109.83
InstrumentsPhotocopy and related equipment	60.5	65.7	68.8	71.5	71.8	192.7 71.2	92.36	97.04	95.07 99.22	100.00	104.97 101.33	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 87.6	1,010.7 90.3	1,075.1 95.6	1,119.1 98.7	1,158.2 99.8	1,203.0 101.6	92.33 96.68	94.31 97.12	97.07 98.06	100.00 100.00	103.08 101.23	106.38 102.92
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 5.6	49.2 5.9	49.5 6.4	50.4 6.9	50.5 7.2	50.6 7.7	100.70 88.23	101.07 91.07	99.89 95.40	100.00	98.35 104.48	97.76 110.70
Metalworking machinerySpecial industry machinery, n.e.c	183.3 214.3	193.7 225.0	209.2 240.5	219.2 253.1	229.5 261.5	240.2 271:5	90.15 91.52	92.82 93.44	96.54 96.72	100.00 100.00	104.25 102.90	108.43 105.46
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 Trucks, buses, and truck trailers	556.7 181.4	604.3 206.7	650.5 234.1	690.4 260.8	720.7 285.4	781.3 323.7	86.51 73.33	90.93 80.98	95.20 89.85	100.00	105.35 111.58	113.40 124.74
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 46.4	137.4 46.1	143.6 45.9	147.1 46.5	149.4 46.5	166.5 46.9	100.42 106.95	99.48 104.28	100.14 101.57	100.00	101.32 98.36	111.86 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	547.3 149.8	574.6 159.2	607.1 169.7	636.8 178.2	669.4 188.1	707.0 196.9	91.75 91.40	93.97 93.83	96.73 96.85	100.00 100.00	104.30 104.39	109.46 109.41
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 54.1	150.6 56.0	160.9 57.9	169.2 59.3	178.9 60.8	187.4 63.1	90.95 95.05	93.53 96.40	96.71 98.45	100.00 100.00	104.54 102.40	109.67 105.33
Farm tractors	43.7 10.4	45.7 10.3	47.6 10.3	48.6 10.6	49.7	51.3	93.47	95.85	98.53 98.06	100.00 100.00	102.28 102.91	104.86 107.42
Construction tractors	67.5	69.6	72.6	74.9	11.1 77.2	11.8 80.0	102.32 96.85	98.92 97.33	98.44	100.00	102.06	104.49
Construction machinery, except tractors	69.4 16.4	72.4 16.3	76.8 16.5	82.1 16.6	88.4 16.9	96.4 18.3	91.09 107.00	92.56 104.08	95.48 101.57	100.00	105.91 100.21	113.40 107.73
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 2.8	41.8 2.8	43.4 2.9	44.7 2.9	46.6 2.9	49.4 2.9	89.98 102.19	93.21 100.89	96.01 100.22	100.00	105.57 100.97	112.65 103.74
Other	37.4 92.8	39.0 98.9	40.5 105.5	41.9 112.2	43.7 118.7	46.5	89.16 87.94	92.69 91.78	95.72	100.00 100.00	105.88 105.65	113.26 111.69
Other nonresidential equipment	55.7	58.7	61.0	64.1	65.5	126.5 67.6	89.50	92.87	95.68 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	657.1 710.6	694.6 757.9	723.1 796.6	756.3 843.8	803.1 900.5	861.7 962.2	95.50 92.72	96.56 94.55	98.17 96.99	100.00 100.00	102.63 103.19	106.03 106.24
Mobile structures	7.1 703.5	7.7 750.2	8.3 788.4	8.6 835.2	8.9 891.6	9.3 952.9	95.22 92.69	96.45 94.53	97.98 96.98	100.00 100.00	102.66 103.19	105.72 106.25
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	113.8 277.0	122.5 298.2	129.2 311.9	137.9 327.7	150.0 347.9	163.8 369.7	90.73 92.97	93.35 95.68	96.23 97.81	100.00 100.00	105.05 102.61	110.47 105.05
Other	293.3 148.0	310.2 156.2	323.7 164.1	345.1 177.5	372.4 194.3	403.5 214.5	93.50 91.75	94.61 92.61	96.46 95.07	100.00	104.39 105.89	109.11 112.60
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	1,109.2 278.1	1,148.4 281.6	1,190.2 287.5	1,229.0 299.2	1,262.0 301.9	1,270.7 295.6	98.33 102.44	98.49 101.50	99.13 100.62	100.00	100.56 99.53	101.41 99.16
Telecommunications	194.4 444.0	204.4 460.6	219.3 478.0	235.3 483.4	237.8 500.0	248.6 504.5	94.09 98.54	95.84 98.50	97.94 99.19	100.00	102.30 100.11	105.30 100.56
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	189.9 262.9	197.1 272.5	200.0 287.3	204.4 311.2	210.1 324.1	216.9 347.1	102.20 101.77	101.44 101.13	100.53 100.06	100.00	99.42 102.23	98.83 104.20
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 Other nonfarm structures 5	30.2 119.8	32.1 128.7	32.8 138.7	33.8 144.8	35.1 (152.0	36.8 156.6	98.28 92.35	99.78 95.42	99.54 98.21	100.00	100.25 101.39	101.29 103.28
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 4,789.2	5,936.8 5,170.2	6,169.1 5,383.9	6,483.0 5,663.1	6,809.7 5,933.7	7,289.6 6,317.4	93.91 93.11	95.86 95.46	97.80 97.59	100.00	102.25 102.44	104.89 105.31
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 homesimprovements	109.0 1,254.8	122.1 1,326.1	132.4 1,392.8	141.6 1,477.1	150.2 1,562.7	161.1 1,643.1	88.29 92.05	91.43 95.00	95.46 97.25	100.00	104.70 102.56	110.17 105.06
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

Excludes software "embedded" or bundled in computers and other equipment.
 Consists of office buildings, except those occupied by electric and gas utility companies.
 Consists primarily of stores, restaurants, garages, service stations, warehouses, and other buildings used for commercial purposes.
 Consists of buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.
 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]

	Billions of chained (1996) dollars		Billions of chained (1996) dollars Percent change from preceding period					Implicit price	e deflators	Percent change from preceding period					
Year and quarter	Gross domestic	Final sales of	Gross national		Final sales of	Gross domestic	Gross domestic	Gross domestic	Gross national	Chain-type	price index	Implicit price	deflators		
quato.	product	domestic product	product	Gross domestic product	domestic product	product	purchases	product	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 1961 1962	2,376.7 2,432.0	2,378.5 2,435.5	2,391.9 2,448.8 2,598.0	2.5 2.3 6.0	2.6 2.4 5.5	22.19 22.43 22.74	21.71 21.94 22.23	22.19 22.44 22.74	22.18 22.43 22.74	1.4 1.1 1.4	1.4	1.4 1.1 1.4	1.4 1.1 1.4		
1963	2,578.9 2,690.4 2,846.5	2,569.5 2,683.6 2,844.1	2,596.0 2,710.8 2,868.5	4.3 5.8	5.5 4.4 6.0	22.99 23.34	22.50 22.85	23.00 23.34	22.74 22.99 23.34	1.1 1.5	1.3 1.2 1.6	1.1 1.5	1.1		
1965 1966	3,028.5 3,227.5	3,008.5 3,191.1	3,051.7 3,248.9	6.4 6.6	5.8 6.1	23.77 24.45	23.26 23.91	23.78 24.46	23.77 24.45	1.9 2.8	1.8	1.9	19		
1967	3,308.3 3,466.1	3,288.2 3,450.0	3,330.4 3,489.8	2.5 4.8	3.0 4.9	25.21 26.29	24.61 25.66	25.21 26.30	25.21 26.29	3.1 4.3	2.8 2.9 4.3 4.9	2.9 3.1 4.3 4.9	2.9 3.1 4.3 4.9		
1970	3,571.4 3,578.0	3,555.9 3,588.6	3,594.1 3,600.6	3.0	3.1 .9	27.59 29.05	26.92 28.37	27.59 29.06	27.59 29.05	4.9 5.3	5.4	5.3	4.9 5.3 5.1		
1971 1972 1973	3,697.7 3,898.4 4,123.4	3,688.1 3,887.7 4,094.3	3,722.9 3,925.7 4,161.0	3.3 5.4 5.8	2.8 5.4 5.3	30.52 31.81 33.60	29.84 31.17 32.99	30.52 31.82 33.60	30.52 31.82 33.60	5.0 4.2 5.6	5.2 4.5 5.8	5.0 4.3 5.6	5.1 4.2 5.6		
1974	4,099.0 4,084.4	4,080.7 4,118.5	4,142.3 4,117.7	6 4	3 3	36.60	36.35 39.69	36.62	36.62 40.03	9.0 9.4	10.2 9.2	9.0 9.3	9.0		
1975 1976 1977	4,311.7 4,511.8	4,288.8 4,478.8	4,351.4 4,556.6	5.6 4.6	4.1 4.4	40.03 42.29 45.02	41.93 44.80	40.03 42.30 45.02	42.31 45.03	5.7 5.7 6.4	5.7 6.8	5.7 6.4	9.3 5.7 6.4		
1978 1979	4,760.6 4,912.1	4,722.9 4,894.4	4,805.3 4,973.9	5.5 3.2	5.5 3.6	48.22 52.24	48.02 52.26	48.23 52.25	48.24 52.26	7.1 8.3	7.2 8.8	7.1 8.3	7.1 8.3		
1980 1981	4,900.9 5,021.0	4,928.1 4,989.5	4,962.3 5,075.4	-2 2.5 -2.0 4.3 7.3	.7 1.2	57.05 62.37	57.79 63.05 66.71	57.04 62.37	57.05 62.38 66.26	9.2 9.3 6.2	10.6 9.1	9.2 9.3 6.2	9.2 9.3 6.2 4.0 3.7		
1982 1983 1984	4,919.3 5,132.3 5,505.2	4,954.9 5,154.5 5,427.9	4,973.6 5,184.9 5,553.8	4.3 7.3	7 4.0 5.3	66.26 68.87 71.44	69.05 71.46	66.25 68.88 71.44	68.89 71.45	3.9 3.7	5.8 3.5 3.5	4.0 3.7	4.0 3.7		
1985 1986	5,717.1 5,912.4	5,698.8 5,912.6	5,750.9 5,932.5	3.8 3.4	5.0 3.8	73.69 75.32	73.56 75.22	73.69 75.31	73.70 75.32	3.2 2.2	2.9 2.3 3.3	3.2 2.2 3.0	3.2 2.2		
1987	6,113.3 6,368.4	6,088.8 6,352.6	6,130.8 6,391.1	3.4 4.2 3.5	3.0 4.3 3.3	77.58 80.22	77.70 80.36	77.58 80.21	77.58 80.22 83.28	3.0 3.4] 3.4	3.0 3.4 3.8	3.2 2.2 3.0 3.4 3.8		
1989	6,591.8 6,707.9	6,565.4 6,695.6	6,615.5 6,740.0	1.8	2.0	83.27 86.53	83.45 86.85	83.27 86.51	86.53	3.8 3.9	3.8 4.1	20			
1991 1992 1993	6,676.4 6,880.0 7,062.6	6,681.5 6,867.7 7,043.8	6,703.4 6,905.8 7,087.8	5 3.0 2.7	2 2.8 2.6 3.4	89.66 91.85 94.05	89.81 92.03 94.14	89.66 91.84 94.05	89.67 91.84 94.06	3.6 2.4 2.4	3.4 2.5 2.3 2.0	3.6 2.4 2.4 2.1	3.9 3.6 2.4 2.4 2.1		
1994	7,347.7 7,543.8	7,285.8 7,512.2	7,364.3 7,564.0	2.7 4.0 2.7	3.4 3.1	96.01 98.10	96.06 98.20	96.01 98.10	96.02 98.11	2.1 2.2		ľ			
1996 1997	7,813.2 8,144.8	7,783.2 8,075.5	7,831.2 8,150.9	3.6	3.6 3.8	100.00 101.91	100.00 101.61	100.00 101.91	100.00 101.89	1.9 1.9	2.2 1.8 1.6 .7	2.2 1.9 1.9	2.2 1.9 1.9 1.2 1.5		
1998	8,495.7 8,848.2	8,420.8 8,800.5	8,487.8 8,830.8	4.3 4.2	4.3 4.5	103.11 104.55	102.35 103.86	103.11 104.61	103.09 104.59	1.2 1.4	1.5	1.2 1.5			
1959: I II	2,273.0 2,332.4 2,331.4	2,275.1 2,314.9 2,344.3	2,286.2 2,345.5 2,345.5	8.6 10.9 2	9.1 7.2 5.2	21.79 21.84 21.90	21.33 21.37 21.43	21.83 21.83 21.88	21.82 21.83 21.88	.9 .9 1.2	1.2 .9 1.1	.1 .1 .9	.1 .1 .9		
IV 1960: I	2,339.1 2,391.0	2,344.3 2,335.5 2,360.4	2,354.1 2,405.4	1.3	-1.5 4.3	21.99 22.04	21.52 21.57	21.98 22.08	21.98 22.07	1.7 .9	1.7	1.8 1.7	1.8		
	2,379.2 2,383.6 2,352.9	2,382.7 2,380.0 2,391.1	2,393.9 2,398.9 2,369.3	-2.0 .7 -5.0	3.8 5 1.9	22.14 22.23 22.33	21.66 21.76 21.86	22.15 22.23 22.30	22.15 22.23 22.29	1.7 1.8 1.8	1.8 1.8 1.9	1.4 1.5 1.2	1.8 1.3 1.5 1.1		
fV 1961: [2,366.5	2,392.9	2,383.7 2,427.1	2.3 7.7		22.36 22.40	21.88 21.91	22.35 22.40	22.34 22.39	.5 .7	į.	1.0	1.0 .8		
II III IV	2,410.8 2,450.4 2,500.4	2,418.3 2,437.7 2,493.2	2,427.1 2,467.2 2,517.5	6.8 8.4	.3 4.3 3.2 9.4	22.45 22.51	21.96 22.01	22.40 22.46 22.53	22.45 22.53	., 9 1.0	.4 .5 .9 .9	.8 1.1 1.4	1.1 1.4		
1962: I II	2,544.0 2,571.5	2,522.5 2,564.6 2,586.2		7.2 4.4	4.8 6.8	22.64 22.71	22.13 22.20	22.67 22.71	22.67 22.70	2.4 1.1	2.2 1.3 1.0	2.5 .6	2.5 .6 1.0		
III	2,596.8 2,603.3	2,586.2 2,604.6	2,615.7 2,625.1	4.0 1.0	3.4 2.9	22.77 22.84	22.26 22.34	22.76 22.83	22.75 22.83	1.1 1.4	1.0 1.4	1.0 1.3	1.0 1.3		
1963: J	2,634.1 2,668.4 2,719.6	2,619.3 2,663.9	2,654.8 2,688.2 2,739.8			22.95	22.42 22.45	22.91 22.94 22.98	22.90 22.93	.3	1.6 .4 .8	1.3 .6 .6	1.3 .6 .6		
iv	2,739.4	2,739.6		7.9 2.9	7.4 4.1	23.12			22.97 23.15	.6 2.5	2.6	3.2	3.2		
1964: I !!	2,800.5 2,833.8	2,799.3 2,833.5 2,868.3	2,823.2 2,855.7	9.2 4.8	9.0 5.0	23.20 23.27 23.39	22.72 22.79 22.90	23.22 23.28	23.22 23.27	1.4 1.2	1.5 1.3	1.2 .9	1.2 .9		
III	2,872.0 2,879.5	2,875.5	2,900.5	5.5	1	23.49	22.99	23.49	23.37 23.48	2.0 1.8	1.8 1.7	1.6 2.0	1.6 2.0		
1965:	2,950.1 2,989.9 3,050.7	2,920.2 2,973.2 3,029.4	2,974.0 3,014.6 3,073.6	10.2 5.5 8.4	6.4 7.4 7.8	23.60 23.71 23.81	23.08 23.19 23.30	23.61 23.71 23.81	23.60 23.71 23.80	1.9 1.8 1.8	1.6 1.8 1.9	2.1 1.8 1.5 2.8	2.1 1.8 1.5 2.8		
iV 1966: <u>i</u>	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				
II	3,201.1 3,213.2 3,233.6	3,165.1 3,180.0 3,205.0	3,254.7	10.3 1.5 2.6 3.5	1.9 3.2 1.2	24.33 24.57	23.59 23.81 24.03	24.13 24.32 24.58 24.79	24.12 24.32 24.58	2.4 3.8 4.0	3.8 3.7	2.6 3.3 4.3 3.5	2.6 3.3 4.3 3.5		
iv	3,261.8	i 3,214.5	J 3,283.7	1 3.5	1.2	l 24.79	24.22	24.79	24.79	l 3.5	3.3	1 3.5	ı 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]

