

## **Bureau of Economic Analysis**

## **Survey of Current Business**

Table of Contents December 1997

### Special in this issue

#### 11. Preview of Revised NIPA Estimates for 1992 From the 1992 IO Accounts

The recently released 1992 benchmark input-output accounts provide "preliminary revised" estimates that preview the impact of incorporating these accounts in the next comprehensive revision of the NIPA's; however, these estimates do not reflect the definitional and other statistical changes that will also be incorporated as part of that revision. The revised estimate of GDP for 1992 is \$10.5 billion lower, or 0.2 percent lower, than the presently published estimate; the revised estimate of gross domestic income is \$11.5 billion lower, or 0.2 percent lower, than the presently published estimate.

#### 22. Benchmark Input Output Accounts for the U.S. Economy, 1992: Requirements Tables

The 1992 benchmark input-output (I-O) accounts present a detailed picture of how industries provide input to and take output from each other. The requirements tables in these accounts can be used to quantify the inputs that are needed by an industry to produce a dollar of output, and they can be used to trace the effects of a dollar change in the final use of a specified commodity. For example, the requirements tables can be used to analyze the relative effects of a change in the composition of personal consumption expenditures that results from a change in consumer tastes.

#### Regular features

#### 1. Business Situation

Real GDP increased 3.3 percent in the third quarter of 1997, the same pace as in the second quarter; consumer spending and business fixed investment contributed the most to the third-quarter increase in GDP. The price index for gross domestic purchases increased 1.3 percent after increasing 0.8 percent. Corporate profits increased \$21.1 billion in the third quarter after increasing \$15.5 billion in the second. In the third quarter, the Federal Government current deficit decreased \$24.3 billion, to \$12.5 billion, the smallest deficit since the second quarter of 1979; the State and local government current surplus increased \$6.4 billion, to \$111.3 billion.

#### 17. Federal Personal Income Tax Liabilities and Payments, 1992–95

According to newly available BEA estimates of Federal personal income tax liabilities, liabilities exceeded payments by \$5.5 billion in 1995, whereas payments exceeded liabilities by \$4.9 billion in 1994. These estimates incorporate the results of the annual NIPA revision released in July and newly available tax return data from the Internal Revenue Service.

Reports and statistical presentations

#### 48. Subject Guide, Volume 77 (1997)

#### 50. 1998 Release Dates for BEA Estimates

#### D-1. BEA Current and Historical Data

- D-2. National Data: Selected NIPA Tables
- D-27. National Data: Other NIPA and NIPA Related Tables
- D-36. National Data: Historical Tables
- D-41. National Data: Domestic Perspectives
- D-43. National Data: Charts
- D-51. International Data: Transactions Tables
- D-57. International Data: Investment tables
- D-62. International Data: International perspectives
- D-64. International Data: Charts
- D-65. Regional Data: State and regional tables
- D-69. Regional Data: Local area table
- D-71. Regional Data: Charts
- D-73. Appendix A: Additional information about BEA's NIPA estimates
- D-75. Appendix B: Suggested reading

## BUSINESS SITUATION

This article was prepared by Larry R. Moran, Daniel Larkins, Ralph W. Morris, Deborah Y. Sieff, and Jennifer A. Bennett. R EAL GROSS domestic product (GDP) increased 3.3 percent in the third quarter of 1997, according to the "preliminary" estimates of the national income and product accounts (NIPA'S) (table 1 and chart 1); the "advance" estimate of real GDP, reported in the November "Business Situation," had shown a 3.5-percent increase.¹ The small downward revision was accounted for by downward revisions to exports of goods, to nonresidential structures, and to nonfarm business inventory investment. (The sources of these revisions are discussed in the "Revisions" section.)

The picture of the economy presented by the preliminary estimates is little changed from that presented by the advance estimates. Real GDP grew at the same pace in both the second and third quarters. Consumer spending and business fixed investment were the major contributors to

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

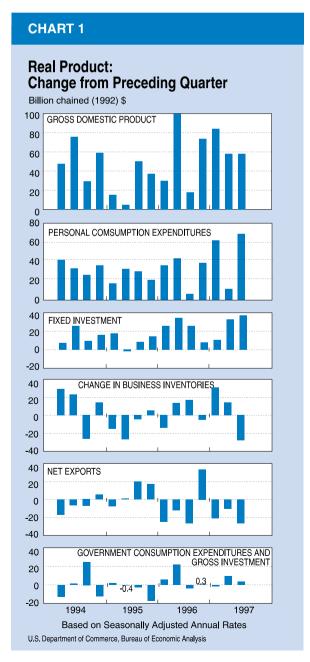
[Seasonally adjusted at annual rates]

	Billions	of cha	ined (1	992) do	ollars			ange fr	
	Level	1996	ecedin	g quarter 1997					
	1997	1996		1997		IV	_	п	III
	III	IV I II III				IV	'	"	III
Gross domestic product	7,217.6	73.6	84.2	58.0	58.0	4.3	4.9	3.3	3.3
Less: Exports of goods and services	972.7 1,135.7					25.5 6.8		18.4 20.5	4.3 14.0
Equals: Gross domestic purchases	7,367.2	43.1	102.5	66.0	80.3	2.5	5.9	3.7	4.5
Less: Change in business inventories	49.5	-5.0	30.8	13.9	-28.1				
Equals: Final sales to domestic purchasers	7,311.7	46.3	70.4	51.6	107.0	2.7	4.0	2.9	6.1
Personal consumption expenditures	4,897.9 872.5 280.8		8.1	11.3 28.1 4.9	68.5 35.5 2.6	3.3 5.9 –4.3	5.3 4.1 3.3	.9 14.6 7.4	5.8 18.1 3.7
gross investment		1,273.6						3.1 6.6 1.2	1.1 -1.0 2.3
Addendum: Final sales of domestic product	7,162.1	76.7	52.4	43.6	84.4	4.5	3.0	2.5	4.9

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 (1992) dollar levels and residuals, which measure the extent of nonadditivity in each table, are found in NIPA tables 1.2, 1.4, and 1.6. Percent changes are calculated from unrounded data. Percent changes in major aggregates are found in NIPA table 8.1.

the third-quarter increase in GDP.<sup>2</sup> Government spending and residential investment increased modestly, and the change in business inventories

 $_{\rm 2.~NIPA}$  table  $\rm 8.2$  (on page D-25 in this issue) shows the contributions of the major components to the quarter-to-quarter percent change in real  $_{\rm GDP.}$ 



Quarterly estimates in the NIPA's are expressed at seasonally adjusted annual rates unless otherwise specified. Quarter-to-quarter dollar changes are differences between published estimates. Quarter-to-quarter percent changes are annualized and are calculated from unrounded index numbers. Real estimates are expressed in chained (1992) dollars. Price indexes are chain-type measures.

and net exports of goods and services decreased substantially.

Real final sales of domestic product—GDP less the change in business inventories—increased 4.9 percent in the third quarter after increasing 2.5 percent in the second.

Real gross domestic purchases—GDP less exports of goods and services plus imports of goods and services—increased 4.5 percent in the third quarter after increasing 3.7 percent in the second.<sup>3</sup> Consumer spending more than accounted for the step-up.

The price index for gross domestic purchases increased 1.3 percent in the third quarter after increasing o.8 percent in the second. The acceleration was mainly accounted for by a step-up in food prices and an upturn in energy prices; the price index for gross domestic purchases less food and energy decelerated to a 1.1-percent increase from a 1.6-percent increase. The price index for GDP increased 1.5 percent after increasing 1.8 percent. The primary reason that gross domestic purchases prices accelerated while GDP prices decelerated is that prices of imports, which are included in gross domestic purchases but not in GDP, decreased less in the third quarter than in the second.

#### Personal consumption expenditures

Real personal consumption expenditures (PCE) increased 5.8 percent in the third quarter after

increasing 0.9 percent in the second (table 2). The step-up was primarily accounted for by upturns in expenditures for both durable goods and nondurable goods; expenditures for services increased slightly more than in the second quarter.

Two of the factors usually considered in analyses of PCE showed strength in the third quarter (chart 2). The Index of Consumer Sentiment (prepared by the University of Michigan's Survey Research Center) jumped to a record level, and the unemployment rate remained at 4.9 percent, the lowest level in 24 years. In contrast, real disposable personal income decelerated somewhat to a 2.7-percent increase in the third quarter from a 3.1-percent increase in the second.

Expenditures for durable goods jumped 18.2 percent after decreasing 5.4 percent. All major components contributed to the upturn, but motor vehicles and parts accounted for more than two-thirds of it. The sharp upturn in expenditures for motor vehicles and parts was accounted for by new cars and trucks. Expenditures for furniture and household equipment increased more than in the second quarter; the step-up primarily reflected an upturn in "other durable house furnishings" (which includes clocks, lamps, and floor coverings) and an acceleration in consumer electronics. "Other" durable goods (which includes jewelry, books, sporting goods, pleasure boats, and pleasure aircraft) turned up.

Expenditures for nondurable goods increased 4.4 percent after decreasing 2.1 percent. Upturns

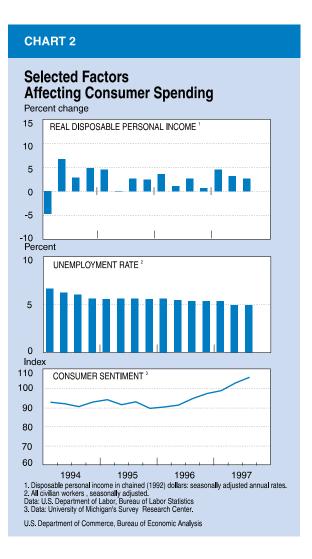
Table 2.—Real Personal Consumption Expenditures

[Seasonally adjusted at annual rates]

	В	Billions of c	hained (19	Percent change from preceding quarter						
	Level	Chanç	ge from pr	eceding qu	arter	4000	quai	1997		
	1997	1997 1996 1997				1996	996			
	III	IV	I	II	III	IV	I	II	III	
Personal consumption expenditures	4,897.9	38.2	61.7	11.3	68.5	3.3	5.3	0.9	5.8	
Durable goods	655.9	5.2	20.7	-8.8	26.9	3.5	14.1	-5.4	18.2	
Motor vehicles and parts	238.0	-1.7	5.4	-10.3	14.9	-3.1	9.9	-16.6	29.6	
Of which: New autos	82.3	.3	2.6	-5.9	8.6	1.7	13.8	-26.6	55.7	
New trucks	57.7	1.2	8	-2.7	5.8	9.1	-5.6	-18.1	52.9	
Furniture and household equipment	301.5	4.5	10.6	4.9	9.2	6.8	16.1	7.0	13.3	
Other	121.8	3.1	5.1	-1.7	2.1	11.3	18.6	-5.3	7.3	
Nondurable goods	1,465.9	7.3	16.6	-7.8	15.9	2.1	4.7	-2.1	4.4	
Food	689.6	1.7	5.6	-6.4	1.4	1.0	3.3	-3.6	.8	
Clothing and shoes	281.5	8	7.1	-3.3	7.7	-1.2	10.9	-4.7	11.7	
Gasoline and oil	116.6	.7	1	1.4	.5	2.6	5	5.3	1.6	
Fuel oil and coal	10.4	3	9	.7	.3	-8.4	-31.3	32.5	13.2	
Other	369.9	5.8	5.4	3	6.5	6.7	6.2	3	7.4	
Services	2,777.5	25.4	25.7	25.9	27.7	3.9	3.9	3.9	4.1	
Housing	715.6	3.1	3.5	3.7	3.6	1.8	2.0	2.1	2.0	
Household operation	296.0	5.9	-3.7	6.2	1.8	8.5	-5.0	8.9	2.6	
Electricity and gas	116.0	2.9	-3.9	4.0	-1.8	10.5	-12.6	14.7	-5.9	
Other household operation	179.7	3.0	.1	2.2	3.5	7.2	.3	5.3	8.2	
Transportation	203.8	1.6	2.3	1.6	2.9	3.3	4.8	3.3	5.9	
Medical care	716.4	7.3	7.3	4.4	7.6	4.3	4.2	2.5	4.4	
Other	846.1	7.6	15.9	10.2	11.6	3.8	8.1	5.1	5.7	

NOTE.—See note to table 1 for an explanation of chained (1992) dollar series. Chained (1992) dollar levels and residuals are found in NIPA tables 2.3, 8.5 (autos), and 8.7 (trucks). Percent changes in major aggregates are found in NIPA table 8.1.

Gross domestic purchases is a measure of purchases by U.S. residents regardless of where the purchased goods and services are produced.



in clothing and shoes, in food, and in "other" nondurable goods (which includes tobacco, prescription drugs, cosmetics, cleaning products, and newspapers and magazines) more than offset slowdowns in gasoline and oil and in fuel oil and coal.

Expenditures for services increased 4.1 percent after increasing 3.9 percent. Accelerations in medical care, in transportation, and in "other" services more than offset a slowdown in household operation; housing services increased about the same in each quarter. The acceleration in "other" services was more than accounted for by an upturn in brokerage and investment counseling. The slowdown in household operation was more than accounted for by electricity and gas—a downturn in gas primarily reflected a decrease in the demand for heating from a high level in the second quarter that was due to cooler-than-normal spring temperatures.

#### Nonresidential fixed investment

Real private nonresidential fixed investment increased 18.1 percent in the third quarter after increasing 14.6 percent in the second (table 3). The increases in both quarters were mainly accounted for by producers' durable equipment (PDE).

Factors that affect investment spending have been generally favorable over the past four quarters. Over that four-quarter period, real final

Table 3.—Real Gross Private Domestic Fixed Investment

[Seasonally adjusted at annual rates]

	В	illions of c	hained (19	92) dollar:	Percent change from preceding guarter					
	Level	Chan	ge from pr	eceding qu	uarter	1996	quai	1997		
	1997	1996 1997			1990		1997			
	III	IV	I	II	III	IV	1	II	III	
Gross private domestic fixed investment	1,148.2	7.8	10.3	32.4	36.8	3.0	3.9	12.6	13.9	
Nonresidential Structures Nonresidential buildings, including farm Utilities Mining exploration, shafts, and wells Other	872.5 195.1 148.6 28.0 13.4 5.0	11.5 6.9 6.7 .8 3 3	8.1 -1.0 1.7 -2.0 2 5	28.1 -2.4 -3.0 1.2 6	35.5 1.6 1.5 7 .4	5.9 15.3 20.3 12.2 -9.6 -19.3	4.1 -2.1 4.4 -24.7 -4.1 -33.1	14.6 -4.7 -7.6 17.4 -18.3 11.3	18.1 3.3 4.1 -9.2 14.8 28.5	
Producers' durable equipment Information processing and related equipment Computers and peripheral equipment Other Industrial equipment Transportation and related equipment Of which: Motor vehicles Other	685.3 321.2 240.9 131.8 125.7 146.5 120.1 111.8	3.8 6.1 12.4 -1.0 7 .2 .1 3	9.9 11.0 13.4 2.2 1 -2.2 3.9 3.6	32.7 15.5 20.3 2.9 6.7 8.5 -2.1 3.0	36.0 24.3 24.8 7.4 2.2 10.5 5.5 2.7	2.6 9.6 32.5 -3.2 -2.2 .8 -4.2 9	6.7 17.2 32.9 7.6 3 -6.8 11.5 12.5	23.0 24.0 48.4 9.8 24.8 29.5 –18.8 12.1	24.1 37.0 54.5 26.3 7.3 34.9 34.3 10.4	
Residential	280.8 136.6 19.4 125.4	-3.0 -2.1 .5 -1.4	2.2 0 1.6 .7	4.9 .3 .8 4.0	2.6 .1 -1.0 3.5	-4.3 -5.9 12.8 -4.8	3.3 0 41.1 2.3	7.4 .7 17.6 14.4	3.7 .5 –19.1 11.9	

sales of domestic product increased 3.7 percent; domestic corporate profits increased 12.2 percent; the capacity utilization rate in manufacturing increased from 82.1 at the beginning of the period to 83.1 at its end; and long-term interest rates stayed relatively low—for example, the yield on high-grade corporate bonds fluctuated in the 7.0–8.0-percent range.

PDE increased 24.1 percent in the third quarter, a little more than in the second. Information processing equipment increased sharply, largely because of another surge in computers and peripheral equipment. Transportation equipment also increased substantially; aircraft increased (though less than in the second quarter), and motor vehicles increased after a decrease. Industrial and "other" equipment (which includes agricultural and construction machinery) increased modestly.

Structures increased 3.3 percent after decreasing 4.7 percent. Investment in nonresidential buildings increased after decreasing; industrial and commercial buildings both turned up. Investment in mining exploration, shafts, and wells also increased after decreasing. In contrast, investment in utilities turned down.

#### Residential investment

Real residential investment increased 3.7 percent in the third quarter after increasing 7.4 percent in the second (table 3). The slowdown was primarily accounted for by multifamily structures,

Housing Starts

Millions of units

2.0

1.5

Multifamily

1994

1995

Seasonally Adjusted at Annual Rates

Data: Bureau of the Census

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

which decreased 19.1 percent after increasing 17.6 percent.

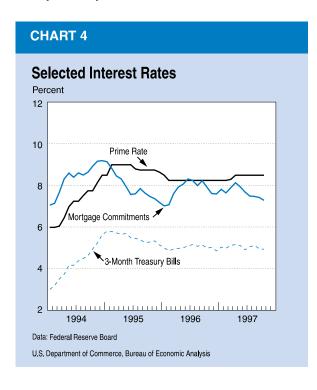
Single-family structures increased 0.5 percent after increasing 0.7 percent. New single-family housing starts have changed little over the past 6 months (chart 3).

"Other" residential investment increased 11.9 percent after increasing 14.4 percent.<sup>4</sup> Slowdowns in both home improvements and mobile homes more than offset an acceleration in brokers' commissions. The acceleration in brokers' commissions reflected a step-up in the increase in home sales. The third-quarter increase in home sales of 198,000 units (at a seasonally adjusted annual rate) was the largest increase since the second quarter of 1996 and consisted of a 167,000-unit increase in sales of existing residences and a 31,000-unit increase in sales of new residences. The increase in home sales may have partly reflected a drop in the commitment rate on 30-year fixed-rate mortgages from 7.92 percent to 7.47 percent (chart 4).

#### Inventory investment

Real inventory investment—that is, the change in business inventories—decreased \$28.1 billion in the third quarter, as inventory accumulation slowed to \$49.5 billion from \$77.6 billion

<sup>4. &</sup>quot;Other" residential investment includes home improvements, new mobile home sales, brokers' commissions on home sales, residential equipment, and other residential structures (which consists primarily of dormitories, fraternity and sorority houses, and nurses' homes).



(table 4). In contrast, inventory investment had increased \$13.9 billion in the second quarter, as accumulation had stepped up from \$63.7 billion in the first quarter.

Nonfarm inventories increased \$40.6 billion after increasing \$70.1 billion. The slowdown was accounted for by widespread decelerations in inventory accumulation.

In manufacturing, inventories in both the durable and nondurable goods industries increased less in the third quarter than in the second. In the durable goods industries, the slowdown was primarily accounted for by decelerations in transportation equipment other than motor vehicles and in industrial machinery. In the nondurable goods industries, the slowdown was primarily accounted for by a downturn in petroleum products and a deceleration in chemical products.

In wholesale trade, a slowdown in the accumulation of inventories in the durable goods industries more than offset an acceleration in inventory accumulation in nondurable goods industries. In the durable goods industries, the slowdown was mostly accounted for by downturns in machinery equipment and in hardware and plumbing equipment and by a deceleration in professional and commercial equipment.

In retail trade, inventories in both the durable goods and nondurable goods industries increased less than in the second quarter. In the durable goods industries, the slowdown was more than accounted for by inventories other than those held by motor vehicle dealers: inventories of motor vehicle dealers decreased for the fourth consecutive quarter, but the third-quarter decrease was smaller than the second-quarter decrease.

In "other" nonfarm inventories, the slowdown was more than accounted for by inventories in the nondurable goods industries.<sup>5</sup>

Farm inventories increased \$9.2 billion after increasing \$7.5 billion. Inventories of crops increased more than in the second quarter, and inventories of livestock decreased less.

The ratio of real nonfarm inventories to all real final sales of domestic businesses edged down to 2.27 in the third quarter from 2.28 in the second. A different ratio, in which final sales are limited to goods and structures, decreased to 4.10 from 4.13.

#### Exports and imports

Real exports of goods and services increased 4.3 percent in the third quarter after increasing 18.4 percent in the second (table 5). Real imports of goods and services increased 14.0 percent after increasing 20.5 percent.

Real exports of goods increased 3.8 percent after increasing 25.1 percent. Agricultural exports turned up, but nonagricultural exports increased much less than in the second quarter. Most categories of nonagricultural exports contributed to the slowdown; nonautomotive capital goods—the largest component of nonagricultural exports—contributed the most, largely reflecting a downturn in exports of civilian air-Nonautomotive consumer goods also turned down, and industrial supplies and materials increased less than in the second quarter. Exports of autos and trucks changed little after

Table 4.—Real Change in Business Inventories

[Billions of chained (1992) dollars; seasonally adjusted at annual rates]

		Level					Change from preceding quarter				
	19	96	1997			1996 199		1997			
	III	IV	I	1 11 111		IV	I II		III		
Change in business inventories	37.9	32.9	63.7	77.6	49.5	-5.0	30.8	13.9	-28.1		
Farm	6.5	6.4	5.3	7.5	9.2	1	-1.1	2.2	1.7		
Nonfarm Manufacturing Wholesale trade Retail trade Of which: Motor vehicle dealers Other	31.6 14.3 -5.0 20.0 10.6 2.3	26.5 12.3 9.4 .9 -4.7 3.9	58.3 20.9 22.9 .6 -2.5 13.7	70.1 29.0 24.6 7.7 -3.7 8.9	40.6 16.9 14.7 3.1 -1.1 5.8	-5.1 -2.0 14.4 -19.1 -15.3 1.6	31.8 8.6 13.5 3 2.2 9.8	11.8 8.1 1.7 7.1 –1.2 –4.8	-29.5 -12.1 -9.9 -4.6 2.6 -3.1		

<sup>5. &</sup>quot;Other" nonfarm inventories includes inventories held by mining; construction; public utilities; transportation; communication; finance, insurance, and real estate; and service industries.

<sup>6.</sup> Exports and imports of nonautomotive capital goods include both parts and equipment. However, parts are not included either in the producers' durable equipment component of business fixed investment or in the equipment component of government investment.

a modest increase. Exports of services increased 5.7 percent after increasing 3.2 percent, as travel and passenger fares turned up.

Real imports of goods increased 14.8 percent after increasing 22.9 percent. All categories of imports except autos and trucks contributed to the slowdown. Imports of both petroleum and non-petroleum products slowed. In nonpetroleum products, nonautomotive consumer goods and nonautomotive capital goods slowed the most. Despite these slowdowns, nonpetroleum products increased 15.8 percent, its seventh consecutive double-digit increase. Imports of services increased 9.5 percent after increasing 8.9 percent.

#### Government spending

Real government consumption expenditures and gross investment increased 1.1 percent in the third quarter after increasing 3.1 percent in the second

(table 6). A downturn in Federal Government spending more than offset a small acceleration in State and local government spending.

Federal defense spending increased 1.3 percent after increasing 7.5 percent. Consumption expenditures decreased slightly after increasing; the downturn was accounted for by durable goods, mainly aircraft parts. Investment increased less than in the second quarter; the slowdown was attributable to equipment.

Federal nondefense spending decreased 5.4 percent after increasing 4.9 percent. The downturn was mostly attributable to a downturn in investment in equipment. Consumption expenditures decreased slightly after increasing.

State and local government spending increased 2.3 percent after increasing 1.2 percent. Compensation of employees increased more than in the second quarter, and investment increased

Table 5.—Real Exports and Imports of Goods and Services

[Seasonally adjusted at annual rates]

	Е	chained (19	992) dollar	Perce	Percent change from preceding quarter					
	Level	Level Change from preceding quarter					l <del></del>			
	1997	1997 1996 1997				1996		1997		
	III	IV	ı	II	III	IV	II	III		
Exports of goods and services Goods Agricultural goods Nonagricultural goods Services	972.7 732.5 49.5 686.8 244.2	<b>49.7</b> 43.2 4.9 37.9 7.4	21.6 20.0 -4.0 25.6 2.1	39.8 39.6 5 41.2 1.9	10.2 6.7 2.3 4.0 3.4	25.5 30.7 49.2 29.0 13.5	9.9 12.6 -27.6 17.7 3.7	18.4 25.1 -4.2 28.2 3.2	4.3 3.8 20.8 2.4 5.7	
Imports of goods and services Goods Petroleum and products Nonpetroleum products Services	1,135.7 971.5 69.0 902.7 165.6	16.4 15.8 -3.5 20.4 .7	<b>42.3</b> 33.8 -1.8 37.0 8.4	<b>50.2</b> 47.1 5.9 40.6 3.4	<b>36.6</b> 33.1 .9 32.4 3.8	6.8 7.7 -19.6 11.0 2.1	17.9 16.7 -10.8 20.0 24.2	20.5 22.9 44.5 21.1 8.9	14.0 14.8 4.8 15.8 9.5	
Addendum: Net exports of goods and services	-162.9	33.3	-20.7	-10.3	-26.3					

NOTE.—See note to table 1 for an explanation of chained (1992) dollar series. Chained (1992) dollar levels and residuals are found in NIPA table 4.4. Percent changes in major aggregates are found in NIPA table 8.1.

Table 6.—Real Government Consumption Expenditures and Real Gross Investment by Type

[Seasonally adjusted at annual rates]

	E	Billions of o	chained (19	992) dollar	Percent change from preceding quarter					
	Level	Chan	ge from pr	eceding q	1996	quai				
	1997	1997 1996 1997					1997			
	III	IV	I	II	III	IV	II	III		
Government consumption expenditures and gross investment	1,273.6	0.3	-1.3	9.6	3.5	0.1	-0.4	3.1	1.1	
Federal	458.9	-6.1	-6.8	7.3	-1.2	-5.2	-5.8	6.6	-1.0	
National defense Consumption expenditures Gross investment	310.4 273.6 36.8	-5.8 -3.7 -2.2	-9.7 -4.1 -5.7	5.5 3.6 1.9	1.0 3 1.4	-7.1 -5.2 -19.4	-11.8 -5.8 -46.9	7.5 5.4 25.3	1.3 5 16.1	
Nondefense	148.2 128.0 20.1	3 .5 -1.0	2.8 2.6 .2	1.7 .5 1.4	-2.0 2 -2.1	-1.0 1.6 -16.8	8.0 8.5 4.0	4.9 1.7 29.8	-5.4 7 -33.2	
State and local	814.7	6.4	5.4	2.4	4.6	3.3	2.7	1.2	2.3	
Consumption expenditures	668.6 146.2	2.1 4.4	3.3 2.1	3.2 8	4.3 .4	1.3 13.1	2.0 6.0	1.9 -2.4	2.6 1.1	

after decreasing, reflecting a small upturn in structures.

#### Revisions

As noted earlier, the preliminary estimate of a 3.3-percent increase in real GDP in the third quarter is 0.2 percentage point lower than the advance estimate (table 7); for 1976-96, the average revision, without regard to sign, was 0.5 percentage point from the advance estimate of real GDP to the preliminary estimate. The small downward revision to GDP in the third quarter reflected downward revisions to exports of goods, to nonresidential structures, and to nonfarm business inventory investment.

The downward revision to exports of goods reflected the incorporation of revised Census Bureau data for August and newly available data for September.

The downward revision to nonresidential structures primarily reflected the incorporation of newly available Census Bureau data on the value of new construction put in place for September.

The downward revision to nonfarm business inventory investment reflects the incorporation of newly available Department of Defense data on deliveries of military aircraft for the third quarter and newly available information on the average value of cars in inventories for September.

The preliminary estimates of the increases in the price indexes for gross domestic purchases and for GDP were 1.3 percent and 1.5 percent, respectively; each was 0.1 percentage point higher than the advance estimate.

The preliminary estimate of real disposable personal income increased 2.7 percent in the third quarter, 0.2 percentage point lower than the advance estimate; current-dollar personal income was revised down. The preliminary estimate of the personal saving rate was 3.5 percent, 0.1 percentage point lower than the advance estimate.

#### **Corporate Profits**

Profits from current production increased \$21.1 billion in the third quarter after increasing \$15.5 billion in the second (table 8).7 Profits of domestic industries increased \$32.4 billion after

increasing \$12.2 billion. Profits of domestic nonfinancial corporations increased much more than in the second quarter; the third-quarter increase reflected increases both in real output and in unit profits. Profits of domestic financial corporations increased a little in both quarters. Profits from the rest of the world decreased \$11.4 billion after increasing \$3.4 billion; receipts turned down, and payments increased almost as much as in the second quarter.8

Table 7.—Revisions to Real Gross Domestic Product and Prices, Third Quarter 1997

[Seasonally adjusted at annual rates]

	,			
		change from ng quarter	Prelimina mate r advance	minus
	Advance estimate	Preliminary estimate	Percent- age points	Billions of chained (1992) dollars
Gross domestic product	3.5	3.3	0.2	-4.2
Less: Exports of goods and services Goods Services	5.6 5.6 5.5	4.3 3.8 5.7	-1.3 -1.8 .2	-3.0 -3.2 .1
Plus: Imports of goods and services	4.0 5.4 6.6	14.0 14.8 9.5	0 6 2.9	.1 –1.2 1.1
Equals: Gross domestic purchases	4.6	4.5	1	-1.6
Personal consumption expenditures  Durable goods  Nondurable goods  Services	5.7 6.7 4.7 4.1	5.8 18.2 4.4 4.1	.1 1.5 3 0	.8 2.1 9 3
Fixed investment Nonresidential Structures Producers' durable equipment Residential	4.1 8.7 0.1 2.1 2.8	13.9 18.1 3.3 24.1 3.7	2 6 -6.8 2.0 .9	4 -1.2 -3.1 2.7
Change in business inventories  Nonfarm  Farm				-2.0 -2.0 .1
Government consumption expenditures and gross investment Federal National defense Nondefense State and local	1.0 1.2 1.1 5.5 2.2	1.1 -1.0 1.3 -5.4 2.3	.1 .2 .2 .1 .1	.3 .1 .2 .1
Addenda: Final sales of domestic product	5.0 1.2 1.4	4.9 1.3 1.5	1 .1 .1	-1.9 

<sup>1.</sup> Based on chained-type annual (1992) weights.

<sup>7.</sup> 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 (which are part of the "Selected NIPA Tables" that begin on page D-2 of this issue) as "corporate profits with inventory valuation and capital consumption adjustments

<sup>8.</sup> 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.

NOTE.—The preliminary estimates for the third quarter of 1997 incorporate the following revised or additional major source data that were not available when the advance estimates were prepared.

Personal consumption expenditures: Revised retail sales for August and September, consumers' share of new-car purchases for September, revised average unit value for domestic new autos for July through September, consumers' share of new-truck purchases for September, hospital expenses for July, and residential electricity usage for July.

Nonresidential fixed investment: Construction put in place for July and August (revised) and September, manufacturers' shipments

of machinery and equipment for August and September (revised), and exports and imports of machinery and equipment for August (revised) and September.

<sup>(</sup>revised) and September.

Residential fixed investment: Construction put in place for July and August (revised) and September.