	Pillions	of chained (1996) dollars				onally adjusted price indexes	at annual rates	·	Percent change from preceding period						
Year and	Dillotts (dollars	Percent change per	iod	Chain-type	price indexes	Implicit pric	e deliators		price index	Implicit price	· · · · · · · · · · · · · · · · · · ·			
quarter	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 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			
Il	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 II III	3,406.2 3,464.8 3,489.2 3,504.1	3,394.2 3,428.5 3,478.1 3,499.5	3,429.2 3,488.3 3,513.4 3,528.1	8.4 7.1 2.8 1.7	8.3 4.1 5.9 2.5	25.86 26.15 26.39 26.76	25.24 25.51 25.77 26.13	25.88 26.14 26.39 26.76	25.87 26.14 26.39 26.76	4.6 4.5 3.8 5.7	4.6 4.2 4.1 5.7	4.5 4.1 3.9 5.7	4.5 4.1 3.9 5.7			
1969: I II III	3,558.3 3,567.6 3,588.3 3,571.4	3,535.0 3,551.3 3,569.0 3,568.3	3,582.2 3,590.6 3,610.3 3,593.3	6.3 1.0 2.3 -1.9	4.1 1.9 2.0 1	27.02 27.39 27.79 28.15	26.37 26.73 27.11 27.46	27.03 27.39 27.79 28.15	27.03 27.38 27.79 28.15	3.9 5.5 6.0 5.3	3.8 5.6 5.8 5.3	4.1 5.3 6.0 5.3	4.1 5.3 6.0 5.3			
1970:	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			
	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			
	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			
	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:	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			
	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			
	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			
	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: l	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			
}	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			
	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			
	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: [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			
	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			
	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			
	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:	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			
	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			
	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			
V	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:	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			
	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			
	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			
	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:	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			
/	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			
	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			
	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:	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			
	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			
	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			
	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:)	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			
	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			
	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			
	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:	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			
	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			
	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			
	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			
	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			
	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			
	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]

	Billions of	of chained (1996) dollars	Percent change	from preceding	Chain-type r	orice indexes	Implicit pric	e deflators	Percent change from preceding period					
Year and		Final sales of		peri	od				<u> </u>		price index	Implicit price			
quarter	Gross domestic product	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 II IV	6,275.9 6,349.8 6,382.3 6,465.2	6,263.0 6,334.0 6,365.9 6,447.5	6,302.0 6,372.8 6,402.0 6,487.4	2.7 4.8 2.1 5.3	6.6 4.6 2.0 5.2	78.99 79.79 80.73 81.36	79.21 80.01 80.75 81.46	78.98 79.79 80.71 81.33	78.99 79.79 80.72 81.34	2.7 4.1 4.8 3.2	2.9 4.1 3.8 3.6	2.7 4.1 4.7 3.1	2.7 4.1 4.7 3.1		
1989: I II IV	6,543.8 6,579.4 6,610.6 6,633.5	6,492.7 6,542.8 6,605.8 6,620.4	6,565.6 6,599.7 6,633.4 6,663.4	5.0 2.2 1.9 1.4	2.8 3.1 3.9 .9	82.20 83.02 83.62 84.24	82.36 83.26 83.74 84.43	82.20 83.01 83.62 84.24	82.20 83.02 83.63 84.25	4.2 4.0 2.9 3.0	4.5 4.4 2.4 3.3	4.3 4.0 2.9 3.0	4.3 4.0 3.0 3.0		
1990: I III IV	6,716.3 6,731.7 6,719.4 6,664.2	6,705.8 6,697.6 6,699.2 6,680.0	6,743.6 6,760.8 6,742.6 6,713.3	5.1 .9 7 -3.2	5.3 5 .1 -1.1	85.19 86.17 87.00 87.76	85.48 86.27 87.26 88.41	85.18 86.16 86.99 87.74	85.20 86.17 87.00 87.76	4.6 4.7 3.9 3.5	5.1 3.7 4.7 5.3	4.5 4.7 3.9 3.5	4.6 4.6 3.9 3.5		
1991: I	6,631.4 6,668.5 6,684.9 6,720.9	6,652.5 6,692.5 6,689.2 6,692.0	6,667.4 6,692.1 6,704.7 6,749.4	-2.0 2.3 1.0 2.2	-1.6 2.4 2 .2	88.78 89.41 89.99 90.47	89.09 89.51 90.04 90.60	88.76 89.40 89.99 90.47	88.78 89.41 90.00 90.48	4.7 2.9 2.6 2.2	3.1 1.9 2.4 2.5	4.8 2.9 2.7 2.2	4.7 2.9 2.6 2.2		
1992: I II IV	6,783.3 6,846.8 6,899.7 6,990.6	6,788.9 6,827.1 6,882.7 6,972.4	6,811.1 6,873.8 6,923.3 7,015.1	3.8 3.8 3.1 5.4	5.9 2.3 3.3 5.3	91.16 91.68 91.98 92.56	91.25 91.81 92.26 92.81	91.16 91.67 91.97 92.55	91.15 91.67 91.97 92.55	3.1 2.3 1.3 2.5	2.9 2.5 2.0 2.4	3.1 2.3 1.3 2.5	3.0 2.3 1.3 2.5		
1993: I 11 Ilt IV	6,988.7 7,031.2 7,062.0 7,168.7	6,953.6 7,008.8 7,057.9 7,154.8	7,020.9 7,056.0 7,092.4 7,182.1	1 2.5 1.8 6.2	-1.1 3.2 2.8 5.6	93.33 93.83 94.26 94.79	93.42 93.98 94.32 94.83	93.32 93.82 94.24 94.79	93.32 93.83 94.26 94.81	3.4 2.2 1.8 2.3	2.7 2.4 1.5 2.2	3.4 2.2 1.8 2.4	3.4 2.2 1.8 2.4		
1994: [7,229.4 7,330.2 7,370.2 7,461.1	7,187.1 7,250.2 7,318.5 7,387.2	7,249.8 7,346.3 7,385.1 7,476.0	3.4 5.7 2.2 5.0	1.8 3.6 3.8 3.8	95.28 95.72 96.29 96.74	95.22 95.74 96.43 96.86	95.28 95.71 96.28 96.74	95.29 95.73 96.29 96.74	2.1 1.8 2.4 1.9	1.7 2.2 2.9 1.8	2.0 1.8 2.4 1.9	2.1 1.8 2.4 1.9		
1995: 1	7,488.7 7,503.3 7,561.4 7,621.9	7,427.3 7,469.6 7,549.7 7,602.5	7,510.2 7,528.6 7,572.3 7,645.2	1.5 .8 3.1 3.2	2.2 2.3 4.4 2.8	97.45 97.86 98.31 98.79	97.51 98.04 98.42 98.85	97.45 97.86 98.30 98.78	97.45 97.87 98.31 98.79	3.0 1.7 1.8 2.0	2.7 2.2 1.6 1.8	3.0 1.7 1.8 2.0	3.0 1.7 1.8 2.0		
1996: / II III IV	7,676.4 7,802.9 7,841.9 7,931.3	7,669.6 7,773.4 7,792.1 7,897.6	7,703.1 7,820.4 7,853.5 7,947.9	2.9 6.8 2.0 4.6	3.6 5.5 1.0 5.5	99.40 99.74 100.23 100.63	99.42 99.74 100.16 100.68	99.39 99.74 100.22 100.63	99.39 99.74 100.22 100.63	2.5 1.4 2.0 1.6	2.3 1.3 1.7 2.1	2.5 1.4 1.9 1.7	2.5 1.4 1.9 1.6		
1997: I II IV	8,018.7 8,115.4 8,192.2 8,253.2	7,966.4 8,022.7 8,132.6 8,180.3	8,025.1 8,126.7 8,196.1 8,255.7	4.5 4.9 3.8 3.0	3.5 2.9 5.6 2.4	101.33 101.77 102.11 102.44	101.25 101.44 101.73 102.03	101.34 101.78 102.10 102.42	101.32 101.75 102.08 102.39	2.8 1.8 1.3 1.3	2.3 .8 1.2 1.2	2.8 1.7 1.3 1.2	2.8 1.7 1.3 1.2		
1998: J II IV	8,391.1 8,436.3 8,515.7 8,639.5	8,285.5 8,389.5 8,439.4 8,568.7	8,396.0 8,438.2 8,492.8 8,624.4	6.9 2.2 3.8 5.9	5.2 5.1 2.4 6.3	102.68 102.96 103.30 103.51	102.01 102.21 102.48 102.72	102.62 102.93 103.31 103.57	102.59 102.91 103.29 103.55	.9 1.1 1.3 .8	1 .8 1.0 .9	.8 1.2 1.5 1.0	.8 1.2 1.5 1.0		
1999: ł II III IV	8,717.6 8,758.3 8,879.8 9,037.2	8,665.0 8,737.5 8,835.0 8,964.6	8,705.1 8,746.0 8,866.8 9,005.2	3.7 1.9 5.7 7.3	4.6 3.4 4.5 6.0	104.03 104.37 104.65 105.16	103.13 103.62 104.06 104.65	104.07 104.43 104.71 105.21	104.06 104.41 104.69 105.19	2.0 1.3 1.1 2.0	1.6 1.9 1.7 2.3	2.0 1.4 1.1 1.9	2.0 1.4 1.1 1.9		
2000: 1	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

	1999													2000				
	1998	1998	1999	11		Mari	l				0.1	No.	- Barrie					
			Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.		
	_	Consumer and producer prices, (monthly data seasonally adjusted) $^{\mathrm{1}}$																
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 Services	173.4 184.2	177.0 188.8	176.1 187.6	176.7	176.8 188.3	177.0 188.5	177.4	177.5 189.4	178.1 189.8	178.4 190.2	178.7 190.8	178.9 191.1	179.2	179.5 192.2	180.3 193.1	180.6 193.5		
Producer price index, 1982=100: Finished goods Less food and energy Finished consumer goods Capital equipment Intermediate materials Crude materials	130.7 143.7 128.9 137.6 123.0 96.8	133.1 146.1 132.1 137.6 123.2 98.2	131.6 145.6 130.1 137.5 121.1 89.6	145.7 130.9 137.6 121.9	132.3 145.8 131.0 137.7 122.3 96.7	132.4 145.8 131.3 137.5 122.7 96.9	132.7 145.7 131.7 137.3 123.5 97.1	133.5 145.8 132.7 137.4 124.1 102.1	134.6 146.7 134.1 137.6 124.7 106.8	134.6 147.0 134.0 137.9 124.9 104.2	134.7 146.9 134.2 137.8 125.2 109.6	134.9 147.0 134.4 138.0 125.6 104.2	135.0 146.7 134.5 138.1 126.3 107.4	136.4 147.2 136.3 138.1 127.3 111.9	137.7 147.4 138.0 138.3 128.5 113.9	128.4		
		Money, interest rates, and stock prices														•		
Money stock (monthly and quarterly data seasonally adjusted): ² Percent change: M1			0.65 .35		-0.49, .51	-0.15	-0.05	-0.08	-0.25 .42	0.47	0.75	1.30		-1.37	0.53			
M2 Ratio: Gross domestic product to M1 Personal income to M2	8.110 1.743	8.396 1.716			8.291 1.711	1.718	.48 1.715	.38 8.467 1.716		.35	.41 8.555 1.725	1.719	.51 1,723	8.715 1.726	.75 1.724	1.722		
Interest rates (percent, not seasonally adjusted): ² Federal funds rate	5.35 4.81 6.44 5.26 5.09 6.94 8.35	4.97 4.66 7.00 5.65 5.43 7.43 8.00	6.52 5.23 5.10 7.04	6.92	4.74 4.51 6.86 5.54 5.18 7.15 7.75	4.76 4.59 7.21 5.90 5.37 7.55 7.75		5.07 4.76 7.36 5.94 5.58 7.94 8.06	5.22 4.73 7.38 5.92 5.69 7.82 8.25	5.20 4.88 7.51 6.11 5.92 7.85 8.25	5.42 5.07 7.35 6.03 5.86 7.74 8.37	5.30 5.23 7.55 6.28 5.95 7.91 8.50	5.45 5.34 7.83 6.66 6.08 8.21 8.50	5.73 5.57 7.59 6.52 6.00 8.33 8.73	5.85 5.72 7.54 6.26 5.83 8.24 8.83	6.02 5.67 7.49 5.99 5.75 8.15 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		
			Lab	or market	s (thousa	nds, mon	thly and q	uarterly d	ata seaso	nally adju	sted, unle	ess otherv	vise 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 Females 20 and over 16–19 years of age Civilian employment Ratio, civilian employment to working-age	76.8 60.4 52.8 131,463	76.7 60.7 52.0 133,488	76.7 60.7 52.0 132,976		76.6 60.7 51.9 133,190	76.6 60.9 51.4 133,398	76.6 60.7 51.8 133,399	76.6 60.7 51.2 133,530	76.6 60.6 51.5 133,650	76.5 60.7 52.1 133,940	76.5 60.7 52.1 134,098	76.6 60.7 52.3 134,420	77.0 61.2 52.1 135,221	77.2 61.2 52.4 135,362	76.9 61.2 51.7 135,159	76.7 61.4 53.1 135,706		
population (percent) Persons engaged in nonagricultural activities Employees on nonagricultural payrolls Goods-producing industries Services-producing industries Average weekly hours, manufacturing (hours) Average weekly overtime hours, manufacturing	64.1 128,085 125,826 25,347 100,480 41.7	128,616 25,240	64.2 129,686 127,813 25,285 102,528 41.5	128,134 25,288	64.2 129,900 128,162 25,199 102,963 41.7	128,443 25,180	128,816	25,148	64.2 130,471 129,048 25,186 103,862 41.8	129,332 25,198	64.3 130,788 129,589 25,257 104,332 41.7	129,898 25,283	64.8 131,850 130,292 25,410 104,882 41.7	130,319 25,382	64.7 131,801 130,777 25,471 105,306 41.7	131,117 25,431		
(hours)	4.6 6,210	4.6 5,880	4.5 5,828	i 1	4.6 5,823	4.7 5,934	4.7 5,937	4.7 5,842	4.7 5,825	4.7 5,757	4.6 5,736	4.6 5,688	4.7 5,689	4.8 5,804	4.6 5,708	4.9 5,524		
Unemployment rates (percent): Total 15 weeks and over	4.5 1.2 14.5	4.2 1.1 13.4	4.2 1.1	4.3 1.1	4.2 1.1 13.4	4.3 1.2	4.3 1.1	4.2 1.0	4.2 1.0 13.0	4.1 1.0	4.1 1.0	4.1 1.0	4.0 1.0	4.1 0.9 12.5	4.1 0.9 12.8	3.9 0.9		
Nonfarm business sector, 1992=100: Output per hour of all persons Unit labor costs Hourly compensation	110.1 108.7 119.8	113.5 110.5 125.4			112.4 111.1 124.8			113.7 111.0 126.2	•••••••		115.6 110.2 127.4			116.3 110.6 128.7				

See footnotes at the end of the table.

Table D.1.—Domestic Perspectives—Continued

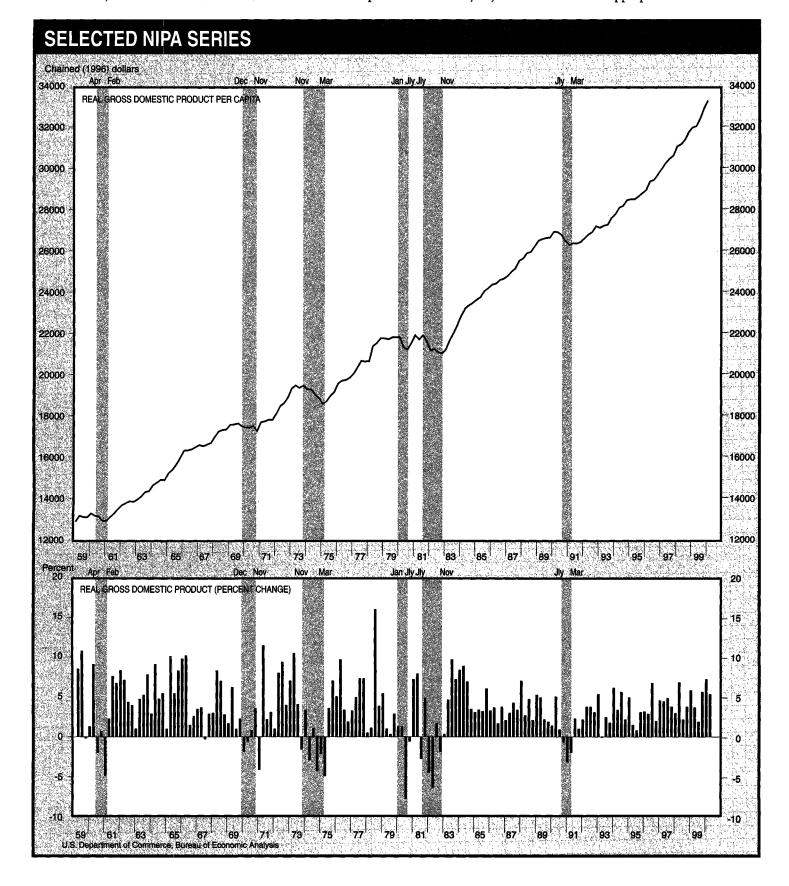
	1998	1998	1998	1998	1000	1998 1999		1999										2000			
		1999	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.					
	Construction (monthly data seasonally adjusted at annual rates) 4																				
Total new private construction put in place (billions of dollars)	520.1 294.3 181.9	547.1 321.7 183.9	555.4 323.1 189.3	547.9 322.2 184.4	546.9 321.8 184.2	546.9 320.9 182.9	546.0 320.3 183.3	541.8 319.7 181.0	540.9 320.0 180.9	544.5 322.9 181.3	550.0 326.1 183.1	557.7 330.1 185.1	565.8 337.2 185.3	581.8 339.8 200.9	343.8	583.8 340.1 203.4					
Housing starts (thousands of units): Total 1-unit structures	1,617 1,271	1,667 1,335	1,737 1,377	1,561 1,248	1,649 1,368	1,562 1,269	1,704 1,348	1,657 1,285	1,628 1,290	1,636 1,343	1,663 1,344	1,769 1,441	1,744 1,361	1,822 1,324	1,618 1,325	1,663 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 Manufacturing Merchant wholesalers Retail trade	1,085,669 456,330 291,478 337,861	460,048	1,108,353 463,578 292,488 352,287	1,110,640 463,194 292,966 354,480	1,114,258 463,742 294,356 356,160	1,118,449 462,690 295,593 360,166	1,122,570 465,043 298,467 359,060	1,126,111 464,351 299,906 361,854	1,130,313 465,669 301,510 363,134	467,522	1,144,815 469,836 306,900 368,079		1,156,942 472,706 310,368 373,868	1,162,448 475,999 312,230 374,219	1,166,278 476,216 314,476 375,586						
Sales: Total manufacturing and trade Manufacturing Merchant wholesalers Retail trade	9,352,958 4,052,248 2,555,117 2,745,593	4,259,532 2,742,482	811,873 349,065 220,492 242,316	813,894 347,568 221,975 244,351	823,553 350,624 225,938 246,991	831,141 354,702 229,134 247,305	836,625 357,301 229,508 249,816	846,499 361,844 231,625 253,030	845,425 358,709 232,968 253,748	850,386 360,201 235,226 254,959	861,000 364,971 238,540 257,489	871,172 367,872 241,672 261,628	877,271 370,565 243,213 263,493	881,157 370,865 243,128 267,164	891,250 377,108 245,592 268,550						
				Industr	ial product	ion indexes	and capa	city utilizat	ion rates (r	nonthly dat	ta seasona	lly adjusted	l) ²								
Industrial production indexes, 1992=100: Total	132.4 160.7 111.6	137.1 172.8 111.8	135.1 168.1 111.8	135.5 169.4 111.5	136.2 170.8 111.9	136.6 172.2 111.3	137.4 173.8 111.0	174.4	138.1 175.0 111.8	139.1 176.5 113.0	139.4 177.4 113.6	140.1 178.4 113.7	141.1 181.0 113.5	141.4 181.5 113.7	184.0	143.7 186.1 114.3					
Capacity utilization rates (percent): Total industry	116.2 81.8 80.9	80.6	116.7 80.5 79.6	116.5 80.4 79.5	116.8 80.5 79.7	117.0 80.5 79.6	116.8 80.7 79.7	117.6 80.6 79.7	117.1 80.6 79.7	118.2 81.0 80.2	117.6 80.9 80.3	118.1 81.1 80.3	118.8 81.4 80.7	118.8 81.3 80.6	118.9 81.7 81.0						
Č		I		Credit	market bor	rowing (bill	ons of dol	ars, quarte	erly data se	asonally a	djusted at a	annual rate	s) ²	<u>ل</u>	L	<u> </u>					
All sectors, by instrument: Total Open market paper U.S. government securities Municipal securities Corporate and foreign bonds Bank loans, n.e.c. Other loans and advances Mortgages Consumer credit	2,113.7 193.1 418.3 96.8 535.6 145.0 158.5 498.6	520.1 68.2 452.5 69.1 177.5 601.1			48.0 538.2 38.3 101.3 568.2			569.8 77.0 417.1 100.0 224.5 662.1			2194.7 556.5 527.0 47.0 90.3 75.9 191.4 590.7										
Mortgages	498.6 67.6				568.2 62.4			662.1 77.3			590.7 115.9					ŀ					

Sources: 1. Bureau of Labor Statistics 2. Federal Reserve Board

Standard and Poor's, Inc.
 Bureau of the Census
 n.e.c. Not elsewhere classified

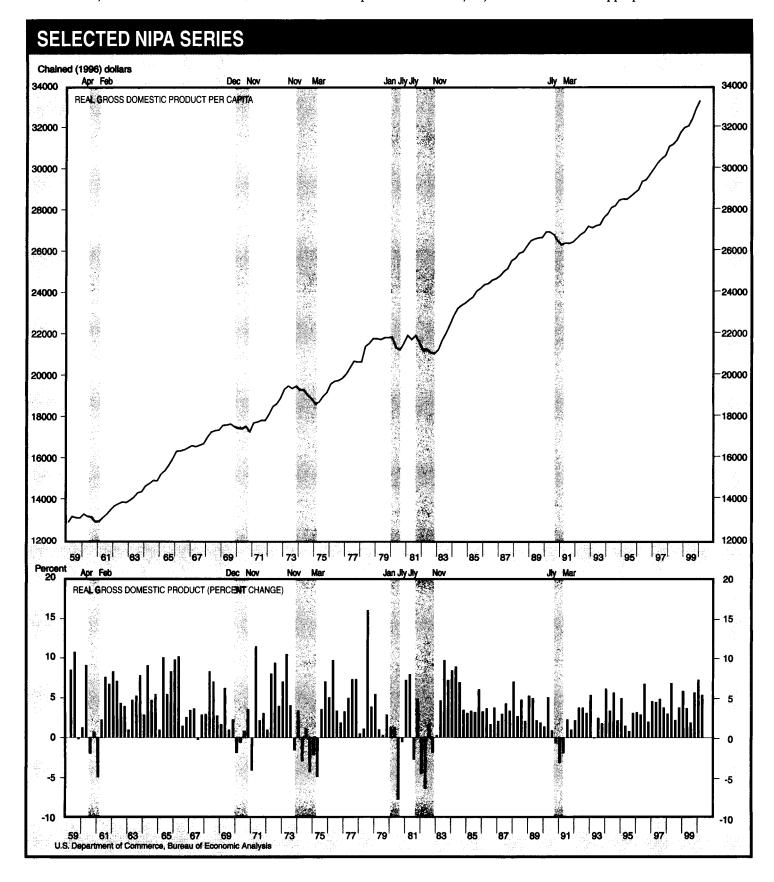
E. Charts

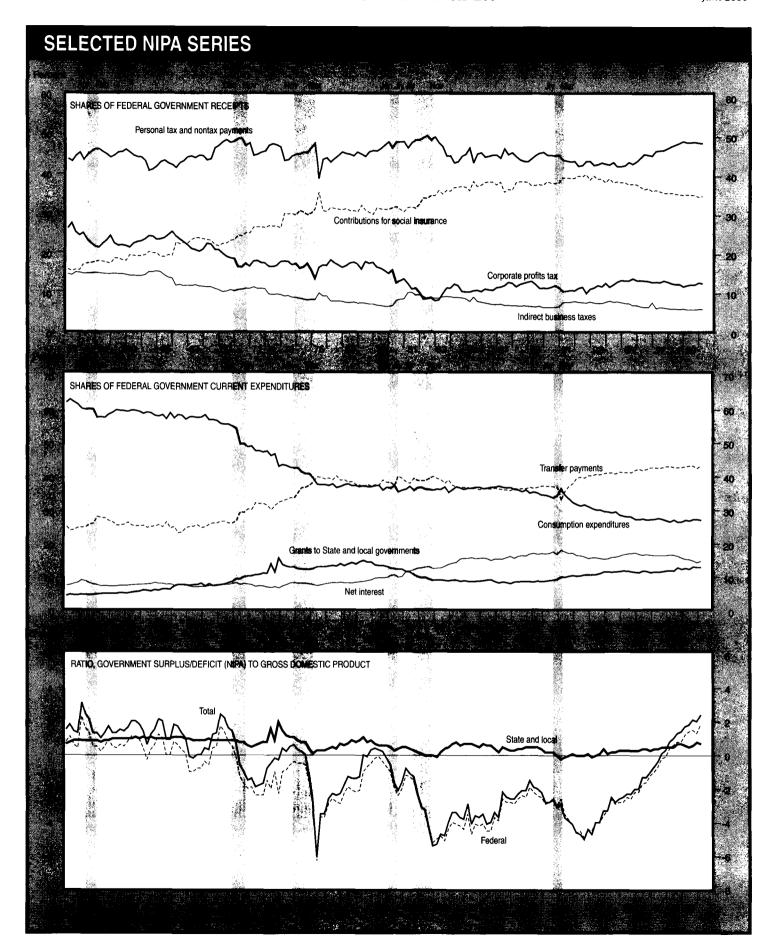
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.

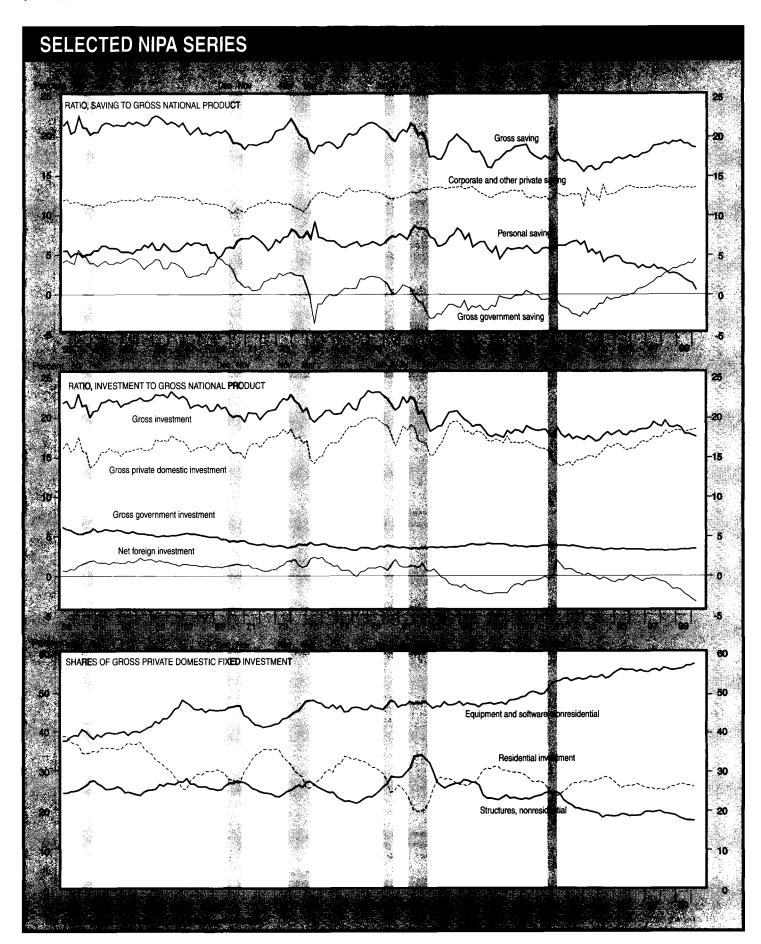


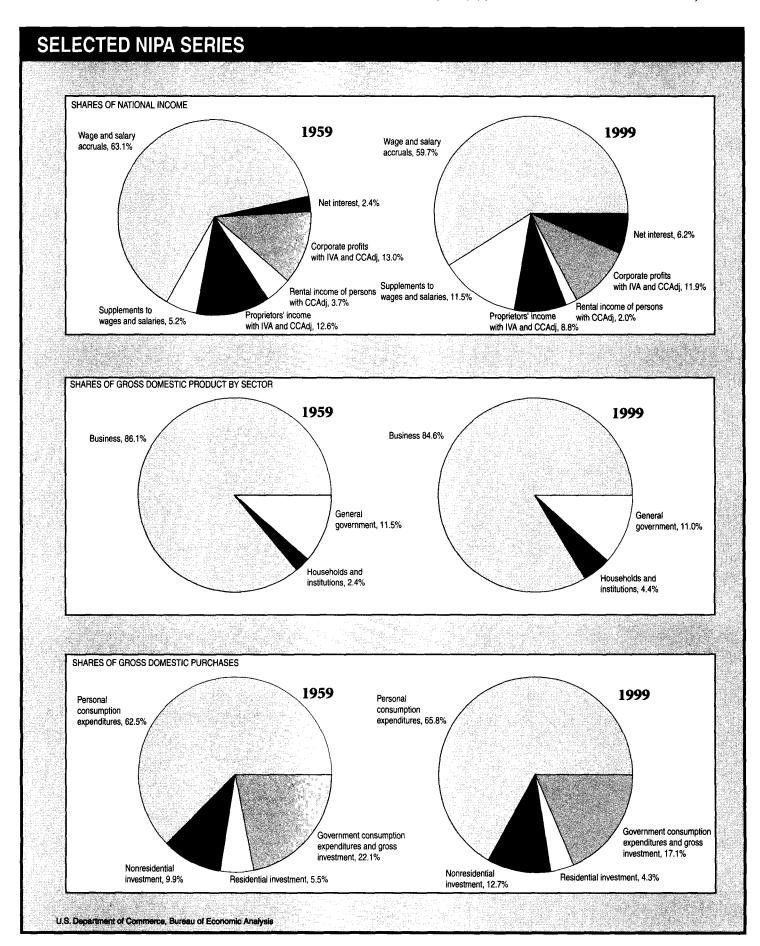
E. Charts.