Change in business inventories: Manufacturing inventories for August (revised) and September, and retail trade and wholesale trade inventories for August (revised) and September; Department of Defense data on deliveries of military aircraft for the third quarter; and information on the average value of cars in inventories for September.

Exports and imports of goods and services: Exports and imports of goods for August (revised) and September.

Government consumption expenditures and gross investment: Monthly Treasury Statement detailed data for September, Department of Defense detailed financial reports for the quarter. State and local government construction put in place for July and August (revised) and September and State and local government for August and September (sevised).

vised) and September, and State and local government employment for August and September (revised).

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

GDP prices: Detailed merchandise export and import price indexes for July through September (revised), values and quantities of petroleum imports for August and September (revised), and housing prices for the third quarter.

Cash flow from current production, a profits-related measure of internally generated funds available for investment, increased \$7.2 billion after increasing \$11.3 billion. 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 to 80.2 percent from 82.5 percent. The third-quarter ratio is in the lower part of the range in which the ratio has fluctuated during most of this decade.

Industry profits.—Industry profits increased \$20.1 billion after increasing \$13.8 billion.<sup>9</sup> For domestic financial corporations, profits increased slightly, as they had in the second quarter. For domestic nonfinancial corporations, profits increased three times as much as in the second quarter. More than half of the step-up was accounted for by manufacturing, primarily reflecting upturns in petroleum and in motor

**Table 8.—Corporate Profits** [Seasonally adjusted at annual rates]

	Level	Change	e from pro	eceding o	uarter
	1997	1996		1997	
	III	IV	1	II	III
		Billio	ons of do	llars	
Profits from current production  Domestic industries Financial Nonfinancial Rest of the world Receipts (inflows) Payments (outflows)  IVA CCAdj Profits before tax Profits at liability Profits after tax  Cash flow from current production  Corporate profits with IVA Domestic industries Financial Nonfinancial Rest of the world	816.2 726.8 108.9 617.9 89.4 141.2 51.8 4.9 70.4 740.8 257.4 483.4 697.4 745.8 656.4 119.0 537.4	8.2 -7.5 -16.1 8.4 15.7 9.2 -6.6 6.0 1.2 -5.6 6.5 16.8 7.0 -8.8 -15.9 7.1 15.7	31.8 41.9 28.3 13.7 -10.1 -2.7 7.5 2 3.3 28.4 15.2 13.2 4.3 28.5 38.7 28.4 10.2 -10.1	15.5 12.2 .9 11.3 .8.4 5.0 2.4 1.7 11.3 8.1 11.3 13.8 10.4 1.0 9.4	21.1 32.4 1.2 31.2 -11.4 -7.1 4.3 -1.0 21.0 12.9 8.1 7.2 20.1 31.5 30.0 -11.4
			Dollars		
Unit price, costs, and profits of nonfinancial corporations: Unit price Unit labor cost Unit nonlabor cost Unit profits from current production	1.072 .694 .228 .149	0.001 .002 001 .001	0.004 .004 001 .001	0.003 .001 0 .001	0 004 001 .005

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

vehicle manufacturing. Wholesale and retail trade both increased after little change, and "other" nonfinancial corporations increased after a decrease.

Related measures.—Profits before tax (PBT) increased \$21.0 billion after increasing \$11.4 billion. The difference between the \$9.6 billion step-up in PBT and the \$5.6 billion step-up in profits from current production was mainly accounted for by inventory profits, which increased a little after decreasing. <sup>10</sup>

#### **Government Sector**

The combined current surplus of the Federal Government and State and local governments increased \$30.7 billion in the third quarter, to \$98.8 billion (table 9).<sup>11</sup> In the third quarter, the surplus as a share of gross national product was at its highest level in more than 18 years. The increase in the current surplus was attributable to a decrease in the Federal Government deficit and to an increase in the State and local government surplus.

#### Federal

The Federal Government current deficit decreased \$24.3 billion, to \$12.5 billion, in the third quarter after decreasing \$18.7 billion in the second quarter. The third-quarter deficit was the smallest since the second quarter of 1979.

Receipts.—Federal receipts increased \$30.9 billion in the third quarter after increasing \$34.0 billion in the second. The deceleration resulted from decelerations in personal tax and nontax receipts and in indirect business tax and nontax accruals that were nearly offset by a step-up in corporate profits tax accruals.

Personal tax and nontax receipts increased \$13.2 billion after increasing \$21.0 billion. The deceleration was mostly accounted for by "estimated income tax payments and final settlements, less refunds," which increased \$4.3 billion

corporations to unaffiliated foreign residents. These estimates are derived from  $_{\rm BEA}$  's international transactions accounts.

<sup>9.</sup> Industry profits, which are estimated as the sum of corporate profits before tax and the inventory valuation adjustment, 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

<sup>10.</sup> 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 shown as adjustments to business income (corporate profits and proprietors' income); they are shown as the inventory valuation adjustment with the sign reversed.

<sup>11.</sup> The NIPA estimates for the government sector are derived from financial statements for the Federal Government and for State and local governments but differ from them in several respects. The major differences are shown in NIPA tables 3.18B and 3.19, which reconcile the NIPA estimates with government financial statements; these tables were published in the October 1997 Survey of Current Business on pages 11–13.

after increasing \$9.4 billion. In addition, estate and gift taxes decreased \$0.4 billion after increasing \$1.8 billion.

Indirect business tax and nontax accruals increased \$0.2 billion after increasing \$4.0 billion. The deceleration was attributable to air transport excise taxes, which increased \$0.3 billion after increasing \$2.7 billion; the second-quarter increase resulted from the reinstatement in March of these taxes. Customs duties increased \$0.4 billion after increasing \$1.9 billion.

Corporate profits tax accruals increased \$10.9 billion after increasing \$2.8 billion. The acceleration reflected the pattern of domestic corporate profits.

Current expenditures.—Current expenditures increased \$6.7 billion in the third quarter after increasing \$15.2 billion in the second. The deceleration reflected slowdowns in consumption expenditures, transfer payments (net), and grants-in-aid to State and local governments.

Consumption expenditures increased \$0.8 billion after increasing \$6.2 billion. Expenditures for national defense increased \$0.4 billion after increasing \$4.9 billion; a deceleration in services and a downturn in durable goods more than offset an upturn in nondurable goods. Within services, the deceleration was mostly accounted for by research and development and by personnel support services. The downturn in durable goods was mostly attributable to aircraft parts and other durable goods. Nondefense consumption expenditures increased \$0.4 billion after increasing \$1.2 billion. The deceleration was mostly attributable to services, which increased \$0.6 billion after increasing \$1.3 billion. Within services, compensation of employees increased \$0.1 billion after increasing \$0.8 billion, reflecting a decrease in employment.

Transfer payments (net) increased \$3.2 billion after increasing \$5.5 billion. Transfer payments to persons increased \$4.2 billion after increasing \$5.0 billion; the deceleration was more than accounted for by military pensions and social security benefits (old-age, survivors, and disability insurance). Transfer payments to the rest of the world decreased \$0.9 billion after increasing \$0.3 billion.

Grants-in-aid to State and local governments increased \$1.7 billion after increasing \$2.9 billion. The deceleration was more than accounted for by decelerations in grants for health care, medicaid, and highways that were only partly offset by accelerations in mass transit and "other grants-in-aid."

#### State and local

The State and local government current surplus increased \$6.4 billion, to \$111.3 billion, in the third quarter after increasing \$0.2 billion in the second. The acceleration was attributable to an acceleration in receipts.

Receipts increased \$19.1 billion after increasing \$9.1 billion. Accelerations in most major categories of receipts were partly offset by a deceleration in Federal grants-in-aid.

Table 9.—Government Sector Receipts and Current Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

	Level	Chai	nge fron	preced	ding qua	rter
	1997	19	96		1997	
	III	III	IV	I	II	III
Government sector						
Receipts	2615.1	19.1	52.3	47.6	40.2	48.3
Current expenditures	2516.3	18.8	32.2	21.6	21.3	17.6
Current surplus or deficit(-)	98.8	.3	20.1	26.0	18.9	30.7
Social insurance funds	135.5 -36.8	5.0 -4.7	2.3 17.8	-2.1 28.1	2.1 16.8	3.5 27.2
Federal Government						
Receipts	1740.2	14.8	43.0	33.7	34.0	30.9
Personal tax and nontax receipts	781.1	6.9	21.8	29.4	21.0	13.2
Corporate profits tax accruals	218.6	5	-4.7	12.9	2.8	10.9
Indirect business tax and nontax accruals	92.4	1.5	18.7	-22.0	4.0	.2
Contributions for social insurance	648.1	7.0	7.2	13.3	6.2	6.6
Current expenditures	1752.7	2.8	20.6	12.0	15.2	6.7
Consumption expenditures	465.0	.3 1.5	4	4.4	6.2	.8
National defense	311.7		-1.7	-1.2	4.9	.4
Nondefense	153.3	-1.3	1.4	5.7	1.2	.4 3.2
Transfer payments (net)	794.6 784.7	4.0 3.4	15.8 4.7	8.6 21.1	5.5 5.0	3.2 4.2
To the rest of the world	9.9	.7	11.0	-12.4	.3	9
Grants-in-aid to State and local governments	224.2	-4.5	-1.2	2.1	2.9	1.7
Net interest paid	230.9	3.1	5.2	-2.9	.9	1.1
Subsidies less current surplus of government enterprises	38.0	1	1.1	1	3	1
Subsidies	34.3	.1	.3	.4	.5	0
Of which: Agricultural subsidies	7.5	0	.1	0	.1	0
Less: Current surplus of government enterprises	-3.6	.3	9	.4	.8	.3
Less: Wage accruals less disbursements	0	0	0	0	0	0
Current surplus or deficit (-)	-12.5	12.1	22.4	21.6	18.7	24.3
Social insurance funds	64.1 -76.6	4.9 7.2	2.4 20.1	-1.9 23.5	1.7 17.0	3.7 20.6
State and local governments						
Receipts	1099.1	2	8.2	16.0	9.1	19.1
Personal tax and nontax receipts	215.9	2.8	3.4	3.6	2.6	4.6
Corporate profits tax accruals	38.8	1	9	2.4	.4	2.0
Indirect business tax and nontax accruals	533.4	.5	5.7	6.9	2.0	9.4
Contributions for social insurance	86.8 224.2	1.1 -4.5	1.1 –1.2	1.1 2.1	1.2 2.9	1.4 1.7
Current expenditures	987.9	11.7	10.3	11.6	9.0	12.8
Consumption expenditures	766.6	8.9	7.4	8.4	5.7	9.2
Transfer payments to persons	314.0	3.9	4.0	4.5	4.4	4.5
Net interest paid	-65.9	-1.0	8	-1.0	9	-1.0
Less: Dividends received by government	14.7	.1	.3	.3	.4	0
Subsidies less current surplus of government enterprises	-12.1 .3	1 0	−.1 0	.2 0	.1 0	.1 0
Less: Current surplus of government enterprises	12.5	.1	0	1	2	0
Less: Wage accruals less disbursements	0	0	0	0	0	0
Ourse t 2000 los 20 deficit ( )	111.3	-11.8	-2.2	4.3	.2	6.4
Current surplus or deficit (-)	1					

Indirect business tax and nontax accruals increased \$9.4 billion after increasing \$2.0 billion; the acceleration was more than accounted for by an acceleration in "other tax and nontax accruals" and an upturn in sales taxes. "Other tax and nontax accruals" increased \$4.8 billion after increasing \$1.0 billion; this pickup was attributable to a \$3.7 billion (annual rate) payment to two States from tobacco companies as a result of out-of-court settlements of lawsuits. Sales taxes increased \$3.0 billion after decreasing \$0.6 billion, reflecting an upturn in retail sales.

Personal tax and nontax receipts increased \$4.6 billion after increasing \$2.6 billion. The acceleration was primarily attributable to income taxes.

Corporate profits tax accruals increased \$2.0 billion after increasing \$0.4 billion, reflecting the pattern of domestic corporate profits.

Current expenditures increased \$12.8 billion after increasing \$9.0 billion. The acceleration was mostly accounted for by consumption expenditures. Consumption expenditures increased \$9.2 billion after increasing \$5.7 billion; the acceleration was mostly accounted for by an upturn in nondurable goods and an acceleration in services. The upturn in nondurable goods resulted from increases in petroleum prices. The acceleration in services was in compensation of employees, reflecting an acceleration in State and local government employment, and in "other services."

# Preview of Revised NIPA Estimates for 1992 From the 1992 I-O Accounts

By Leon W Taub and Robert P. Parker

This article presents preliminary revised estimates of the major aggregates and components of the national income and product accounts (NIPA'S) for 1992. The revised estimates reflect the newly available benchmark input-output (I-O) accounts for 1992, which are presented in the November 1997 issue and in this issue of the Survey of Current Business. As part of the next comprehensive revision of the NIPA'S, the estimates will be further revised and will incorporate definitional changes and other statistical improvements.

The first part of this article provides a brief overview of the revision; the second part describes the new source data and estimating procedures incorporated into the revised estimates; and the third part identifies some of the other changes that will be introduced in the NIPA comprehensive revision.

## Preliminary revisions to NIPA major aggregates and components

The presently published and preliminary revised estimates for 1992, and the amount of the revision, are shown for the five NIPA summary accounts in table A. The revised estimates of gross domestic product (GDP) and its expenditure components are based on the 1992 I-O accounts; the revised estimates of other NIPA major aggregates and components reflect the incorporation of the I-O source data and expenditure estimates that directly affect their calculation.

The revised estimate of GDP is \$10.5 billion lower, or 0.2 percent lower, than the presently published estimate for 1992. Personal consumption expenditures (PCE) more than accounts for the downward revision. PCE for durable goods was revised down \$17.7 billion. Motor vehicles and parts was revised down \$6.6 billion, primarily reflecting reduced dealer margins; furniture and household equipment was revised down \$10.7

billion. PCE for nondurable goods was revised down \$0.9 billion. Categories of nondurable goods that were revised down include "other" nondurable goods (\$4.1 billion), clothing and shoes (\$3.7 billion), and gasoline and oil (\$1.7 billion). These downward revisions were partly offset by an upward revision to PCE for food (\$7.4 billion) that reflects an improved allocation of purchased meals and beverages at certain retail and service establishments between consumption by persons (which are included in final expenditures) and purchases by business (which are intermediate purchases and are therefore not included in final expenditures) and that reflects improved estimates of the misreporting adjustments for eating and drinking places. PCE for services was revised up \$7.6 billion. ward revisions to "other" services (\$8.4 billion) and medical care (\$6.3 billion) more than offset downward revisions to housing (\$4.2 billion) and transportation (\$3.0 billion).

Gross private domestic investment was revised up \$6.0 billion, reflecting upward revisions to nonresidential producers' durable equipment (PDE) and to structures. PDE was revised up \$4.4 billion; the revision was more than accounted for by industrial equipment and information processing and related equipment. Within information processing and related equipment, business purchases of instruments was revised up sharply, primarily as a result of a reclassification of analytical instruments from photocopy and related equipment; most other categories of information processing and related equipment were revised down. Nonresidential structures was revised up \$3.0 billion, primarily as a result of upward revisions to electric light and power structures.

Government consumption expenditures and gross investment was revised down \$6.0 billion. State and local spending was revised down \$3.9 billion as a result of the incorporation of new data from the 1992 Census of Governments. Federal spending was revised down \$2.1 billion; both defense and nondefense spending were revised

<sup>1.</sup> Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables," Survey 77 (November 1997): 36–83; and Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Requirements Tables" in this issue.

down. As shown in account 5, line 12, the government current deficit on a NIPA basis was revised down only \$1.7 billion, because the downward revision to State and local spending and a small portion of the downward revision to Federal spending were to investment rather than to current expenditures; in addition, government transfer payments to the rest of the world was revised up \$0.3 billion.<sup>2</sup>

Net exports of goods and services was revised up \$0.5 billion; a downward revision of \$2.0 billion to exports was more than offset by a downward revision of \$2.5 billion to imports. The preliminary revised estimates of exports and imports shown in account 1 are on a NIPA basis; NIPA exports and imports include, and the 1-0 accounts exclude, the value of U.S. goods that are returned to the United States from other countries, foreign goods that are reexported from the United States to other countries, and certain transactions between foreigners that involve U.S. intermediaries. These differences do not cause differences between the NIPA and 1-0 estimates of net exports.

The revised estimate of gross national income is \$10.4 billion lower, or 0.2 percent lower, than the presently published estimate. Downward revisions to rental income of persons (\$6.2 billion) and to net interest (\$5.0 billion) more than account for the revision. Gross domestic income, which differs from gross national income by net receipts of factor income, was revised down \$11.5 billion.

In the presently published estimates for 1992, GDP is \$44.8 billion larger than gross domestic income, and the statistical discrepancy—the difference between them—is positive. Reflecting the larger downward revision to gross domestic income than to GDP, the statistical discrepancy was revised up slightly, to \$45.8 billion, or to 0.7 percent of GDP.

Personal income was revised down \$11.1 billion, or 0.2 percent, largely reflecting the downward revisions to rental income of persons and to net interest (account 2). Disposable personal income—personal income less personal tax and nontax payments—was also revised down \$11.1 billion, as taxes were not revised. As a result of the larger downward revision to disposable personal income than to personal outlays, personal saving was revised down \$2.6 billion, and the personal saving rate—personal saving as a

percentage of disposable personal income—was revised from 6.2 percent to 6.1 percent.

#### New source data and estimating procedures

A variety of new source data and estimating procedures were incorporated into the 1992 benchmark 1-0 accounts. The 1-0 estimates incorporated detailed data that had not been available to be incorporated into the NIPA's, including data on industries that were covered for the first time in economic censuses—finance, insurance, and real estate industries and transportation, communication, and utility industries. The 1-0 accounts also incorporated data on sales by detailed commodity from the 1992 economic censuses and trade margins from 1992 annual surveys of merchant wholesalers and retail trade.

In addition, the detailed commodity-flow method was used to prepare the estimates of PCE and PDE in the 1-0 accounts.<sup>3</sup> This method enables the use of more of the detailed data from the economic censuses, of improved estimates of the sales of businesses with no employees in mining, manufacturing, and wholesale trade, which are excluded from the economic censuses, and of improved adjustments on the extent of underreporting of sales on tax returns used for the economic censuses.4 Other newly incorporated source data include Credit Union National Association data and additional Federal Deposit Insurance Corporation data on bank revenues, which resulted in revisions to the estimates of imputed interest.

The major source of the 1-0 estimates of foreign transactions is the U.S. balance of payments accounts (BPA's). The 1-0 accounts reflect the 1992 estimates released in the 1996 annual BPA revision; the estimates from the 1997 revision became available too late to be incorporated. During the next comprehensive NIPA revision, the estimates for 1992 and earlier years will be revised on the basis of the BPA estimates available at that time.

#### Additional NIPA changes

In the next comprehensive NIPA revision, BEA will incorporate the results of the 1992 I-O accounts as well as definitional and other statistical changes. As part of its Strategic Plan, BEA is conducting research in many areas, such as the treatment of

<sup>2.</sup> In the next comprehensive NIPA revision, the government current accounts will also be affected by the revisions to consumption of fixed capital that result from the revisions to investment.

<sup>3.</sup> For more information, see the box "Personal Consumption Expenditures and Producers' Durable Equipment" on page 39 of the November 1997

<sup>4.</sup> See Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used to Estimate the National Income and Product Accounts, 1977," Survey 64 (June 1984): 17–25.

purchases of software as investment.<sup>5</sup> In addition, BEA is exploring the accuracy of the present adjustments that are used to restate business incomes and depreciation that are reported on business income tax returns in order to conform them to the NIPA definition of investment.<sup>6</sup> BEA is

also evaluating a recent Census Bureau report on a potentially large understatement of the reported value of exports. To the extent that some of this research is completed before the comprehensive NIPA revision, the results may be incorporated into the extrapolators used in a regular annual NIPA revision.

Table A follows.

<sup>5.</sup> See "Bea's Mid-Decade Strategic Plan: A Progress Report," Survey 76 (June 1996): 52-55.

<sup>6.</sup> For more information, see the box "The Statistical Discrepancy" on page 19 of the August 1997 Survey.

#### Table A.—Summary National Income and Product Accounts, 1992

[Billions of dollars]

				י פווטוווטן		1			
Line		Pres- ently pub- lished	Pre- limi- nary revised	Revi- sion	Line		Pres- ently pub- lished	Pre- limi- nary revised	Revi- sion
		Acco	ount 1.—I	National I	ncome	and Product Account	ı		
1 2 3 4	Compensation of employees	2,970.6 2,986.4 -15.8	-15.8	0 0 0 0	36 37 38 39	Personal consumption expenditures (2–3)  Durable goods  Nondurable goods  Services	488.5 1,321.8	4,208.7 470.8 1,320.9 2,417.0	-11.1 -17.7 9 7.6
5 6 7	Supplements to wages and salaries  Employer contributions for social insurance (3–16)  Other labor income (2–8)	674.3 323.0 351.3	674.3 323.0 351.3	0 0 0	40 41 42	Gross private domestic investment (5–1)	783.4		6.0 7.6 7.4
9	Proprietors' income with inventory valuation and capital consumption adjustments (2–9).  Rental income of persons with capital consumption adjustment (2–10).	423.8 79.4	423.9 73.2	.1 -6.2	43 44 45 46	Structures Producers' durable equipment Residential Change in business inventories	169.2 388.7 225.6	172.2 393.1 225.7 5.4	3.0 4.4 .1 -1.6
10 11	Corporate profits with inventory valuation and capital consumption adjustments.  Corporate profits with inventory valuation adjustment	428.0 398.9	429.0 399.9	1.0	47 48 49	Net exports of goods and services  Exports (4–1) <sup>1</sup> Imports (4–4) <sup>1</sup>	-29.5 639.4 669.0	-29.0 637.4 666.5	.5 -2.0 -2.5
12 13 14 15 16 17	Profits before tax Profits tax liability (3–13) Profits after tax Dividends (2–12) Undistributed profits Inventory valuation adjustment	406.4 143.0 263.4 169.5 93.9 -7.5	407.4 143.0 264.4 169.5 94.9 -7.5	1.0 0 1.0 0 1.0	50 51 52 53	Government consumption expenditures and gross investment (3–1 and 5–2). Federal National defense Nondefense	1,263.8 528.0 375.8 152.2	525.9 375.0 150.9	-6.0 -2.1 8 -1.3
18 19	Capital consumption adjustment	29.1 414.3	29.1 409.3	-5.0	54	State and local	735.8	731.9	-3.9
20	National income	'		-10.1					
21 22 23	Business transfer payments To persons (2–19) To the rest of the world (4–9)	28.4 22.5 5.8	28.1 22.5 5.5	3 0 3					
24 25	Indirect business tax and nontax liability (3–14)	505.6 27.1	505.6 27.1	0 0					
26 27 28 29 30	Consumption of fixed capital (5–7) Private (5–8) Government (5–9) General government (5–10) Government enterprises (5–11)	713.5 585.4 128.2 110.2 18.0	713.5 585.4 128.2 110.2 18.0	0 0 0 0					
31	Gross national income	'	6,200.3	-10.4					
32 33	Less: Receipts of factor income from the rest of the world (4–2)  Plus: Payments of factor income to the rest of the world (4–5)	137.9 126.8	138.5 126.3	.6 5					
34	Gross domestic income			-11.5					
35	Statistical discrepancy (5–14)	i .	45.8	1.0					
	GROSS DOMESTIC PRODUCT	6,244.4	6,233.9	-10.5		GROSS DOMESTIC PRODUCT	6,244.4	6,233.9	-10.5
		Acco	ount 2.—	Personal	Incom	e and Outlay Account			
1	Personal tax and nontax payments (3-12)	650.5	650.5	0	7	Wage and salary disbursements (1-3)	2,986.4	2,986.4	0
2	Personal outlays	4,219.8	4,332.6 4,208.7	-8.4 -11.1	8	Other labor income (1–7)	351.3	351.3	0
4 5 6	Interest paid by persons (2–17) Personal transfer payments to the rest of the world (net) (4–7) Personal saving (5–4)	111.7 9.6 285.6	111.7 12.3 283.0	0 2.7 –2.6	9	Proprietors' income with inventory valuation and capital consumption adjustments (1–8).  Rental income of persons with capital consumption	423.8	423.9 73.2	.1 -6.2
	• ,				11	adjustment (1–9).  Personal dividend income	159.4	159.4	0
					12	Dividends (1–15)	169.5 10.1	10.1	0
					14 15 16 17	Personal interest income Net interest (1–19) Net interest paid by government (3–5) Interest paid by persons (2–4)		409.3 141.2 111.7	-5.0 -5.0 0
					18 19 20	Transfer payments to persons	22.5	858.2 22.5 835.7	0 0 0
					21	Less: Personal contributions for social insurance (3–17)	248.4		0
	PERSONAL TAXES, OUTLAYS, AND SAVING	5,277.2	5,266.1	-11.1		PERSONAL INCOME	5,277.2	5,266.1	-11.1

Table A.—Summary N	National Income	and Product Accounts,	1992—Continued
--------------------	-----------------	-----------------------	----------------

						<u> </u>							
Line		Pres- ently pub- lished	Pre- limi- nary revised	Revi- sion	Line		Pres- ently pub- lished	Pre- limi- nary revised	Revi- sion				
	A	ccount 3	.—Gover	nment Re	eceipts	and Expenditures Account							
1	Consumption expenditures (1–50)	1,054.7	1,052.7	-2.0	12	Personal tax and nontax payments (2-1)	650.5	650.5	0				
2	Transfer payments	852.3		.3	13	Corporate profits tax liability (1–13)	143.0	143.0	0				
3	To persons (2–20)	835.7 16.6	835.7 16.9	0 .3	14	Indirect business tax and nontax liability (1-24)	505.6	505.6	0				
5	Net interest paid (2-16)	141.2	141.2	0	15 16	Contributions for social insurance	571.4 323.0	571.4 323.0	0				
6	Less: Dividends received by government (2-13)	10.1	10.1	0	17	Employer (1-6)	248.4	323.0 248.4	0				
7	Subsidies less current surplus of government enterprises (1-25)	27.1	27.1	0									
8	Less: Wage accruals less disbursements (1-4)	0	0	0					ı				
9	Current surplus or deficit (–), national income and product accounts (5–12).	-194.6	-192.9	1.7					ı				
10 11	Federal State and local	-280.9 86.3		1.7 0					ı				
	GOVERNMENT CURRENT EXPENDITURES AND SURPLUS		1,870.6	0		GOVERNMENT RECEIPTS	1.870.6	1.870.6	0				
	Account 4.—Foreign Transactions Account												
1	Exports of goods and services (1-48) 1	639.4		-2.0	4	Imports of goods and services (1–49) <sup>1</sup>	669.0	666.5	-2.5				
2	Receipts of factor income (1–32)	137.9		.6	5	Payments of factor income (1–33)	126.8	126.3	5				
3	Capital grants received by the United States (net) (5-13)	0	0	0	6 7 8 9	Transfer payments to the rest of the world (net) From persons (net) (2–5) From government (net) (3–4) From business (1–23)	32.0 9.6 16.6 5.8	34.7 12.3 16.9 5.5	2.7 2.7 .3 3				
	 				10	Net foreign investment (5–3)	-50.5	-51.6	-1.1				
	RECEIPTS FROM THE REST OF THE WORLD	777.3	775.9	-1.4		PAYMENTS TO THE REST OF THE WORLD	777.3	775.9	-1.4				
		Acco	unt 5.—0	Fross Sav	ing and	d Investment Account							
1	Gross private domestic investment (1–40)	790.4	796.4	6.0	4	Personal saving (2-6)	285.6	283.0	-2.6				
2	Gross government investment (1-50)	209.1	205.1	-4.0	5	Wage accruals less disbursements (private) (1-4)	-15.8	-15.8	0				
3	Net foreign investment (4–10)	-50.5	-51.6	-1.1	6	Undistributed corporate profits with inventory valuation and capital consumption adjustments.	115.5	116.5	1.0				
					7 8 9 10 11	Consumption of fixed capital (1–26) Private (1–27) Government (1–28) General government (1–29) Government enterprises (1–30)	713.5 585.4 128.2 110.2 18.0	713.5 585.4 128.2 110.2 18.0	0 0 0 0				
					12	Government current surplus or deficit (–), national income and product accounts (3–9).	-194.6	-192.9	1.7				
	'				13	Capital grants received by the United States (net) (4-3)	0	0	0				
	'				14	Statistical discrepancy (1–35)	44.8	45.8	1.0				
	GROSS INVESTMENT	949.1	950.0	.9		GROSS SAVING AND STATISTICAL DISCREPANCY	949.1	950.0	.9				

<sup>1.</sup> The preliminary revised values of exports and imports differ from those in the I-O accounts by U.S. goods returned from other countries, reexports of foreign goods, and foreign-to-foreign transactions. In the I-O accounts, these items are subtracted from both exports and imports.

NOTE.—Numbers in parentheses indicate accounts and items of counterentry in the accounts. For example, the counterentry for wage and salary disbursements (2–7), is in account 2 line 7.

Source: Presently published estimates appear in the August 1997 SURVEY OF CURRENT BUSINESS.

## Federal Personal Income Tax Liabilities and Payments, 1992-95

By Thae S. Park

THIS ARTICLE presents revised estimates of ■ Federal personal income tax liabilities on a national income and product accounts (NIPA) basis for 1993-94 and new estimates for 1995 (table 1). The NIPA estimates incorporate the results of the annual revision released in July 1997 and newly available tax return data from the Internal Revenue Service.2 Revised estimates of Federal personal income taxes on a payments basis for 1993-96 were also released as part of the annual NIPA revision.3

Table 1.—Federal Personal Income Tax Liabilities and Payments, 1992-95

[Billions of dollars; quarterly data are seasonally adjusted at annual rates]

	Federa	personal taxes	income	Disposa sonal i (DI	ncome
	Liabil- ities basis <sup>1</sup>	Pay- ments basis <sup>2</sup>	Differ- ence	Alternative DPI with NIPA Federal personal income taxes on a liabilities basis	Published DPI with NIPA Federal personal income taxes on a pay- ments basis 3
1992	484.5	478.1	6.4	4,620.3	4,626.7
1993	509.5	508.1	1.4	4,827.9	4,829.2
1994	540.4	545.3	–4.9	5,057.6	5,052.7
1995	594.2	588.7	5.5	5,350.1	5,355.7
1992:I	467.5	468.4	9	4,528.4	4,527.5
II	478.1	469.7	8.4	4,589.3	4,597.7
III	484.0	477.8	6.2	4,620.9	4,627.1
IV	508.5	496.6	11.9	4,742.5	4,754.5
1993:I	483.1	487.2	-4.1	4,711.1	4,707.0
II	507.4	505.0	2.4	4,816.1	4,818.5
III	513.1	512.8	.3	4,848.4	4,848.7
IV	534.3	527.5	6.8	4,935.9	4,942.8
1994:I	513.2	524.8	-11.6	4,915.0	4,903.4
II	537.9	556.3	-18.4	5,034.5	5,016.1
III	547.2	545.3	1.9	5,096.2	5,098.2
IV	563.2	554.8	8.4	5,184.7	5,193.1
1995 I	576.9	565.2	11.7	5,274.8	5,286.6
	587.3	592.0	-4.7	5,324.3	5,319.6
	599.7	590.0	9.7	5,370.5	5,380.2
	613.0	607.7	5.3	5,431.0	5,436.2

This series is derived by the Bureau of Economic Analysis based on data from Statistics of Income: Individual Income Tax Returns.
 This series appears in table 3.2 of the "Selected NIPA Tables" in the SURVEY OF CURRENT

3. This series appears in table 2.1 of the "Selected NIPA Tables" in the Survey. NIPA National income and product account

The first section of the article discusses the use of the tax liabilities estimates and the sources of the differences between liabilities and payments. The second section presents estimates of tax liabilities for 1992-95 and discusses the sources of the differences for these years. The third section discusses the sources of the revisions to the estimates for 1993-94. The appendix describes the methods used to prepare the series for Federal personal income tax payments and liabilities.