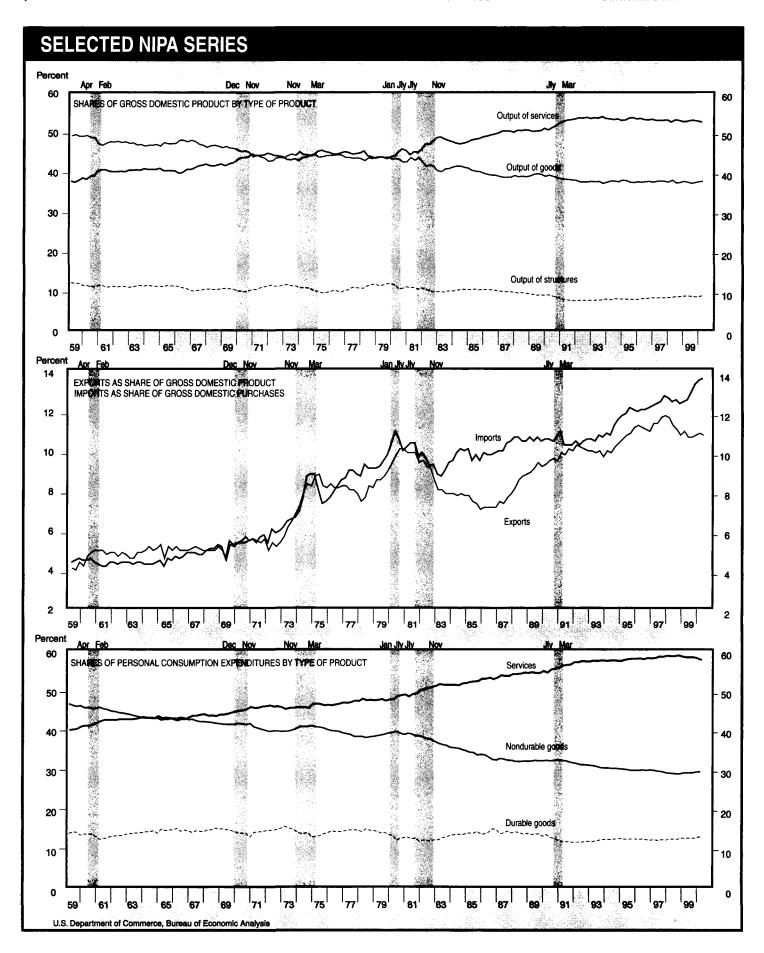
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.

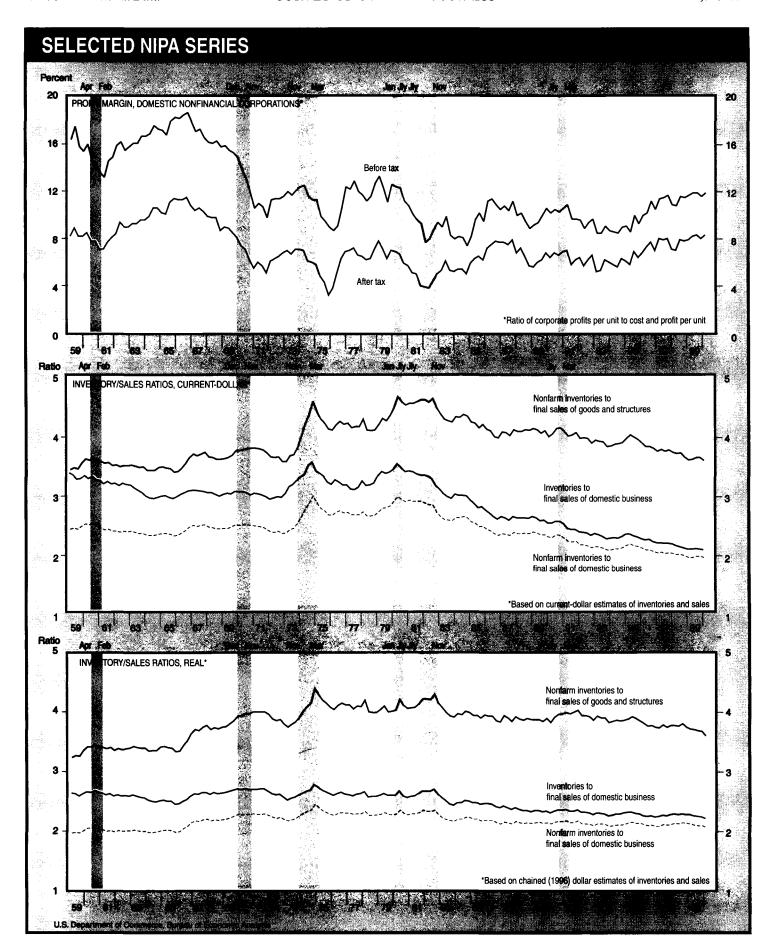


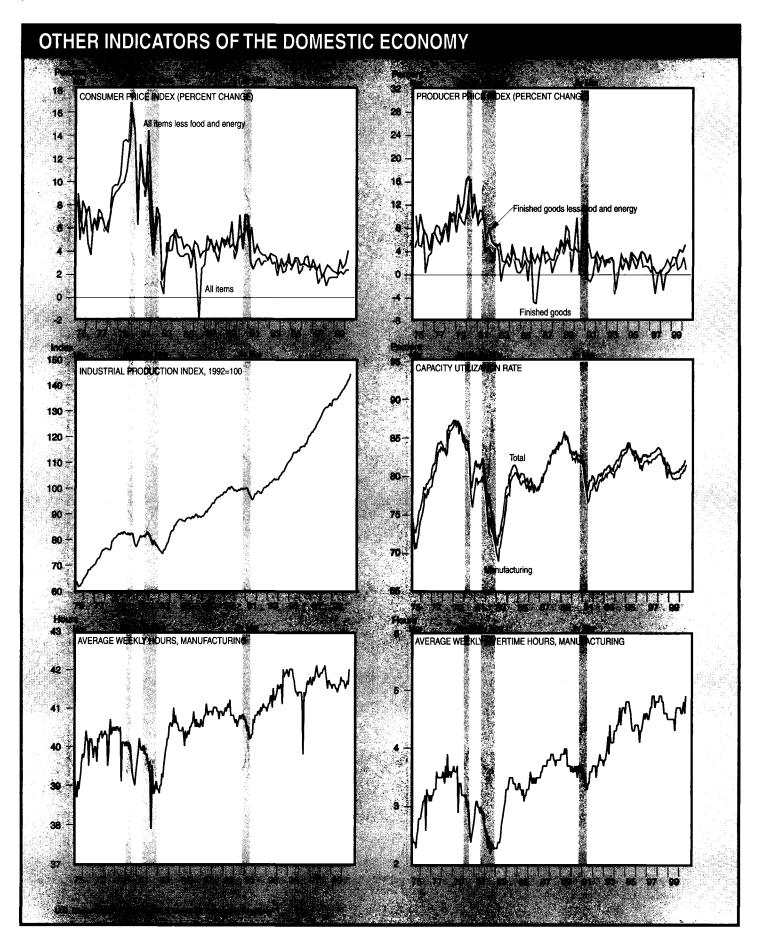


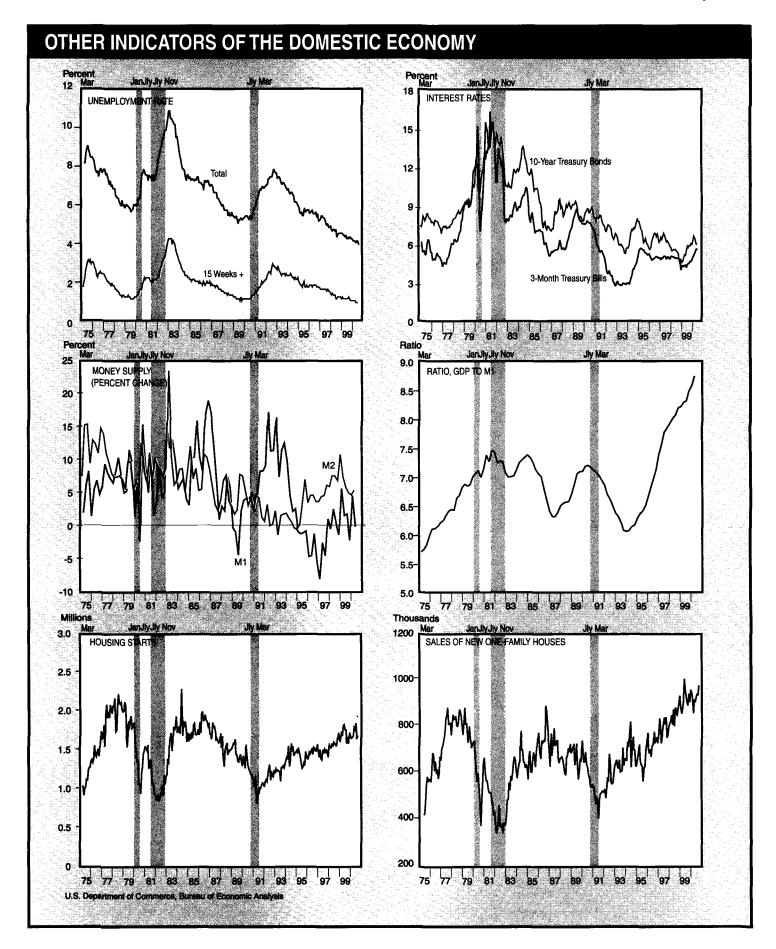












International Data

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												2000			
	1998	1999	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. '	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 Foods, feeds, and beverages Industrial supplies and materials Capital goods, except automotive Automotive vehicles, engines, and parts Consumer goods (nonfood), except automotive Other goods Adjustments 1	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
	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
	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
	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
	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
	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
	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
	–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
Travel Passenger fares Other transportation Poyalties and license fees Other private services Transfers under U.S. military agency sales contracts U.S. Government miscellaneous 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
	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
	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
	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
	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
	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
	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
	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 Foods, feeds, and beverages Industrial supplies and materials Capital goods, except automotive Automotive vehicles, engines, and parts Consumer goods (nonfood), except automotive Other goods Adjustments ¹	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
	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
	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
	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
	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
	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
	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
	5,282	5,087	213	226	271	213	277	197	468	863	514	922	753	693	860	676
Services Travel	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
	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
	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
	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
	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
	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
	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
	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
	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
	-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

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

P Preliminary.
 Revised.
 Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and

Table F.2.—U.S. International Transactions [Millions of dollars]

			, 		Net seese	the material			Cassasallu	andit to to al	
Line	(Credits +; debits -) 1	1998	1999 <i>p</i>		Not seasona				Seasonally 199		
Line	(Cleulis +, debits -)	1990	19997	1	11 1	111 '	IV P	lr.	117	y '	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 5	Services 3	263,661	277,067	65,780	66,722 4,099	73,775	70,790	67,559	68,597	69,574 4,232	71,336
6	Travel	17,155 71,250	16,688 74,448	4,340 15,809	18,271	4,232 21,976	4,017 18,392	4,340 18,130	4,099 18,429	18,611	4,017 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 7,251
8	Other transportation	25,518 36,808	27,313	6,362	6,727	6,852	7,372	6,504	6,734 9,346	6,824 9,251	7,251 9.297
10	Royalties and license fees 5 Other private services 5	92,116	37,213 99,357	9,124 25,288	9,063 23,266	9,141 25,291	9,885 25,512	9,318 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 13	Income receipts on U.Sowned assets abroad	258,324 256,467	273,856 271,972	64,508 64,038	67,082 66,611	69,723 69,252	72,543 72,071	63,936 63,466	66,765 66,294	69,929 69,458	73,225 72,753
14 15	Direct investment receipts	102,846 150,001	116,683 152,104	27,313 35,760	28,890 37,072	29,993 38,399	30,487 40,873	26,824 35,760	28,400 37,072	30,311 38,399	31,147 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 19	Imports of goods and services and income payments		-1,526,281 -1,227,636	-342,780 -275,023	-371,764 -299,857	-398,144 -322,573	-413,593 -330,183	-354,099 - 285,744	-370,921 - 299,464	-391,060 -315,842	-410,204 -326,588
20	Goods, balance of payments basis ²		-1,030,152	-230,903	-249,336	-322,373	-281,799	~238,389	-250,168	-265,623	-275,972
21	Services 3 Direct defense expenditures		-197,484	-44,120	-50,521	-54,459	-48,384	-47,355	-49,296	-50,219	-50,616
22		1	-14,604	-3,503	-3,593	-3,808	-3,700	-3,503	-3,593	-3,808	-3,700
23 24	Travel Passenger fares	-56,105 -19,797	-60,092 -21,305	-12,543 -4,691	-16,063 -5,711	-18,425 -6,044	-13,061 -4,859	-14,815 -5,112	-14,929 -5,314	-14,957 -5,362	-15,391 -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 27	Royalties and license fees 5	-11,292 -47,670	-12,437 -51,591	-3,162 -11,985	-3,073 -13,062	-2,946 -13,191	-3,256 -13,353	-3,174 -12,335	-3,195 -13,166	-2,985 -13,183	-3,083 -12,908
28	U.S. Government miscellaneous services	-2,849	-2,955	-682	-729	-786	-13,353 -758	-682	-729	-786	-758
29 30 31 32 33 34	Income payments	-270,529 -263,423	-298,645 -291,158	-67,757 -66,024	-71,907 -70,138	-75,571 -73,612	-83,410 -81,384	-68,355 -66,495	-71,457 -69,602	-75,218 -73,345	-83,616 -81,717
31	Income payments on foreign-owned assets in the United States	-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 -91,119	-137,777 -95,131	-31,759 -22,669	-31,960 -23,155	-35,430 -24,147	-38,628 -25,160	-31,759 -22,669	-31,960 -23,155	-35,430 -24,147	-38,628 -25,160
	Compensation of employees	•	-7,487	-1,733	-1,769	-1,959	-2,026	-1,860	-1,855	-1,873	-1,899
35 36 37 38	U.S. Government grants 4	-44,075 -13,057	-46,581 -12,825	-10,420 -2,200	- 10,744 -2,760	-11,218 -2,727	-14,199 -5,138	-10,306 -2,200	-11,1 75 -2,760	-11,208 -2,727	-13,892 -5,138
37	U.S. Government grants ⁴ U.S. Government pensions and other transfers Private remittances and other transfers ⁶	-4,350 -26,668	-4,396 -29,360	-893 -7,327	-857 -7,127	-1,005 -7,486	-1,641 -7,420	-1,065 -7,041	-1,075 -7,340	-1,075 -7,406	-1,181 -7,573
30	Capital and financial account	-20,000	-29,300	-1,321	-1,121	-1,400	-1,420	-7,041	-7,340	-7,400	-7,573
	Capital account	ļ			Ì	1]	İ			
39	Capital account transactions, net	617	-172	166	178	175	-691	166	178	175	-691
40	Financial account U.Sowned 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		8.749	4,068	1,159	1,950	1,572	4,068	1,159	1,950	1,572
42 43	Gold 7	l	12	563	-190	-185	-176	563	-190	-185	-176
44	Special drawing rights	-5,118	5,485	3	1,413	2,268	1,801	3	1,413	2,268	1,801
45 46	U.S. Government assets, other than official reserve assets, net		3,252 -365	3,502 119	-64 -392	-133 -686	-53 594	3,502 119	-64 -392	-133 -686	-53 594
47 48	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 1,765
49	Repayments on U.S. credits and other long-term assets 8	145	6,223 -465	1,545 -122	1,887 -112	1,026 -117	1,765 -114	1,545 -122	1,887 -112	1,026 -117	-114
50 51	U.S. private assets, net	-285,605 -132,829	-380,951 -152,152	-22,933 -44,983	-156,811 -32,897	-115,361 -48,065	-85,846 -26,207	-19,581 -41,631	-155,726 -31,812	-114,652 -47,356	-90,988 -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 54	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-25,041 -24,918	-69,493 -61,424	-13,853 27,771	-16,816 -42,519	-24,066 -8,799	-14,758 -37,877	-13,853 27,771	-16,816 -42,519	-24,066 -8,799	-14,758 -37,877
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))		1 '	88,636	275,220	208,798	178,111	88,968	274,379	207,735	179,686
56 57	Foreign official assets in the United States, net	-3.625	44,570 32,423	4,708 6,793	-628 -916	11,881 14,798	28,609 11,748	4,708 6,793	-628 916	11,881 14,798	28,609 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
58 59 60	U.S. Treasury securities ⁹ Other ¹⁰ Other U.S. Government liabilities ¹¹	6,332 -3,113		5,993 -1,594	5,792 -647	1,835 -1,070	6,730 -387	5,993 -1,594	5,792 -647	1,835 -1,070	6,730 –387
61 62	U.S. liabilities reported by U.S. banks, not included elsewhere	-11,469	14,937 908	-589 98	1,437 -502	-2,032 185	16,121 1,127	-589 98	1,437 -502	-2,032 185	16,121 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 65	Direct investment	I 193.375		22,725 -8,781	155,322 -5,407	61,904 9,639	42,556 -17,207	23,057 -8,781	154,481 -5,407	60,841 9,639	44,131 -17,207
65 66 67	U.S. Treasury securities U.S. securities other than U.S. Treasury securities U.S. currency	1 16 600	325,913	61,540 2,440	79,067 3,057	94,573 4,697	90,733 12,213	61,540 2,440	79,067	94,573	90,733
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	3,057 8,871	4,697 3,475	12,213 -3,123
69 70	U.S. liabilities reported by U.S. banks, not included elsewhere	40,731		-14,184 -10,488	34,938	22,629	24,330	-14,184	34,938	22,629	24,330
70 70a	Statistical discrepancy (sum of above items with sign reversed) Of which seasonal adjustment discrepancy	10,126		-10,488	-39,103	4,178	6,305	-4,838 5,650	-38,441 662	-5,437 -9,615	9,606 3,301
7.	Memoranda:	ł	ł	67.550	90,000	ł	l	i	04.505		
71 72	Balance on goods (lines 3 and 20) Balance on services (lines 4 and 21) Balance on goods and services (lines 2 and 19)	82,650	79,583	-67,559 21,660	-80,883 16,201	-101,304 19,316	-97,385 22,406	-74,381 20,204	-84,591 19,301	-91,943 19,355	-96,216 20,720
73 74	Balance on goods and services (lines 2 and 19)	-164,282 -12,205	-267,548 -24,789	-45,899 -3,249	-64,682 -4,825	-81,988 -5,848	-74,979 -10,867	-54,177 -4,419	-65,290 -4,692	-72,588 -5,289	-75,496 -10,391
75 76	Balance on income (fines 12 and 29) Unilateral current transfers, net (line 35) Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) 13	-44,075	-46,581	-10,420	-10,744	-11,218	-14,199	-10,306 -68,902	-11,175 -81,157	-11,208 -89,085	-13,892
/6	Datance on current account (lines 1, 18, and 35 of lines /3, /4, and /5) 13	-220,562	-338,918	-59,568	-80,251	-99,054	-100,045	-08,902	<u>−</u> 81,157	-59,085	-99,779

P Preliminary.

7 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. daims).

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).

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 Suprver.

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]

							1		the state of the s			(1.2	15
	<u>.</u>	W	estern Europ	ре ————————————————————————————————————	Eu	ropean Union			United Kingdon	n 	Europ	pean Union (6)	1.5
Line	(Credits +; debits -) ¹		1999			1999			1999			1999	
		11	1117	IV <i>P</i>		1117	IV P	1 1	IIIr	IV P	It	III.	IV P
	Current account												
1 2	Exports of goods and services and income receipts Exports of goods and services	92,875 64,038	93,990 64,000	99,857 68,600	83,763 58,246	84,607 57,919	89,092 61,875	26,166 16,106	26,958 16,261	28,064 16,669	43,857 32,026	44,543 32,016	46,800 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 6	Transfers under U.S. military agency sales contracts ⁴ Travel	1,025 5,784	1,234 7,119	942 6.037	592 5,306	777 6,521	714 5,532	97 1,975	85 2,208	104 2,097	150 2,424	319 3,268	259 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 9	Other transportation	1,785	1,875	2,013	1,551	1,630	1,750	391	412	454	744	806	860
10	Royalties and license fees 5	4,477 9,001	4,417 9,497	4,810 9,885	4,220 7,997	4,157 8,323	4,514 8,714	837 2,929	885 3,059	967 3,204	2,436 3,791	2,362 4,012	2,603 4,129
11	U.S. Government miscellaneous services	45	39	43	40	34	36	9	9	6	16	18	25
12 13	Income receipts	28,837 28,800	29,990 29.953	31,257 31,220	25,517 25,483	26,688 26,654	27,217 27,183	10,060 10,042	10,697 10,679	11,395 11,377	11,831 11,817	12,527 12,513	12,329 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 16	Other private receipts	15,760 . 126	16,926 222	17,772 151	14,331 110	15,306 178	15,871 116	6,728	7,337	7,479 21	5,609 93	5,957 102	6,324
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 20	Imports of goods and services	-74,157 50,404	-77,342	-78,867 50.746	-67,146 -47,919	-69,199 48,970	-69,800	-16,250	-16,764	-16,414	-39,500	-40,175	-41,076 -33,021
21	Goods, balance of payments basis ²	-52,424 -21,733	-54,289 -23,053	-59,746 -19,121	-47,919 -19,227	-20,229	-53,102 : -16,698	-9,612 -6,638	-9,940 -6,824	-10,379 -6,035	-29,920 -9,580	-30,255 -9,920	-33,021 -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 -3,154	-6,861 -3,266	-3,835 -2,214	-5,568 -2,831	-6,095 -2,949	-3,440 -1,993	-1,601	-1,660	-1,228 -812	-2,861	-3,022	-1,650 -833
24 25	Passenger fares Other transportation	-2,714	-3,052	-2,999	-2,248	-2,552	-2,505	-1,202 -581	-1,217 -701	-687	-1,190 -1,102	-1,218 -1,207	-1,214
26 27	Royalties and license fees 5	-1,942	-1,821	-2,074	-1,626	-1,516	-1,693	-477	-372	-410	-897	-903	~871
27 28	Other private services 5	-5,373 -288	-5,551 -305	-5,631 -301	-4,931 -248	-5,082 -264	-5,166 -259	-2,571 -24	-2,671 -25	-2,694 -29	-1,877 -163	-1,901 -193	-1,934 -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	-36,255	20 700	41.054	-33,035	-35,598	27.260	10 500	10.001	01.000			10.114
31	United States Direct investment payments	-10,028	-38,790 -10,329	-41,354 -11,256	-33,035 -9,056	-35,596 -9,626	-37,360 -9,906	-18,529 -2,560	-19,831 -2,776	-21,066 -2,935	-11,926 -5,550	-13,273 -6,023	-13,114 -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 34	U.S. Government payments	-9,981 -76	-10,190 -72	-10,461 -83	-9,230 -63	-9 ,406 -60	-9,655 -66	-5,186 -20	-5,330 -20	-5,536 -22	-3,024 -38	-3,090 -35	-3,161 -37
35	Unilateral current transfers, net	66	-85	-24	345	311	333	417	428	438	151	116	125
35 36 37	U.S. Government grants 4	-100 -329	-230 -338	-164 -389	-297	-297	-303	-50	-52		-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												
20	Capital account		••	ا م				40	40	40			
39	Capital account transactions, net Financial account	37	38	-13	34	35	35	12	12	12	16	17	17
40	U.Sowned assets abroad, net (increase/financial outflow												
	(-))	-1 43,513 348	-55,114	-13,796	-119,750	-43,722	-16,583	-104,891	-21,994	4,266	-18,111	-21,247	-22,993
41 42	U.S. official reserve assets, net	348	-103	-63	-159	-67	-46		***************************************	***************************************			
43	Special drawing rights		***************************************				***************************************		***************************************				
44 45	Reserve position in the International Monetary Fund Foreign currencies	348	-103	-63	-159	-67	-46	***************************************		***************************************			
46	U.S. Government assets, other than official reserve assets,												
47	netU.S. credits and other long-term assets	61 -36	87 -197	79 -152	9 -29	-16 -196	139 -13	-2	-4	134	6	-7	-13
48	Repayments on U.S. credits and other long-term	1		l	i I			***************************************		***************************************	***************************************		***************************************
49	u.S. foreign currency holdings and u.S. short-term	91	288	255	35	190	169		***************************************	136	***************************************		
	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
50 51 52 53	Direct investment	-8,262 -49,590	-30,538 -12,406	-13,112 4,599	-8,218 -51,891	-29,011 -13,512	-6,333 3,704	-9,303 -46,591	-20,548 -6,489	892 67	1,712 -8,034	-7,020 -8,687	-5,980 3,825
53	U.S. claims on unaffiliated foreigners reported by U.S.	1		,,			-,		,	•			5,525
54	u.S. claims reported by U.S. banks, not included	-7,476	-1,983	***************************************	-6,161	-2,901	***************************************	-8,520	7,058		1,107	-10,459	***************************************
	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) (17)	(17)	(18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18)
59	Other 10	(17)	(17)	402 (17) (17) (17)	(18)	(18)	(18)	18	(18)	(18)	(18)	(18)	(18) (18) (18) (18) 97
56 57 58 59 60 61	Other U.S. Government liabilities 11	-4 73	– 483́	-21	− 202	- 162	` 35	` 94	` 8ó	`9 9	`49	-97	`97
	U.S. liabilities reported by U.S. banks, not included elsewhere	(17) (17)	(17)	(17) (17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
62	elsewhere		(17)		(18)	(18)	(18) (18)	(18)	(18)	(18)	(18)	(18)	(18) (18)
63	Other foreign assets in the United States, net	201,316 140,447	121,185	75,199 30,936	(¹⁸) 141,856	36,632	(¹⁸) 28,808	(18) 79,370	(18) 18,880	(18) 9,258	(18) 62,635	(18) 13,238	(18) 15,971
65	U.S. Treasury securities	(17)	38,748 (17)	1 /17\	(18)	(18)	(18)	(18)	(18)	[(18)	(18)	(18)	(18)
63 64 65 66 67	U.S. Treasury securities 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
68	U.S. currency	***************************************				***************************************	***************************************		***************************************	***************************************	***************************************	120120111111111111111111111111111111111	***************************************
	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				1				ļ .				
	reversed)	-30,586	-42,775	-41,321	-31,344	-49,871	-37,787	-510	-39,002	-19,377	-35,972	-5,521	-9,672
71	Memoranda: 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 74	Balance on goods and services (lines 2 and 19)	-10,119 -7,494	-13,342 -8,872	-10,267 -10,180	-8,900 -7,581	-11,280 -8,970	-7,925 -10,209	-144 -8,489	-503 -9,154	255 -9,693	-7,474 -133	-8,159 -781	-6,605 -822
75	Balance on income (lines 12 and 29)	66	-0,072 -85	-24	345	311	333	417	428	438	-133 151	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	1	-19,939	-17,801	-8,216	-9,229	-9,000	-7,456	-8,824	-7,302
	r-, alu r-)	-11,541	-22,235	-20,4/1	-16,136	-13,333	-17,001	-0,210	-3,223	I -3,000	L -1,430	-0,024	-1,302

^{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.

7. At the present time, all U.S. Treasury-owned gold is held in the United States.

8. Includes sales of foreign obligations to foreigners.

^{9.} Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible

^{9.} Others of ones, certificates, manerate bords and mises, and formances and mises, and formances.

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 Quarter and Year 1999" in the April 2000 issue of the SURVEY.

Table F.3.—U.S. International Transactions, by Area—Continued [Millions of dollars]