#### Payments and liabilities

In the NIPA's, Federal personal income tax payments are recorded on a payments basis. As shown below, these payments have three components: Withheld income taxes; declarations and settlements, or "nonwithheld" taxes: and refunds.4

Federal Personal Income Tax Payments

[Billions of dollars]

	1992	1993	1994	1995
Federal personal income taxes Withheld Declarations and settlements Less: Refunds	478.1 409.4 149.3 80.6	434.8	545.3 466.4 157.2 78.3	501.6 174.6

Withhelx income taxes are those withheld at the source of the income, mainly on wage and salary income. Declarations are estimated tax payments, mostly on income that is not subject to withholding, such as capital gains and selfemployment income. Settlements are additional taxes that are paid when tax returns are filed or as the result of audits. Refunds of excess payments, including excess social security taxes, are recorded as negatives in the payments series when the refunds are made.

For certain purposes, payments data may not be the most appropriate basis of measurement. For example, households may base their consumption decisions, especially about major purchases, on their disposable income calculated net

<sup>1.</sup> For the estimates before 1993, see "Federal Personal Income Tax Liabilities and Payments, 1959-94," Survey of Current Business 76 (August 1996): 127-132.

<sup>2.</sup> See Internal Revenue Service, Statistics of Income Bulletin (Fall 1997).

<sup>3.</sup> For a discussion of the annual revisions to personal income for 1993–96, see Robert P. Parker and Eugene P. Seskin, "Annual Revision of the National Income and Product Accounts," Survey 77 (August 1997): 22-23.

<sup>4.</sup> The estimates of these components are published annually in NIPA table 3.4, most recently in the August 1997 Survey. Quarterly estimates of Federal personal income taxes are published monthly in NIPA table 3.2 in the section "BEA Current and Historical Data."

of tax liabilities rather than net of tax payments. As a result, liabilities may be the more appropriate basis for analyzing the impact of taxes on consumption and for analyzing fiscal policy.<sup>5</sup>

The following paragraphs identify the sources of differences between liabilities and payments both for income that is subject to withholding and for income that is not subject to withholding.

Income subject to withholding.—For wages and salaries that are subject to withholding, differences between liabilities and payments arise for several reasons. The most important of these reasons is that the withholding tables that are issued by the Internal Revenue Service and that are used by employers to calculate the amounts to be withheld on wages and salaries are based on two simplifying assumptions.

The first assumption is that taxpayers use the standard deduction in calculating their income tax liabilities. However, for taxpayers who itemize deductions, overwitholding will occur if they underestimate the number of additional withholding allowances that are necessary to offset the excess of their estimated itemized deductions over the standard deduction.<sup>6</sup>

The second assumption is that wages are constant throughout the year. Overwithholding may result when wages vary widely within the year and are therefore subject to varying withholding rates.

There are several other reasons for the differences between liabilities and payments. Overwithholding can occur because of the use of withholding for forced savings and the failure to estimate growth in itemized deductions.

Overwithholding may also occur because, for certain payments, withholding is based on flat rates rather than on the withholding-table rates. At the option of the employer, withholding may be based on a flat 28 percent for supplemental wages (such as bonuses, commissions, and overtime pay) and on a flat 20 percent for taxable fringe benefits. For interest, dividends, and certain other types of income, 31 percent is withheld if the recipient fails to furnish an accurate taxpayer identification number (this withholding

was initiated in 1984 as a compliance measure). For certain gambling winnings of more than \$5,000, withholding must be at a flat 28 percent. These treatments will cause overwitholding when the income is actually taxed at a lower rate.

Payments and liabilities may differ because withholding tables may not always be updated to coincide with changes in liabilities: Tax law provisions are usually effective on January 1, but the tables are sometimes updated later. The tables are usually updated to reflect changes in the standard deduction, exemptions, and tax rates, but they are not usually updated to reflect changes in the provisions affecting itemized deductions or adjustments to gross income.

Differences may also arise because, for pensions and annuities and for sick pay from other than an employer, withholding is at the taxpayer's option.

For all these reasons, there has been persistent overwitholding of taxes on income subject to withholding despite an attempt to reduce overwitholding through the redesign of the withholding tables in 1992. Much of this overwithholding on withheld income may not, on net, represent overwithholding on total income (that is, total payments in excess of total liabilities). Individuals may choose to withhold more than would be required on the basis of their wage and salary income and other withheld income in order to offset expected taxes on capital gains and other nonwithheld income; as a result, payments and liabilities on total income will be roughly equal at the end of the quarter or the tax year. This type of overwithholding may help explain the tendency for withheld income taxes to rise in relation to wage and salary income during periods of rapid appreciation in the stock market.

Income not subject to withholding.—For income that is not subject to withholding (such as selfemployment income, capital gains, taxable social security benefits, and most interest, dividends, and pensions and annuities), differences arise for two reasons. First, the proportion of the current year's liabilities that must be paid in estimated taxes to avoid a penalty is less than 100 percent. Second, settlements and the last installment of quarterly estimated taxes are due in the year after the liabilities were incurred. Refunds also are made in the year after the liabilities were incurred. Quarterly estimated taxes, settlements, and refunds are recorded in the payments series in the calendar months in which they are received or paid by the Treasury Department. As a result, payments of nonwithheld taxes during a year may not reflect that year's income.

<sup>5.</sup> The BEA series for Federal personal income tax liabilities is derived primarily from the estimates of "total income tax" from the Internal Revenue Service's, *Statistics of Income: Individual Income Tax Returns (so1)*. The *so1's* total income tax is the sum of income tax after credits and the alternative minimum tax and is on a liabilities basis.

<sup>6.</sup> Employees must fill out "Employee's Withholding Allowance Certificate" (Form w-4) so that their employers can withhold the correct amount of Federal income tax from their pay. The number of withholding allowances may be based on estimated itemized deductions or adjustments to gross income, in addition to the number of personal and dependency exemptions and filing status.

As a result of these factors, nonwitheld tax payments (declarations and settlements) tend to be less than liabilities. However, as noted earlier, overwitholding on wage and salary income tends to offset much of this shortfall, and the net difference between total payments and total liabilities is smaller than the difference that would be expected by an examination of only withheld income taxes or nonwitheld income taxes.

In addition to the timing differences between payments and liabilities in withheld and non-withheld income taxes, there are measurement errors that cannot be isolated from the timing-basis differences just discussed. These errors include sampling and nonsampling errors with the *Statistics of Income (soi)* sample, reporting and processing errors with the financial statements for the Federal Government and with employment tax return tabulations from the Social Security Administration, and estimating errors with the NIPA payments series and with the liabilities series.

#### Tax liabilities for 1992-95

Liabilities exceeded payments in 1992, 1993, and 1995, and payments exceeded liabilities in 1994.<sup>7</sup> The excess of liabilities for 1992 was partly due to the introduction of "new" withholding tables that reduced the extent of overwithholding. The new tables, which became effective for wages paid after February 1992, did not affect 1992 tax liabilities, but they reduced 1992 tax payments.

Both the excess of liabilities for 1993 and the excess of payments for 1994 were partly due to provisions of the Omnibus Budget Reconciliation

Acx of 1993; retroactive to January 1, 1993, these provisions increased the marginal tax rates for high-income individuals, but they did not update the withholding tables to reflect the changes in liabilities. These individuals were given the option to pay their additional 1993 income taxes in three equal annual installments in 1994, 1995, and 1996. The *soi* data show that about \$4 billion of the 1993 income taxes was deferred to each year.

For 1995, tax liabilities exceeded tax payments by \$5.5 billion. The excess reflected a large increase in nonwage income. Because most of this income is not subject to withholding, much of the increase in income tax liabilities on this income was paid when tax returns were filed in 1996. The *soi* data show that nonwage income increased 11.9 percent in 1995, compared with a 5.8-percent increase in wage income; taxable interest increased 22.7 percent, and capital gains increased 16.4 percent. (In 1994, nonwage income increased 6 percent; in 1993, nonwage income increased 3.1 percent, and wage income increased 1 percent.)

#### Sources of revisions for 1993-94

The revisions to the annual liabilities and payments series for 1993–94 reflect the incorporation of revised estimates from the annual revision of the NIPA's. The revision to the annual tax liabilities for 1994 also reflects the incorporation of revised *soi* data. The revisions to the annual liabilities and the annual payments are largely offsetting, so the revisions to the difference between the two series are small (table 2). The revisions to the quarterly liabilities reflect the pattern of the revisions to the quarterly NIPA estimates of personal income.

Table 2.—Revisions to Federal Personal Income Tax Liabilities and Payments, 1993–94
[Billions of dollars; quarterly data are seasonally adjusted at annual rates]

	L	iabilities bas	sis	Pa	yments bas	sis		Difference	
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
1993	510.4	509.5	-0.9	509.2	508.1	-1.1	1.2	1.4	0.2
1994	539.2	540.4	1.2	544.5	545.3	.8	-5.3	-4.9	.4
1993:I	486.3	483.1	-3.2	487.8	487.2	6	-1.5	-4.1	-2.6
	506.6	507.4	.8	506.7	505.0	-1.7	1	2.4	2.5
	514.2	513.1	-1.1	514.7	512.8	-1.9	5	.3	.8
	534.3	534.3	0	527.6	527.5	1	6.7	6.8	.1
1994:I	508.6	513.2	4.6	522.6	524.8	2.2	-14.0	-11.6	2.4
	539.3	537.9	-1.4	553.0	556.3	3.3	-13.7	-18.4	-4.7
	546.9	547.2	.3	544.0	545.3	1.3	2.9	1.9	-1.0
	562.1	563.2	1.1	558.4	554.8	-3.6	3.7	8.4	4.7

<sup>7.</sup> The differences for prior years are explained in various Survey articles. For example, see "Federal Income Tax Liabilities and Payments, 1986–91," Survey 72 (August 1992): 34–35; and "Federal Personal Income Tax Liabilities and Payments, 1990–92," Survey 73 (November 1993): 67.

#### **Appendix: Estimating Methods**

The appendix describes the methods used to derive the Federal personal income tax payments and liabilities series.

#### Tax payments

The series for Federal personal income tax payments is presented in NIPA tables 3.2 and 3.4. As mentioned earlier, Federal personal income taxes consists of three components: Withheld taxes, declarations and settlements, and refunds.

The NIPA series is derived primarily from financial statements for the Federal Government and from tabulations of employment tax returns from the Social Security Administration.<sup>8</sup> The three components of the payments series are estimated separately.

The NIPA estimates of withheld income taxes are based on data on withheld taxes from the Monthly Treasury Statement of Receipts and Outlays of the United States Government (MTS) and from other Treasury Department sources. The Treasury Department's data are on a collections (when-received) basis and are the combination of withheld individual income taxes and withheld social security taxes (including employer taxes). BEA makes quarterly adjustments to account for the lag between the date that the taxes are paid by individuals (payday) and the date that the payment is received by the Treasury Department from employers. The NIPA estimates of withheld income taxes are derived from the adjusted data by subtracting (1) estimates of withheld social security taxes from Social Security Administration tabulations of employment tax returns filed by employers, (2) estimates of interest charges on late taxes from the Internal Revenue Service (IRS), and (3) estimates from BEA's balance of payments accounts of withheld taxes paid by taxpayers who are considered nonresidents of the United States.

The NIPA estimates of nonwithheld income taxes are based on MTS data on the collections of "other" individual income taxes, contributions to presidential election campaign funds, and social security taxes under the Self-Employment Contributions Act (SECA). (No timing adjustment is made for nonwithheld taxes, because it is assumed that they are paid when received by the Treasury.) The NIPA estimates of nonwithheld income taxes are derived from this total by subtracting (1) estimates of SECA taxes from the Social Security Administration, (2) estimates of interest charges on late taxes from the IRS, and (3) estimates from BEA's balance of payments accounts of nonwithheld taxes paid by nonresidents of the United States and by adding a small amount of "excise" taxes paid by exempt organizations.

The NIPA estimates of refunds are also based on MTS data.

#### Tax liabilities

The BEA series for Federal personal income tax liabilities is derived primarily from *soi* estimates of "total income tax," which are based on a sample of individual income tax returns before audits. The *soi* estimates are adjusted as follows so that the coverage of the liabilities series will be comparable with that of the NIPA payments series (table 3).

Table 3.—Coverage Adjustments in the Derivation of BEA Federal Personal Income Tax Liabilities, 1992–95
[Billions of dollars]

				Plus	3:				Le	ss:		
	SOI total income tax <sup>1</sup>	Recapture tax <sup>2</sup>	Pen- alties related to retire- ment plans and other taxes 3	Estimated tax penalty <sup>4</sup>	Exempt organi- zations excise tax <sup>5</sup>	Fiduci- ary income tax	Additional assessments net of refunds	EIC used to offset non-income taxes	Excess social security taxes withheld	Taxes paid by non-resident U.S. citizens abroad	Rebate	Equals: BEA Federal personal income tax liabilities
1992 1993 1994 1995	476.2 502.8 534.9 588.4	0 0 0 0	1.5 1.4 1.5 1.9	0.6 .6 .7	0.3 .3 .2 .3	6.1 6.0 6.2 5.2	2.6 1.8 1.2 2.4	1.0 1.2 1.7 2.0	0.8 .9 .9 1.1	1.0 1.4 1.7 1.8		484.5 509.5 540.4 594.2

SOI estimates of total income tax are the sum of income tax after credits and the alternative minimum tax (or the additional tax for tax preferences).

<sup>8.</sup> The U.S. Department of the Treasury, Financial Management Service, Monthly Treasury Statement of Receipts and Outlays of the United States Government and unpublished detail; and U.S. Department of Health and Human Services, Social Security Administration, Social Security Bulletin: Annual Statistical Supplement.

<sup>2.</sup> Recapture taxes from recomputing prior year investment, work inventive, and other recapture

credits.

3. Includes penalty tax on early or excess distributions from individual retirement accounts, from qualified employer plans, from qualified annuity plans, and from tax-sheltered annuity plans. Also includes uncollected social security taxes on tips and on group-term life insurance, penalty tax on excess golden parachute payments, and Sec 72(m)(5) penalty taxes on excess distributions from qualified pensions or annuity plans of the self-employed.

<sup>4.</sup> Predetermined penalty for underpaying estimated taxes, calculated by the taxpayer when the return was initially filed.

Includes a 2-percent excise tax on the net investment income of private foundations and other penalty taxes of private foundations.
 BEA Bureau of Economic Analysis

EIC Earned income credit

SOI Statistics of Income

First, recapture taxes, penalties and other taxes (related to retirement plans, to the underpayment of estimated taxes, to uncollected employee social security taxes on tips and on group-term life insurance, and to excess "golden parachute payments"), and exempt organizations excise taxes are added to the *sor* estimates; excess social security taxes and the earned income credit (EIC) that is used to offset nonincome taxes are then subtracted. Second, fiduciary income taxes are added, because personal income includes fiduciary income. <sup>10</sup>

Third, additional assessments from audits, net of refunds on amended returns (Form 1040x), are added because they are excluded from the soi estimates. Fourth, income taxes paid by U.S. citizens living abroad for more than a year are subtracted, because these citizens are considered nonresidents of the United States. The soi estimates include these taxes, because these citizens are generally taxed on their worldwide income regardless of the geographic sources of their income and regardless of how long they have been living abroad.

The quarterly estimates of personal income tax liability are derived by interpolation of the annual estimates; quarterly estimates of selected components of NIPA personal income are used as indicators. The quarterly estimates of withheld personal income tax payments are interpolated using quarterly NIPA wage and salary disbursements as an indicator. The combined quarterly estimates of declarations and settlements less refunds are interpolated without an indicator, but allowances are made for changes in tax laws.

<sup>9.</sup> The EIC is available to low-income workers whose earned income and adjusted gross income are both less than certain threshold levels (\$9,230 with no children, \$24,396 with one qualifying child, and \$26,673 with more than one qualifying child for 1995); the EIC is intended primarily to offset the social security taxes on these workers. The EIC is first used to reduce income taxes, and then, if it is large enough, it is used to reduce nonincome taxes. Any EIC in excess of total tax liability is refundable. The refundable portion is included in the transfer payments component of personal income rather than as a negative income tax in the payments series.

<sup>10.</sup> In the NIPA's, persons consist of individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds.

# Benchmark Input-Output Accounts for the U.S. Economy, 1992

### Requirements Tables

By Ann M. Lawson

THIS ARTICLE is the second of two articles that present the 1992 benchmark inputoutput (1-0) accounts for the U.S. economy. Last month's article discussed the procedures used for the 1992 benchmark accounts and described the concepts and methods underlying the accounts; it presented, and illustrated how to use, the 1-0 make (production) table (table 1) and the use (consumption) table (tables 2.1 and 2.2).1 This article presents, and illustrates how to use, the three remaining basic 1-0 tables: The commodityby-industry direct requirements for a dollar of industry output; the commodity-by-commodity total requirements, direct and indirect, for a dollar of delivery to final use; and the industryby-commodity total requirements, direct and indirect, for a dollar of delivery to final use.

The 1-0 requirements tables are an important analytical tool because they show the interdependence among the producers and consumers in the economy. Using these tables, analysts can estimate the direct and indirect effects of changes in final uses on industries and commodities. For example, these tables can be used to analyze the relative effects on industries and commodities of a decrease in Federal Government consumption expenditures or of a change in the composition of personal consumption expenditures that results from a change in consumer tastes.<sup>2</sup>

## The commodity-by-industry direct requirements table

The commodity-by-industry direct requirements for a dollar of industry output are presented in two parts: Table 3.1 shows the input coefficients for each commodity that an industry requires to produce a dollar of output; table 3.2 shows component detail for the value-added input coefficients that an industry requires to produce a dollar of output. The input coefficients in both tables are also referred to as "direct requirements coefficients." The sum of the coefficients for total intermediate inputs and for the total value added for each industry is equal to 1.00000.

Tables 3.1 and 3.2 are derived from tables 2.1 and 2.2, respectively, by dividing each industry's commodity or value-added input by that industry's total output. However, table 3.1, unlike table 2.1, does not include the components of final uses or gross domestic product.

In table 3.1, each column shows, for the industry named at the head of the column, the input coefficients for the commodities and for the total value added that an industry directly requires to produce a dollar of output. Each row shows the commodity or the total value added that the industry requires. For example, to produce a dollar of output, the industry "radio and  $\tau v$  broadcasting" (column 67) has direct requirements for 2.1 cents (calculated as 100 cents  $\times$  0.02064 from the table) of the commodity "radio and  $\tau v$  broadcasting" (row 67) and 2.8 cents of the commodity "advertising" (row 73D).

In table 3.2, industries are shown in the rows, and the total output, the total intermediate inputs, and the components of value added that are required to produce a dollar of output are shown in the columns. For example, to produce a dollar of output, the industry "radio and TV broadcasting" (row 67) has direct requirements for 40.2 cents of total value added; these requirements consist of 28.6 cents of compensation of employees, 1.8 cents of indirect business tax and nontax liability, and 9.8 cents of "other value added." The industry has direct requirements for 59.8 cents of intermediate inputs, which are shown in detail in column 67 of table 3.1.

<sup>1.</sup> Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables," Survey of Current Business 77 (November 1997): 36–82.

<sup>2.</sup> As noted in last month's article, analysts using the 1-0 tables to estimate the effects of changes in final uses on industries and commodities need to be aware of the underlying 1-0 assumptions. For example, the 1-0 tables are based on a set of relationships that exist between producers and consumers in a given year; these relationships reflect constant technology and relative prices. The interindustry relationships reflect the average input structure in each industry for that year, but these relationships do not necessarily reflect those of an additional unit of production. Therefore, for analyses that require alternative assumptions, other economic tools may be required.

In table 1, the total output of the commodity "household appliances" (column 54) was \$16,833 million. The industry "household appliances" (row 54) produced \$16,033 million, or 95.2 percent, of this commodity; the industry "audio, video, and communication equipment" (row 56) produced \$268 million, or 1.6 percent, and 18 other industries produced the rest. Based on these proportions, production in the household appliances industry would initially increase \$952 million (\$1 billion  $\times$  0.952) to meet the \$1 billion increase in household appliances sold to final users. Production in the audio, video, and communication equipment industry would increase \$16 million (\$1 billion  $\times$  0.016), and production in the 18 other industries would increase \$32 million.

Table 3.1 can then be used to determine the commodity inputs required by each indus-

try to produce its share of the \$1 billion of household appliances sold to final users. The commodities required by the household appliances industry will be traced first. For example, column 54 in table 3.1 shows that the household appliances industry would require, in addition to other commodity inputs, \$1.2 million (\$952.0 million  $\times$  0.00126) of the commodity "household appliances" (row 54); to provide this commodity input, the industry's production would have to increase an additional \$1.1 million (\$1.2 million  $\times$  0.952). Thus, the increase in the production of the household appliances industry would be \$953.1 million (\$952.0 million for final users plus \$1.1 million for its own intermediate use). In turn, this production would require \$65.1 million (\$953.1 million X 0.06835) of primary iron and steel manufacturing (row 37), \$83.0 million (\$953.1 million  $\times$ 0.08710) of rubber and miscellaneous plastics products (row 32), and so on down the column. From table 3.2, the value added required by the household appliances industry would total \$335.9 million (\$953.1 million  $\times$  0.35243). Of this total, \$200.9 million (\$953.1 million  $\times$  0.21075) is for compensation of employees, \$7.4 million (\$953.1 million  $\times$  0.00781) is for indirect business tax and nontax liability, and \$127.6 million (\$953.1 million  $\times$  0.13387) is for "other value added."

#### **Data Availability**

This article presents the summary estimates of the 1992 benchmark input-output (1-0) accounts in the requirements tables for 97 industries. The summary estimates of the accounts in the make of commodities (production) by industries and the use of commodities (consumption) by industries was presented in the November 1997 Survey of Current Business.

These summary estimates and more detailed estimates for 498 industries at the 1-0 six-digit level, including a discussion of the matrix algebra underlying the derivation of the tables, are available on the following diskettes:

- The summary estimates for the make, use, and requirements tables, including estimates of make and use on an approximate 1987 Standard Industrial Classification (SIC) basis—product number NDN-0180, one diskette for \$20
- The estimates of make, use, and direct requirements at the 1-0 six-digit level—product number NDN-0178, three diskettes for \$60
- The alternative estimates of make and use on an approximate sic basis at the i-o six-digit level—product number NDN-0179, two diskettes for \$40

- The estimates of industry-by-commodity total requirements at the 1-0 six-digit level—product number NDN-0183, two diskettes for \$40
- The estimates of commodity-by-commodity total requirements at the 1-0 six-digit level—product number NDN-0184, two diskettes, for \$40
- The estimates of the 1-0 commodity composition of final demand in the national income and product accounts (NIPA's) at the 1-0 six-digit level—product number NDN-0185, one diskette for \$20
- The estimates of the I-O commodity composition of NIPA personal consumption expenditures and producers' durable equipment at the I-O six-digit level—product number NDN-0186, one diskette for \$20

To order these diskettes using MasterCard or Visa, call the Bea Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666). To order by mail, send a check payable to "Bureau of Economic Analysis, Be–53" to Bea Order Desk, Bureau of Economic Analysis, Be–53, U.S. Department of Commerce, Washington, DC 20230.

The information in tables 1 and 3.1 can now be used to trace the continuing repercussions of the \$953.1 million of additional output produced by the household appliances industry on the output of other industries. For example, to supply the primary iron and steel required by the household appliances industry, the industry "primary iron and steel manufacturing" (column 37 in table 3.1) requires \$12.0 million (\$65.1 million  $\times$  0.18508) of the commodity "primary iron and steel manufacturing" (row 37 in table 3.1)—of which it produces \$11.8 million (\$12.0 million  $\times$  0.987 derived from table 1) and all other industries produce \$0.2 million (\$12.0 million  $\times$  0.013). Other commodities required by the primary iron and steel manufacturing industry include \$1.3 million (\$76.9 million  $\times$  0.01663) of general industrial machinery and equipment (row 49), \$1.4 million (\$76.9 million  $\times$  0.01762) of coal mining (row Similarly, all the other in-7), and so on. dustries that produce primary iron and steel manufacturing (column 37 in table 1) as secondary products-such as primary nonferrous metals manufacturing (row 38 in table 1)—would also require commodities to produce their shares of the output of primary iron and steel manufacturing that is required by the household appliances industry.

Similarly, the continuing effects on each industry producing its share of the \$1 billion of household appliances sold to final users can be traced, and the increase in production required from each industry can be derived. For each industry that produces household appliances, either as a primary product or as a secondary product, the direct requirements coefficients corresponding to that industry are used from table 3.1. For example, for household appliances as a primary product of the household appliances industry, the direct requirements coefficients from column 54 in table 3.1 are used; for household appliances as a secondary product of the audio, video, and communication equipment industry, the coefficients from column 56 are used.

#### The total requirements tables

This section presents the two total requirements tables: The commodity-by-commodity total requirements table (table 4) and the industry-by-commodity total requirements table (table 5). These tables—which combine the information in tables 1 and 3.1—completely trace and summarize as a multiplier the continuing repercussions

of a dollar change in the final use of a specified commodity.<sup>3</sup>

The commodity-by-commodity total requirements table.—Table 4 shows the inputs of each commodity that are directly and indirectly required to deliver a dollar of the commodity to final users. Each column shows the commodity delivered to final users, and each row shows the total production of the commodity that is required. The coefficients in this table are referred to as "commodity-by-commodity total requirements coefficients." The table is derived from both the make and use tables.

In the household appliances example, the total requirements for each commodity can be calculated from the entries in column 54. Providing consumers with \$1 billion of household appliances would require \$1,001.3 million (\$1 billion  $\times$  1.00133) of household appliances (row 54) from all industries. Similarly, it would require \$15.3 million (\$1 billion  $\times$  0.01530) of paperboard containers and boxes (row 25), \$51.5 million (\$1 billion  $\times$  0.05153) of plastics and synthetic materials (row 28), and so on.

The total at the bottom of each column in table 4 is the sum of all the changes in commodity outputs that are required to deliver a dollar of a commodity to final users. Because each total change is a dollar multiple of the initial dollar spent for the output of the given commodity, the total change in output is often called the total commodity output multiplier.

These multipliers can be used to estimate the impact of changes in the final uses of commodities on total commodity output. For example, for the household appliances commodity (column 54), the total commodity output multiplier is 2.33419 (the sum of all the entries in the column). The total dollar change in all commodity output that is required for an additional \$1 billion of household appliances delivered to final users is \$2,334.2 million (\$1 billion × 2.33419).

The industry-by-commodity total requirements table.—Table 5 shows the input requirements coefficients for the output from each industry that is directly and indirectly required to deliver a dollar of a commodity to final users. Each column

<sup>3.</sup> The final-use multipliers presented in this article identify the cumulative effects on total industry and commodity outputs that result from a change in final use. In contrast to conventional macroeconomic multipliers that measure the cumulative impact on final output of a policy change, such as the decline in gop that results from a reduction in government spending, these final-use multipliers measure the impact of a change in final demand (uses) on gross output (final and intermediate output). Indeed, shifts in the composition of final uses can have a "multiple" impact on industry and commodity output but can have no effect on the level of total gop.

shows the commodity delivered to final users, and each row shows the total production that is required from an industry. The coefficients in this table are referred to as "industry-by-commodity total requirements coefficients." The table is also derived from both the make and use tables.

The calculations made using this table are similar to those using the commodity-by-commodity total requirements table. For example, to provide final users with an additional \$1 billion of household appliances, the household appliances industry (row 54) is required to produce \$954.3 million (\$1 billion  $\times$  0.95433) of industry output; the paperboard containers and boxes industry (row 25) is required to produce \$15.5 million (\$1 billion  $\times$  0.01545) of industry output, the plastics and synthetic materials industry (row 28) is required to produce \$45.1 million (\$1 billion  $\times$  0.04510) of industry output, and so on.

The total at the bottom of each column in table 5 is the sum of all the changes in industry outputs that are required to deliver a dollar of a commodity to final users. Because each total change is a dollar multiple of the initial dollar spent for the output of the given industry, the total change in output is often called the total industry output multiplier.

These multipliers can be used to estimate the impact of changes in the final uses of com-

modities on total industry output. For example, the total industry output multiplier for the household appliances commodity (column 54) is 2.31873 (the sum of all the entries in the column). The total dollar change in the output of all industries that is required for an additional \$1 billion of household appliances delivered to final uses is \$2,318.7 million (\$1 billion  $\times$  2.31873).

Comparison of total multipliers.—The total multipliers in tables 4 and 5 are similar but not identical. The main reason for the difference is that the total commodity output multipliers in table 4 include "noncomparable imports," which by definition, do not have a domestic industry counterpart and are not included in the total industry output multipliers in table 5.

When using the two total requirements tables, one should be aware that the amount of output required to deliver a dollar of commodity to final users may include both imported commodities and domestically produced commodities. However, both the total commodity output multiplier and the total industry output multiplier represent the output required as if all of the commodity were domestically produced. Therefore, if a portion of the commodity was imported, the impact on domestic output would be lower than that implied by the multiplier.

Tables 3.1 through 5 follow.