\neg		F	store Europe		S OI GUIIA			Latin America	and Other We	atora Hami		base	
		Ea	stern Europe			Canada		Latin America	sphere	stern Hemi-		Japan 1999	
Line	(Credits +; debits -) ¹		1999			1999			1999		I	1999	
		II.	1117	ĮV <i>P</i>	11	1117	IV <i>₽</i>	II	IN.	IV P	Н	111 "	IV P
	Current account												
1 2	Exports of goods and services and income receipts Exports of goods and services	2,770 2,273	3,240 2,568	3,136 2,407	53,800 48,257	50,894 45,165	54,945 49,008	62,330 46,284	65,485 49,328	70,735 53,371	23,678 21,152	25,206 22,735	25,333 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 5	Services ³	969 81	1,107 101	1,054 98	5,400 34	5,468 25	5,158 29	12,224 135	13,763 105	13,798 157	7,824 173	9,145 203	8,410 282
6	Travel	319	385	346	1,808	1,687	1,336	4,897	5,831	5,525	2,231	2,949	2,250
7 8	Passenger fares Other transportation	44 105	41 97	45 94	363 627	378 625	350 652	1,375 874	1,652 889	1,570 970	872 817	1,115 804	926 855
9	Royalties and license fees 5 Other private services 5	66 344	69 400	70 391	400	439 2,291	482 2,293	672 4,193	670	734 4,801	1,596 2,125	1,685	1,777 2,312
11	0.5. Government miscellaneous services	10	14	10	2,147 21	23	16	78	4,575 41	41	10	2,376 13	8
12 13	Income receipts	497 495	672 670	729 727	5,543 5,524	5,729 5,709	5,937 5,917	16,046 16,008	16,157 16,122	17,364 17,330	2,526 2,523	2,471 2,468	1,932 1,928
14 15	Direct investment receipts Other private receipts	13 472	155 467	198 500	2,831 2,693	3,031 2,678	3,030 2,887	5,127 10,754	4,918 11,122	4,720 12,510	871 1,667	1,083 1,368	952 975
16 17	U.S. Government receipts Compensation of employees	10	48	29 2	19	20	20	127 38	82 35	100	-15 3	17	1
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 21	Goods, balance of payments basis ²	-3,096 -902	-2,855 -1,022	-3,334 -610	-50,096 -4,168	-49,447 -5,262	-53,695 -3,615	-41,166 -8,413	-44,672 -8,824	-45,953 -8,630	-30,849 -4,354	-33,464 -4,433	-35,843 -4,633
22	Direct defense expenditures	-47	-42	-45	-16	-23	-20	-76	-64	-59	-378	-330	-330
23 24	TravelPassenger fares	-458 -141	-560 -157	-239 -84	-1,526 -189	-2,637 -240	-1,032 -125	-3,909 -713	-4,305 -791	-4,221 -738	-795 -227	-691 -225	-743 -238
25 26	Other transportation	-71 -3	-75 -3	-62 -4	-822 -114	-825 -118	-835 -119	-620 -64	-643 -58	-718 -60	-1,193 -687	-1,382 -661	-1,419 -697
26 27 28	Royalties and license fees 5 Other private services 5 U.S. Government miscellaneous services	-163 -19	-161 -24	-159 -17	-1,447 -54	-1,355 -64	-1,418 -66	-2,899 -132	-2,824 -139	-2,684 -150	-1,039 -35	-1,111 -33	-1,185 -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 31	Income payments on foreign-owned assets in the United States Direct investment payments	-397 -4	-401 -5	-426 -1	-2,586 -1,239	-1,494 20	-2,701 -1,046	-11,960 -492	-12,765 -372	-14,358 -572	-9,017 -1,768	-9,586 -1,566	-11,191 -2,622
32 33	Other private payments	-91 -302	-96 -300	-116 -309	-1,099 -248	1,192 322	-1,288 -367	-8,941 -2,527	-9,619 -2,774	-10,868 -2,918	-2,118 -5,131	-2,470 -5,550	-2,645 -5,924
34	Compensation of employees	-16 -871	-15 -874	-20 -811	-76 -145	-75 -169	-81 - 155	-1,482 -3,445	-1,695 -3,575	-1,666 -3,657	-16 -53	-14 -75	-23 - 35
35 36 37	U.S. Government pensions and other transfers	-442	− 456	-409				-421	-445	-422		,	
38	Private remittances and other transfers	-11 -418	-13 -405	-10 -392	-121 -24	-121 -48	-128 -27	-156 -2,868	-167 -2,963	-211 -3,024	-25 -28	-27 -48	-23 -12
	Capital and financial account Capital account					ł I	·						
39	Capital account transactions, net	6	6	7	36	40	40	59	54	-766	6	6	6
40	Financial account U.Sowned 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 42	U.S. official reserve assets, net						************				-412	-30	10
43 44	Special drawing rights						*************						
45	Foreign currencies		-118	-105				87	132	847	-412 30	-30 -9	10 -13
46 47	U.S. Government assets, other than official reserve assets, net U.S. credits and other long-term assets	I -1.138	-139	-109		************		-401	-233	-169			-13
48 49	Repayments on U.S. credits and other long-term assets 8 U.S. foreign currency holdings and U.S. short-term assets, net	1,086 -5	22 -1	8 -4				497 -9	362 3	1,029 -13	30	-9	-13
50 51	U.S. private assets, net	679 -301	-484 -98	29 -112	4,023 -6,860	-6,505 -3,142	-5,862 -5,311	-16,443 -9,663	-36,118 -3,805	-33,341 -2,200	7,987 <i>–</i> 730	-14,652 -2,082	-19,607 -592
52 53	Foreign securities	-118	-7	-71	166	-4,572	-2	-9,713	-11,013	5,428	-5,357	-9,648	-18,006
54	U.S. claims reported by U.S. banks, not included elsewhere	11 1,087	-132 -247	212	1,212 9,505	51 1,158	-549	-8,553 11,486	-17,415 -3,885	-3,100 -33,469	-955 15,029	-3,526 604	-1,009
55	Foreign-owned assets in the United States, net (increase/ financial inflow (+))	-2,632		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)	(18) (18)	-598	328	-682	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)
56 57 58 59 60	U.S. Government securities	(18) (18) (18) (18)	(18) (18)	(18)	(17)	(17)	(17)	(18)	(18) (18)	(18) (18)	(18) (18)	(18)	(18)
59 60	Other U.S. Government liabilities 11	141	1 112	126	1 12	l `-é	<u>-</u> 11	-25	-23 (18)	`2Ó l	- <u>-</u> 52	(18) -13	(18) -278
61 62	U.S. liabilities reported by U.S. banks, not included elsewhere Other foreign official assets 12	(18)	(18) (18)	(18) (18)	(17) (17)	(17)	(17) (17)	(18) (18)	(18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)
63 64	Other foreign assets in the United States, net	(18)	(¹⁸)	(18) 705 (18)	10,764 7,099	9,040 3,075	9,325 3,775	(18) 1,642	(¹⁸) 12,580	(18) 1,322	(18) 4,827	(¹⁸) 5,387	(18)
65	U.S. Treasury securities	(¹⁸)	(18) -97	(18)	(17) -306	250	(17)	(18) 22,921	(18)	(18) 15,085	(¹⁸) 3,508	12,272	5,593 (18) 8,255
66 67	U.S. securities other than U.S. Treasury securities	-140	-97		-306	250			14,298	15,005	3,300	12,212	0,233
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 70	U.S. liabilities reported by U.S. banks, not included elsewhere Statistical discrepancy (sum of above items with sign reversed)	(18)-2,561 4,516	(18)-82 2,301	(¹⁸)3,284 -2,013	(17) -10,954	(17) 2,650	(17) 2,481	(18)43,682 -37,388	(18)9,493 7,278	(18)12,311 5,151	(18)–334 8,145	(18)10,419 ¹ 8,755	(18)5,134 27,292
	Memoranda:			-1,981	1	-9 ,750	'	-7.106		-6,380	·	·	
71 72	Balance on goods (lines 3 and 20) Balance on services (lines 4 and 21)	67	85	444	-7,239 1,232	206	-9,845 1,543	3,811	-9,107 4,939	5,168	-17,521 3,470	-19,874 4,712	-20,852 3,777
73 74	Balance on goods and services (lines 2 and 19)	-1,725 84	-1,309 256	-1,537 283	-6,007 2,881	-9,544 4,160	-8,302 3,155	-3,295 2,604	-4,168 1,697	-1,212 1,340	-14,051 -6,507	-15,162 -7,129	-17,075 -9,282
75 76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and	1	-874	-811	-145	-169	-155	-3,445	-3,575	-3,657	53	-75	-35
	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
	Consists of investments in IIS cornerate stocks and in dobt seem	70											t by financial

12. Consists of investments in U.S. corporate stocks and in debt securities of private corporations and State and local governments.

 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]

			Australia		Other cou	ntries in Asia a	nd Africa		nal organization	ns and
Line	(Credits +; debits -) 1		1999			1999			inallocated 16	
	, , , , , , , , , , , , , , , , , , , ,	11	m.	IV <i>P</i>	II	mr.	IV <i>P</i>	=	1999	[VP
	Current account									
1 2	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 1,206
3	Exports of goods and services	4,102 2,758	4,358 2,951	4,662 3,271	47,922 33,973	51,278 35,806	52,549 38,408	1,147	1,153	1,206
4	Services 3	1,344	1,407	1,391	13,949	15,472	14,141	1,147	1,153	1,206
5 6	Transfers under U.S. military agency sales contracts ⁴	95 416	97 429	65 436	2,556 2,816	2,467 3,576	2,444 2.462			
7 8	Passenger fares	154 86	163 91	143	493 2,286	632 2,336	427 2,553	147	135	144
9	Other transportation	187	194	212	1,174	1,170	1,263	491	497	537
10 11	Other private services 5	405 1	431 2	440 4	4,542 } 82 {	5,200 91	4,865 127	509	521	525
	Income receipts	1,356	1,243	1,449	6,008	7,269	7,482	6,269	6,192	6,393
12 13 14 15	Income receipts on U.Sowned assets abroad	1,354 585	1,241 566	1,447 772	5,991 3,367	7,251 4,334	7,463 4,314	5,916 3,182	5,838 3,101	6,039 3,204
15 16	Other private receipts	769	675	675	2,414 210	2,617 300	2,896 253	2,543 191	2,546 191	2,658 177
16 17	Compensation of employees	2	2	2	17	18	19	353	354	354
18 19	Imports of goods and services and income payments	- 2,475 -2,176	-2,858 - 2,366	-2,978 -2,238	-87,337 - 79,916	-100,112 -92,317	-100,521 -92,192	2,870 564	-2,946 -569	-3,011 -573
20	Goods, balance of payments basis 2	-1,372	-1,446	-1,371	-70,333	-81,941	-81,857			
21 22	Services ³ Direct defense expenditures	-804 -8	-920 -10	-867 -10	-9,583 -998	-10,376 -1,142	-10,335 -1,169	-564	-569	-573
23	Travel	-310	-417	-316	-2,873	-2,954	-2,675		***************************************	
24 25	Passenger fares	-141 -47	-150 -51	-190 -53	-1,146 -2,525	-1,215 -2,933	-1,270 -3,031		-298	-280
26	Royalties and license fees 5	-10	_9	-10	-73	-100	-99	-180	-176	-193
27 28	Other private services 5	-277 -11	-268 -15	-278 -10	-1,778 -190	-1,826 -206	-1,898 -193	-86	-95	-100
29 30	Income payments	-299 -297	-492 -490	-740 -738	-7,421 -7,320	-7,795 -7,709	-8,329 -8,178	-2,306 -2,306	-2,377 -2,377	-2,438 -2,438
31	Direct investment payments	-44	-172	-412	-3	-208	-208 -2.892	-1,445	-1,403	-1,479
32 33	Other private payments	-8 1 i	-235 -83	-228 -98	-2,438 -4,879	-2,582 -4,919	-5,078	-855 -6	-965 -9	-954 .−5
34 35	Compensation of employees	-2 -36	-2 -40	-2 -37	-101 -3,569	-86 - 3,716	-151 - 6,140	-2,691	-2,684	-3,340
36 37	U.S. Government grants 4 U.S. Government pensions and other transfers	-10		-9	-1,423	-1,264	-3,875	-374	-332	-268 -746
38	Private remittances and other transfers 6	-26	-10 -30	-28 {	-121 -2,025	-119 -2,333	-125 -2,140	-84 -2,233	-210 -2,142	-2,326
	Capital and financial account				1	j			1	
39	Capital account transactions, net	2	2	2	32	29	33			
0.5	Financial account	-	-	- 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					***************************************
40	U.Sowned assets abroad, net (increase/financial outflow (-))	-4,709	5,061	-1,995	-2,172	-6,324	3,002	-1,544	64	-12,849
41 42 43	U.S. official reserve assets, net		***************************************	***************************************	***************************************	***************************************	***************************************	1,223	2,083	1,625
43 44	Special drawing rights		***************************************	***************************************		***************************************	*****************	-190 1,413	-185 2,268	-176 1,801
44 45	Foreign currencies			***************************************			***************************************			***************************************
46 47	U.S. Government assets, other than official reserve assets, net	-6	-2		-218 -303	-528 -778	34 -379	-289 -289	-248 -248	-248 -248
48 49	U.S. credits and other long-term assets Repayments on U.S. credits and other long-term assets * U.S. foreign currency holdings and U.S. short-term assets, net	6	-2		213 -128	354 -104	473 -60			***************************************
50	U.S. private assets, net	-4,703	5,063	-1,995	-1,954	-5,796	2,968	-2,478 -3,008	-1,771	-14,226
51 52 53	Direct investment	-974	-381 -114	-701 -420	-3,808 1,118	-5,352 2,864	-1,305 565	-111	-2,667 465	-2,874 903
53 54	U.S. člaims on unaffiliated foreigners reported by U.S. nonbanking concernsU.S. claims reported by U.S. banks, not included elsewhere	-43 -3,421	-305 5,863	-874	-1,034 1,770	-756 -2,552	3,708	22 619	431	-11,658 -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 57	Foreign official assets in the United States, net	(18) (18)	(18) (18)	(18)] (18)]	(18) (18)	(18) (18)	(18)			
58 59	U.Š. Government securities U.S. Treasury securities? Other 19	(18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)			
60 61	Other ¹⁰ Other U.S. Government liabilities ¹¹ U.S. liabilities reported by U.S. banks, not included elsewhere	-35 (18) (18)	-42 (18) (18)	(18)	-215 (¹⁸)	-613 (18)	-231 (18)			***************************************
62	Other foreign official assets 12	(18)		(18)	(18)	(18)	(18)	(18)	(18)	(18)
63 64	Other foreign assets in the United States, net	(18) 425	(¹⁸) 119	(18) -1,384	(¹⁸) -400	(¹⁸) 610	(18) 309	6,259 1,232	8,492 1,267	4,502 1,300
63 64 65 66 67	U.S. Treasury securities U.S. securities other than U.S. Treasury securities	(¹⁸) 157	(¹⁸) 1,153	(¹⁸)	3,532	(18) 2,564	(¹⁸) 5,557	1,232 (¹⁸) ~130	(18) 473	4,502 1,300 (18) 97
	U.S. currency U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns					***************************************	0,007	3,057	4,697	12,213
68 69	U.S. liabilities reported by U.S. banks, not included elsewhere	1,879 (18)1,467	1,742 (18)–329	(18)2,682	1,892 (18)–1,560	-1,134 (18)3,500	(18)27,343	37 (18)2,063	(18)2,003	-6,023 (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
71	Memoranda: Balance on goods (lines 3 and 20)	1,386	1,505	1,900	-36,360	-46,135	-43,449			
72 73	Balance on services (lines 4 and 21)	540	487 1,992	524 2,424	4,366 -31,994	5,096 -41,039	3,806 -39,643	583 583	584 584	633 633
74 75	Balance on income (lines 12 and 29) Unilateral current transfers, net (line 35) Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) 13	1,057	751 -40	709 -37	-1,413 -3,569	-526 -3,716	-847 -6,140	3,963 -2,691	3,815 -2,684	3.955
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	-3,340 1,248
	The "European Union (SVI includes Palaium Ercass Garmany (includes the farmer Garman D									

^{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]