#### Table 3.1.—Commodity-by-Industry

	ון							equiremen	ts per dollar				
Com- modity number	For the composition of inputs to an industry, read the column for that industry	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agri- cultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Non- metallic minerals mining	New con- struction	Mainte- nance and repair con- struction	Ordnance and access- ories	Food and kindred products
	Industry number	1	2	3	4	5+6	7	8	9+10	11	12	13	14
1 2	Livestock and livestock products Other agricultural products	0.13260 .24236	0.00005 .02811	0.00687	0.02379 .11185			.00001		.00266	.00297		0.17618 .07776
3	Forestry and fishery products Agricultural, forestry, and fishery services	.04426		.02725	.00135	.00149	.00063	.00003	.00044	.00200	.00237	.00097	.00731 .00029
5+6 7	Metallic ores mining  Coal mining					.19379	.11301		.00044			.00008	.00023
8 9+10	Crude petroleum and natural gas Nonmetallic minerals mining	.00008	.00267		.00007	.00140	.00037	.19262	.00424	.00720	.00969		
11	New construction  Maintenance and repair construction	.01090		.03485	.00007		.00037	.02176	.00738	.00037	.00069	.00571	.00417
13 14	Ordnance and accessories Food and kindred products			.03403	.00333							.01405	.15563
15 16	Tobacco products  Broad and narrow fabrics, yarn and thread mills		.00247				.00312					.00054	
17 18	Miscellaneous textile goods and floor coverings  Apparel	.00152	.00197	.00583	.00283		.00012	.00001		.00260	.00297	.00050	.00005
19 20+21	Miscellaneous fabricated textile products  Lumber and wood products	.00048	.00151 .00425	.00094	.00297	.00335	.00249	.00001		.00064	.00081	.00202	.00018
22+23 24	Furniture and fixtures Paper and allied products, except containers	.00231	.00232	.00177	.00025	.00037	.00015	.00001	.00066	.00295	.00002	.00027	.01261
25 26A	Paperboard containers and boxes Newspapers and periodicals	.00007	.00672	.00239	.00481	.00037	.00013	.00001	.00015	.00058	.00064	.00194	.01929
26B 27A	Other printing and publishing	.00007	.00007	.00094	.00010	.04791	.00004	.00001	.00007	.00029	.00035	.00804	.00291
27B 28	Agricultural fertilizers and chemicals Plastics and synthetic materials	.00235	.07718	.00291	.07706	.00009	.00007			(*)		.00082	.00040
29A 29B	Drugs Cleaning and toilet preparations	.00315		.00146	.00004			.00005		.00032	.00050		.00313
30 31	Paints and allied products Petroleum refining and related products	.00870	.02712	.03568	.00025 .00619	.02428	.02352	.00001	.03603	.00899	.00932	.00031	.00314
32 33+34	Rubber and miscellaneous plastics products Footwear, leather, and leather products	.00433	.00559	.00073	.00113	.00837	.00903	.00014	.01074	.01540	.01753	.01390	.01806
35 36	Glass and glass products Stone and clay products	.00009	.00126		.00039	.00540	.00386	.00001	.00051	.00231	.00070	.00140	.00983
37 38	Primary inon and steel manufacturing Primary nonferrous metals manufacturing	.00012	.000120		.00010	.02670	.00305	.01130	.01169	.00810	.00683	.01436	
39 40	Metal containers Heating, plumbing, and fabricated structural metal products	.00022	.00023	.00021		.00754	.00264	.00036	.00373	.05152	.04206		.02307
41 42	Screw machine products and stampings Other fabricated metal products	.00022	.00239	.00083	.00237	.00121	.00498	.00425	.00080	.00062	.00050	.00660	.00147 .00301
43 44+45	Engines and turbines Farm, construction, and mining machinery	.00132	.00233	.00125	.00237	.00251	.00346	.00021	.00307	.00198	.00183	.00085	.00001
46 47	Materials handling machinery and equipment  Metalworking machinery and equipment	.00270	.00032		.00078	.00614	.00583	.00049	.01367	.00190	.00010	.00144	.00011
48 49	Special industry machinery and equipment  General industrial machinery and equipment	.00034	.00042	.00010	.00004	.00326	.00019	.00018	.00022	.00070	.00047	.00314	.00011
50 51	Miscellaneous machinery, except electrical  Computer and office equipment	.00055	.00127	.00010	.00046	.00214	.00424	.00160	.00102	.00052	.00003	.00625	.00042
52 53	Service industry machinery Electrical industrial equipment and apparatus	.00010	.00020	.00021	.00007	.00140	.00015	.00004	.00015	.01098	.01062 .00462	.00644	.00011 .00024
54 55	Household appliances Electric lighting and wiring equipment	.00039	.00042	.00021	.00067		.00059	.00009	.00022	.00207	.00248	.00078	.00023
56 57	Audio, video, and communication equipment Electronic components and accessories									.00415	.00282	.01091	
58 59A	Miscellaneous electrical machinery and supplies  Motor vehicles (passenger cars and trucks)	.00203	.00458	.00052	.00103	.00028	.00026	.00009	.00088	.00214	.00197	.00027	.00004
59B 60	Truck and bus bodies, trailers, and motor vehicles parts	.00063	.00129	.00281	.00152	.00140	.00126	.00038	.00351	.00121	.00146	.00004 .07671	.00048
61 62	Other transportation equipment			.00146	.00032	.00019	.00004	.00001		.00014 .00329	.00016 .00264	.03125	.00002
63 64	Ophthalmic and photographic equipment	.00032	.00043		.00028 .00014	.00019	.00011 .00015	.00010 .00004	.00037	.00011	.00010 .00329	.00023	.00002 .00006
65A 65B	Railroads and related services; passenger ground transportation	.01276 .02112	.00265 .01055	.00135 .00270	.00212 .00878	.00530 .01330	.02857 .01155	.00152 .00239	.00431 .01659	.00182 .01541	.00219 .01583	.00116 .00691	.00632 .01508
65C 65D	Water transportation	.00126 .00016	.00175 .00076	.01612 .00333	.00046 .01165	.00149 .00316	.00531 .00353	.00251 .00233	.00073 .00278	.00101 .00140	.00128 .00147	.00446	.00212 .00340
65E 66	Pipelines, freight forwarders, and related services	.00098 .00250	.00019 .00231	.00010 .00135	.00007 .00329	.00009 .00242	.00019 .00134	.00009	.00015 .00292	.00002 .00387	.00003 .00456	.00004	.00003 .00147
67 68A	Radio and TV broadcasting	.01869	.00795	.00073	.00177	.07396	.02177	.01543	.04992	.00155	.00175	.00858	.00828
68B 68C	Gas production and distribution (utilities)	.00117	.00290 .00502	.00021 .00156	.00007	.00716	.00130 .00011	.02677 .00079	.02003 .00058	.00025 .00111	.00134	.00171	.00405 .00129
69A 69B	Wholesale trade	.05389	.05514	.02112 .00208	.03448 .00028	.02810 .00140	.03143 .00137	.00887 .00120	.03472 .00329	.03972 .04023	.03921 .04519	.02543 .00012	.05507 .00186
70A 70B	Finance Insurance	.00509 .00340	.00470 .00343	.00822 .00499	.00616 .00273	.00744 .00242	.00680 .00163	.00559 .00107	.00943 .00336	.00642 .00593	.00598 .00379	.00668 .00136	.00655 .00166
71A 71B	Owner-occupied dwellings	.04342	.08657	.00125	.00761	.00875	.02099	.16307	.01155	.00542	.00583	.00959	.00397
72A 72B	Hotels and lodging places	.00027 .00028	.00033	.00291 .00062	.00152 .00255	.00298 .00047	.00301 .00030	.00251	.00278 .00029	.00089	.00100 .00066	.00303	.00260 .00114
73A 73B	Computer and data processing services	.00058 .00066	.00055 .00069	.00135 .02309	.00057 .01458	.00214 .01442	.00085 .01516	.00109 .01786	.00380 .00957	.00074 .06870	.00091 .03624	.00870 .00497	.00165 .00287
73C 73D	Other business and professional services, except medical	.00470 .00012		.01654 .00062	.01087 .00358	.01247 .00047	.00747 .00052	.00364 .00121	.00877 .00314	.02920 .00075	.03319 .00084	.01545 .00485	.00996 .02584
74 75	Eating and drinking places	.00010 .00202		.00364 .00572	.00205 .01313	.00391 .00456	.00357 .00167	.00296 .00107	.00402 .00219	.00110 .00657	.00122 .00816	.00400 .00206	.00320 .00375
76 77A	Amusements	.01545		.00021	.00775	.00009	.00030	.00028	.00007	.00012	.00015	.00019	.00049
77B 78	Educational and social services, and membership organizations	.00059 .00010	.00058 .00009	.00260 .00062	.00064 .00099	.00167 .00084	.00197 .00004	.00076	.00058 .00058	.00006 .00102	.00005 .00123	.00070 .00016	.00061 .00041
79 80	State and local government enterprises	.00017	.00033 .00042	.00010	.00057	.00037 .00781	.00011 .00085	.00002 .00980	.00146	.00003	.00004	.00054 .00023	.00088 .00122
81 82	Scrap, used and secondhand goods				.00007					.00001	.00001		
83 84	Rest of the world adjustment to final uses												
85 I	Inventory valuation adjustment	.82948	.46682	.50005	.39889	.59717	.41286	.53200	.39965	.55625	.50602	.42038	.69392
VA T	Value added	.17052 <b>1.00000</b>	.53318	.49995 <b>1.00000</b>	.60111 <b>1.00000</b>	.40283 <b>1.00000</b>	.58714 <b>1.00000</b>	.46800 <b>1.00000</b>	.60035 <b>1.00000</b>	.44375	.49398 <b>1.00000</b>	.57962 <b>1.00000</b>	.30608 <b>1.00000</b>
	than 00000E				1			1					

<sup>\*</sup> Less than .000005.

1. Detail may not add to 1 because of rounding.

of industry o	utput, at pro	ducers' prices	]														
Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscellaneous textile goods and floor coverings	Apparel	Miscel- laneous fabricated textile products	Lumber and wood products	Furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	News- papers and periodicals	Other printing and publishing	Industrial and other chemicals	Agricultural fertilizers and chemicals	Plastics and synthetic materials	Drugs	Cleaning and toilet prepar- ations	Paints and allied products	Com- modity number
15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	28	29A	29B	30	
	0.00934	0.00296	0.00027												0.00103		1
.07709	.06464	.00262	.00081 .00282		.08125	.00012	.00011			.00005	.00534 .00026	.00056	.00002	.00219 .00035		.00049	3
.00010	.00024	.00028	.00016	.00026	.00029	.00051	.00041	.00025	.00046	.00026	.00042 .00960	.00039 .00095	.00033	.00048	.00033	.00028 .00141	5+6
.00065	.00065	.00080	.00029	.00016	.00005	.00028	.00367	.00078			.00187 .03148	.00163 .03500	.00121 .00493	.00029	.00023	.00014	8
							.00325				.00918	.05148			.00033	.00028	9+10 11
.00214	.00528	.00927	.00404			.00430	.01210	.00498	.00584	.00511	.00994	.00830	.01039	.00726	.00543	.00366	12
.08340		.00063				.00123	.00641				.00330	.01610	.00108	.00345	.01012	.00909	15
.00010	.21085	.16917 .03129	.21456	.26770	.00195	.04484	.00109		.00007	.00065 .00037	.00001		.00019	.00013	.00030		17
.00005		.00011	.19754	.02299	.00008 .00002 .30111	.00007 .00047 .07711	.00005	.00116		00006	.00001		.00004	.00003	.00010		19
.00002	.00072	.00159	.00001	.00184	.00085	.00980	.06533		.00019	.00006	.00034	.00264	.01582		l	.00014	22+23
.01126	.00106	.00139	.00106	.00210	.00267	.01580	.01311	.00241	.00026	.00446	.00484	.00264	.00441	.01059	.00295 .03793 .00003	.00014	25
.00643 .00010	.00005 .02267	.00006 .02207	.00043	.00063 .00572	.00017	.00028	.00194	.00022	.06925	.11162	.00017	.00594 .10914	.00002	.00617	.00404	.00077	26B
.00705	.16506	.24255	.01215	.02073	.00243	.00300	.00024			.00006	.00843	.11474	.00470			.12516	27B
.00169	.00103	.00427	.00409		.00009	.00074	.00423				.00106	.00398	.00581	.13347	05418	.00014	29A 29B
.00137	.00353	.00415	.00213	.00236	.00166	.00917	.00009	.00332 .00748	.00002 .00196	.00003 .00196	.00482	.01026	.00033	.00132	.05418 .00028 .01067	.01782	30
.00560	.00468	.00967	.00500	.01784	.00934	.04440	.03329	.00457	.00034	.01234	.01133	.00836	.04211	.02093	.06135	.00007	32
.00007	.00716 .00002	.00057			.00312	.00393	.00083			.00002	.00097	.00090	.00015 .00017	.00408	.00540	.00021	35
		.00011			.00044	.03762	.00029	.00730 .00222	.00002	.00025 .00043	.00290	.00006	.00002		.00003	.00035	37 38
					.00564						.00589	.00477	.00008	.00129	.01088	.03522	39 40
.00115			.00007		.00405	.01110 .04663	.00005 .00333	.00056 .00733	.00041	.00023	.00003 .00651	.00236	.00033	.00104	.00124 .00237	.00014 .00014	41 42
									.00002								43 44+45
.00025	.00036	.00023	.00003	.00037	.00033 .00087	.00084	.00054	.00075	.00007	.00027	.00038	.00006	.00050	.00005	.00018	.00007	46 47
.00002	.00149	.01177	.00276 .00007	.00189	.00040 .00175	.00037 .00170	.00293 .00035	.00463	.00044	.00374	.00582 .00005	.00056	.00042 .00054	.00065	.00010		48 49
.00012 .00005	.00168	.00114	.00030	.00100	.00163	.00198	.00213	.00191	.00034 .00039	.00085 .00044	.00353	.00050	.00156	.00038	.00086	.00021	50 51
.00015 .00037	.00005		.00001		.00081 .00007	.00005 .00028	.00008 .00022		.00004	.00001 .00001	.00043 .00072	.00006	.00002 .00010	.00003 .00011	.00018 .00053		9+10 111 111 112 133 144 155 166 177 188 199 20+21 22+23 256A 26B 27A 27B 29B 30 31 31 33+34 355 36 37 37 38 39 40 41 41 42 43 44+45 55 55 55 55 56 577 578 59A 59B 59B 60 611 612 63 644
.00042	.00005				.00199 .00152	.00016	.00023		.00005	.00003	.00005	.00011	.00008	.00019	.00050		54 55
	.00002								.00002	.00004							56 57
.00005		.00006	.00004		.00018	.00002	.00006	.00003	.00037	.00013	.00002						58 59A
.00005	.00014	.00017	.00014		.00274	.00037		.00025	.00069	.00030	.00011	.00022	.00002		.00005	.00014	59B 60
.00007					.00002	.00023	.00021	.00019	.00034	.00103	.00089	.00045	.00008	.00022	.00013	.00028	61
.00002	.00007	.00006	.00003	.00005	.00014	.00014	.00010	.00006	.00259	.00716	.00019	.00006	.00008	.00067	.00013	.00007	64
.00092	.00396 .01025	.00580 .01667	.00101	.00115	.00729	.00328	.01140	.01184	.00321	.00450	.01078	.01565	.00958	.00201	.00517	.01817	65A 65B
.00022	.00036 .00310	.00131 .00330	.00007	.00031 .00467	.00158	.00035 .00356	.00191	.00038	.00007	.00022 .00394 .00003	.00355	.00482	.00331	.00019	.00136	.00317	65C 65D 65E
.00005 .00152	.00142	.00273	.00003 .00197	.00231	.00005 .00184	.00316	.00008 .00226	.00006 .00285	.00007 .00614	.00391	.00169 .00214	.00006 .00213	.00027 .00445	.00003 .00335	.00005 .00310	.00014 .00247	66 67
.00209	.02745	.01433 .00546	.00997	.00834	.01220	.00894	.02594	.01014	.00517	.00805	.02591	.01632	.02231	.00702	.00522	.00585	68A 68B
.00037	.00115	.00199	.00046	.00105	.00137	.00088	.00549	.00094	.00030	.00068	.00796	.00572	.00539	.00191	.00172	.00352	68C 69A
.00286	.00065 .00552	.00017	.00017	.00021	.00089	.00172	.00139	.00025 .00645	.00072	.00033	.00057	.00062	.00058	.00073	.00320	.00014	69B 70A
.00139	.00134	.00142	.00135	.00142	.00174	.00179	.00162	.00144	.00169	.00154	.00171	.00168	.00142	.00136	.00139	.00134	70B 71A
.00339	.00336	.00461 .00301	.01104	.01506 .00304	.00670 .00299	.01056	.00366	.00510 .00297	.03086	.02291	.00734	.00505	.00389	.00798	.00868	.00409	71B 72A
.00092 .00164	.00593 .00247	.00410 .00324	.00152	.00058 .00142	.00152 .00200	.00077	.00292	.00175 .00244	.00079 .00645	.00117	.00242 .00355	.00275 .00437	.00279 .00431	.00096	.00088 .00209	.00063 .00155	72B 73A
.00919 .00727	.00264 .01196	.00375 .01104	.00247 .04442	.00383	.00389 .01163	.00759 .01603	.00228 .01435	.00197 .01240	.01326 .03652	.00386 .01662	.02470 .01591	.01312 .02154	.02806 .01343	.02760 .02441	.01524 .01580	.01113 .00810	73B 73C
.07886 .00361	.00257 .00363	.00984 .00387	.01105 .00417	.00483 .00436	.00386 .00403	.01087 .00430	.00622 .00374	.00163 .00366	.02708 .00361	.01058 .00378	.00689 .00376	.01396 .00365	.00583 .00377	.05928 .00375	.06571 .00379	.01317 .00366	73D 74
.00294 .00110	.00435 .00010	.00449 .00017	.00227 .00038	.00194 .00011	.00495 .00024	.00265 .00016	.00681 .00030	.00463 .00022	.00377 .00062	.00484 .00037	.00534 .00031	.00628 .00022	.00610 .00037	.00257 .00091	.00262 .00096	.00232 .00049	72B 73A 73B 73C 73D 74 75
.00082	.00055	.00057	.00065	.00598	.00294	.00147	.00096	.00063	.00086	.00131	.00080	.00118	.00192	.00365	.00162	.00063	77A
.00135 .00065	.00053 .00058	.00108 .00154	.00091 .00226	.00136 .00273	.00061 .00165	.00123 .00177	.00056 .00165	.00053 .00056	.00760 .00120	.00248 .00138	.00060 .00075	.00022 .00163	.00027 .00098	.00035 .00035	.00103 .00030	.00049 .00007	78 79
.00042	.00067	.00057 .00210	.00036	.00011	.00010	.00077 .00016	.00101 .00803	.00044	.00113	.00166	.00798	.00157 .00028	.00448	.03049	.00956	.00479	80 81
																	77B 78 79 80 81 82 83 84
05000									4004-	4700:				40017			84 85
.35906 .64094	.65137 .34863	.67184 .32816	.33730	.61281	.63325 .36675	.54715	.59995	.67750 .32250	.40017	.47984 .52016	.36665	.65302 .34698	.69217	.49011	.53798	.59353	VA T
1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	<u></u>

#### Table 3.1.—Commodity-by-Industry

								•	abic o.	[Direct		ts per dollar
Com- modity number	For the composition of inputs to an industry, read the column for that industry	Petroleum refining and related products	Rubber and miscel- laneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manu- facturing	Primary nonferrous metals manu- facturing	Metal con- tainers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products
	Industry number	31	32	33+34	35	36	37	38	39	40	41	42
1	Livestock and livestock products											
3	Other agricultural products	.00001 .00001	.00746			.00002		.00017				
4 5+6	Agricultural, forestry, and fishery services	.00014 .00014	.00036	.00011	.00051 .00095	.00054 .00044	.00039 .02866	.00044 .03762	.00015	.00028 .00026	.00017	.00035 .00004
7	Crude petroleum and natural gas	.00005	.00014	.00021	.00550	.00660	.01762	.00028	.00008	.00020	.00006	.00004
9+10	Nonmetallic minerals mining	.00279	.00012		.01078	.06734	.00302	.00024				.00002
11 12	New construction	.00753	.00680	.00694	.00791	.00758	.00752	.00574	.00482	.00360	.00962	.00587
13 14	Ordnance and accessories	.00095	.00010	.08999		.00037						
15 16	Tobacco products		.00924	.02647		.00350		.00014				
17	Miscellaneous textile goods and floor coverings  Apparel		.01070	.02146	.00006							00000
18 19	Apparer Miscellaneous fabricated textile products Lumber and wood products		.00008 .00011	.00043	.00006	.00012						.00006
20+21 22+23	Furniture and fixtures	.00002	.00154		.00971	.00385	.00199	.00304		.00059	.00043	.00133
24 25	Paper and allied products, except containers Paperboard containers and boxes	.00078 .00091	.00859 .01249	.00576 .00331	.00230 .04221	.01112 .00371	.00033 .00021	.00044 .00088	.00038 .00291	.00065 .00436	.00164 .00565	.00434 .00611
26A 26B	Newspapers and periodicals Other printing and publishing	.00002	.00007 .00034	.00011	.00011	.00005	.00003	.00002	.00605	.00006	.00003	.00004
27A	Industrial and other chemicals	.01436	.04828	.03501	.03924	.02541	.00127	.00397	.00796	.00010 .01081	.00499	.01165
27B 28	Agricultural fertilizers and chemicals		.17758	.00117		.00564		.01457		.00075	.00245	.00535
29A 29B	Drugs	.00288	.00070		.00196		.00003			.00006	.00014	.00028
30 31	Paints and allied products Petroleum refining and related products	.08529	.00067 .00289	.00534	.00067	.00131	.00025	.00011 .00477	.02181 .00253	.00507 .00303	.00233 .00199	.00673 .00352
32	Rubber and miscellaneous plastics products Footwear, leather, and leather products	.00327	.05706	.03160	.02167	.00813	.00179	.00964	.00138	.01085	.00409	.02787
33+34 35	Glass and glass products	.00001 .00226	.00549	.22758	.09026	.00240		.00375		.00006 .00568	.00081	.00100
36 37	Stone and člay products	.00191 .00014	.00139 .00466	.00064	.01375 .00107	.10195 .00830	.01545 .18508	.00220 .01044	.00061 .17214	.00141 .17680	.00173 .21543	.00228 .11437
38 39	Primary nonferrous metals manufacturing Metal containers	.00094	.00063			.00142	.01913 .00003	.33486	.31887 .09009	.08557	.04821 .00009	.05719 .00011
40 41	Heating, plumbing, and fabricated structural metal products		.00030 .00242	.00032	.00079	.00044	.00007	.00050	.00038	.03673 .01267	.01513	.00109
42	Screw machine products and stampings Other fabricated metal products	.00080	.00600	.00651		.00121	.01604	.00050	.01500	.03388	.02305	.06481
43 44+45	Engines and turbines		.00018				.00030					.00072
46 47	Materials handling machinery and equipment  Metalworking machinery and equipment	.00013	.00002 .00183	.00021	.00500	.00226	.00022 .00848	.00017 .00941	.00122	.00667	.02063	.00430
48 49	Special industry machinery and equipment  General industrial machinery and equipment	.00001	.00297 .00022	.00011	.00112	.00086	.00034	.00096 .00635		.00226	.00006 .00187	.00033
	Miscellaneous machinery, except electrical	.00062	.00575	.00149	.00438	.00249	.00535	.00370	.00329	.00220	.01864	.00804
50 51 52 53 54 55	Computer and office equipment	.00001	.00005		.00011	.00009	.00001			.00020		.00002
53 54	Electrical industrial equipment and apparatus  Household appliances  Electric lighting and wiring equipment	.00001	.00033		.00202	.00019	.00716	.00287	.00008	.00158	.00061	.00580
55 56	Electric lighting and wiring equipment	.00005	.00039		.00039	.00042		.00080		.00004	.00017	.00007
57 58	Electronic components and accessories	.00001	.00057 .00017			.00028	.00005			.00002		.00009
59A 59B	Motor vehicles (passenger cars and trucks)  Truck and bus bodies, trailers, and motor vehicles parts	.00034	.00017		.00034	.00098	.00017	.00016	.00008	.00022	.00072	.00009
60	Aircraft and parts				.00034		.00017			.00022		
61 62	Other transportation equipment	.00017	.00010		.00045	.00035	.00114	.00008		.00218		.00006
63 64	Ophthalmic and photographic equipment	.00004	.00014 .00014	.00149	.00011 .00006	.00009 .00075	.00010 .00004	.00006 .00003	.00008	.00016 .00018	.00014 .00006	.00011 .00004
65A 65B	Railroads and related services; passenger ground transportation	.00241	.00690 .03007	.00107	.01448	.01401	.01600 .02463	.00881 .02932	.00444 .01753	.00376 .01618	.00450 .01510	.00285 .01334
65C	Water transportation	.00498	.00164		.00331	.00963	.00558	.00144	.00061	.00034	.00061	.00069
65D 65E	Air transportation	.00067 .03089	.00371 .00003	.00395	.00303	.00296 .00005	.00389 .00003	.00373 .00002	.00291 .00008	.00329	.00352 .00003	.00322
66 67	Communications, except radio and TV	.00121	.00277	.00299	.00281	.00340	.00195	.00199	.00161	.00305	.00202	.00333
68A 68B	Electric services (utilities)	.01073 .08008	.02017 .00378	.00769 .00331	.02941 .01673	.02743 .01923	.03662 .01535	.03611 .00682	.01271 .00436	.00847 .00339	.01271 .00357	.01449 .00537
68C 69A	Water and sanitary services	.00290	.00144 .04289	.00961	.00225	.00226	.00699	.00284 .08527	.00130 .06628	.00087 .06066	.01141 .05752	.00204 .05456
69B	Retail trade	.00018	.00121	.00032	.00275	.00114	.00027	.00013	.00038	.00065	.00055	.00065
70A 70B	FinanceInsurance	.00776 .00100	.00747 .00149	.00619 .00181	.00662 .00163	.00692 .00214	.00708 .00166	.00646 .00143	.00643 .00130	.00669 .00133	.00752 .00147	.00710 .00143
71A 71B	Owner-occupied dwellings	.00844	.00929	.00662	.00634	.00774	.00377	.00469	.00467	.01024	.00790	.00878
72A 72B	Hotels and lodging places  Personal and repair services (except auto)	.00095 .00174	.00303 .00184	.00278 .00096	.00303 .00264	.00298 .00291	.00299 .00414	.00300 .00212	.00306 .00191	.00303	.00288 .00216	.00309 .00161
73A 73B	Computer and data processing services	.00222	.00330 .00625	.00544	.00404	.00387	.00590 .00415	.00300 .00260	.00237	.00251 .00440	.00360 .00824	.00372
73C	Other business and professional services, except medical	.00828	.01369	.00950	.01437	.01669	.01865	.01237	.00995	.02109	.01761	.01593
73D 74	Advertising Eating and drinking places	.00365 .00187	.00583 .00397	.02252 .00448	.00427 .00415	.00597 .00399	.00432 .00387	.00179 .00390	.00253 .00383	.00558 .00422	.00758 .00406	.00908 .00428
75 76	Automotive repair and services  Amusements	.00331 .00016	.00453 .00029	.00256 .00011	.00601 .00017	.00655 .00019	.00833 .00024	.00480 .00020	.00459 .00038	.00297 .00016	.00435 .00032	.00441 .00017
77A 77B	Health services  Educational and social services, and membership organizations	.00072	.00366	.00043	.00062	.00070	.00067	.00082	.00115	.00101	.00285	.00096
78 79	Federal Government enterprises	.00030	.00060	.00181	.00079	.00061	.00073	.00047	.00008	.00073	.00072	.00074
80	State and local government enterprises	.00024 .00226	.00064 .00210	.00267 .00021	.00045	.00233 .00226	.00074	.00135	.00046 .00015	.00123 .00154	.00055 .00095	.00115
81 82	Scrap, used and secondhand goods General government industry Rest of the world adjustment to final uses				.00561		.03030	.05137		.00172		.00054
83 84	Rest of the world adjustment to final uses											
85	Inventory valuation adjustment Total intermediate inputs	.86599	.56179	.62511	.46983	.54412	.64198	.74390	.80850	.58162	.56534	.52683
٧Å	Value added	.13401	.43821	.37489	.53017	.45588	.35802	.25610	.19150	.41838	.43466	.47317
T	Total 1	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

<sup>\*</sup> Less than .000005.