	· · · · · · · · · · · · · · · · · · ·					No	ot seasona	ally adjust	ed					S	easonally	adjusted			
Line		1998	1999 <i>P</i>		199	98			19	99			199	98			199	9	
				1	ij.	111	IV		R	W/	1V P	1	II	181	IV	lr.	li'	1117	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 3 4 5 6	Travel (table 1, line 6) Passenger fares (table 1, line 7) Other transportation (table 1, line 8) Freight Port services	71,250 19,996 25,518 11,178 14,340	74,448 21,123 27,313 11,772 15,541	15,652 4,581 6,201 2,824 3,377	18,119 5,000 6,261 2,801 3,460	20,354 5,733 6,367 2,669 3,698	17,125 4,682 6,689 2,884 3,805	15,809 4,651 6,362 2,769 3,592	18,271 5,049 6,727 2,883 3,844	21,976 6,060 6,852 2,918 3,934	18,392 5,363 7,372 3,203 4,170	17,903 4,916 6,338 2,872 3,465	18,260 5,185 6,268 2,769 3,498	17,149 5,052 6,339 2,684 3,654	17,938 4,843 6,575 2,852 3,722	18,130 4,996 6,504 2,820 3,684	18,429 5,242 6,734 2,849 3,885	18,611 5,344 6,824 2,935 3,889	19,279 5,541 7,251 3,168 4,083
7 8 9 10 11 12 13	Royalties and license fees (table 1, line 9) Affiliated U.S. parents' receipts U.S. affiliates' receipts Unaffiliated Inclustrial processes 1 Other 2	36,808 26,761 24,712 2,049 10,047 4,138 5,909	37,213 26,044 24,120 1,924 11,169 4,383 6,786	8,655 6,277 5,805 472 2,378 973 1,405	8,716 6,256 5,899 357 2,460 1,018 1,442	8,866 6,328 5,950 378 2,538 1,053 1,485	10,571 7,900 7,058 842 2,671 1,094 1,578	9,124 6,427 5,929 498 2,697 1,093 1,604	9,063 6,301 5,841 460 2,762 1,097 1,665	9,141 6,317 5,829 488 2,824 1,097 1,727	9,885 6,999 6,521 478 2,886 1,095 1,791	8,882 6,504 5,963 541 2,378 973 1,405	9,002 6,542 6,066 476 2,460 1,018 1,442	9,029 6,491 6,091 400 2,538 1,053 1,485	9,894 7,223 6,591 632 2,671 1,094 1,578	9,318 6,621 6,082 539 2,697 1,093 1,604	9,346 6,584 6,004 580 2,762 1,097 1,665	9,251 6,427 5,949 478 2,824 1,097 1,727	9,297 6,411 6,084 327 2,886 1,095 1,791
14 15 16 17 18 19 20 21 22 23 24 25	Other private services (table 1, fine 10) Affiliated services U.S. parents' receipts U.S. affiliates' receipts Unaffiliated services Education Financial services Insurance, net Premiums received Losses paid Telecommunications Busieness, professional, and technical	92,116 28,321 18,212 10,109 63,795 8,964 13,698 2,842 6,985 4,143 3,689	99,357 29,200 18,495 10,705 70,157 9,271 15,773 3,402 7,592 4,190 3,340	23,453 6,752 4,503 2,249 16,701 3,629 3,132 683 1,657 974 955	22,108 7,058 4,657 2,401 15,050 1,142 3,778 696 1,722 1,026 926	23,377 7,111 4,282 2,829 16,266 2,416 3,419 717 1,780 1,063 900	23,178 7,400 4,770 2,630 15,778 1,777 3,369 746 1,826 1,080 908	25,288 7,190 4,455 2,735 18,098 3,866 3,419 794 1,860 1,066 882	23,266 7,028 4,433 2,595 16,238 1,134 3,950 831 1,887 1,056 872	25,291 7,259 4,544 2,715 18,032 2,525 4,019 869 1,911 1,042 818	25,512 7,723 5,063 2,660 17,789 1,747 4,385 908 1,934 1,027 769	22,302 6,987 4,608 2,379 15,315 2,160 3,132 683 1,657 974 955	23,296 7,114 4,631 2,483 16,182 2,251 3,778 696 1,722 1,026 926	23,278 7,184 4,411 2,773 16,094 2,310 3,419 717 1,780 1,063 900	23,240 7,036 4,561 2,475 16,204 2,243 3,369 746 1,826 1,080 908	24,065 7,449 4,562 2,887 16,616 2,289 3,419 794 1,860 1,066 882	24,500 7,081 4,404 2,677 17,419 2,286 3,950 831 1,887 1,056 872	25,089 7,334 4,687 2,647 17,755 2,328 4,019 869 1,911 1,042 818	25,702 7,335 4,842 2,493 18,367 2,368 4,385 908 1,934 1,027 769
26	ServicesOther unaffiliated services 3	24,338 10,264	27,226 11,143	5,858 2,444	6,017 2,490	6,164 2,649	6,299 2,680	6,544 2,593	6,746 2,705	6,894 2,907	7,043 2,939	5,858 2,527	6,017 2,513	6,164 2,583	6,299 2,640	6,544 2,688	6,746 2,735	6,894 2,827	7,043 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 29 30 31 32	Travel (table 1, line 23) Passenger fares (table 1, line 24) Other transportation (table 1, line 25) Freight Port services	56,105 19,797 30,457 19,412 11,048	60,092 21,305 34,500 22,401 12,099	11,662 4,232 7,147 4,485 2,663	15,193 5,325 7,533 4,829 2,705	17,234 5,722 7,820 5,016 2,805	12,016 4,518 7,957 5,082 2,875	12,543 4,691 7,554 4,806 2,748	16,063 5,711 8,290 5,370 2,919	18,425 6,044 9,259 6,079 3,180	13,061 4,859 9,397 6,145 3,251	13,736 4,629 7,321 4,548 2,773	14,168 4,958 7,590 4,858 2,732	14,070 5,085 7,700 4,999 2,701	14,131 5,125 7,849 5,006 2,843	14,815 5,112 7,734 4,868 2,866	14,929 5,314 8,370 5,417 2,953	14,957 5,362 9,138 6,069 3,069	15,391 5,518 9,258 6,047 3,211
33 34 35 36 37 38 39	Royalties and license fees (table 1, line 26)	11,292 8,374 1,169 7,205 2,918 1,546 1,372	12,437 9,655 1,218 8,437 2,782 1,669 1,113	2,939 2,001 290 1,711 938 372 567	2,587 1,943 273 1,670 644 382 262	2,685 2,001 298 1,703 684 392 292	3,081 2,429 308 2,121 652 401 252	3,162 2,500 304 2,196 662 408 254	3,073 2,395 310 2,085 678 414 264	2,946 2,233 309 1,924 713 420 292	3,256 2,527 295 2,232 729 427 302	2,955 2,017 290 1,727 938 372 567	2,694 2,050 273 1,777 644 382 262	2,721 2,037 298 1,739 684 392 292	2,923 2,271 308 1,963 652 401 252	3,174 2,512 304 2,208 662 408 254	3,195 2,517 310 2,207 678 414 264	2,985 2,272 309 1,963 713 420 292	3,083 2,354 295 2,059 729 427 302
40 41 42 43 44 45 46 47 48 49 50 51	Other private services (table 1, line 27) Affiliated services U.S. parents' payments U.S. affiliates' payments Unaffiliated services Education Financial services Insurance, net Premiums paid Losses recovered Telecommunications Business, professional, and technical services Other unaffiliated services ³	47,670 19,095 9,730 9,365 28,575 1,538 3,771 6,908 18,581 11,673 8,125 7,684	51,591 21,276 10,752 10,524 30,315 1,727 3,923 7,662 20,276 12,614 7,772 8,737	10,907 4,014 2,047 1,967 6,893 300 927 1,702 4,329 2,627 2,050 1,786 129	11,915 4,759 2,367 2,392 7,156 378 1,010 1,717 4,572 2,855 2,032 1,884 135	12,153 4,881 2,405 2,476 7,272 484 932 1,736 4,770 3,034 2,014 1,968 138	12,695 5,441 2,530 7,254 377 902 1,753 4,910 3,157 2,029 2,045	11,985 4,752 2,315 2,437 7,233 335 834 1,816 4,998 3,183 2,024 2,103 121	13,062 5,516 2,686 2,830 7,546 423 949 1,878 5,054 3,175 2,011 2,160	13,191 5,372 2,667 2,705 7,819 542 1,080 1,949 5,095 3,146 1,915	13,353 5,636 3,084 2,552 7,717 428 1,060 2,020 5,130 3,110 1,822 2,262 125	11,217 4,267 2,288 1,979 6,950 356 927 1,702 4,329 2,627 2,050	12,014 4,856 2,424 2,432 7,158 380 1,010 1,717 4,572 2,855 2,032 1,884 135	12,163 4,974 2,453 2,521 7,189 401 932 1,736 4,770 3,034 2,014 1,968 138	12,276 4,998 2,565 2,433 7,278 401 902 1,753 4,910 3,157 2,029 2,045 148	12,335 5,032 2,583 2,449 7,303 405 834 1,816 4,998 3,183 2,024 2,103 121	13,166 5,619 2,746 2,873 7,547 424 949 1,878 5,054 3,175 2,011 2,160	13,183 5,464 2,712 2,752 7,719 442 1,080 1,949 5,095 3,146 1,915 2,211	12,908 5,163 2,712 2,451 7,745 456 1,060 2,020 5,130 3,110 1,822 2,262 125
53 54 55	Memoranda: Balance on goods (table 1, line 1)	-246,932 80,367 -166,565	79,529	-47,661 21,655 -26,006	-59,612 17,651 -41,961	-75,009 19,083 -55,926	-64,650 21,978 -42,672	-67,559 21,299 -46,260	-80,883 16,177 -64,706	-101,304 19,455 -81,849	-97,385 22,598 -74,787	-54,876 20,483 -34,393	20,587	19,108	-63,587 20,186 -43,401	-74,381 19,843 -54,538	-84,591 19,277 -65,314	-91,943 19,494 -72,449	-96,216 20,912 -75,304

national 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.

<sup>P Preliminary.
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 inter-</sup>

G. Investment Tables_

Table G.1.—International Investment Position of the United States at Yearend, 1997 and 1998 (Millions of dollars)

			Cha	anges in po	sition in 199	98 (decreas	e (-))	
				Attribut	able to:			
Line	Type of investment	Position, 1997 ^r		Valua	ation adjustr	ments	Total	Position, 1998 <i>P</i>
			Financial flows	Price changes	Exchange rate changes ¹	Other changes 2	Total	
			(a)	(b)	(c)	(d)	(a+b+c+d)	
1 2	Net international investment position of the United States: With direct investment positions at current cost (line 3 less line 24) With direct investment positions at market value (line 4 less line 25)	-968,208 -1,066,262	-209,819 -209,819	-167,585 -319,300	45,380 56,282	61,064 1,633		-1,239,168 -1,537,466
3 4	U.Sowned assets abroad: With direct investment positions at current cost (lines 5+10+15) With direct investment positions at market value (lines 5+10+16)	4,508,626 5,288,892	292,818 292,818	101,041 315,522	43,704 54,584	-15,293 -3,833	422,270 659,091	4,930,896 5,947,983
5	U.S. official reserve assets	134,836 75,929	6,784	-628 3-628	5,024	-10 ⁴-10	11,170 –638	146,006 75,291
6 7 8 9	Special drawing rights Reserve position in the International Monetary Fund Foreign currencies	10,027 18,071	149 5,118		427 922		576 6,040 5,192	10,603 24,111 36,001
10 11	U.S. Government assets, other than official reserve assets	81,960 79,607	429 574		-5	-2 -2	422 572	82,382 80,179
12 13 14	Repayable in dollars	334	602			-1 -1	601 -29 -150	79,874 305 2,203
	U.S. private assets:	2,000	140				100	2,200
15 16	With direct investment at current cost (lines 17+19+22+23) With direct investment at market value (lines 18+19+22+23)	4,291,830 5,072,096	285,605 285,605	101,669 316,150	38,685 49,565	-15,281 -3,821	410,678 647,499	4,702,508 5,719,595
17 18 19 20 21	Direct investment abroad: At current cost At market value Foreign securities Bonds Corporate stocks	1,784,494 1,739,400 538,400	132,829 132,829 102,817 25,064 77,753	2,892 217,373 98,777 18,441 80,336		-18,465 -7,005	119,213 356,034 229,556 23,426 206,130	1,123,441 2,140,528 1,968,956 561,826 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 Foreign-owned assets in the United States:	985,806	24,918		3,156	9	28,083	1,013,889
24 25	With direct investment at current cost (lines 26+33)	5,476,834 6,355,154	502,637 502,637	268,626 634,822	-1,676 -1,698	-76,357 -5,466	693,230 1,130,295	6,170,064 7,485,449
26 27 28 29 30 31 32	Foreign official assets in the United States U.S. Government securities U.S. Treasury securities Other Other U.S. Government liabilities 7 U.S. liabilities reported by U.S. banks, not included elsewhere Other foreign official assets	835,709 614,530 589,792 24,738 21,459 135,384 64,336	-21,684 -3,625 -9,957 6,332 -3,113 -11,469 -3,477	9,152 192			344 5,719 -805 6,524 -3,113 -11,469 9,207	836,053 620,249 588,987 31,262 18,346 123,915 73,543
33 34	Other foreign assets: With direct investment at current cost (lines 35+37+38+39+42+43) With direct investment at market value (lines 36+37+38+39+42+43)	4,641,125 5,519,445	524,321 524,321	246,189 612,385	-1,676 -1,698		692,886 1,129,951	5,334,011 6,649,396
35 36 37 38 39 40 41 42	Direct investment in the United States: At current cost At market value U.S. Treasury securities U.S.currency U.S. securities other than U.S. Treasury securities Corporate and other bonds Corporate stocks U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking	764,045 1,642,365 662,228 211,628 1,578,694 715,196 863,498	193,375 46,155 16,622 218,026 170,539 47,487	362,319 18,961 231,105 21,019 210,086	-6,005 -6,005	-3,957	551,737 65,116 16,622 443,126 185,553 257,573	2,194,102 727,344 228,250 2,021,820 900,749 1,121,071
43	concerns U.S. liabilities reported by U.S. banks, not included elsewhere	453,555 970,975	9,412 40,731		-1,080 5,387	-1,100	7,232 46,118	460,787 1,017,093

P Preliminary.

Revised.

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 inv	estment posi prical-cost ba	ition on a	Capital	outflows (inflo	ows ())		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
France	35,200 41,281 54,118	35,800 38,490 64,361	39,188 42,853 79,386	4,463 1,956 6,308	2,543 1,627 14,327	2,895 2,025 14,996	3,224 3,797 9,632	2,575 3,339 12,370	2,450 4,787 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
Brazil	29,105 19,351	35,091 24,181	37,802 25,877	4,159 2,405	6,514 5,646	3,790 2,533	4,172 2,721	4,675 3,905	3,037 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
Australia Japan	30,006 34,578	29,910 33,725	33,676 38,153	3,787 -280	2,393 -371	3,659 3,844	2,851 3,475	3,598 3,516	1,898 2,179
International	4,295	4,317	4,578	1,451	694	582	278	383	823
By industry	1								
Petroleum	75,232	82,212	91,113	6,239	9,603	9,780	12,082	11,823	8,059
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Industrial machinery and equipment Electronic and other electric equipment Transportation equipment Other manufacturing	270,288 31,024 74,858 16,309 30,336 31,832 32,092 53,837	280,332 32,465 77,112 15,924 32,293 31,624 34,907 56,006	304,690 33,871 83,589 17,098 34,755 34,531 35,615 65,231	24,325 2,095 5,796 6,064 2,752 3,440 708 3,470	28,097 3,806 7,210 444 4,381 2,992 4,419 4,845	26,680 1,670 7,072 1,109 2,810 2,670 1,692 9,658	34,342 4,452 9,529 1,358 4,637 4,280 3,409 6,677	38,283 4,910 10,050 1,406 5,669 4,700 5,048 6,500	31,416 4,262 9,930 1,278 4,213 2,763 2,385 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		Millions of dollars		Thousands of
	affiliates	Total assets	Sales	Net income	employees
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
France	1,297	144,057	130,883	3,424	483.7
Germany	1,424	213,029	234,508	7,531	627.4
ItalyNetherlands	783 1,104	66,091 179,751	74,035 130.053	2,311 17.014	205.5 169.4
Switzerland	545	93.348	67.620	9,155	103.4
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
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
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]

All countries, all industries	1996 598,021 54,836 370,843	1997 693,207 69,866	1998 811,756 74,840	1996 84,455	1997 105,488	1998 188,960	1996 30,407	1997 42,115	1998
By country Canada Europe Of which: France	54,836	69,866		84,455	105,488	188,960	30,407	42 115	
Canada		, i	74 040				, ,	72,117	38,015
Europe Of which: France		, i	74 040						
Of which: France	370,843		74,040	8,590	15,399	11,859	3,190	3,361	3,010
France		432,622	539,906	55,989	70,508	167,655	23,724	31,380	27,635
	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	75,349 121,582	89,570 131,315	96,904 151,335	12,262 14,404	13,658 11,234	7,018 69,968	5,271 10,374	7,103 11,440	5,920 7,815
, and the second		·	,	,				,	
atin America and Other Western Hemisphere	28,002	33,546	32,210	1,990	3,993	278	1,383	1,752	1,494
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
/liddle 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	44.755	5,321	2,254	2,034	492	214	676
Japan	116,144	125,131	14,755 132,569	13,337	9,275	7,101	2,939	5,780	672 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 18,576	88,831 23,366	101,351 22,512	8,081 5,397	13,746 4,258	10,325 1,041	5,014 1.024	5,556 1,572	6,190 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
nsurance	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

			Millions	of dollars	······································		Millions	of dollars
	Number of affiliates	Total assets	Sales	Net income	Gross product	Thousands of employees	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			٠					
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
France Germany Netherlands Switzerland United Kingdom	513 1,011 302 404 929	322,270 302,740 260,034 339,896 454,081	135,414 194,492 124,109 110,077 258,845	2,959 5,071 5,508 2,986 12,119	35,863 46,171 33,750 25,637 78,550	411.2 657.6 391.4 352.1 983.2	14,032 13,973 4,592 6,233 14,543	12,936 32,032 10,191 7,127 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
Australia	135 2,587	55,514 582,570	26,132 446,422	-101 2,701	5,207 62,345	80.1 812.4	1,410 52,883	1,501 120,357
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
Food	214 339 373 359 333 104 260	43,894 190,326 67,516 47,246 53,182 22,574 49,211	47,082 141,744 65,075 56,680 73,413 26,203 72,607	183 4,280 1,744 1,390 -257 631 2,060	10,953 40,906 16,510 16,607 15,658 7,537 13,554	152.7 389.4 219.4 260.8 239.6 129.5 207.9	2,620 15,259 5,133 10,357 13,092 3,430 7,631	2,675 16,019 8,329 8,267 20,612 3,421 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)	(P)
Real estate and rental and leasing	1,935	116,679	20,813	204	9,084	47.0	(P)	(^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

	1999 2000															
	1998	1999						1999							2000	
			Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
:						Exchange	e rates pe	U.S. dolla	ar (not sea	sonally ad	justed) ¹					
Canada (Can.\$/US\$) European Monetary Union (US\$/Euro) ² France (FFr/US\$) ² Germany (DM/US\$) ² Italy (L/US\$) ²	1.4836 5.8995 1.7597 17.3685	1.4858 1.0653	1.4977 1.1203	1.5176 1.0886	1.4881	1.4611 1.0630	1.4695 1.0377	1.4890 1.0370	1.4932 1.0605	1.4771 1.0497	1.4776 1.0706	1.4674 1.0328	1.4722 1.0110	1.4486 1.0131	1.4512 .9834	1.4608 .9643
Japan (¥/ÚS¢) Mexico (Peso/US\$) United Kingdom (US\$/£)	1.3099 9.1520 1.6573	1.1373 9.5530 1.6172	1.1667 10.0060 1.6276	1.1947 9.7320 1.6213	1.1977 9.4300 1.6089	1.2200 9.3950 1.6154	1.2072 9.5150 1.5950	1.1933 9.3700 1.5751	1.1323 9.3980 1.6058	1.0688 9.3410 1.6247	1.0597 9.5750 1.6572	1.0465 9.4160 1.6205	1.0258 9.4270 1.6132	1.0530 9.4940 1.6404	1.0939 9.4270 1.6000	1.0631 9.2890 1.5799
Addendum: Exchange value of the U.S. dollar 3	116.48	116.87	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	117.44
					U	nemploym	ent rates (percent, m	onthly dat	a seasona	ly adjusted	d)				
Canada France Germany	8.3 11.8 11.1 11.8	7.6 11.2 10.5 11.4	7.9 11.4 10.6 11.7	7.9 11.4 10.6	8.2 11.3 10.6	7.9 11.4 10.5 11.5	7.5 11.3 10.5	7.6 11.2 10.5	7.7 11.3 10.5 11.5	7.4 11.1 10.5	7.1 11.0 10.5	6.9 10.8 10.4 11.0	6.8 10.6 10.2	6.8 10.5 10.1	6.8 10.2 10.0 11.2	6.8 10.0 10.1
Japan Mexico United Kingdom	4.1	4.7	4.6 3.2 4.6	4.8 2.7 4.5	4.8 2.7 4.5	4.6 2.4 4.5	4.8 2.6 4.4	4.8 2.3 4.3	4.7 2.5 4.2	4.7 2.2 4.2	4.6 2.5 4.2	4.6 2.1 4.1	4.7 2.0 4.1	4.7 2.3 4.0	4.9	4.9 2.1 4.0
Addendum: United States	4.5	4.2	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	4.1
					c	onsumer	prices (mo	nthly data	seasonally	adjusted,	1995=100)				
Canada France Germany Italy Japan Mexico United Kingdom	104.2 104.0 104.3 108.2 102.5 187.9 109.3	106.1 104.6 104.9 110.0 102.2 219.1 111.0	104.7 104.0 104.3 109.1 101.9 211.7 109.8	105.1 104.4 104.4 109.3 102.0 213.7 110.1	105.7 104.6 104.8 109.6 102.5 215.6 110.8	105.9 104.6 104.8 109.8 102.5 216.9 111.1	106.0 104.6 104.9 109.8 102.2 218.3 111.1	106.3 104.4 105.4 110.1 101.8 219.8 110.8	106.6 104.5 105.3 110.2 102.1 221.0 111.0	106.9 104.7 105.1 110.4 102.4 223.2 111.5	107.0 104.8 105.0 110.8 102.6 224.6 111.7	106.9 104.8 105.2 111.0 102.0 226.6 111.8	107.0 105.4 105.5 111.1 101.7 228.8 112.2	106.9 105.4 105.8 111.3 101.4 231.9 111.8	107.5 105.5 106.2 111.7 101.3 234.0 112.4	108.2 106.0 106.4 112.0 101.5 235.3 113.0
Addendum: United States	107.0	109.3	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	112.3
			Real gros	s domestic	product (percent ch	nange from	preceding	quarter,	quarterly d	ata seasor	nally adjus	ted at ann	ual rates)		
Canada France Germany Italy Japan Mexico United Kingdom	3.1 3.4 2.2 1.5 -2.5 4.8 2.2	4.2 2.8 1.5 1.4 .3	5.1 1.8 2.7 1.3 6.2 3.6 1.6			3.6 3.4 .3 2.1 3.9 9.2 3.0			5.5 3.9 3.5 3.0 -3.9 10.2 4.1			4.6 3.6 2.7 1.7 -5.5				
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

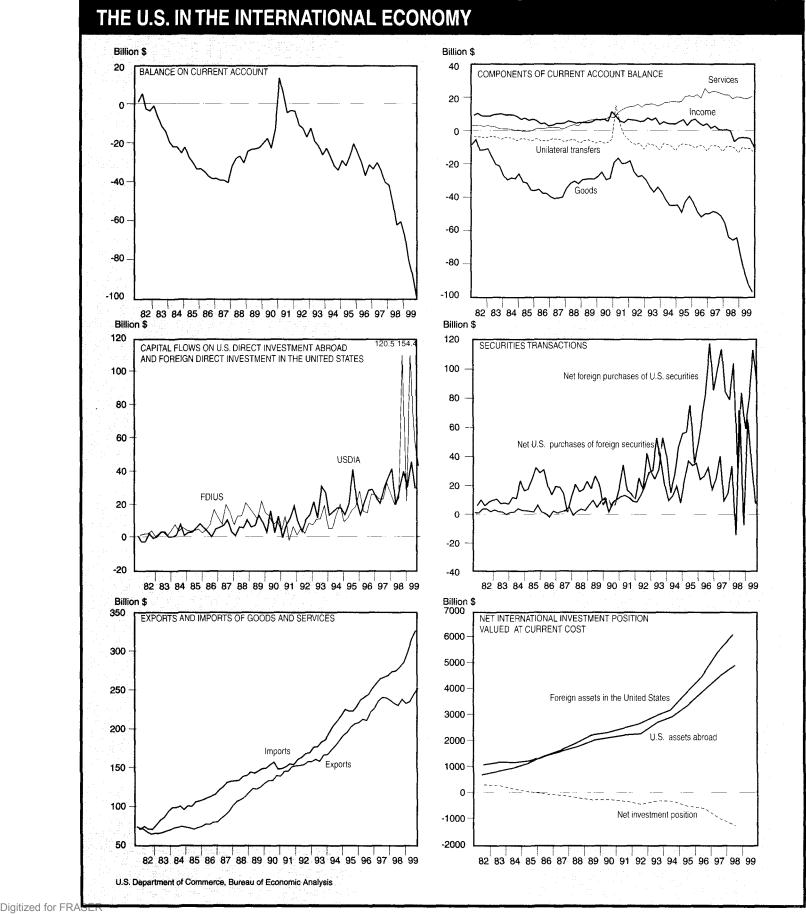
	1998	1000						1999	-	n.	-				2000	
	1998	1999	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
	Short-term, 3-month, interest rates (percent, not seasonally adjusted)															
Canada	5.04 3.56	4.89	5.02	5.00	4.71	4.58	4.80	4.77	4.89	4.81	5.00	5.03	5.10	5.20	5.25	5.99
Germany Italy Japan Mexico	3.54 4.99 .72 26.11		.58		.19	.08		.08							.10	14.46
United Kingdom	7.33	5.45	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	6.15
Addendum: United States	4.81	4.66	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	5.72
	Long-term interest rates, government bond yields (percent, not seasonally adjusted)															
Canada France Germany Italy Japan United Kingdom	5.45 4.82 4.6 4.88 1.54 5.52	5.68 4.94 4.5 4.73 1.75 5.08	5.26 4.42 3.9 4.05 2.12 4.45	5.34 4.39 4.0 4.27 1.82 4.66	5.26 4.25 3.9 4.11 1.56 4.59	5.51 4.45 4.0 4.28 1.33 4.91	5.70 4.94 4.4 4.62 1.63 5.16	5.61 5.08 4.7 4.94 1.70 5.33	5.85 5.17 4.9 5.13 1.88 5.38	5.88 5.35 5.0 5.28 1.76 5.65	6.26 5.67 5.3 5.52 1.69 5.83	6.15 5.66 5.0 5.25 1.82 5.28	6.22 5.81 5.2 5.36 1.77 5.38	6.48 6.11 5.5 5.75 1.69 5.82	6.19 5.96 5.5 5.73 1.80 5.62	5.93 5.73 5.36 5.36
Addendum: United States	5.26	5.65	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	6.26
	Share price indices (not seasonally adjusted, 1995=100)															
Canada	152.4 192.2 197.7 221 85 191.1 150.5	159.2 234.6 204.9 246 100 240.3 168.4	142.4 210.1 195.3 237 80 192.0 159.4	148.8 211.5 191.4 249 87 222.2 162.9	158.2 220.9 200.1 252 96 244.0 169.2	154.3 225.1 200.7 247 96 246.8 168.2	158.1 230.2 202.3 247 100 262.7 171.0	159.7 236.1 209.8 248 107 237.0 173.5	157.2 231.7 200.8 234 106 229.2 168.9	156.9 242.3 203.2 243 108 227.6 166.7	163.7 243.0 202.7 235 110 245.6 164.3	169.7 264.9 218.1 241 117 276.5 175.0	189.8 289.3 234.8 271 119 321.3 185.1	191.3 295.1 253.6 283 120 296.7 183.7	205.9 316.7 279.6 320 124 332.0 178.2	213.4 329.7 293.8 337 336.7 189.8
Addendum: United States	189	213	202	207	216	218	216	223	213.	209	206	218	219	218	208	214

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, May 2000, OECD Main Economic Indicators and are reproduced with permission of the OECD.

 ^{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

I. Charts_



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 \times 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_0 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]

·			Seasonally adjusted at annual rates						
	1998	1999	1998	1999				2000	
			IV	ŀ	II.	IXI	١٧	<i>P</i>	
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		.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	

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]

				Seasonally adjusted at annual rates						
	Line	1998	1999	1998		1999				
				III	IV	1	II	HI .	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 3 4	5.5 0 .8	5.3 -0.8 .9	5.2 0 .8	7.1 0 1.2	2.9 -1.7 .8	3.3 2.8 .9	6.1 1.1 1.0	8.8 .3 .9	
Plus: Adjustment for grossing of parent/affiliate interest payments		5.0 42.3	4.4 47.9	5.2 41.4	5.7 46.4	4.3 47.2	4.4 48.1	4.4 47.3	4.6 49.0	
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 11 12	6.5 0 0	5.8 .3 0	7.3 0 0	6.6 0 0	3.2 -0.6 0	3.2 .4 0	7.4 1.2 0	9.3 .2 0	
Plus: Gold, NIPA's Adjustment for grossing of parent/affiliate interest payments Adjustment for U.S. territories and Puerto Rico Imputed interest paid to rest of world	13 14 15 16	-3.1 5.0 28.5 18.5	-2.4 4.4 32.5 19.7	-2.9 5.2 26.2 18.8	-2.9 5.7 33.1 18.9	-2.3 4.3 31.7 19.2	-2.4 4.4 32.8 19.4	-2.5 4.4 32.3 19.9	-2.5 4.6 33.3 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) Statistical differences (3–11) ¹ Other items (4–12)	19 20 21	-4.1 0 .8	-2.9 -1.1 .9	-5.0 0 .8	-2.4 0 1.2	-2.6 -1.1 .8	-2.3 -3.2 .9	-3.8 -0.1 1.0	-3.0 .1 .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	

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).

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

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 inputout 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 A-broad," 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.



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Our most recent Web site postings and statistical products are listed below.

www.bea.doc.gov

June 2000 Survey of Current Business Click on "Survey of Current Business and other BEA Publications," and look under "Table of contents."

Selected NIPA Tables, First Quarter 2000 (Preliminary) Click on "GDP and related data," and look under "Current period estimates."

Fixed Assets and Consumer Durable Goods: Estimates for 1925–98. Under "National," click on "Industry and wealth data," and look under "Fixed assets." Local Area Personal Income Estimates for 1969–98 of counties, metropolitan areas, and States. Under "Regional," click on "Data," then look for "Local area personal income."

Diskettes and CD-ROM's

1996 Transportation Satellite Accounts

Contains the make, use, direct requirements, and total requirements tables. Diskette NDN-0252, \$20.00. State Personal Income, 1969-98

Contains total and per capita estimates and detailed estimates for the United States, regions, and States. CD-ROM RCN-0249, \$35.00.

U.S. International Transactions, Fourth Quarter 1999 Contains annual estimates for 1998–99 and quarterly estimates for 1999 on a balance-of-payments basis. Diskette IDN-0253, \$20.00.

1996 Annual I-O Accounts

Contains annual input-output estimates for twodigit industries and alternative use and make tables for industries on a 1987 Standard Industrial Classification basis. Diskette IDN-0247, \$20.00. Foreign Direct Investment in the United States Preliminary Results From the 1997 Benchmark Survey

Contains information on the financial structure and operations of the U.S. affiliates of foreign direct investors. Diskette IDN-0244, \$20.00.

Foreign Direct Investment in the United States Balance of Payments and Direct Investment Position Estimates, 1987–98

Contains annual estimates of the foreign direct investment position in the United States and of balance-of-payments transactions between U.S. affiliates and their foreign parents. Diskette IDN-0242, \$20.00.

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

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Foreign Direct Investment in the United States Preliminary Results From the 1997 Benchmark Survey Presents data on the financial structure and operations of the U.S. affiliates of foreign investors, including data collected only in benchmark surveys. Stock no. 003–010–00284–1, \$13.00.

International Direct Investment
Studies by the Bureau of Economic Analysis
Presents a collection of studies on multinational companies, the guides to BEA's statistics, and the methodologies used to prepare the estimates.
Stock no. 003-010-00278-6, \$24.00.

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U.S. International Transactions, 1st quarter 2000	June 20	8:30 a.m.
Gross Domestic Product, 1st quarter 2000 (final) and		
Corporate Profits, 1st quarter 2000 (revised)	June 29	8:30 a.m.
International Investment Position of the United States, 1999	June 29	10:00 a.m.
Personal Income and Outlays, May 2000	June 30	8:30 a.m.
II S. International Trade in Coods and Sarvices, May 2000*	Inly 10	8:30 a.m.
U.S. International Trade in Goods and Services, May 2000*	•	9:00 a.m.
State Personal Income, 1st quarter 2000		
Gross Domestic Product, 2nd quarter 2000 (advance)	July 28	8:30 a.m.
Personal Income and Outlays, June 2000	Aug. 1	8:30 a.m.
U.S. International Trade in Goods and Services, June 2000*	Aug. 18	8:30 a.m.
Gross Domestic Product, 2nd quarter 2000 (preliminary) and		
Corporate Profits, 2nd quarter 2000 (revised)	Aug. 25	8:30 a.m.
Personal Income and Outlays, July 2000		8:30 a.m.
II C. Intermedianal Transactions 2nd arrents 2000	Cont 12	10.00 0
U.S. International Transactions, 2nd quarter 2000	-	10:00 a.m.
U.S. International Trade in Goods and Services, July 2000*	Sept. 20	8:30 a.m.
Gross Domestic Product, 2nd quarter 2000 (final) and		
Corporate Profits, 2nd quarter 2000 (revised)		8:30 a.m.
Personal Income and Outlays, August 2000	Sept. 29	8:30 a.m.

^{*} Joint release by the Bureau of the Census and the Bureau of Economic Analysis (BEA) For more information, call BEA at 202–606–9900, or go to our Web site at www.bea.doc.gov