1. Detail may not add to 1 because of rounding.

#### Direct Requirements, 1992—Continued

of industry output, at producers' prices]

of industry or	utput, at pro	oducers' prid	cesj					1	ı		1	1	Г		Г	ı	
Engines and turbines	Farm, construc- tion, and mining machinery	Materials handling machinery and equipment	Metal- working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscel- laneous machinery, except electrical	Computer and office equipment	Service industry machinery	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and communi- cation equipment	Electronic components and accessories	Miscel- laneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Com- modity number
43	44+45	46	47	48	49	50	51	52	53	54	55	56	57	58	59A	59B	
																	1
															.00001	.00001	3
.00047	.00041	.00025	.00035	.00035	.00050	.00048	.00025	.00026	.00061	.00048	.00037	.00025 .00061	.00076	.00080	.00015	.00030 .00348 .00026	5+6 7
.00006	.00009		.00004	.00005		.00008	.00002	8	.00004	.00168			.00003				9+10
.00657	.00512	.00405	.00621	.00583	.00500	.00654	.00594	.00658	.00532		.00481	.00608	.01304	.00561	.00326	.00705	11
																	13 14 15
										.00012							15 16 17
.00041			.00012	.00010	.00718 .00003	.00132		.00004	.00004			.00002	.00001		.00748 .00003	.00061	1 18
	.00156	.00123	.00320	.00267	.00091	.00016		.00238	.00083	.00066	.00005	.00004			.02693 .00003	.00019 .00176	20+21
.00041	.00031	.00049	.00062	.00677	.00429	.00032	.00055	.00469	.00511	.00012 .01419 .01034	.00644	.01168	.00018 .00209 .00151	.00005 .00198 .01178	.01673 .00029 .00013	.00037	20+2° 22+2° 24 25 26/ 26/
.00082	.00003	.00012	.00367 .00004 .00020	.00005	.00409	.00267 .00012 .00016	.00285 .00013 .00013	.00370 .00004 .00004	.00356 .00007 .00007	.00036	.00010	.00228 .00008 .00033	.00131	.00019	.00013	.00411 .00005 .00032	26/
.00012	.00010	.00012	.00648	.00129	.00010	.00020		.00227	.00144	.00679	.00262	.00033	.01128	.00909	.00474	.00441	27/ 27/ 27/ 28
					.00050	.00048	.00038	.00404	.00295	.02543	.02255	.00251	.00275	.01216	.00005	.00548	29/
.00117	.00378	.00135	.00203		.00050	.00032	.00008 .00056	.00038 .00321	.00065 .00248	.00096 .00818	.00120 .00037	.00036 .00021	.00010	.00014	.00005 .01140	.00005 .00529	29E
.00153 .01185	.00215 .04221	.00380 .01987	.00285 .00925	.00252 .01977	.00305 .02589	.00243 .00479	.00070 .01270	.00170 .02661	.00586 .02798	.00397 .08710	.00340 .02930	.00082 .01938	.00107 .01490	.00198 .06502	.00125 .06101	.00201 .02580	3
	.00044			.00069				.00015		.00198	.02475	.00004	.00899		.00001	.00001 .00080	33+34 35
.00440 .13049	.00125 .10602	.00098 .11249	.00890 .07548	.00203 .06263	.00262 .07668	.00355 .07355	.00013 .00113	.00450 .05424	.03035 .04682	.00541 .06835	.00989 .03610	.00017 .00468	.00066 .00468	.00075 .01871	.00133 .00155	.00336 .08408	36
.02546	.00843	.02404	.02237	.04187	.02620	.06079	.00776	.05870	.05178	.04508	.05369	.01135	.02385	.05362	.00029		38
.01379 .03773	.04449	.01595	.01214 .00851 .01156	.01443	.01167 .00963	.00355	.00668	.00839	.00503	.02957	.02867	.00535	.00385	.00368 .01065 .01993	.08362	.02042	40
.03385 .07252	.01655 .05307 .03793	.02343 .00785		.02827 .00331	.01261 .00480	.01603 .00096	.00308	.01735 .00110	.00716 .00892	01659	.02145	.00654	.03499		.01854 .01340	.01374 .00245	43
.00622	.00028	.01877 .00454	.04623	.00015 .00914	.00023	.01528	.00044	.00473	.00219	.00186	.00288	.00071	.00156	.00221	.00005	.00007	4474
.01660	.02754	.05680	.01035	.03322	.07735	.01272	.00036	.01765	.00442			.00035	.00103	.00377	.00036	.01683	29A 29BB 30 33+34-34 33 33+34-34 40 41 41 41 44-44 44 45 55 55 55 55 55 55 55 55 55
.04459	.02766	.03005	.03034	.03969	.03240	.06322	.00133	.02181	.00726	.00210	.00445	.00199	.00443 .01090	.00462	.00527	.03824	50
.04054	.00668	.03030	.02265	.00015 .03826	.00003 .03730	.00275	.01758	.07571 .05375	.00004 .07052	.02092 .04707	.00010 .02679	.00015 .00276	.00001 .00106	.01225	.01476 .00005	.00263 .00011	52 53
	.00031		.00023			.00020	.00100	.00684	.00205	.00126 .01431	.03176	.00709	.00190	.00330	.00557	.00075	54 55
			.00047	.00173	.00178	.00311	.00111	.00015	.02521	.00872	.00738	.03181 .23585	.00151 .18266	.00151 .09575	.01174 .01736	.00001 .02581	5
.01168	.00599	.00405	.00176	.00094	.00067	.00072	.00023		.00040	.00006	.00005	.00520		.02813	.01656 .00427	.01739 .00537 .08799	59/
.00440	.00403	.00012		.00010			.00006	.00015	.00007		.00005	.00004	.00004	.00019	.26779		59A 59E 60 67 62 63
.00012	.00009	.00012	.00043	.00015	.00040	.00032	.00005 .00020	.01633	.00144	.03925	.00021	.00247	.00202 .00021	.00269	.00586	.00005	62
.00117	.00022	.00049	.00012 .00144	.00005	.00107	.00187	.00002 .00075	.00045	.00011	.00054 .00258	.00361 .00194	.00002	.00190	.00005	.00008 .00345	.00009 .00336	654
.01748	.01586 .00053	.01116	.01078 .00023	.01003 .00015	.00862 .00007	.00917 .00024	.00181	.00945 .00019	.00823 .00072	.01214 .00030	.01010 .00010	.00332 .00008	.00436 .00025	.01169 .00033	.01574 .00033	.01445 .00041	65E 65C
.00604 .00006	.00465 .00003	.00429	.00359	.00499	.00423	.00427 .00004	.00558 .00005	.00389 .00004	.00414	.00355	.00330	.00408 .00004	.00433 .00003	.00401	.00658 .00006	.00528 .00005	65E
.00223	.00287	.00356	.00437	.00465	.00433	.00287	.00383	.00295	.00406	.00343	.00303	.00410	.00358	.00264	.00107	.00182	66
.00792 .00205 .00117	.00812 .00265 .00081	.00601 .00233 .00037	.01113 .00269 .00070	.00806 .00208 .00064	.01077 .00285 .00104	.01213 .00299 .00076	.00544 .00069 .00053	.00752 .00212 .00272	.01000 .00280 .00090	.00811 .00252 .00042	.01020	.00529	.01298 .00162 .00099	.01070 .00212 .00259	.00323 .00094 .00052	.00987 .00218 .00290	68A 68E 68C
.05632	.07321	.08587	.00070 .04732 .00016	.06984	.06088	.00076	.10373	.06751	.07016	.06853	.00105 .07153 .00162	.00038 .05769 .00056	.00099	.00239	.08229	.00290 .06944 .00051	69 <i>A</i>
.00657 .00129	.00712	.00638	.00683	.00652 .00124	.00678	.00702	.00757	.00733	.00849	.00733	.00717	.00744	.00765 .00142	.00801	.00672	.00751	70A 70B
.00569	.00481	.00748	.01078	.01092	.00694	.01344	.01281	.00514	.00791	.00373	.01067	.00959	.01025	.00777	.00344	.00402	71A 71E
.00305 .00129	.00312 .00119	.00270 .00074	.00308	.00306 .00079	.00302 .00134	.00303 .00104	.00313 .00050	.00299 .00098	.00302 .00115	.00307 .00072	.00303 .00078	.00299 .00071	.00304 .00182	.00297 .00141	.00301 .00086	.00304 .00212	72 <i>F</i> 72E
.00475 .00282	.00378 .00702	.00184 .00834	.00297 .00793	.00222 .00954	.00332 .00724	.00219 .00754	.00876 .00943	.00404 .00597	.00237 .00435	.00144 .00337	.00351 .00539	.00512 .00823	.00489 .01410	.00250 .00344	.00085 .00799	.00298 .00625	73 <i>i</i>
.01173 .00229	.01189 .00815	.01141 .00711	.01347 .00738	.01186 .00821	.01399 .00969	.01883 .00889	.01137 .00959	.00998 .00835	.01417 .01197	.01016 .02621	.01235 .02020	.01204 .00658	.01775 .01176	.01838 .00938	.00691 .00453	.01206 .01966	730 730
.00405 .00293	.00421	.00393	.00480 .00344	.00455 .00242	.00443 .00352	.00403 .00299	.00361 .00205	.00404	.00424 .00298	.00433 .00240	.00455	.00376	.00383	.00457	.00366 .06502	.00390 .00422	73E
.00029	.00034	.00012	.00012	.00025	00017		.00039	.00034	.00022		00021	00031	.00038	.00019	.00035	.00050	77/ 77/
.00076 .00059 .00111	.00066 .00106 .00100	.00049 .00086 .00282	.00086 .00074 .00219	.00054 .00124 .00133	.00067 .00081 .00198	.00072 .00040 .00259	.00106 .00025 .00070	.00140 .00019 .00087	.00076 .00079 .00083	.00210 .00222 .00114	.00063 .00073 .00157	.00127 .00123 .00033	.00155 .00044 .00052	.00108 .00057 .00141	.00275 .00068 .00033	.00188 .00159 .00049	77E 78
.00111	.00281	.00294	.00219 .00086 .00008	.00341	.00198	.00259 .00172 .00008	.05582	.00087	.00687	.00192	.00157	.00742	.00052	.00141	.00308	.00049	80
					4												87 82 83
																	84
.61101 .38899	.59108 .40892	.56845 .43155	.43848 .56152	.52321 .47679	.51459 .48541	.43520 .56480	.71854 .28146	.58545 .41455	.51681 .48319	.64757 .35243	.52776 .47224	.52787 .47213	.51480 .48520	.58083 .41917	.84106 .15894	.68498 .31502	VA
1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	

#### Table 3.1.—Commodity-by-Industry

								Table 0.		-	ents per dollar
Commod- ity num- ber	For the composition of inputs to an industry, read the column for that industry	Aircraft and parts	Other trans- portation equipment	Scientific and controlling instruments	Ophthalmic and photographic equipment	Miscel- laneous manu- facturing	Railroads and related services; passenger ground transportation	Motor freight transportation and warehousing	Water transpor- tation	Air transpor- tation	Pipelines, freight forwarders, and related services
	Industry number	60	61	62	63	64	65A	65B	65C	65D	65E
1	Livestock and livestock products					0.00007		.00001	.00009	.00001	
3	Other agricultural products	.00001				.00082			.00009	.00001	
5+6	Agricultural, forestry, and fishery services	.00062 .00030	.00047	.00048 .00013	.00033	.00019 .00027	.00002	.00001			
7 8	Coal mining  Crude petroleum and natural gas	.00015	.00020	.00030	.00079	.00005			.00028		.00247
9+10 11	Nonmetallic minerals mining					.00012					
12	Maintenance and repair construction Ordnance and accessories	.00781	.00357	.00591	.00617	.00457	.04421	.00441	.00092	.00254	.01708 .00015
14 15	Food and kindred products Tobacco products	.00007		.00052		.00218			.00256	.00245	
16	Broad and narrow fabrics, yarn and thread mills	.00097		.00301		.01118				.00001	
17 18	Miscellaneous textile goods and floor coverings	.00006 .00006	.00310	.00525 .00017	.00004	.00070 .00438	.00041	.00005 .00002	.00136 .00194	.00009	
19 20+21	Miscellaneous fabricated textile products  Lumber and wood products	.00141 .00020	.00413 .01333	.00001 .00070		.00109 .01193		.00007 .00020	.00311	.00006 .00002	.00226 .00488
22+23 24	Furniture and fixtures  Paper and allied products, except containers	.00054	.00120 .00027	.00048 .00361	.03713	.00051 .00675	.00039	.00036		.00033	.00060
25 26A	Paperboard containers and boxes  Newspapers and periodicals	.00015 .00005	.00017 .00003	.00454 .00010	.01003 .00046	.01888 .00017	.00007 .00023	.00058 .00025	.00120	.00003 .00020	.00232 .00048
26B 27A	Other printing and publishing Industrial and other chemicals	.00030	.00007	.00067 .00148	.00012	.00157 .01014	.00361 .00187	.00223 .00062	.00102	.00163	.00720 .00024
27B	Agricultural fertilizers and chemicals										
28 29A	Plastics and synthetic materials	.00307	.00430	.00426	.01152	.02401			.00012		
29B 30	Cleaning and toilet preparations	.00157	.00533	.00028 .00031	.00058	.00092 .00581		.00001 .00034	.00080	.00003 .00004	
31 32	Petroleum refining and related products	.00175 .01637	.00323 .02060	.00133 .02016	.00178 .02321	.00479 .03742	.05983 .00486	.04750 .01194	.02241	.10039 .00034	.00541 .00544
33+34 35	Footwear, leather, and leather products	.00001 .00019	.00603	.00351	.00638	.00075 .00058	.00002 .00093	.00001 .00002	.00012	.00001	.00003
36 37	Stone and clay products	.00214 .00815	.00093 .05360	.00116 .00914	.00041 .00174	.00339	.00004 .00725	.00005	.00006	.00001 .00002	.00012
38 39	Primary nonferrous metals manufacturing  Metal containers	.02389	.01400	.01309	.00448	.04848	.00002	.00002	.00065		
40	Heating, plumbing, and fabricated structural metal products	.00089	.02117	.00722	.00029	.00351			.00015		
41 42	Screw machine products and stampings Other fabricated metal products	.00873 .01557	.00727 .01773	.01197 .01497	.00854 .00274	.00339 .01138	.00013 .00474	.00285	.00006 .00681	.00045 .00074	.00220
43 44+45	Engines and turbines		.04277 .00117			.00005	.00393	.00061	.00669		.00101
46 47	Materials handling machinery and equipment	.01005	.00003 .00197	.00144	.00120	.00242	.00135	.00003 .00012	.00465	.00030	
48 49	Special industry machinery and equipment General industrial machinery and equipment	.00270	.02180	.00066	.00017	.00053	.00604	.00001 .00027	.01150	.00005	.00312
50 51 52	Miscellaneous machinery, except electrical Computer and office equipment	.01341	.00803	.00427	.00377	.00777	.00188	.00035	.00293	.00131	.00128
52	Service industry machinery Electrical industrial equipment and apparatus		.00277	.00002	.00040	.00007	.00014	.00005	.00031	.00004	.00012
53 54	Household appliances	.00114	.02803						.00003		
55 56	Electric lighting and wiring equipment	.00737	.00327 .00057	.00275 .00784	.00025	.00044 .00012	.00038	.00027 .00002	.00037	.00007 .00001	.00024
57 58	Electronic components and accessories	.01594 .00035	.00027 .00370	.08923 .00043	.03535 .00012	.01109 .00031	.00027 .00151	.00122	.00099	.00126 .00046	.00235
59A 59B	Motor vehicles (passenger cars and trucks)	.00007	.02207 .02147	.00009	.00017	.00012	.00696	.00484	.00003	.00015	.00086
60 61	Aircraft and parts	.24824	.02680				.01693	.00004	.02284	.02873	.00003
62 63	Scientific and controlling instruments	.04969 .00021	.00310 .00007	.02882 .00026	.00510 .05151	.00027	.00018	.00008 .00037	.00003 .00022	.00014 .00020	.00083
64 65A	Miscellaneous manufacturing	.00013 .00111	.00010 .00220	.00011 .00106	.00004 .00340	.07312	.00023 .04247	.00023 .00265	.00228 .00059	.00029 .00136	.00095
65B 65C	Motor freight transportation and warehousing Water transportation	.00491	.01307	.00430	.00717	.01191	.00660	.17256	.00321	.00248	.00622 .00167
65D	Air transportation	.00768	.00013 .00463	.00012	.00058	.00336	.00140 .00384	.00125	.13200	.06441	.00693
65E 66	Pipelines, freight forwarders, and related services	.00009 .00221	.00220	.00004 .00501	.00004 .00472	.00368	.00793 .00701	.02974 .01266	.04337 .00083	.08307 .01279	.02270 .02862
67 68A	Radio and TV broadcasting	.00665	.00677	.00772	.00613	.00784	.00172	.00676	.00370	.00312	.01303
68B 68C	Gas production and distribution (utilities)	.00107 .00144	.00187	.00082 .00064	.00232 .00095	.00254 .00075	.00002 .00194	.00071 .01281	.00028 .00111	.00015 .00132	.00033
69A 69B	Wholesale trade	.03036 .00015	.05230 .00027	.04083 .00052	.05976 .00079	.08363	.02728 .00332	.03037 .00452	.01557 .00046	.01553 .00046	.00892 .00077
70A 70B	Finance Insurance	.00898 .00132	.00643 .00157	.00758 .00138	.00854 .00145	.00748 .00179	.01742 .00468	.00774 .00803	.03231 .00142	.01631 .00160	.02624 .00538
71A 71B	Owner-occupied dwellings Real estate and royalties	.00474	.01367	.01026	.00543	.01220	.01107	.02081	.02762	.01563	.02100
72A 72B	Hotels and lodging places	.00325	.00287	.00302	.00298	.00290	.00249	.00380	.00142	.00319	.00295
73A	Personal and repair services (except auto)  Computer and data processing services	.00157 .00842	.00063	.00072 .00475	.00062	.00082	.00138	.00063 .00287	.00059	.00290	.00211
73B 73C	Legal, engineering, accounting, and related services  Other business and professional services, except medical	.00950 .01556	.00557 .01117	.01138 .02287	.00240 .01968	.00620 .01568	.00725 .01984	.00520 .02042	.02105 .07263	.01138 .01634	.05212 .02743
73D 74	Advertising Eating and drinking places	.00430 .00400	.00570 .00410	.01540 .00413	.01281 .00394	.03953 .00453	.00396 .00413	.00212 .00447	.03835 .00176	.01475 .01946	.02478 .00369
75 76	Automotive repair and services	.00361 .00035	.00213 .00017	.00237 .00036	.00240 .00037	.00283 .00041	.01177 .00025	.05759 .00043	.00046 .00046	.00161 .00063	.00654 .00051
77A 77B	Health services  Educational and social services, and membership organizations	.00221	.00073	.00206	.00390	.00385	.00244	.00037 .00048	.00373	.00069	.00747
78 79	Federal Government enterprises State and local government enterprises	.00091	.00037	.00118 .00137	.00070	.00286	.00106	.00148	.00031	.00081	.00393
80 81	Noncomparable imports Scrap, used and secondhand goods	.00029	.00070	.00209	.00758	.00184	.00328	.00359	.09106	.09376	.00744
82 83	General government industry										
84	Rest of the world adjustment to final uses										
85 I	Inventory valuation adjustment	.57249	.52103	.42907	.40661	.56548	.38318	.50063	.60555	.55210	.41623
VA T	Value added	.42751 <b>1.00000</b>	.47897 <b>1.00000</b>	.57093 <b>1.00000</b>	.59339 <b>1.00000</b>	.43452 <b>1.00000</b>	.61682 <b>1.00000</b>	.49937 <b>1.00000</b>	.39445 <b>1.00000</b>	.44790 <b>1.00000</b>	.58377 <b>1.00000</b>

<sup>\*</sup> Less than .000005.

1. Detail may not add to 1 because of rounding.

#### Direct Requirements, 1992—Continued

of industry output, at producers' prices]

Communi-	Radio	educers' prid	Gas production	Water and					Owner-	Real	Hotels and	Personal	Computer	Legal, en- gineering,	Other business and		Com-
cations, except radio and TV	and TV broad- casting	services (utilities)	and distribution (utilities)	sanitary services	Wholesale trade	Retail trade	Finance	Insurance	occupied dwellings	estate and royalties	lodging places	and repair services (exc. auto)	and data processing services	account- ing, and related services	professional services, ex- cept medical	Advertising	modity
66	67	68A	68B	68C	69A	69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D	
(*)		.00001	.00001		.00013	(*)	.00001	.00001		.00005	.00008		.00002	.00002	0.00013 .00001		1 2
.00018	.00014	.00009			.00013	.00103	.00001	.00026	.00795	.00523	.00005	.00046	.00002	.00002	.00030	.00030	3
		.09173			.00002	.00001	(*)			.00020	.00003	.00003		(*)	(*)		5+6
		.00005	.41602		.00002 .00001	(*)						.00003					9+10
.03929	.00886	.07797	.07298	.08002	.00429	.00960	.00275	.00265	.04738	.05377	.02560	.00558	.00268	.00151	.00263	.00171	11 12
					.00116	.00018					.00200				.00026 .00009		13 14 15
/*\					.00015	.00010				/*\	.00010	.00155			.00002		16
.00044 .00001		.00001			.00009 .00105 .00048	.00006	.00042	.00008		.00002	.00022	.00410		.00001	.00026	.00060	18
.00001	.00003	.00004	.00003	.00818	.00332	.00020	.00042	.00020		.00002	.00044	.00263	.00016	.00029	.00026 .00001	.00013	20+21 22+23 24 25 26A 26B 27A
.00087 .00041	.00041 .00017	.00037 .00009	.00026 .00005	.00057 .00016	.00396 .00548	.00752 .00168	.00272 .00032	.00165 .00021		.00099	.00341	.00278 .00064	.00248	.00284	.00412	.00285 .00023	24
.00040 .00377	.00024 .00034	.00005 .00052	.00001 .00016	.00021 .00026	.00048 .00988	.00022 .00115	.00076	.00015 .00668		.00004	.00089 .00320	.00037 .01034	.00030 .00898	.00050 .00766	.00045 .00720	.00020 .07444	26A 26E
.00008	.00048	.00173	.00002	.02607	.00066 .00059	.00008 .00004	.00012	.00009	.00075	.00008 .00024	.00018 .00188	.00168	.00009	.00017	.00365 .00001	.00007	2/0
.00002					.00001 .00006	.00002						.00013					28 29 <i>F</i>
.00012 .00027		.00002	.00005	.00010	.00082 .00003	.00030 .00006	.00006	.00003 .00020		.00009 .00005	.00121 .00002	.01217 .00010	.00003	.00011 .00001	.00132 .00016		29E 30 31 32 33+34 36 37 38 39 40 41 42 42
.00101 .00212	.00106 .00014	.01286 .00097	.00379	.03764 .00813	.00611	.00533	.00094	.00055 .00148	.00013	.00102 .00072	.00315	.00416	.00090 .00166	.00085 .00095	.00439 .00305	.00047 .00087	31
.00001 .00009		.00001	.00001	.00109	.00002	.00025	.00004	.00003 .00004		.00001 .00001	.00008	.00381	.00003 .00003	.00016 .00049	.00016 .00086		33+34
.00008		.00002	.00001	.00083	.00020 .00012 .00059	.00004 .00001 .00001	.00002 (*)	.00006		.00065	.00064	.00011 .00008 .00080		.00009 .00001	.00024 .00021 .00006		37
		.00039			.00039	.00001			.00029	.00001					.00011		39
.00175 .00117	.00007	.00025 .00019	.00010	.00427	.00013	.00118	.00064	.00092		.00013	.00010 .00064	.00093	.00036	.00067	.00030 .00093	.00033	41
.00171		.00536			.00004	.00014	.00001		.00035			.00003			.00041 .00024		43
.00002	.00003	.00008 .00046	.00019	.00016	.00077 .00034	.00002 .00009	.00001			.00001	.00002	.00013	.00003	.00004	.00043 .00167		46
.00204		.00037	.00003	.00016	.00011	.00008 .00004	.00005			.00001 .00002		.00045 .00040	.00002	.00002	.00116 .00125		44+45 46 47 48 49 50 51 52 53 54 55 56 57
.00008 .00155	.00017 .00112	.00114 .00004	.00009 .00163	.00089	.00121 .00045	.00048 .00016	.00004 .00058	.00081		.00001 .00007	.00013 .00012	.00099 .00487	.00016 .05705	.00030 .00200	.00129 .00140	.00020 .00218	50 51
.00001 .00167	.00099	.00001 .00110	.00001	.00042	.00031 .00017	.00025 .00007	.00004	.00002		.00001	.00010 .00022	.00353 .00062	.00001 .00105	.00002 .00002	.00042 .00255	.00007 .00003	52 53
.00032		.00076	.00001	.00099	.00031	.00001 .00044	.00005	.00009		.00009	.00013	.00744 .00024	.00001	.00005	.00001 .00036	.00010	54
.01665 .01357	.00140			00151	.00025	.00006	.00003	.00002		.00001	.00007	.00013	.00004	.00003	.00019 .00725	.00007 .00010	57
.00128	.00031	.00063	.00034	.00151	.00067	.00062	.00081	.00114		.00013	.00027	.00064	.00286	.00162	.00119	.00054	59/
						(*)		.00023		(*)					.00082		59A 59E 60 61 62 63
.00012 .00040	.00010 .00136	.00061 .00005	.00023 .00009	.03665 .00031	.00009 .00109	.000Ò9 .00036	(*) .00149	.00023 .00140		.00006 .00025	.00025 .00047	.00080 .01042	.00058 .00057	.00007 .00234	.00050 .00349	.00003 .00124	62
.00071 .00075	.00017 .00061	.00019 .02740	.00011 .00043	.00021 .00224	.00094 .00091	.00091 .00082	.00155 .00079	.00076 .00119	.00001	.00028 .00067	.00143 .00107	.01441 .00077	.00046 .00070	.00122 .00071	.00185 .00160	.00111 .00064	65 <i>A</i>
.00119 .00005	.00157	.00341 .00433	.00049 .00077	.00584 .00089	.00385 .00025	.00276 .00014	.01032 .00008	.00384 .00003	.00005	.00101 .00002	.00532 .00025	.00524 .00033	.00145 .00009	.00289 .00014	.00474 .00035	.00147 .00010	65E 65C
.00323 .00006	.00249 .00003	.00228 .00020	.00295 .00502	.00344 .00047	.00467 .00052	.00285 .00009	.00332 .00006	.00439 .00007		.00232 .00005	.00374 .01341	.00308 .00011	.00423 .00009	.00329 .00008	.00531 .00013	.00244 .00010	65E
.13344	.01580	.00171	.00069	.02210	.01525	.00954	.01247	.01807		.00687	.01320	.01242	.02061	.01178	.01314	.01045 .00496	66
.00389 .00034 .00110	.00647 .00017 .00150	.00014 .02757 .00114	.00208	.00422 .02706 .07460	.00841	.02278 .00165 .00321	.00474	.00163 .00018 .00051		.01198	.03627	.01398 .00439 .00509	.00353 .00025 .00036	.00338 .00051 .00048	.00403 .00085 .00082	.00409 .00023 .00010	68A 68E 68C
.00864	.00324	.00699	.00026 .00631 .00033	.03185	.00165 .02539 .00262	.00321	.00252 .00436 .00032	.00287	.00041 .00042	.00631 .00153 .00049	.01362 .00738 .00193	.01758	.0036	.00481	.01126 .00204	.00891	69 <i>A</i>
.01066 .00162	.00845	.01689	.00866	.00777	.01122	.01677	.14408	.04624	.01868	.00928	.05121	.00958	.00861	.01057	.00897	.00589	70 <i>A</i>
.01605	.02306	.01130	.00389	.00401	.02876	.07147	.03225	.03993	.03590	.06542	.07317	.05602	.03183	.05303	.02883	.04554	71 <i>F</i>
.00303 .00694	.00259 .00334	.00235 .00056	.00141 .00028	.00245 .00417	.00344 .00218	.00304 .00320	.00289 .00105	.00468 .00076		.00256 .00353	.00364 .00681	.00263 .04881	.00278 .00148	.00532 .00081	.00475 .00180	.00238	72A 72E 73A
.01367 .02960	.01444 .01485	.01022 .01160	.00263 .02464	.00308 .03493	.01359 .01208	.00656 .01012	.03062 .02704	.00970 .03350	.00524	.00114 .01707	.00664 .00859	.00592 .03358	.08013 .01561	.02399 .07542	.01545 .01901	.00834 .03740	1 735
.01926 .01579	.02647 .02830	.01049 .00077	.00518 .00024	.01142 .00005	.04281 .02535	.03528 .05070	.03939 .01784	.03829 .01181	.00359	.02600 .00909	.07126 .01758	.02751 .02470	.03142 .00937	.08233 .00360	.05323 .00828	.08217 .00606	73C 73E
.00358 .00549	.00307	.00281	.00158	.00313	.00395 .00842	.00425	.00339	.00555		.00300	.00550	.00356	.00367	.00318	.00630 .00679	.00281	73C 73E 74
.01354	.37883	.00030	00029	.00026	.00115	.00084	.00052	.00062		.00031	.00055	.00047	.00040	.00070	.00132 .00001	.02056	77.4 77.4 77.5
.00150 .00316 .00019	.00535 .00116 .00027	.00312 .00269 .00012	.00052 .00113 .00008	.00063 .00162	.00199	.00097	.00208 .02139 .00034	.00146 .00771 .00011		.00087	.00185 .00505 .00173	.00355	.00648 .00609 .00012	.00305 .00942 .00028	.00333 .00617 .00025	.00224 .00532 .00020	775
.03068		.00012	.00062	.00010	.00057 .00721 (*)	.00069 .00015 (*)	.00748	.00313		.00074	.00134	.00072 .00024 .00001	.00474	.00028	.00025	.00020	80
								(*)		(*)							82
																	87 82 83 84 85
.42064 .57936	.59777 .40223	.35062 .64938	.75984 .24016	.54113 .45887	.29708 .70291	.31165 .68834	.39903 .60097	.55049 .44949	.12776 .87224	.25063 .74936	.43742 .56258	.41162 .58838	.38352 .61648	.33300 .66700	.27518 .72481	.35614 .64386	VA
1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1

## **Table 3.1.—Commodity-by-Industry Direct Requirements, 1992—**Continued [Direct requirements per dollar of industry output, at producers' prices]

Com	[Direct requirements	Eating	Auto-	Ty Output,		Educational	Federal	State and	Ganaral		Inventor
Com- modity number	For the composition of inputs to an industry, read the column for that industry	and drinking places	motive repair and services	Amuse- ments	Health services	and social services, and membership organizations	Government enterprises	local government enterprises	General government industry	Household industry	Inventory valuation adjustment
	Industry number	74	75	76	77A	77B	78	79	82	84	85
1 2	Livestock and livestock products	0.00114 .00657	.00001	0.00032 .00121	0.00010 .00036	0.00028 .00054	.00010				
3	Orier agricultural products Agricultural, forestry, and fishery services	.00622	.00001	.00005	.00036	.00054	.00010	.00326			
5+6 7	Metallic ores mining Coal mining	.00000	.00038	.00223	.00132	.00001	.00003				
8 9+10	Crude petroleum and natural gas Nonmetallic minerals mining					.00001		.00679 .00055			
11 12	New construction Maintenance and repair construction	.00758	.00387	.00878	.00511	.04063	.01512	.21798			
13 14	Ordnance and accessories Food and kindred products	.21922		.00008 .00570	.00763	.01098	.00294				
15 16	Tobacco products Broad and narrow fabrics, yarn and thread mills			.00066	.00006	.00015	.00013	.00011			
17 18 19	Miscellaneous textile goods and floor coverings Apparel	.00014	.00040	.00008	.00009	.00004 .00035	.00007 .00002	.00012 .00037			
20+21 22+23	Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures	.00056 .00009	.00090 .00008 .00120	.00044 .00064 .00002	.00122 .00024 .00001	.00035 .00085 .00001	.00179	.00002			
24 25	Paper and allied products, except containers Paperboard containers and boxes	.00320	.00120	.00180	.00416	.00579	.00126	.00048			
26A 26B	Newspapers and periodicals Other printing and publishing	.00010	.00030	.00052	.00069	.00412 .04096	.00007	.00006 .00162			
27A 27B	Industrial and other chemicals Agricultural fertilizers and chemicals	.00107	.00158	.00096	.01445	.00092 .00021	.00171	.01303 .00152			
28 29A	Plastics and synthetic materials			.00007	.00032 .01341	.00028		.00003			
29B 30	Cleaning and toilet preparations	.00019 .00002	.00087 .00246	.00026 .00030	.00116 .00001	.00073 .00025	.00062	.00042			
31 32	Petroleum refining and related products	.00257 .00785	.01418 .02077	.00290 .00116	.00178 .01163	.00423 .00313	.01204 .00028	.03892 .00137			
33+34 35	Footwear, leather, and leather products Glass and glass products	.00001	.00001	.00058	.00008	.00066 .00130	.00030 .00005	.00053			
36 37 38	Stone and člay products Primary iron and steel manufacturing	.00139	.00035	.00002 .00001 .00012	.00035 (*) .00002	.00001 .00009 .00001	.00071	.00564			
39 40	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products			.00012		.00001		.00002			
41 42	Screw machine products and stampings Other fabricated metal products	.00020	.01060	.00016	.00059	.00033	.00046 .00013	.00002 .00025			
43 44+45	Engines and turbines Farm, construction, and mining machinery	.00001	.00475	.00003	(*)	.00002	.00162	.00122 .00172			
46 47	Materials handling machinery and equipment  Metalworking machinery and equipment	(*)	.00023	.00006	.00002	.00007	.00008 .00007	.00013			
48 49	Special industry machinery and equipment	.00053 .00058	.00025 .00018		.00001 .00001	.00001	.00013	.00015			
50 51	Miscellaneous machinery, except electrical	.00013 .00004	.00220 .00004	.00022 .00017	.00021 .00141	.00041 .00032	.00156 .00005	.00943			
52 53	Service industry machinery	.00016 .00002	.00667 .00297	.00083 .00002	.00018 .00018	.00018 .00010	.00025	.00416 .00476			
54 55 56	Household appliances	.00002	.00356	.00071	.00002	.00007 .00045 .00028	.00046	.00011 .00134 .00046			
57 58	Audio, video, and communication equipment Electronic components and accessories Miscellaneous electrical machinery and supplies	.00006	.00012 .00197 .00515	.00007 .00002 .00521	.00002 .00035 .00052	.00028	.00030	.00046 .00045 .00165			
59A 59B	Motor vehicles (passenger cars and trucks)  Truck and bus bodies, trailers, and motor vehicles parts	.00010	.00078	.00321	.00032	.00113	.01207	.00301			
60 61	Aircraft and parts		.00001	.00032		.00002	.00016	.00167			
62 63	Scientific and controlling instruments	.00002 .00007	.00069 .00030	.00011 .00047	.01698 .00232	.00100 .00198	.00002 .00018	.00014 .00014			
64 65A	Miscellaneous manufacturing	.00132 .00175	.00036 .00194	.00252 .00065	.00072 .00131	.00400 .00088	.00054 .01173	.00055 .00504			
65B 65C	Motor freight transportation and warehousing	.00784 .00027	.00634 .00045	.00200 .00024	.00316	.00345 .00014	.01586 .00246	.00458 .00291			
65D 65E	Air transportation Pipelines, freight forwarders, and related services	.00319	.00439	.00260	.00305	.00332	.02541	.00108 .00032 .00504			
66 67 68A	Communications, except radio and TV Radio and TV broadcasting Electric services (utilities)	.00388	.00912	.00767	.00884	.00927	.00323	.00504			
68B 68C	Gas production and distribution (utilities) Water and sanitary services	.00355	.00237	.00133	.00752	.00227	.00328	.02873			
69A 69B	Wholesale trade  Retail trade	.04654	.04133	.01470	.01506	.01301 .00143	.00677	.00784 .00020			
70A 70B	Finance	.00953 .00138	.01594 .00447	.00878 .00148	.00658 .00290	.01167 .00229	.00668 .00167	.01187 .00213			
71A 71B	Owner-occupied dwellings	.04910	.05127	.06280	.06067	.11214	.01178	.02323			
72A 72B	Hotels and lodging places	.00289	.00345	.00252	.00302	.00314 .00216	.00033	.00026 .00119			
73A 73B	Computer and data processing services Legal, engineering, accounting, and related services  Other burgers and processing expenses expense expenses are processed to the computer of the comput	.00267	.00416	.00443	.01102	.01864 .01411	.00377	.00469 .03551			
73C 73D 74	Other business and professional services, except medical	.02095 .02177 .01515	.02086 .01648 .00400	.03348 .03896 .00363	.04362 .00447 .00780	.04912 .02512 .00721	.01488 .00008 .00121	.01809 .00220 .00137			
74 75 76	Automotive repair and services  Amusements	.00425 .00876	.00400	.00664	.00780	.00583	.00348	.00530			
77A 77B	Health services Educational and social services, and membership organizations	.00070	.00031	.00027	.00041		.00034	.00002			
78 79	Educational and social sorties, and intended in programment enterprises  State and local government enterprises	.00171	.00363	.00414	.00954	.00953 .00042	.00079	.00289			
80 81	Noncomparable imports	.00046	.00009	.00183	.00004	.00009	.02070				
82 83	General government industry										
84 85	Household industry										
VA T	Total intermediate inputs	.52032	.47254	.45046 .54954	.65745	.44948 .55052	.23107 .76893	.56803 .43197	1.00000	1.00000	1.00000
	Total <sup>1</sup>	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000

<sup>\*</sup> Less than .000005.

1. Detail may not add to 1 because of rounding.

## Table 3.2.—Input Components by Industry: Direct Requirements, 1992 Benchmark [Direct requirements per dollar of total industry output, at producers' prices]

			Value	added				
Industry number		Total	Compensation of employees	Indirect business tax and nontax liability	Other value added	Total intermediate inputs	Total <sup>1</sup>	Industry number
1	Livestock and livestock products	0.17052	0.04951	0.01416	0.10685	0.82948	1.00000	1
2	Other agricultural products	.53318	.07266	.03128	.42924	.46682	1.00000	2
3	Forestry and fishery products	.49995	.17175	.05337	.27484	.50005	1.00000	3
4	Agricultural, forestry, and fishery services	.60111	.50296	.02014	.07801	.39889	1.00000	4
5+6	Metallic ores mining	.40283	.25314	.05042	.09927	.59717	1.00000	5+6
/ 8	Coal mining	.58714 .46800	.31081 .13407	.09024 .04488	.18609 .28905	.41286 .53200	1.00000 1.00000	/ 8
9+10	Crude petroleum and natural gas	.60035	.32890	.04217	.22928	.39965	1.00000	9+10
11	New construction	.44375	.34960	.00621	.08794	.55625	1.00000	11
12	Maintenance and repair construction	.49398	.37362	.00319	.11717	.50602	1.00000	12
13	Ordnance and accessories	.57962	.39484	.01211	.17267	.42038	1.00000	13
14 15	Food and kindred products	.30608 .64094	.13718 .08374	.02508 .13800	.14382 .41919	.69392 .35906	1.00000 1.00000	14 15
16	Broad and narrow fabrics, yarn and thread mills	.34863	.25032	.00598	.09233	.65137	1.00000	16
17	Miscellaneous textile goods and floor coverings	.32816	.20432	.00688	.11695	.67184	1.00000	17
18	Apparel	.33730	.27610	.00356	.05764	.66270	1.00000	18
19 20+21	Miscellaneous fabricated textile products	.38720 .36675	.27059 .21297	.00451 .00553	.11210 .14825	.61281 .63325	1.00000 1.00000	19 20+21
22+23	Furniture and fixtures	.45285	.30253	.00517	.14515	.54715	1.00000	22+23
24	Paper and allied products, except containers	.40005	.20445	.00869	.18690	.59995	1.00000	24
25	Paperboard containers and boxes	.32250	.24992	.00877	.06381	.67750	1.00000	25
26A 26B	Newspapers and periodicals	.59983	.33669	.00563	.25752	.40017	1.00000	26A 26B
20B 27A	Other printing and publishing	.52016 .36665	.30979 .19987	.00553 .01581	.20484 .15097	.47984 .63335	1.00000 1.00000	20B 27A
27B	Agricultural fertilizers and chemicals	.34698	.13970	.00892	.19836	.65302	1.00000	27B
28	Plastics and synthetic materials	.30783	.19234	.00826	.10722	.69217	1.00000	28
29A	Drugs	.50989	.19212	.01093	.30684	.49011	1.00000	29A
29B	Cleaning and toilet preparations	.46202	.14750	.00861	.30592	.53798	1.00000	29B 30
30 31	Paints and allied products	.40647 .13401	.20285 .06050	.00852 .02882	.19510 .04469	.59353 .86599	1.00000 1.00000	30 31
32	Rubber and miscellaneous plastics products	.43821	.27953	.00835	.15033	.56179	1.00000	32
33+34	Footwear, leather, and leather products	.37489	.25267	.00694	.11529	.62511	1.00000	33+34
35	Glass and glass products	.53017	.31170	.00898	.20949	.46983	1.00000	35
36	Stone and clay products	.45588	.29053	.00960	.15574	.54412	1.00000	36 37
37 38	Primary iron and steel manufacturing	.35802 .25610	.27323 .17987	.01131 .01140	.07348 .06482	.64198 .74390	1.00000 1.00000	37 38
39	Primary nonferrous metals manufacturing	.19150	.15446	.00712	.02993	.80850	1.00000	39
40	Heating, plumbing, and fabricated structural metal products	.41838	.30632	.00723	.10483	.58162	1.00000	40
41	Screw machine products and stampings	.43466	.37141	.00715	.05610	.56534	1.00000	41
42	Other fabricated metal products	.47317	.32329	.00711	.14277	.52683	1.00000	42
43 44+45	Engines and turbines	.38899 .40892	.26731 .27358	.00780 .00809	.11388 .12725	.61101 .59108	1.00000 1.00000	43 44+45
46	Materials handling machinery and equipment	.43155	.32826	.00773	.09556	.56845	1.00000	44743
47	Metalworking machinery and equipment	.56152	.45992	.00789	.09371	.43848	1.00000	47
48	Special industry machinery and equipment	.47679	.36642	.00796	.10242	.52321	1.00000	48
49	General industrial machinery and equipment	.48541	.36077	.00788	.11676	.51459	1.00000	49
50 51	Miscellaneous machinery, except electrical	.56480 .28146	.47453 .20895	.00778 .00795	.08249 .06456	.43520 .71854	1.00000 1.00000	50 51
52	Service industry machinery	.41455	.28286	.00798	.12372	.58545	1.00000	50 51 52 53 54 55 56 57
53	Electrical industrial equipment and apparatus	.48319	.33076	.00737	.14506	.51681	1.00000	53
54	Household appliances	.35243	.21075	.00781	.13387	.64757	1.00000	54
55 56	Electric lighting and wiring equipment	.47224 .47213	.29868 .27704	.00748 .00736	.16608 .18773	.52776 .52787	1.00000 1.00000	55
57	Electronic components and accessories	.48520	.33266	.00730	.14512	.51480	1.00000	57
58	Miscellaneous electrical machinery and supplies	.41917	.29529	.00754	.11634	.58083	1.00000	58
59A	Motor vehicles (passenger cars and trucks)	.15894	.11261	.00637	.03996	.84106	1.00000	59A
59B	Truck and bus bodies, trailers, and motor vehicles parts	.31502	.27857	.00546	.03098	.68498	1.00000	59B
60 61	Aircraft and parts	.42751 .47897	.34470 .35337	.00659 .00607	.07623 .11953	.57249 .52103	1.00000 1.00000	60 61
62	Scientific and controlling instruments	.57093	.37522	.00605	.18966	.42907	1.00000	62
63	Ophthalmic and photographic equipment	.59339	.20447	.00605	.38287	.40661	1.00000	63
64	Miscellaneous manufacturing	.43452	.29723	.00825	.12903	.56548	1.00000	64
65A 65B	Railroads and related services; passenger ground transportation	.61682 .49937	.42074 .33263	.01804 .01566	.17803 .15108	.38318 .50063	1.00000 1.00000	65A 65B
65C	Motor freight transportation and warehousing	.39445	.22010	.01797	.15638	.60555	1.00000	65C
65D	Air transportation	.44790	.34800	.06051	.03940	.55210	1.00000	65D
65E	Pipelines, freight forwarders, and related services	.58377	.31860	.02954	.23563	.41623	1.00000	65E
66	Communications, except radio and TV	.57936	.21125	.06065	.30747	.42064	1.00000	66
67 68A	Radio and TV broadcasting	.40223 .64938	.28608 .13023	.01843 .07346	.09772 .44569	.59777 .35062	1.00000 1.00000	67 68A
68B	Gas production and distribution (utilities)	.24016	.06266	.04647	.13104	.75984	1.00000	68B
68C	Water and sanitary services	.45887	.22610	.09556	.13721	.54113	1.00000	68C
69A	Wholesale trade	.70291	.40665	.17842	.11784	.29708	1.00000	69A
69B	Retail trade	.68834	.41412	.14010	.13411	.31165	1.00000	69B
70A	Finance	.60097	.34949	.03925	.21223	.39903	1.00000	70A
70B 71A	Insurance	.44949 .87224	.39773	.06023 .15970	00848 .71254	.55049 .12776	1.00000 1.00000	70B 71A
71B	Real estate and royalties	.74936	.08790	.14493	.51654	.25063	1.00000	71B
72A	Hotels and lodging places	.56258	.35512	.08761	.11985	.43742	1.00000	72A
72B	Personal and repair services (except auto)	.58838	.33107	.02283	.23448	.41162	1.00000	72B
73A	Computer and data processing services	.61648	.42702	.01615	.17331	.38352	1.00000	73A
73B 73C	Legal, engineering, accounting, and related services	.66700 .72481	.46509 .42605	.00670 .01638	.19521 .28239	.33300 .27518	1.00000 1.00000	73B 73C
73D	Advertising	.64386	.39424	.01179	.23784	.35614	1.00000	73D
74	Eating and drinking places	.47967	.33930	.05930	.08107	.52032	1.00000	74
75	Automotive repair and services	.52746	.28234	.04847	.19665	.47254	1.00000	75
76 77 ^	Amusements	.54954	.32466	.04130	.18358	.45046	1.00000	76 77 A
77A 77B	Health services  Educational and social services, and membership organizations	.65745 .55052	.51475 .50856	.00608 .00229	.13662 .03967	.34255 .44948	1.00000 1.00000	77A 77B
78	Federal Government enterprises	.76893	.78461	.00229	01568	.23107	1.00000	78
79	State and local government enterprises	.43197	.29738		.13458	.56803	1.00000	79
82	General government industry	1.00000	.85586		.14414		1.00000	82
84	Household industry	1.00000	1.00000		1 00000		1.00000	84
85	Inventory valuation adjustment	1.00000			1.00000		1.00000	85

<sup>1.</sup> Detail may not add to 1 because of rounding.

## Table 4.—Commodity-by-Commodity [Total requirements, direct and indirect, per dollar

	[Total requirements, direct and indirect, per dollar											
Com- modity number	Each entry represents the output required, directly and indirectly, of the commodify named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agri- cultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Non- metallic minerals mining	New con- struction	Maintenance and repair construction	Ordnance and accessories
	Commodity number	1	2	3	4	5+6	7	8	9+10	11	12	13
1 2 3 4 5+6 7 8 9+10	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Coal mining Crude petroleum and natural gas Nonmetallic minerals mining New construction	1.20722 .33041 .00296 .08015 .00097 .00440 .02986 .00404	0.00324 1.04011 .00120 .07790 .00086 .00237 .03761 .00889	0.02212 .03492 1.02374 .18378 .00059 .00117 .03230 .00223	0.03306 .12683 .00197 1.02006 .00074 .00160 .02231 .00619	0.00077 .00168 .00121 .00289 1.24342 .01400 .04589 .00334	0.00058 .00111 .00074 .00145 .00146 1.13119 .02942 .00148	0.00048 .00090 .00053 .00178 .00124 .00333 1.27159 .00122	0.00056 .00091 .00053 .00118 .00196 .01117 .05151 1.04025	0.00077 .00422 .00668 .00510 .00300 .00305 .02032 .01239 1.00037	0.00080 .00465 .00822 .00610 .00261 .00261 .02522	0.00062 .00104 .00082 .00172 .00370 .00300 .01148
12 13 14	Maintenance and repair construction Ordnance and accessories Food and kindred products	.03693 .00001 .25384	.02881 .00001 .00414	.04135 .00001 .04449	.02166 .00001 .01738	.04339 .00001 .00313	.01544 .00001 .00224	.04970 .00001 .00198	.02242 .00001 .00241	.01221 .00002 .00249	1.01187 .00002 .00247	.01631 1.01284 .00254
15 16 17 18 19 20+21 22+23	Tobacco products Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings Apparel Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures	.00268 .00341 .00032 .00107 .00908	.00499 .00282 .00025 .00206 .01085	.00240 .00677 .00022 .00163 .00564 .00004	.00281 .00371 .00027 .00339 .00445 .00004	.00069 .00056 .00018 .00024 .01153 .00004	(*) .00507 .00045 .00034 .00019 .00656 .00003	.00028 .00030 .00011 .00017 .00532 .00003	.00062 .00048 .00016 .00018 .00362 .00003	.00213 .00362 .00026 .00089 .07719	(*) .00198 .00393 .00026 .00106 .09569 .00019	.00187 .00077 .00088 .00033 .00654
24 25 26A 26B 27A 27B 28	Paper and allied products, except containers Paperboard containers and boxes Newspapers and periodicals Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials	.01745 .01008 .00045 .00568 .01950 .03958 .00624	.01083 .00958 .00030 .00352 .02234 .09872 .00487	.00792 .00525 .00025 .00378 .01081 .02456 .00429	.00802 .00777 .00040 .00368 .02007 .09862 .00376	.00520 .00250 .00024 .00315 .08512 .00146 .00532	.00354 .00166 .00023 .00257 .01986 .00063	.00279 .00088 .00018 .00231 .02157 .00057 .00146	.00505 .00186 .00155 .00294 .03189 .00061	.01214 .00397 .00032 .00436 .02165 .00142 .01018	.00996 .00369 .00029 .00398 .02018 .00158	.00633 .00433 .00034 .00294 .02272 .00142 .01118
29A 29B 30 31 32 33+34 35 36	Drugs Cleaning and toilet preparations Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products Footwear, leather, and leather products Glass and glass products Stone and clay products	.00569 .00202 .00092 .03386 .01966 .00063 .00370	.00021 .00097 .00068 .03972 .01240 .00010 .00078	.00038 .00191 .00075 .04337 .00790 .00033 .00115	.00047 .00093 .00080 .01991 .00777 .00017 .00121	.00010 .00066 .00131 .04458 .01921 .00006 .00091	.00004 .00041 .00066 .03792 .01681 .00004 .00069	.00003 .00036 .00078 .01376 .00380 .00006 .00044	.00005 .00083 .00081 .05191 .01978 .00004 .00140	.00005 .00110 .01042 .02299 .02646 .00012 .00464 .06001	.00004 .00122 .01062 .03155 .02771 .00012 .00274	.00005 .00043 .00117 .00945 .02442 .00006 .00160 .00426
37 38 39 40 41 42 43	Primary iron and steel manufacturing Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products	.00204 .00795 .00734 .00697 .00269 .00204 .00721	.00591 .00385 .00092 .00226 .00104 .00578	.00526 .00398 .00166 .00249 .00106 .00441	.00413 .00330 .00121 .00141 .00095 .00527	.05731 .00896 .00076 .01417 .00411 .00623	.0030 .01998 .00733 .00031 .00627 .00783 .00678	.00303 .02230 .00382 .00026 .00311 .00088 .00828	.00792 .02809 .00708 .00042 .00811 .00330 .00538	.03558 .02881 .00073 .05544 .00480 .02894	.02945 .02597 .00073 .04552 .00418 .02417	.00425 .03455 .04539 .00035 .00236 .01118 .01951
44+45 46 47 48 49 50 51	Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment Miscellaneous machinery, except electrical Computer and office equipment	.00629 .00024 .00135 .00055 .00211 .00315	.00764 .00026 .00102 .00042 .00183 .00304 .00081	.00521 .00013 .00070 .00035 .00161 .00191	.00249 .00019 .00056 .00042 .00098 .00194	.03887 .00805 .00248 .00068 .00828 .00693	.03885 .00685 .00152 .00029 .01309 .00860	.00396 .00073 .00085 .00022 .00249 .00331	.04034 .01509 .00154 .00037 .01126 .00515	.00297 .00333 .00285 .00054 .01034 .00416	.00283 .00048 .00229 .00054 .00527 .00309	.00041 .00015 .00460 .00333 .01543 .01165
52 53 54 55 56 57 58	Service industry machinery	.00073 .00176 .00015 .00167 .00042 .00332 .00493	.00056 .00131 .00013 .00123 .00031 .00259	.00087 .00134 .00014 .00139 .00031 .00222 .00241	.00057 .00090 .00010 .00135 .00029 .00221	.00076 .00473 .00016 .00111 .00036 .00272 .00141	.00052 .00493 .00007 .00118 .00021 .00200	.00077 .00202 .00017 .00112 .00032 .00149	.00063 .00617 .00008 .00073 .00028 .00257	.01241 .00986 .00229 .01948 .00466 .00537	.01202 .00798 .00273 .01773 .00326 .00464	.00036 .00909 .00008 .00160 .01234 .07289 .00095
59A 59B 60 61 62 63 64	Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment Miscellaneous manufacturing	.00004 .00447 .00023 .00056 .00082 .00072 .00126	.00003 .00388 .00019 .00025 .00046 .00050	.00004 .00522 .00031 .00049 .00165 .00052	.00003 .00462 .00054 .00021 .00067 .00077	.00004 .00449 .00039 .00063 .00082 .00056	.00004 .00355 .00035 .00087 .00034 .00054	.00002 .00174 .00021 .00021 .00039 .00055	.00004 .00576 .00031 .00027 .00040 .00045 .00092	.00004 .00437 .00027 .00041 .00424 .00093	.00005 .00475 .00025 .00043 .00351 .00081 .00428	.00002 .00181 .09209 .00021 .03487 .00077
65A 65B 65C 65D 65E 66 67	Railroads and related services; passenger ground transportation  Motor freight transportation and warehousing  Water transportation  Air transportation  Pipelines, freight forwarders, and related services  Communications, except radio and TV  Radio and TV broadcasting	.02287 .05148 .00448 .00561 .00503 .01291 .00009	.00712 .02760 .00367 .00446 .00317 .00891	.00465 .01483 .01664 .00742 .00353 .00730	.00672 .02547 .00218 .01446 .00314 .00935 .00006	.01385 .03257 .00440 .00766 .00395 .00974	.03642 .02325 .00798 .00665 .00348 .00655	.00446 .00940 .00446 .00530 .00191 .00779 .00004	.00921 .03161 .00317 .00588 .00385 .00879 .00005	.00719 .03690 .00323 .00561 .00280 .01258	.00701 .03488 .00328 .00534 .00296 .01252 .00006	.00479 .01939 .00106 .00842 .00197 .00917
68A 68B 68C 69A 69B 70A 70B 71A	Electric services (utilities) Gas production and distribution (utilities) Water and sanitary services Wholesale trade Retail trade Finance Insurance Owner-occupied dwellings	.03736 .01200 .00676 .12473 .00337 .02231 .01117	.01822 .01466 .00842 .08357 .00224 .01531 .00758	.00844 .00832 .00334 .04815 .00435 .01812 .01020	.01143 .00838 .00317 .06489 .00208 .01612 .00659	.10358 .02576 .00324 .06621 .00465 .02204 .00698	.03209 .01002 .00211 .05650 .00299 .01669 .00452	.02699 .04649 .00373 .02424 .00427 .01603 .00415	.05772 .03558 .00301 .06185 .00515 .01936 .00693	.01595 .00948 .00405 .07792 .04214 .01954	.01493 .00914 .00410 .07459 .04703 .01810	.01958 .00794 .00326 .05904 .00157 .01663 .00402
71B 72A 72B 73A 73B 73C 73D	Owner-occupied wellings Real estate and royalties Hotels and lodging places Personal and repair services (except auto) Computer and data processing services Legal, engineering, accounting, and related services Other business and professional services, except medical Advertising	.11111 .00383 .00305 .00885 .01719 .03654 .01667	.11664 .00266 .00270 .00607 .01425 .03096	.03288 .00460 .00234 .00653 .03326 .03421	.04190 .00346 .00420 .00610 .02516 .02951	.03599 .00641 .00241 .01053 .03371 .03760 .00813	.04221 .00527 .00160 .00658 .02715 .02458 .00653	.23114 .00499 .00178 .00589 .03661 .02329	.03483 .00500 .00186 .01032 .02225 .02647 .00957	.03246 .00432 .00271 .00963 .08607 .05858 .01187	.03141 .00407 .00269 .00856 .05053 .05843	.02500 .00556 .00259 .01506 .01666 .03494 .01323
73D 74 75 76 77A 77B 78 79 80	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations Federal Government enterprises State and local government enterprises	.01667 .00456 .01388 .00322 .01915 .00257 .00333 .00130	.00830 .00312 .01165 .00207 .00008 .00177 .00230 .00107	.00642 .00566 .01193 .00314 .00064 .00335 .00265 .00072	.01110 .00459 .01853 .01053 .00082 .00173 .00295 .00116	.00813 .00841 .01212 .00166 .00003 .00359 .00366 .00112	.00653 .00654 .00650 .00155 .00002 .00328 .00192 .00065	.00721 .00603 .00570 .00163 .00001 .00186 .00220 .00053	.00957 .00700 .00776 .00163 .00002 .00183 .00260 .00067	.01187 .00540 .01422 .00216 .00003 .00187 .00435 .00103	.01151 .00516 .01525 .00212 .00003 .00174 .00413 .00093	.01323 .00747 .00722 .00214 .00002 .00218 .00220 .00126 .00429
80 81 82 83 84 85	Noncomparable Imports Scrap, used and secondhand goods General government industry Rest of the world adjustment to final uses Household industry Inventory valuation adjustment Total commodity output multiplier	2.77758				2.22386	.00454	.00095		2.08087		1.83885

\* Less than .000005.

**Total Requirements, 1992** of delivery to final demand, at producers' prices]

of delivery to final demand, at producers' prices]																		
Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscel- laneous textile goods and floor coverings	Apparel	Miscel- laneous fabricated textile products	Lumber and wood products	Furniture and fixtures	Paper and allied products, except containers	Paper- board containers and boxes	News- papers and periodicals	Other printing and publishing	Industrial and other chemicals	Agri- cultural fertilizers and chemicals	Plastics and synthetic materials	Drugs	Cleaning and toilet prepar- ations	Paints and allied products	Com- modity number
14	15	16	17	18	19	20+21	22+23	24	25	26A	26B	27A	27B	28	29A	29B	30	
0.25270 .16571 .01038 .02652 .00171 .00420 .02394 .00251	0.00073 .08804 .00049 .00707 .00031 .00184 .00831 .00107		0.00752 .02338 .00106 .00333 .00270 .00633 .03967 .00299	0.00577 .02755 .00424 .00391 .00102 .00439 .02060 .00127	0.00753 .03240 .00110 .00390 .00133 .00448 .02438	0.00327 .00508 .11879 .02235 .00117 .00328 .02272 .00166	0.00219 .00634 .01031 .00354 .00395 .00467 .01899 .00153	0.00300 .00390 .01008 .00333 .00174 .00994 .03517	0.00174 .00243 .00470 .00213 .00197 .00710 .03084 .00316	0.00076 .00103 .00130 .00138 .00049 .00204 .01033 .00098	.00149	0.00200 .01105 .00121 .00236 .01450 .00781 .13384 .01348	0.00492 .00518 .00147 .00207 .00469 .00681 .10802 .05956	0.00209 .01129 .00130 .00235 .00678 .00753 .07680 .00628	0.00222 .00485 .00115 .00171 .00098 .00240 .01341 .00113	0.00471 .00481 .00137 .00180 .00289 .00328 .03470	.00505	1 2 3 4 5+6 7 8 9+10
				.02045 .00045 .00002 .00564 (°) .00038 .124775 .04142 .00334 .00033 .0527 .0038 .05027 .0038 .05027 .0038 .05027 .0038 .05027 .0038 .05027 .0038 .05027 .0038 .05027 .0038 .05027 .0038 .00528 .00144 .00403 .0053 .00528 .00728 .00728 .00728 .00728 .00728 .00728 .00728 .00728 .00729 .0082 .00929 .0										.03345 .00001 .00001 .00023 .00140 .00037 .00037 .00031 .00039 .00042 .00503 .00124 .00503 .00124 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00503 .00045 .00046 .00045 .0		.01979 .00002 .01698 (°) .00200 .00191 .00030 .00036 .00061 .00070 .01248 .01790 .00325 .1.65384 .00195 .00	.00685 .00774 .00524 .01121 .00013 .02721 .02189 .00933 .00262 .02252 .00561 	9+10 111 112 113 114 115 116 117 118 118 120+23 120+23 120+23 131 134 135 140 137 138 139 139 131 131 131 131 131 131 131 131
.00363 .01743 .03905 .04190 .00762 .01379 .00575 .00406 .00254 .00340 .00191	.00007 .01817 .02310 .09190 .00581 .00707 .01075 .00002 .00182 .00325 .00110 .00253	.01282 .02359 .04004 .01282 .00864 .01347 .00225 .00026 .00250 .00329 .00158 .00649 .00058	.01290 .02901 .04147 .02125 .00944 .01469 .00324 .00014 .00277 .00403 .00267	.01000 .01842 .08208 .02400 .00996 .01049 .00373 .00011 .00273 .00405 .00376 .00505	.00309 .03765 .01570 .00946 .01073 .00250 .00013 .00729 .00420 .00371 .00508 .00063	.00360 .01944 .03860 .01399 .00913 .01483 .00269 .00010 .00573 .00346 .00301 .00430		.01239 .01900 .04050 .01685 .00847 .01659 .00287 .00007 .00309 .00334 .00287 .00615	.01221 .01747 .04218 .01390 .00922 .01707 .00261 .00006 .00273 .00353 .00217 .00587	.0143/ .02446 .05521 .03963 .00674 .00889 .00531 .00002 .00221 .01124 .00247 .00473 .00122	.01543 .03821 .02090 .00744 .01170 .00320 .00003 .00273 .00533 .00260 .00593 .00199	.04805 .04415 .01790 .00842 .01406 .00300 .00005 .00273 .00367 .00164 .01520 .00121	.03686 .05083 .02632 .00860 .01755 .00376 .00011 .00309 .00346 .00265 .00923 .00123	.01469 .04619 .01820 .00911 .01599 .00322 .00005 .00387 .00367 .00201 .01304	.004459 .04972 .07576 .00708 .00779 .00924 .00005 .00548 .00311 .00090 .03779	.03335 .04239 .07735 .00793 .01016 .00944 .00009 .00345 .00389 .00109 .01549	.03635 .03635 .02426 .00856 .01212 .00383 .00008 .00252 .00329 .00109 .01235 .00182	73B 73B 73C 73D 74 75 76 77A 77B 78 79 80 81 82 83
2.60115	1.65109	2.43670	2.50449	2.47704	2.37815	2.31991	2.13969	2.25040	2.43444	1.79098	1.94046	2.32586	2.34627	2.44927	1.88335	2.09829	2.30776	84 85
2.30113	1.00100	2.73070	2.50745	2.7/104	2.57013	2.51551	2.10009	2.23040	2.70774	1.73030		2.02000	2.37021	2.44321	1.00000	2.33023	2.50770	

## Table 4.—Commodity-by-Commodity [Total requirements, direct and indirect, per dollar

	[Total requirements, direct and indirect, per do										t, per dollar	
Com- modity number	Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Petroleum refining and related products	Rubber and miscel- laneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manu- facturing	Primary nonferrous metals manu- facturing	Metal con- tainers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products
	Commodity number	31	32	33+34	35	36	37	38	39	40	41	42
1 2 3 4 5+6	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Coal mining	0.00086 .00141 .00070 .00172 .00167 .00398	0.00155 .00478 .00899 .00306 .00292 .00532	0.04831 .02880 .00218 .00550 .00147 .00354	0.00075 .00141 .00233 .00162 .00266 .01176	0.00089 .00166 .00121 .00157 .00240 .01383	0.00069 .00106 .00087 .00141 .04735 .03183	0.00082 .00154 .00147 .00179 .06979 .00867	0.00094 .00148 .00103 .00151 .03349 .01117	0.00073 .00109 .00086 .00127 .01618 .00869	0.00070 .00102 .00076 .00115 .01450 .00963	0.00075 .00125 .00105 .00133 .01138 .00748
9+10 11 12	Crude petroleum and natural gas Nonmetallic minerals mining New construction Maintenance and repair construction	.73232 .00468 .05249	.03373 .00287 .02460	.00175	.03187 .01458 	.04171 .07855 	.03238 .00643 	.02984 .00219 .02759	.02823 .00256 .02721	.02018 .00219 	.01910 .00228 .02611	.02057 .00197 .02077
13 14 15 16 17	Ordnance and accessories Food and kindred products Tobacco products Broad and narrow fabrics, yarn and thread mills Miscelloracent buttle accept and flore experience	.00001 .00381 (*) .00054 .00043	.00001 .00485 (*) .01688 .01252	.00001 .14679 (*) .05237 .02902	.00001 .00313 (*) .00114 .00088	.00001 .00365 (*) .00518 .00062	.00002 .00297 (*) .00082 .00058	.00001 .00346 (*) .00122 .00065	.00001 .00415 (*) .00093 .00058	.00002 .00316 (*) .00086 .00061	.00002 .00303 (*) .00093 .00067	.00001 .00318 (*) .00166 .00103
18 19 20+21 22+23	Miscellaneous textile goods and floor coverings Apparel Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures	.00043 .00020 .00033 .00640 .00004	.0050 .00042 .00896 .00005	.00248 .00069 .00599 .00004	.00088 .00022 .00028 .02400 .00006	.00062 .00025 .00040 .01157 .00005	.00036 .00031 .00029 .00818 .00005	.00033 .00029 .01132 .00005	.00035 .00031 .00828 .00005	.00027 .00025 .00688 .00006	.00067 .00028 .00056 .00653 .00027	.00103 .00040 .00027 .00767 .00007
24 25 26A 26B	Paper and allied products, except containers Paperboard containers and boxes Newspapers and periodicals Other printing and publishing	.00596 .00274 .00030 .00385	.02976 .01709 .00040 .00456	.02392 .01074 .00043 .00668	.03046 .04832 .00028 .00335	.02122 .00611 .00049	.00638 .00252 .00034 .00597	.00770 .00425 .00033 .00455	.01452 .00650 .00037 .01384	.00896 .00730 .00035 .00443	.01056 .00809 .00034 .00468	.01493 .00867 .00033 .00439
27A 27B 28 29A	Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials Drus	.04043 .00097 .00291 .00007	.15585 .00347 .20178 .00018	.08138 .00422 .03017 .00082	.06782 .00112 .00978 .00009	.05011 .00097 .01238 .00008	.02977 .00069 .00445 .00005	.03824 .00129 .02794 .00007	.04169 .00103 .01571 .00007	.03154 .00073 .00971 .00005	.02280 .00062 .00937 .00005	.03569 .00082 .01779 .00006
29B 30 31 32	Cleaning and toilet preparations Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products Footwear, leather, and leather products	.00361 .00098 1.10001 .00907	.00281 .00218 .01821 1.07541	.00669 .00104 .01926 .05393	.00297 .00185 .01891 .03220 .00007	.00326 .00235 .03153 .01797	.00066 .00125 .02217 .01110	.00076 .00110 .02250 .02374	.00076 .02503 .02079 .01590	.00065 .00636 .01531 .02117	.00072 .00359 .01437 .01485	.00091 .00769 .01470 .03763
33+34 35 36 37 38	Fourwear, learner, and learner products Glass and glass products Stone and clay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing	.00009 .00322 .00649 .01638 .00460	.00018 .00733 .00379 .01528 .00828	1.28291 .00295 .00268 .00717 .00610	1.09780 .01851 .00873 .00680	.00007 .00378 1.11446 .02105 .00810	.00008 .00098 .02432 1.23505 .04563	.00007 .00675 .00685 .03387 1.48559	.00008 .00292 .00881 .24641 .52351	.00014 .00747 .00825 .24039 .14372	.00009 .00224 .00924 .27595 .08997	.00009 .00242 .00792 .17250 .09885
39 40 41 42	Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products	.00163 .00308 .00100 .00760	.00153 .00207 .00397 .01146	.00448 .00152 .00177 .01246	.00070 .00179 .00228 .00440	.00070 .00284 .00295 .01180	.00049 .00299 .00712 .02598	.00071 .00287 .00295 .01504	1.09863 .00248 .00364 .02887	.00069 1.03893 .01678 .04523	.00060 .00262 1.02001 .03441	.00089 .00344 .02386 1.07032
43 44+45 46 47	Engines and turbines . Farm, construction, and mining machinery . Materials handling machinery and equipment	.00088 .00281 .00060 .00100	.00092 .00072 .00024 .00318	.00048 .00079 .00018 .00113	.00083 .00127 .00042 .00653	.00138 .00415 .00144 .00371	.00201 .00310 .00103 .01168	.00134 .00276 .00096 .01543	.00117 .00176 .00064 .00942	.00108 .00117 .00043 .01186	.00304 .00129 .00040 .02561	.00171 .00125 .00034 .00977
48 49 50 51	Special industry machinery and equipment General industrial machinery and equipment Miscellaneous machinery, except electrical Computer and office equipment	.00050 .00217 .00359 .00153	.00477 .00179 .00917 .00133	.00161 .00100 .00429 .00147	.00217 .00145 .00721 .00117	.00059 .00351 .00535 .00136	.00087 .02464 .01079 .00168	.00213 .01220 .00916 .00166	.00127 .00937 .00999 .00166	.00072 .00950 .01059 .00135	.00067 .00969 .02510 .00145	.00080 .00627 .01341 .00147
52 53 54 55 56	Service industry machinery Electrical industrial equipment and apparatus Household appliances Electric lighting and wiring equipment Audio, video, and communication equipment	.00090 .00190 .00019 .00124 .00041	.00067 .00214 .00012 .00115 .00035	.00060 .00122 .00011 .00077 .00037	.00067 .00397 .00015 .00125	.00075 .00236 .00014 .00124 .00036	.00071 .01281 .00015 .00094 .00037	.00066 .00723 .00014 .00207 .00044	.00066 .00572 .00014 .00126 .00042	.00108 .00677 .00011 .00083 .00040	.00084 .00577 .00013 .00113 .00051	.00058 .00985 .00011 .00087 .00036
57 58 59A 59B	Electronic components and accessories Miscellaneous electrical machinery and supplies Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts	.00261 .00086 .00003 .00271	.00382 .00090 .00003 .00293	.00311 .00087 .00002 .00266	.00271 .00064 .00003 .00297	.00299 .00123 .00005 .00493	.00414 .00097 .00005 .00392	.00575 .00097 .00004 .00371	.00459 .00091 .00004 .00378	.00406 .00078 .00007 .00301	.00460 .00134 .00012 .00721	.00458 .00081 .00003 .00277
60 61 62 63	Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment	.00024 .00038 .00070 .00076	.00037 .00042 .00074 .00088	.00037 .00023 .00062 .00073	.00027 .00055 .00098 .00066	.00029 .00073 .00084 .00071	.00040 .00076 .00205 .00085	.00041 .00051 .00082 .00081	.00043 .00051 .00092 .00109	.00041 .00044 .00306 .00085	.00040 .00039 .00109 .00086	.00081 .00032 .00097 .00078
64 65A 65B 65C 65D	Miscellaneous manufacturing Railroads and related services; passenger ground transportation Motor freight transportation and warehousing Water transportation	.00081 .00717 .01658 .00923 .00590	.00087 .01501 .05587 .00460 .00845	.00279 .00767 .03451 .00199 .00938	.00064 .02149 .03329 .00573 .00665	.00147 .02099 .09983 .01383 .00696	.00080 .02640 .04961 .00976 .00886	.00078 .01931 .06367 .00437 .00976	.00081 .01904 .05999 .00479 .01025	.00082 .01302 .04151 .00337 .00828	.00074 .01365 .03947 .00373 .00846	.00071 .01089 .03553 .00327 .00772
65E 66 67 68A	Air transportation Pipelines, freight forwarders, and related services Communications, except radio and TV Radio and TV broadcasting Electric services (utilities)	.03485 .01061 .00007 .03264	.0043 .00419 .01127 .00009 .03852	.00324 .01196 .00022 .02474	.00003 .00311 .00938 .00007 .04277	.00593 .01162 .00008 .04469	.00412 .01057 .00008 .06024	.00437 .01189 .00007 .06908	.00434 .01245 .00008 .05392	.00308 .01131 .00008 .03248	.00310 .01021 .00009 .03548	.00772 .00283 .01099 .00010 .03458
68B 68C 69A 69B	Gas production and distribution (utilities) Water and sanitary services Wholesale trade Retail trade	.13157 .00662 .06641 .00433	.01951 .00643 .08616 .00369	.01536 .01588 .09713 .00294	.03139 .00511 .07586 .00510	.03800 .00604 .06838 .00403	.03337 .01184 .11937 .00296	.02355 .00779 .15520 .00290	.02407 .00795 .16158 .00321	.01692 .00566 .11541 .00271	.01710 .01611 .10966 .00292	.01776 .00627 .10186 .00266
70A 70B 71A 71B	Finance Insurance Owner-occupied dwellings Real estate and royalties	.02533 .00549 .16154	.02149 .00558 	.02073 .00660 	.01796 .00498 	.02042	.02204 .00599 	.02328 .00625 .03220	.02601 .00672 	.02034 .00518 .03229	.02124 .00542 .02996	.01979 .00500 .02970
72A 72B 73A 73B 73C	Hotels and lodging places Personal and repair services (except auto) Computer and data processing services Legal, engineering, accounting, and related services Other business and professional services, except medical	.00537 .00380 .01225 .04071 .03515	.00657 .00466 .01192 .02754 .03983	.00658 .00371 .01460 .01842 .03653	.00570 .00460 .01093 .01622 .03451	.00605 .00506 .01182 .02062 .04020	.00657 .00717 .01587 .02002 .04689	.00744 .00523 .01338 .02006 .04378	.00856 .00627 .01460 .02169 .04746	.00665 .00389 .01159 .01803 .04879	.00642 .00518 .01277 .02232 .04492	.00634 .00428 .01207 .01998 .04076
73D 74 75 76	Advertising Eating and drinking places Automotive repair and services Amusements	.01320 .00728 .00997 .00245	.01611 .00858 .01397 .00279	.04139 .00969 .01102 .00505	.01207 .00770 .01260 .00204	.01470 .00806 .01720 .00241	.01448 .00860 .01817 .00253	.01265 .00978 .01604 .00246	.01533 .01105 .01810 .00309	.01546 .00904 .01226 .00254	.01744 .00875 .01431 .00289	.01817 .00859 .01254 .00275
77A 77B 78 79 80	Health services Educational and social services, and membership organizations Federal Government enterprises State and local government enterprises Noncomparable imports	.00002 .00278 .00330 .00089 .01404	.00005 .00554 .00331 .00162 .00823	.00079 .00219 .00495 .00431 .00500	.00003 .00203 .00304 .00115 .00592	.00005 .00221 .00316 .00334 .00775	.00003 .00247 .00378 .00170 .00685	.00004 .00293 .00380 .00277 .00861	.00004 .00350 .00376 .00213 .00698	.00003 .00269 .00352 .00230 .00631	.00003 .00447 .00359 .00166 .00560	.00003 .00259 .00337 .00217 .00549
81 82 83 84	Noncomparable imports Scrap, used and secondhand goods General government industry Rest of the world adjustment to final uses Household industry	.00086	.00131	.0000	.00592	.00135	.04088	.07592	.03421	.01671	.01336	.01133
85	Inventory valuation adjustment	2.72384	2.20250	2.41883	1.93118	2.07114	2.26691	2.57680	2.87582	2.22153	2.18541	2.10273

## of delivery to final demand, at producers' prices]

Engines and turbines	Farm, construc- tion, and mining machinery	Materials handling machinery and equipment	Metal- working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscel- laneous machinery, except electrical	Computer and office equipment	Service industry machinery	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and communi- cation equipment	Electronic components and accessories	Miscel- laneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bod- ies, trail- ers, and motor vehi- cles parts	Aircraft and parts	Commodity number
43	44+45	46	47	48	49	50	51	52	53	54	55	56	57	58	59A	59B	60	
0.00071 .00098 .00070 .00143 .01103 .00730 .01564 .00201	0.00075 .00110 .00109 .00141 .00906 .00669 .01614 .00171	0.00067 .00093 .00088 .00120 .00947 .00632 .01606 .00158	0.00065 .00097 .00094 .00119 .00738 .00543 .01465 .00289	0.00071 .00098 .00108 .00130 .00799 .00500 .01398 .00149	0.00073 .00112 .00089 .00141 .00760 .00565 .01498 .00152	0.00058 .00081 .00056 .00124 .00898 .00537 .01316	0.00071 .00098 .00069 .00138 .00262 .00265 .00960 .00082	0.00075 .00116 .00119 .00131 .00947 .00527 .01533 .00183	0.00070 .00106 .00092 .00153 .00909 .00499 .01770 .00350	0.00094 .00177 .00162 .00169 .00869 .00581 .02126 .00383	0.00076 .00130 .00097 .00133 .00724 .00482 .01750 .00239	0.00064 .00096 .00079 .00122 .00353 .00251 .00891 .00077	0.00065 .00108 .00070 .00170 .00369 .00344 .01158	0.00084 .00148 .00121 .00186 .00711 .00418 .01629 .00138	0.00122 .00269 .00152 .00161 .00743 .00508 .01900	0.00083 .00133 .00119 .00148 .01686 .00712 .01863 .00197	0.00075 .00121 .00068 .00165 .00443 .00305 .01070 .00099	1 2 3 4 5+6 7 8 9+10
.02145 .00002 .00303	.01905 .00001 .00318	.01786 .00001 .00290	.01830 .00002 .00281	.01843 .00001 .00302	.01790 .00002 .00295	.01853 .00001 .00247	.02135 .00001 .00305	.02065 .00002 .00319	.01847 .00001 .00298	.02126 .00002 .00385	.01852 .00001 .00321	.01865 .00006 .00271	.02578 .00002 .00275	.02043 .00006 .00347	.02237 .00002 .00424	.02416 .00002 .00347	.02016 .00074 .00306	12 13 14
.00010 .00079 .00079 .00075 .00033 .00487 .00012 .00734 .00413 .00029 .00418 .01511 .00055 .00266 .01279 .02533 .00007 .01255 .01201 .19691 .07225 .04659 .01201 .04659 .01201 .0555 .00043 .00055 .00066 .00056 .00066 .00056 .00066 .00	.00138 .00120 .00032 .00032 .00089 .00089 .00085 .00085 .00085 .00085 .00086 .0	.00153 .0029 .00029 .00029 .00025 .00650 .00010 .00755 .00338 .00453 .00055 .00094 .00057 .01390 .01493 .01493 .01493 .01493 .00055 .00094 .00127 .00127 .00128 .00128 .00129 .00	.00034 .00063 .00034 .00063 .00034 .00063 .00038 .00039 .01091 .00005 .01154 .00029 .01154 .01201 .01429 .01201 .01429 .01201 .01429 .01201 .0	(1) 0.00123 (1) 0.00123 (1) 0.00123 (1) 0.00123 (1) 0.00123 (1) 0.00123 (1) 0.0025 (1) 0.0012 (1) 0.0025 (1) 0	.00263 .00330 .00030 .00030 .00022 .00608 .00041 .01863 .00713 .00029 .00417 .01600 .01295 .00004 .00061 .01295 .00004 .00061 .00155 .01226 .03735 .00006 .01126 .03735 .00006 .01127 .00038 .01503 .01503 .01503 .00099 .0009 .0		.00031 .00062 .00031 .00065 .00459 .00055 .00132 .00066 .00055 .00541 .01521 .00058 .00064 .00069 .0		.00027 .00027 .00027 .00027 .00024 .00023 .00007 .01497 .0007 .00081 .00085 .01480 .00085 .01480 .00086 .00134 .00343 .01587 .03970 .00096 .00134 .00343 .01587 .03970 .00050 .00134 .00343 .01587 .03970 .00050 .00134 .00134 .00136 .00	.00290 .00290 .00190 .00194 .00032 .00033 .00848 .00131 .03250 .01530 .00062 .00530 .00062 .00530 .00123 .001618 .10339 .001618 .10339 .001618 .00173 .00088 .00173 .00088 .00199	.0022) .0024) .00144 .00089 .00028 .00024 .00041 .00049 .00048 .00048 .00048 .00049 .00048 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00049 .00069 .00053 .00049 .00069 .0		.00210 .00084 .00089 .00025 .00022 .00491 .00011 .01005 .00481 .00046 .02858 .00070 .01082 .00067 .00102 .00858 .02572 .00066 .01267 .00365 .00385 .05222 .00042 .00706 .01482 .04599 .00054 .00011 .00182 .00832 .00929 .00041 .0011 .00122 .00289 .00387 .00111 .00122 .00289 .00041 .00019 .00074 .000060 .00621 .00093 .00093 .00041 .00019 .00094 .00061 .00099	.0041) .00190 .00153 .00029 .00025 .00576 .00022 .00576 .00022 .00576 .00022 .00576 .00029 .001571 .00058 .00099 .00116 .0106 .00047 .00099 .00116 .0106 .0007 .00099 .00116 .0106 .0006 .0007 .00099 .00116 .00068 .00050			.0036) .00116 .00037 .00217 .00207 .00214 .00090 .00611 .00260 .00033 .00389 .01443 .00062 .01317 .00066 .00033 .00389 .01443 .00018 .00186 .00186 .00549 .00186 .00549 .00186 .00549 .00186 .00549 .00186 .00549 .00186 .00549 .00186 .00549 .00186 .00186 .00549 .00186 .0	12 13 14 15 16 17 18 18 19 20-21 25 26A 26B 27A 27B 29A 29B 30 30 31 32 29A 29B 30 30 31 32 33-34 44 45 46 47 7 48 49 50 60 65 65 66 66 66 66 66 66 66 66 66 66 66
					.02640 .00611 .00370 .01108 .01943 .03778 .01918 .00859 .01054 .00283 .00002 .00219 .00332 .00296 .00747	.03059 .00566 .00304 .00885 .01826 .03917 .01664 .00755 .00916 .00264 .00002 .00198 .00258 .00345 .00537			.02806 .00612 .00345 .01027 .01681 .03797 .02158 .00840 .01007 .00314 .00002 .00235 .00336 .00177 .01170	.02848 .00703 .00362 .01992 .03969 .03824 .00959 .01149 .00500 .00003 .00423 .00515 .00221 .00813							.02399 .00679 .00377 .01878 .02417 .04132 .01406 .00873 .00261 .00002 .00430 .00353 .00109 .00581 .00396	718 718 728 738 738 738 738 738 738 738 738 735 74 75 76 778 778 80 81 82 83 84
2.25005	2.19950	2.13883	1.89323	2.03962	2.03486	1.88283	2.36546	2.20423	2.04742	2.33419	2.06758	2.01753	2.02070	2.16429	2.79748	2.44968	2.14838	83 84 85

## Table 4.—Commodity-by-Commodity

								[To	tal requirer	nents, direct	and indired	t, per dollar
Com- modity number	Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Other trans- portation equipment	Scientific and controlling instruments	Ophthalmic and photo- graphic equipment	Miscel- laneous manufac- turing	Railroads and related services; passenger ground transpor- tation	Motor freight transpor- tation and ware- housing	Water transpor- tation	Air transpor- tation	Pipelines, freight forwarders, and related services	Communications, except radio and TV	Radio and TV broadcasting
	Commodity number	61	62	63	64	65A	65B	65C	65D	65E	66	67
1 2 3 4 5+6 7 8 9+10	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Coal mining Crude petroleum and natural gas Nonmetallic minerals mining	0.00077 .00128 .00232 .00168 .00626 .00487 .01469	0.00083 .00140 .00075 .00135 .00298 .00302 .00925	0.00071 .00125 .00103 .00115 .00159 .00329 .01362	0.00187 .00428 .00291 .00181 .00633 .00381 .01973	0.00058 .00099 .00097 .00111 .00143 .00262 .07502	0.00061 .00076 .00055 .00082 .00063 .00191 .04792 .00069	0.00120 .00143 .00067 .00119 .00084 .00215 .02511	0.00207 .00180 .00061 .00102 .00052 .00156 .07945	0.00052 .00072 .00089 .00080 .00037 .00216 .01219	0.00051 .00077 .00061 .00101 .00049 .00113 .00514	0.00175 .00266 .00049 .00242 .00031 .00202 .00671 .00054
11 12 13 14	Maintenance and repair construction Ordnance and accessories Food and kindred products	.01646 .00001 .00301	.01665 .00024 .00327	.01655 .00001 .00304	.01917 .00001 .00689	.08236 .00002 .00248	.01988 .00002 .00268	.02675 .00004 .00534	.02230 .00005 .00979	.02928 .00015 .00217	.05161 .00001 .00212	.02399 .00006 .00610
15 16 17 18 19 20+21	Tobacco products Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings Apparel Miscellaneous fabricated textile products Lumber and wood products Eurobus and features	(*) .00369 .00468 .00041 .00522 .02359	(*) .00609 .00589 .00052 .00026	.00121 .00109 .00021 .00019	(*) .02061 .00213 .00629 .00175 .02355	.00099 .00069 .00065 .00042 .00949	(*) .00068 .00052 .00023 .00044 .00376	(*) .00290 .00225 .00293 .00398 .00489	(*) .00057 .00029 .00028 .00056 .00409	(*) .00138 .00051 .00022 .00294 .00923	(*) .00061 .00039 .00079 .00024 .00597	.00097 .00033 .00066 .00041 .00396
22+23 24 25 26A 26B	Lumber and wood products Furniture and fixtures Paper and allied products, except containers Paperboard containers and boxes Newspapers and periodicals Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials Drugs	.00174 .00697 .00358 .00030 .00383	.00068 .01359 .00727 .00043	.00006 .05588 .01388 .00079	.00066 .03087 .02223 .00072 .01000	.00009 .00586 .00185 .00050	.00011 .00548 .00230 .00058 .00659	.00007 .00809 .00170 .00185	.00006 .00592 .00167 .00058 .00702	.00005 .00823 .00292 .00086 .01256	.00026 .00668 .00158 .00076	.00007 .00893 .00171 .00096
27A 27B 28 29A 29B	Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials Drugs Cleaning and toilet preparations	.00058	.01716 .00062 .01495 .00039 .00085	.04643 .00090 .02294 .00019 .00143	.04683 .00147 .04574 .00012 .00196	.01183 .00044 .00406 .00003 .00085	.00919 .00038 .00471 .00004 .00058	.00902 .00057 .00418 .00004 .00051	.00801 .00049 .00191 .00006 .00067	.00497 .00028 .00267 .00002 .00034	.00457 .00031 .00234 .00005 .00052	.00555 .00133 .00180 .00009 .00050
30 31 32 33+34 35	Plastics and synthetic materials Drugs Cleaning and toilet preparations Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products Footwear, leather, and leather products Glass and glass products Sinne and feat wroducts	.00718 .01284 .03550 .00020 .00838	.00108 .00763 .03040 .00010 .00587	.00070 .00921 .03590 .00005 .00897	.00678 .01584 .04981 .00134 .00235	.00133 .10816 .01414 .00009 .00203	.00104 .06808 .02061 .00009 .00109	.00160 .03296 .00950 .00019	.00051 .11648 .00561 .00010 .00088	.00050 .01022 .00856 .00020 .00089	.00101 .00548 .00713 .00012 .00082	.00056 .00690 .00453 .00043 .00061
36 37 38 39 40 41	Stone and člay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products	.00621 .10169 .04549 .00061 .02596 .01677	.00362 .02641 .03375 .00060 .00921	.00223 .01071 .01400 .00053 .00179	.00661 .03597 .08798 .00098 .00418	.00443 .02065 .00877 .00037 .00498 .00264	.00161 .00589 .00448 .00030 .00144 .00202	.00238 .01030 .00703 .00035 .00261 .00182	.00186 .00463 .00406 .00049 .00134 .00153	.00153 .00370 .00320 .00015 .00169	.00214 .00480 .00480 .00016 .00279 .00338	.00121 .00256 .00290 .00026 .00138 .00094
42 43 44+45 46 47	Other labricated metal products Engines and turbines Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment	.02923 .04973 .00205 .00029	.02395 .00054 .00037 .00015	.00814 .00044 .00035 .00016	.00364 .01810 .00073 .00062 .00026	.00204 .01006 .00745 .00068 .00018	.00202 .00679 .00154 .00036 .00016	.00102 .01131 .00941 .00051 .00014	.00403 .00405 .00050 .00012	.00431 .00168 .00024 .00008	.00480 .00235 .00024 .00007 .00056	.00251 .00035 .00027 .00008 .00046
48 49 50 51 52	Engines and turbines Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Metalworking machinery and equipment Special industrial machinery and equipment General industrial machinery and equipment Miscellaneous machinery, except electrical Computer and office equipment Service industry machinery Electrical industrial equipment and apparatus Household appliances Flectric lindustrial equipment	.00056 .02868 .01692 .00146 .00414	.00073 .00238 .00777 .01892 .00041	.00084 .00121 .00638 .00383 .00043	.00111 .00308 .01158 .00243 .00058	.00031 .00857 .00500 .00208 .00164	.00031 .00149 .00247 .00146 .00097	.00041 .01530 .00669 .00222 .00092	.00025 .00124 .00346 .00366 .00061	.00028 .00458 .00242 .00717 .00064	.00024 .00317 .00126 .00488 .00080	.00028 .00056 .00119 .00399 .00089
51 52 53 54 55 56 57	Electrical industrial equipment and apparatus Household appliances Electric lighting and wiring equipment Audio, video, and communication equipment Electronic components and accessories	.00126 .00753	.01279 .00008 .00375 .00894 .12076	.00729 .00008 .00093 .00047 .04993	.00539 .00013 .00119 .00057 .01974	.01508 .00036 .00214 .00059 .00480	.00267 .00009 .00109 .00061 .00369	.00336 .00029 .00117 .00042 .00409	.00124 .00011 .00066 .00094 .00739	.00232 .00013 .00072 .00108 .00833	.00331 .00022 .00162 .02028 .02843	.00203 .00012 .00098 .00218 .01382
58 59A 59B 60 61 62	Electric lighting and wrinig equipment Audio, video, and communication equipment Electronic components and accessories Miscellaneous electrical machinery and supplies Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts Aircraft and parts Other transportation equipment Scientific and controlling instruments	.00624 .02253 .03345 .00126 1.02679 .00445	.00129 .00002 .00172 .00822 .00016 1.03053	.00067 .00002 .00187 .00031 .00022 .00624	.00099 .00003 .00254 .00043 .00040 .00062	.00298 .00048 .01533 .00037 .01895 .00067	.00267 .00011 .01526 .00032 .00026	.00220 .00057 .00232 .00037 .02549 .00053	.00140 .00002 .00168 .03869 .00020	.00321 .00002 .00275 .00037 .00018 .00038	.00227 .00002 .00184 .00027 .00011 .00061	.00341 .00002 .00236 .00025 .00028 .00054
63 64 65A 65B 65C	Ophthalmic and ophotographic equipment Miscellaneous manufacturing Railroads and related services; passenger ground transportation Motor freight transportation and warehousing Water transportation	.00443 .00067 .00074 .00805 .03280 .00194	.00130 .00066 .00476 .01567	1.05298 .00054 .00744 .01995 .00177	.00002 .00118 1.08010 .00872 .03291 .00238	.00007 .00081 .00107 1.04392 .01790 .00371	.00109 .00091 .00556 1.21282 .00287	.00128 .00353 .00307 .01251 1.14350	.00242 .00096 .00105 .00365 .01009	.00165 .00161 .00299 .01162 .00215	.00115 .00160 .00245 .00694 .00054	.00250 .00210 .00283 .00811 .00063
65D 65E 66 67 68A	Air transportation Pipelines, freight forwarders, and related services Communications, except radio and TV Radio and TV broadcasting Electric services (utilities) Gas production and distribution (utilities)	.00945 .00264 .00957 .00009 .02233	.00763 .00173 .01178 .00013 .01856	.00683 .00200 .01134 .00012 .01653	.00814 .00278 .01248 .00028 .02491	.00694 .01314 .01440 .00007 .02016	.00773 .04006 .02505 .00007 .01641	.00617 .05017 .01029 .00026 .01456	1.06903 .09170 .02489 .00014 .01335	.00908 1.02170 .03846 .00018 .01961	.00605 .00115 1.15802 .00058 .00929	.00624 .00129 .02831 1.02136 .01848
68B 68C 69A 69B 70A	Water and sanitary services Wholesale trade Relating trade Finance	.01072 .00476 .09986 .00210 .01868	.00642 .00288 .07466 .00207 .01771	.00925 .00342 .08836 .00245 .01829	.01263 .00424 .13056 .00341 .02077	.01759 .00429 .05677 .00771 .03012	.01186 .01773 .05496 .00747 .02388	.00863 .00372 .03688 .00249 .05065	.01646 .00364 .03582 .00223 .03147	.00390 .00239 .02301 .00262 .03531	.00288 .00256 .02495 .00320 .02019	.00403 .00434 .02281 .00236 .02176
70B 71A 71B 72A 72B 73A	Insurance Owner-occupied dwellings Real estate and royalties Hotels and lodging places Personal and repair services (except auto) Computer and data processing services	.00504 .03349 .00612 .00295 .01152	.00407 	.00412 	.00566 .03672 .00632 .00333 .01037		.01584 .05319 .00671 .00295 .01335	.00485 .05652 .00405 .00229 .02212	.00515 	.00870 .04132 .00507 .00355 .08292	.00407 	.01068 .07162 .00557 .00616 .02382
73A 73B 73C 73D 74 75	Computer and oata processing services Legal, engineering, accounting, and related services Other business and professional services, except medical Advertising Eating and finking places Automotive repair and services	.01152 .01788 .03485 .01593 .00849 .01097	.01184 .02326 .04302 .02375 .00753	.00970 .01333 .03895 .02174 .00708	.01037 .02151 .04203 .05343 .00906 .01074	.02234 .02271 .04203 .01169 .00714	.01335 .02101 .04455 .01147 .00824 .07357	.02212 .04231 .10447 .05044 .00522 .00584	.04095 .03216 .03881 .02482 .02304 .00658	.08292 .06627 .04855 .03142 .00635 .01100	.02191 .04588 .03931 .02391 .00616 .00963	.02382 .03728 .06116 .05300 .00709 .01129
76 77A 77B 78 79	Amusements . Health services Educational and social services, and membership organizations Federal Government enterprises State and local government enterprises	.00251 .00003 .00241 .00289 .00275	.00344 .00002 .00347 .00336 .00197	.00325 .00002 .00527 .00284 .00100	.00656 .00005 .00604 .00601 .00331	.00215 .00002 .00390 .00370 .00210	.00261 .00046 .00210 .00480 .00251	.00619 .00003 .00591 .00412 .00140	.00421 .00004 .00302 .00393 .00098	.00469 .00002 .00818 .00644 .00060	.02037 .00002 .00272 .00581 .00054	.46642 .00019 .00734 .00563 .00083
80 81 82 83 84	Noncomparable imports Scrap, used and secondhand goods General government industry Rest of the world adjustment to final uses Household industry	.00530 .00571	.00741	.01219 .00158	.00714		.00865	.10202 .00079	.10015	.01305 .00040	.03834	.00405 00023
85	Inventory valuation adjustment Total commodity output multiplier	2.08565	1.84647	1.78747	2.15619	1.92345	1.96359	2.04662	2.01260	1.68478	1.71695	2.05972

Electric services (utilities)	Gas production and distribution (utilities)	Water and sanitary services	Wholesale trade	Retail trade	Finance	Insurance	Owner- occupied dwellings	Real estate and royalties	Hotels and lodging places	Personal and repair services (exc. auto)	Computer and data processing services	Legal, engi- neering, accounting, and related services	Other business and professional services, except medical	Adver- tising	Eating and drinking places	Auto- motive repair and services	Amuse- ments	Com- modity number
68A	68B	68C	69A	69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D	74	75	76	
0.00040 .00082 .00088 .00107 .00066 .10263 .04213	0.00051 .00112 .00114 .00183 .00099 .00256 .63455 .00204			0.00060 .00081 .00047 .00194 .00030 .00301 .00940 .00049	0.00046 .00055 .00030 .00093 .00019 .00109 .00525 .00027	0.00071 .00078 .00037 .00120 .00025 .00087 .00469	0.00034 .00130 .00044 .00866 .00016 .00025 .00189		0.00134 .00211 .00072 .00591 .00036 .00465 .01330	0.00085 .00128 .00055 .00144 .00068 .00248 .01200 .00060	0.00051 .00064 .00035 .00120 .00050 .00113 .00469	.00019 .00087 .00401 .00026	0.00080 .00076 .00036 .00092 .00041 .00105 .00767 .00038	0.00094 .00137 .00112 .00151 .00053 .00214 .00991 .00087	0.05785 .04478 .00915 .00904 .00065 .00390 .01473	0.00061 .00091 .00063 .00137 .00235 .00262 .01759 .00080	0.00364 .00581 .00065 .00469 .00036 .00254 .00876	5+6 7 8 9+10
.08975 .00001 .00165 (*)	.12522 .00001 .00206	.15139 .00002 .00242 (*)	.01254 .00002 .00353	.02202 .00001 .00247 (*)	.01121 .00002 .00196 (*) .00048 .00023	.01347 .00002 .00310 (*) .00039	.05094 (*) .00041	.06652 .00001 .00157 (*)	.04241 .00003 .00525 (*) .00410	.01845 .00001 .00303 (*) .00574	.01208 .00002 .00220	.00969 .00003 .00182 (*)	.00984 .00029 .00285 (*) .00049	.01763 .00003 .00374 (*) .00109	.02403 .00001 .27654 (*)	.01839 .00002 .00255 (*)	.02327 .00012 .01191 (*)	9+10 9+10 11 12 13 14 15 16
.08975 .00001 .000165 (°) .00080 .00053 .00015 .00015 .00015 .00015 .00015 .00016 .00017 .00022 .00286 .00019 .00210 .00010 .00017 .00021 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019 .00017 .00019	(*) .0043 .00144 .0026 .01251 .00044 .00380 .00116 .00021 .00296 .01054 .00062 .00062 .00062 .00063 .00063 .00063 .00063 .00063 .00064 .00166	.00002 .00045 .00041 .00047 .00041 .00041 .00041 .00041 .00042 .00042 .00042 .00066 .00067 .00066 .0	(*) 00116 00147 00170 00768 00005 01412 00076 01030 01030 01030 0015 00103 00105 00101 00104 00104 00038 01067 00068 00076 00008 00088 00087 00076 00101 00114 00108 00085 00282 00086 00087 00076 00107 00068 00088 00088 00076 00173 000184 00076 001123 000038 00076 00117 00124	(*) .00057 .00042 .00019 .00023 .00423 .00029 .00066 .00066 .00067 .000060 .000	.00023 .00012 .00070 .00258 .000058 .000058 .000050 .00120 .00150 .00023 .00035 .00024 .00052 .00055 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00052 .00055 .00052	.00025 .0013 .00035 .00286 .00066 .00005 .00135 .00286 .00059 .01518 .00039 .01518 .00030 .0017 .0002 .00038 .00031 .00051 .00051 .00051 .00052 .00051 .00051 .00051 .00062 .00033 .00062 .00033 .00062 .00033 .00062 .00036	.00015 .00016 .00020 .00010 .00492 .00001 .00165 .00033 .00066 .00088 .00157 .00176 .00065 .00001 .00010 .00066 .00020 .00010 .00066 .00020 .00010 .00066 .00020 .00010 .00066 .00020 .00010 .00066 .00020 .00010 .00066 .00020 .00010 .00066 .00030 .00010 .00008 .00032 .00024 .00060 .00010 .0	.0003i .0003i .00020 .00094 .00005 .00429 .00229 .00367 .00108 .00337 .00037 .00038 .00037 .00038 .00037 .00060 .00255 .00060 .00255 .00060 .00255 .00060 .00256 .00060 .00056 .00060 .0	.00114 .00147 .00944 .00592 .00005 .01103 .00367 .00126 .00844 .00708 .00301 .00365 .01003 .00962 .00268 .00317 .0027 .0028 .00317 .0028 .00317 .0031	.00134 .00141 .00007 .01270 .00307 .01932 .00481 .00148 .00149 .00148 .00149 .0			.00048 .00019 .00267 .00065 .01038 .00282 .00070 .01105 .00906 .00175 .00048 .00321 .00321 .00321 .00321 .00324 .00324 .00320 .00244 .0052 .00244 .0052 .00324 .00321 .00331 .00321 .00331 .00321 .00321 .00321 .00321 .00321 .00321 .00331 .00331 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00331 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00331 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00321 .00331 .00321 .003		.0017/ .00096 .00029 .000547 .00012 .001547 .00012 .001547 .000151 .00848 .01210 .00552 .00511 .00113 .00014 .00511 .00510 .0051	.00138 .00136 .00108 .00110 .00120 .00405 .00118 .00837 .00059 .00128 .00044 .01287 .00050 .00775 .00050 .00775 .00050 .00775 .00050 .00775 .00050 .00775 .00050 .00775 .00050 .00775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000775 .00050 .000770 .00050 .000708 .00063 .000708 .00063 .000708 .00063 .000708 .00063 .000708	.00249 .00147 .00078 .00479 .00077 .00078 .00070 .00080 .00030 .00020 .0	171 181 182 194 214 224 224 224 225 266 266 277 288 288 277 288 288 333 333 333 333 333 333 333 333
1.00773 .04206 .00464 .02554 .00496 .02568	.02078 1.25119 .00343 .03039 .00736 .02460	.03276 .03757 1.04007 .05274 .01271 .02431	.01329 .00583 .00305 1.03790 .00378 .01909	.02783 .00587 .00498 .01538 1.00516 .02566	.00964 .00384 .00456 .01495 .00138 1.16668	.00738 .00264 .00251 .01511 .00197 .08188	.00176 .00085 .00064 .00558 .00287 .02411	.01648 .00515 .00791 .01121 .00391 .01608	.04311 .01269 .01628 .02254 .00464 .06815	.02140 .01001 .00743 .03744 .00249 .01946	.00952 .00282 .00179 .04878 .00138	.00750 .00255 .00183 .01406 .00122 .01846	.00851 .00384 .00213 .02279 .00299	.01576 .00642 .00314 .03991 .00237 .01734	.03347 .01142 .00876 .08506 .00389 .02213	.01893 .00918 .00546 .06473 .00822 .06606	.02325 .00573 .00496 .03120 .00277 .01907	68/ 68/ 68/ 69/ 69/ 70/
.00500 .03161 .00383 .00148 .01602 .02485 .02652 .00523 .00129 .00001 .00387 .00445 .00049 .00318			.00371 			1.38753 	.00997 1.00000 .04273 .00058 .00042 .00187 .01062 .01054 .00187 .00070 .00161 .00039 .00001 .00013 .00013 .00013 .00063 .00015					.00301 		.00566 .05362 .00525 .00363 .01476 .03136 .06402 1.0278 .00065 .01193 .10021 .00006 .00393 .00730 .00125 .00438		.00855 		701 711 721 733 736 737 737 737 74 777 777 777 777 80 88
1.68641	2.57066	2.08701	1.51760	1.53420	1.64737	2.00556	1.22292	1.44022	1.75034	1.73597	1.69891	1.52949	1.47524	1.80732	2.09198	1.90615	1.78787	8 8 8 8

# **Table 4.—Commodity-by-Commodity Total Requirements, 1992—**Continued [Total requirements, direct and indirect, per dollar of delivery to final demand, at producers' prices]

	[Total requirements, direct and int	anoot, por	donar or donv	ory to illiar c	iomana, at p	noudooro pr					
Com- modity number	Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Health services	Educational and social services, and membership organizations	Federal Government enterprises	State and local government enterprises	Non- comparable imports	Scrap, used, and second- hand goods	General government industry	Rest-of- the-world adjustment to final uses	Household industry	Inventory valuation adjustment
	Commodity number	77A	77B	78	79	80	81	82	83	84	85
1 2 3 4 5+6 7 8 9+10	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Coal mining Crude petroleum and natural gas Nonmetallic minerals mining	0.00291 .00294 .00066 .00250 .00053 .00162 .00864	0.00400 .00377 .00102 .00340 .00045 .00197 .01068	0.00072 .00074 .00030 .00041 .00042 .00110 .00855 .00028	0.00066 .00233 .00239 .00660 .00135 .00657 .04343						
11 12 13	New construction Maintenance and repair construction Ordnance and accessories		.05566	.01067	.27640 .00002						
14 15 16 17 18 19 20+21 22+23	Food and kindred products Tobacco products Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings Apparel Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures	.01306 (*) .00157 .00066 .00157 .00150 .00333	.01721 (*) .00112 .00064 .00062 .00062 .00898 .00007	.00329 (*) .00132 .00043 .00017 .00234 .00202 .00103	.00205 (*) .00097 .00122 .00077 .00043 .02693						
24 25 26A 26B 27A 27B 28	Paper and allied products, except containers Paperboard containers and boxes Newspapers and periodicals Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials	.01099 .00331 .00093 .00946 .02562 .00090 .00485	.02172 .00335 .00467 .05122 .00882 .00111	.00624 .00291 .00020 .01654 .00333 .00019	.00606 .00191 .00031 .00428 .03276 .00359						
29A 29B 30 31 32 33+34 35	Drugs Cleaning and toilet preparations Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products Footwear, leather, and leather products Glass and glass products	.01585 .00171 .00044 .00656 .01712 .00021	.00042 .00128 .00106 .01060 .00928 .00094	.00002 .00098 .00032 .01022 .00327 .00054 .00039	.00005 .00069 .00319 .03484 .01113 .00009						
36 37 38 39 40 41 42 43	Stone and clay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products Engines and turbines	.00141 .00290 .00274 .00060 .00106 .00155 .00291	.00239 .00398 .00377 .00060 .00279 .00128 .00396	.00072 .00386 .00341 .00016 .00095 .00147 .00166	.01851 .01249 .01047 .00048 .01289 .00207 .00862 .00092						
44+45 46 47 48 49 50 51	Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment Miscellaneous machinery except electrical Computer and office equipment	.00028 .00023 .00009 .00048 .00042 .00054 .00129	.00035 .00035 .00011 .00060 .00055 .00076 .00159	.0002 .00014 .00015 .00044 .00019 .00085 .00312	.00368 .00026 .00130 .00041 .00237 .01535						
52 53 54 55 56 57 58	Service industry machinery  Electrical industrial equipment and apparatus  Household appliances  Electric lighting and wiring equipment  Audio, video, and communication equipment  Electronic components and accessories	.00056 .00117 .00011 .00094 .00054 .00587	.00105 .00128 .00027 .00165 .00084 .00531	.00063 .00063 .00004 .00088 .00019 .00178	.00943 .00324 .00092 .00531 .00180 .00353 .00283						
59A 59B 60 61 62 63 64	Miscellaneous electrical machinery and supplies Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment Miscellaneous manufacturing	.00002 .00235 .00036 .00014 .01819 .00311 .00132	.00002 .00337 .00026 .00019 .00155 .00319	.00008 .01756 .00124 .00038 .00033 .00056	.00004 .00340 .00022 .00045 .00151 .00087						
65A 65B 65C 65D 65E 66	Railroads and related services; passenger ground transportation Motor freight transportation and warehousing Water transportation Air transportation Pipelines, freight forwarders, and related services Communications, except radio and TV Radio and TV broadcasting	.00351 .00987 .00084 .00578 .00139 .01532 .00006	.00359 .01237 .00091 .00661 .00167 .01740	.01046 .02591 .00307 .03398 .00424 .00637	.00548 .02110 .00458 .00506 .00293 .01578						
68A 68B 68C 69A 69B 70A 70B	Electric services (utilities)	.01345 .00566 .00474 .03036 .00210 .01448 .00578	.01655 .00707 .00534 .03170 .00471 .02214	.00932 .00415 .00742 .01550 .00115 .01180	.05900 .03966 .01356 .03766 .01364 .02698 .00725						
71A 71B 72A 72B 73A 73B 73C 73D	Owner-occupied dwellings Real estate and royalties Hotels and lodging places Personal and repair services (except auto) Computer and data processing services Legal, engineering, accounting, and related services Other business and professional services, except medical Advertising		.13805 .00537 .00398 .02613 .02789 .07161	.02271 .00140 .00098 .00491 .00619 .02285							
73D 74 75 76 77A 77B 78 79 80 81	Advertising Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations Federal Government enterprises State and local government enterprises Noncomparable imports Scrap, used and secondhand goods	.01139 .01029 .00986 .00230 1.02172 .00376 .01179 .00076 .00344	.03346 .01017 .01096 .00882 .00007 1.00665 .01240 .00102 .00333	.00306 .00317 .00728 .00068 .00002 .00090 1.00125 .00077 .02172	.010492 .01433 .00184 .00002 .00209 .00688 1.01535 .00388						
82 83 84 85	General government industry Rest of the world adjustment to final uses Household industry Inventory valuation adjustment Total commodity output multiplier	1.59761	1.77922	1.36018	2.12162	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000 1.00000

# Table 5.—Industry-by-Commodity Total Requirements, 1992 [Total requirements, direct and indirect, per dollar of delivery to final demand, at producers' prices]

	[Total requirements, direct and indirect	., po. dona.	or donvery	to illiai do	mana, at pi	ouddoi'd pi	1000]				
Industry number	Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agri- cultural, forestry, and fishery services	Metallic ores mining	Coal mining	Crude petroleum and natural gas	Non- metallic minerals mining	New con- struction	Maintenance and repair construction
	Commodity number	1	2	3	4	5+6	7	8	9+10	11	12
1 2 3 4 5+6 7 8 9+10	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Coal mining Crude petroleum and natural gas Nonmetallic minerals mining	1.20919 .33378 .00240 .07597 .00097 .00440 .03160	0.00459 1.04309 .00097 .07384 .00087 .00237 .03965 .00883	0.04302 .21804 .82943 .17420 .00059 .00117 .03452 .00231	0.05040 .16320 .00160 .96687 .00074 .00160 .02335 .00620	0.00085 .00202 .00098 .00274 1.24193 .01400 .04824	0.00063 .00130 .00060 .00138 .00180 1.13077 .03137	0.00053 .00107 .00043 .00168 .00124 .00333 1.27218	0.00060 .00106 .00043 .00112 .00289 .01134 .05418 .99309	0.00098 .00569 .00541 .00484 .00301 .00306 .02151 .01262	0.00106 .00644 .00666 .00578 .00262 .00261 .02685 .01309
11 12 13 14 15 16	New construction Maintenance and repair construction Ordnance and accessories Food and kindred products Tobacco products Broad and narrow fabrics, yarn and thread mills	.03693 .00006 .25306 (*) .00307	.02881 .00005 .00430 (*) .00536	.04135 .00005 .04442 (*)	.02166 .00005 .01747 (*) .00327	.04339 .00010 .00373 .00001 .00095	.01544 .00006 .00238 (*) .00526	.04970 .00004 .00212 (*) .00037	.02242 .00007 .00263 (*) .00085	1.00037 .01221 .00015 .00265 (*) .00270	1.01187 .00012 .00262 (*) .00257
17 18 19 20+21 22+23	Miscellaneous textile goods and floor coverings Apparel Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures	.00329 .00038 .00099 .00906 .00012	.00273 .00033 .00186 .01082 .00009	.00644 .00028 .00148 .00562 .00008	.00356 .00036 .00303 .00447 .00008	.00058 .00020 .00023 .01149 .00016	.00047 .00038 .00020 .00653 .00012	.00030 .00012 .00016 .00529 .00007	.00050 .00017 .00018 .00363 .00015	.00350 .00031 .00085 .07668 .00344	.00379 .00031 .00100 .09498 .00051
24 25 26A 26B 27A 27B	Paper and allied products, except containers Paperboard containers and boxes Newspapers and periodicals Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals	.01752 .01006 .00485 .00940 .02037 .03588	.01097 .00952 .00256 .00536 .02530 .08901	.00805 .00523 .00250 .00559 .01179 .02223	.00813 .00771 .00333 .00607 .02292 .08888	.00552 .00253 .00239 .00488 .07446	.00374 .00170 .00196 .00395 .01837 .00082	.00288 .00089 .00208 .00384 .01910 .00076	.00527 .00190 .00401 .00505 .02913 .00102	.01256 .00403 .00346 .00696 .02107 .00159	.01042 .00375 .00333 .00649 .01982 .00172
28 29A 29B 30 31	Plastics and synthetic materials Drugs Cleaning and tollet preparations Paints and allied products Petroleum refining and related products	.00666 .00610 .00294 .00093 .03281	.00636 .00130 .00311 .00072 .03878	.00444 .00071 .00240 .00075 .04115	.00532 .00154 .00304 .00082 .02015	.00809 .00056 .00140 .00135 .04567	.00489 .00015 .00060 .00067 .03637	.00214 .00016 .00054 .00078 .01388	.00102 .00539 .00023 .00110 .00083 .06072	.00953 .00020 .00133 .01014 .02276	.00172 .00948 .00020 .00144 .01032 .03063
32 33+34 35 36 37 38	Rubber and miscellaneous plastics products Footwear, leather, and leather products Glass and glass products Stone and clay products Primary iron and steel manufacturing	.01937 .00062 .00364 .00287 .00825 .00720	.01237 .00010 .00078 .00373 .00617 .00382	.00787 .00032 .00113 .00219 .00545 .00391	.00785 .00018 .00120 .00207 .00438 .00327	.01896 .00006 .00092 .01108 .05706	.01651 .00005 .00070 .00653 .02015 .00725	.00384 .00006 .00044 .00505 .02243 .00386	.01937 .00005 .00139 .04338 .02812 .00706	.02650 .00014 .00460 .05945 .03685 .02814	.02761 .00013 .00273 .03388 .03054 .02534
39 40 41 42 43	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products Engines and turbines	.00720 .00685 .00283 .00208 .00679 .00095	.00382 .00092 .00235 .00109 .00544 .00077	.00391 .00163 .00253 .00109 .00415	.00327 .00119 .00148 .00097 .00492 .00046	.00076 .01409 .00414 .00614	.00725 .00031 .00643 .00767 .00657	.00366 .00026 .00316 .00092 .00764 .00084	.00706 .00042 .00821 .00333 .00530	.02614 .00074 .05421 .00493 .02700 .00108	.02534 .00074 .04454 .00428 .02254 .00093
44+45 46 47 48 49	Farin, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment	.00624 .00026 .00135 .00060 .00212	.00752 .00028 .00106 .00046 .00185	.00516 .00014 .00072 .00038 .00163	.00250 .00019 .00058 .00044 .00101	.03819 .00769 .00280 .00094 .00831	.03817 .00656 .00190 .00056 .01282	.00397 .00071 .00090 .00028 .00248	.03968 .01429 .00193 .00072 .01114	.00339 .00323 .00294 .00078 .01027	.00312 .00053 .00234 .00069 .00538
50 51 52 53 54 55	Miscellaneous machinery, except electrical Computer and office equipment Service industry machinery Electrical industrial equipment and apparatus Household appliances Electric lighting and wiring equipment	.00311 .00141 .00079 .00172 .00018	.00299 .00105 .00062 .00130 .00015	.00189 .00101 .00092 .00131 .00016	.00191 .00097 .00062 .00089 .00012	.00674 .00142 .00092 .00455 .00022 .00123	.00827 .00094 .00066 .00475 .00014	.00322 .00090 .00081 .00194 .00019	.00504 .00135 .00079 .00591 .00015 .00085	.00448 .00184 .01242 .00956 .00242 .01848	.00338 .00157 .01198 .00775 .00282 .01681
56 57 58 59A 59B	Audio, video, and communication equipment Electronic components and accessories Miscellaneous electrical machinery and supplies Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts	.00052 .00317 .00451 .00020 .00441	.00039 .00248 .00505 .00016 .00385	.00038 .00212 .00224 .00021 .00506	.00035 .00211 .00230 .00018 .00444	.00044 .00262 .00137 .00026 .00465	.00027 .00194 .00112 .00027 .00377	.00035 .00144 .00061 .00008 .00173	.00036 .00247 .00179 .00028 .00586	.00479 .00526 .00315 .00023 .00453	.00341 .00454 .00286 .00023 .00480
60 61 62 63 64	Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment Miscellaneous manufacturing	.00033 .00060 .00108 .00082 .00158	.00027 .00029 .00068 .00061	.00044 .00052 .00173 .00058 .00106	.00059 .00023 .00081 .00086	.00076 .00079 .00111 .00069 .00110	.00073 .00100 .00062 .00059	.00029 .00024 .00051 .00059 .00073	.00064 .00043 .00071 .00053	.00050 .00063 .00470 .00108 .00467	.00044 .00062 .00389 .00095 .00449
65A 65B 65C 65D 65E 66	Railroads and related services; passenger ground transportation Motor freight transportation and warehousing Water transportation Air transportation Pipelines, freight forwarders, and related services Communications, except radio and TV	.02054 .05251 .00423 .00534 .00583 .01317	.00641 .02924 .00347 .00425 .00360 .00904	.00418 .01544 .01571 .00706 .00398 .00743	.00605 .02594 .00206 .01377 .00381 .00952	.01244 .03298 .00415 .00729 .00457 .00987	.03265 .02351 .00754 .00634 .00421	.00400 .01015 .00421 .00505 .00219 .00790	.00828 .03198 .00300 .00560 .00436 .00894	.00648 .03745 .00305 .00535 .00333 .01277	.00631 .03547 .00310 .00508 .00347 .01270
67 68A 68B 68C 69A	Radio and TV broadcasting Electric services (utilities) Gas production and distribution (utilities) Water and sanitary services Wholesale trade	.00330 .03260 .01162 .00254 .12473	.00168 .01594 .01420 .00316 .08357	.00167 .00738 .00805 .00126 .04815	.00220 .00998 .00811 .00120 .06489	.00161 .09023 .02491 .00122 .06621	.00129 .02797 .00969 .00080 .05650	.00143 .02354 .04495 .00140 .02424	.00190 .05030 .03441 .00113 .06185	.00235 .01393 .00918 .00152 .07792	.00228 .01304 .00885 .00154 .07459
69B 70A 70B 71A 71B	Retail trade Finance Insurance Owner-occupied dwellings Real estate and royalties	.00335 .02444 .01114 	.00222 .01711 .00756	.00432 .01996 .01017 	.00206 .01896 .00657 	.00462 .02390 .00696	.00296 .01769 .00451	.00424 .01691 .00414	.00511 .02056 .00692 	.04185 .02173 .01125	.04670 .02045 .00811 .03086
72A 72B 73A 73B 73C 73D	Hotels and lodging places Personal and repair services (except auto) Computer and data processing services Legal, engineering, accounting, and related services Other business and professional services, except medical Advertising	.00396 .00306 .00868 .01762 .03745 .00359	.00280 .00271 .00595 .01462 .03126 .00184	.00464 .00235 .00641 .03360 .03452 .00182	.00351 .00420 .00598 .02547 .03010 .00240	.00645 .00242 .01032 .03411 .03785 .00176	.00532 .00161 .00645 .02739 .02486 .00141	.00526 .00179 .00578 .03680 .02367 .00156	.00504 .00186 .01012 .02255 .02697 .00207	.00436 .00273 .00944 .08655 .05899	.00410 .00272 .00839 .05113 .05868 .00250
74 75 76 77A 77B	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations	.00454 .01169 .00318 .01919 .00265	.00310 .00981 .00205 .00012 .00181	.00563 .01004 .00311 .00067 .00339	.00457 .01559 .01040 .00085 .00178	.00837 .01021 .00164 .00007 .00363	.00651 .00548 .00153 .00005 .00331	.00600 .00480 .00162 .00004 .00189	.00697 .00654 .00162 .00005 .00187	.00537 .01199 .00214 .00010 .00193	.00514 .01285 .00210 .00010 .00180
78 79 82 84 85	Federal Government enterprises State and local government enterprises General government industry Household industry Inventory valuation adjustment	.00469 .01227	.00302 .00944	.00300	.00341	.00720 .01552	.00307	.00333	.00460 .01033	.00510 .00618	.00486
	Total industry output multiplier	2.77218	1.89708	1.87297	1.81731	2.20761	1.77991	1.94326	1.80742	2.07407	1.98925

\*Less than .000005.

# Table 5.—Industry-by-Commodity [Total requirements, direct and indirect, per dollar

								[Total	requireme	nts, direct	and indired	t, per dollar
Industry number	Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscel- laneous textile goods and floor coverings	Apparel	Miscel- laneous fabricated textile products	Lumber and wood products	Furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes
	Commodity number	13	14	15	16	17	18	19	20+21	22+23	24	25
1	Livestock and livestock products	0.00068	0.25604	0.00091	0.01578	0.00762	0.00594	0.00765	0.00573	0.00246	0.00327	0.00188
2	Other agricultural products	.00126 .00066	.16848 .00841	.08842 .00039	.09009 .00064	.02371 .00086	.02844 .00344	.03275 .00089	.02859 .09624	.00844	.00595 .00817	.00341 .00381
4 5+6	Agricultural, forestry, and fishery services	.00163 .00370	.02513 .00171	.00671 .00031	.00797 .00213	.00316 .00270	.00370 .00102	.00370 .00134	.02118 .00117	.00335	.00315 .00175	.00202 .00197
7 8	Coal mining	.00300 .01199	.00420 .02511	.00184 .00874	.00704 .03649	.00634 .04088	.00439 .02135	.00449 .02523	.00328 .02401	.00467 .01987	.00995 .03642	.00710 .03220
9+10 11	Nonmetallic minerals mining	.00128	.00278	.00118	.00456	.00511	.00191	.00262	.00197	.00198	.00698	.00407
12 13	Maintenance and repair construction Ordnance and accessories	.01631 .96874	.02473 .00006	.00955 .00003	.02553	.02997	.02045	.02117	.02035 .00006	.01833	.03171	.02588
14 15	Food and kindred products Tobacco products	.00270	1.23597	.00242	.00808	.00789	.00612	.00947	.00832	.00591	.01410	.00851
16 17	Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings	.00241 .00080	.00244	.00143	1.27721	.24693	.36494	.45425	.00250 .00402	.06701 .02728	.00745	.00400 .00458
18 19	Apparel Miscellaneous fabricated textile products	.00093	.00034	.00014	.01310	.00508	1.24581	.04894	.00045	.00115	.00048	.00038
20+21 22+23	Lumber and wood products	.00654	.00900	.00396	.00521	.00724	.00435	.00704	1.41773	.11913	.11404	.05208
24	Furniture and fixtures	.00665	.00020	.00005	.01216	.03267	.01120	.01437	.01107	.01999	1.15789	.49161
25 26A	Paperboard containers and boxes Newspapers and periodicals	.00436	.02853 .01149	.01425	.00591 .00365	.00776	.00536	.00619	.00680	.01960	.01966	1.00112 .00468
26B 27A	Other printing and publishing	.00581 .02191	.02003 .02628	.03477 .01122	.00666 .13773	.01117 .17442	.01059 .05284	.00935 .07809	.00742 .02184	.00943 .03351	.01739 .09023	.01266 .06856
27B 28	Agricultural fertilizers and chemicals	.00160 .01033	.01680 .00948	.00794 .00992	.01295 .18630	.00898 .26319	.00456 .07016	.00580 .09825	.00712 .01181	.00230 .03113	.00372 .04118	.00252 .02612
29A 29B	Drugs	.00027 .00068	.00587 .00319	.00023 .00248	.00112 .00531	.00132 .00910	.00056 .00705	.00068 .00369	.00030 .00127	.00031 .00212	.00083	.00058 .00369
30 31	Paints and allied products  Petroleum refining and related products	.00120 .00994	.00144 .02232	.00035 .00829	.00175 .02570	.00222 .02799	.00095 .01560	.00114 .01818	.00314 .02441	.01026 .01716	.00166 .02642	.00447 .02763
32 33+34	Rubber and miscellaneous plastics products Footwear, leather, and leather products	.02443	.03308 .00024	.01088	.02365	.03620	.01873 .00738	.03447 .02772	.02384	.05757	.05497 .00011	.03687
35 36	Glass and glass products	.00161	.01397	.00040	.01094	.00356	.00362	.00489	.00573	.00667	.00165	.00223
37	Stone and člay products	.03532	.01312	.00222	.00532	.00725	.00417	.00491	.01334	.06432	.00827	.01739
38 39	Primarý nonferrous metals manufacturing	.04417 .00036	.01825 .03128	.00160 .00028	.00399 .00139	.00516 .00166	.00393 .00074	.00358 .00095	.00810 .00069	.02600 .00097	.00701 .00124	.01040 .00206
40 41	Heating, plumbing, and fabricated structural metal products	.00284 .01105	.00203 .00314	.00073 .00050	.00176 .00099	.00219 .00125	.00142 .00087	.00160 .00108	.01104 .00761	.00459 .01402	.00296 .00200	.00228 .00239
42 43	Other fabricated metal products  Engines and turbines	.01853 .00185	.00830 .00070	.00282	.00363	.00486 .00071	.00283 .00049	.00370 .00053	.01908 .00080	.05197 .00068	.01206 .00079	.01789 .00074
44+45 46	Farm, construction, and mining machinery	.00103 .00022	.00246 .00024	.00080 80000.	.00137 .00024	.00098 .00027	.00070 .00020	.00076 .00020	.00129 .00069	.00123	.00108 .00034	.00085 .00029
47 48	Metalworking machinery and equipment Special industry machinery and equipment	.00447	.00133	.00059	.00135	.00150	.00091	.00125	.00234	.00309	.00170	.00211
49 50	General industrial machinery and equipment	.01494	.00219	.00049	.00124	.00180	.00108	.00127	.00402	.00437	.00211	.00191
51	Miscellaneous machinery, except electrical	.00774	.00143	.00099	.00151	.00171	.00149	.00133	.00136	.00140	.00186	.00169
52 53	Service industry machinery	.00053 .00904	.00078 .00173	.00044 .00097	.00066 .00139	.00080 .00190	.00058 .00122	.00081 .00132	.00197 .00184	.00180	.00098 .00190	.00079 .00187
54 55	Household appliances Electric lighting and wiring equipment	.00018 .00196	.00015 .00125	.00006 .00081	.00019 .00094	.00020 .00098	.00014 .00069	.00043 .00073	.00316 .00294	.00050 .00125	.00040 .00148	.00025 .00108
56 57	Audio, video, and communication equipment	.01324 .06715	.00043 .00295	.00026 .00165	.00038 .00275	.00044	.00039 .00307	.00036 .00255	.00044 .00292	.00048	.00043 .00311	.00044 .00313
58 59A	Miscellaneous electrical machinery and supplies	.00157 .00020	.00203 .00018	.00082 .00006	.00104 .00012	.00088 .00014	.00079 .00010	.00078 .00010	.00121 .00045	.00084	.00098 .00018	.00090 .00018
59B 60	Truck and bus bodies, trailers, and motor vehicles parts  Aircraft and parts	.00461 .10843	.00377 .00041	.00143 .00022	.00279 .00042	.00306 .00046	.00232 .00044	.00280 .00045	.00719 .00046	.00327	.00372 .00046	.00372 .00052
61 62	Other transportation equipment	.00105 .05752	.00049	.00012	.00037	.00046	.00032	.00116	.00113	.00040	.00059	.00058 .00271
63 64	Ophthalmic and photographic equipment Miscellaneous manufacturing	.00111	.00096	.00043	.00070	.00128	.00094	.00091	.00089	.00231	.00290	.00174
65A	Railroads and related services; passenger ground transportation	.00431	.01489	.00295	.01135	.01382	.00623	.00735	.01294	.00906	.01801	.02060
65B 65C	Motor freight transportation and warehousing	.01994 .00100	.04518 .00490	.01357 .00093	.03452 .00294	.04469	.02838 .00157	.03464 .00213	.05135 .00523	.03606	.05766 .00443	.07533 .00305
65D 65E	Air transportation	.00802 .00241	.00802 .00456	.00489 .00168	.00788 .00405	.00854 .00480	.00959 .00332	.00937 .00369	.00799 .00458	.00774 .00345	.00801 .00515	.00978 .00601
66 67	Communications, except radio and TV	.00938 .00262	.01162 .00829	.00807 .01818	.01008 .00254	.01259 .00421	.01097 .00475	.01061 .00311	.01020 .00277	.01146 .00415	.01082 .00334	.01248 .00275
68A 68B	Electric services (utilities)	.01708 .00769	.02403 .01463	.00702 .00397	.04453 .02171	.03517 .02402	.02813 .01476	.02865 .01642	.02290 .01082	.02252 .01199	.03835 .02740	.03008 .01922
68C 69A	Water and sanitary services	.00124 .05904	.00218 .12083	.00072 .03700	.00236 .09991	.00291 .09606	.00152 .09692	.00201 .09955	.00183 .11097	.00169 .11358	.00385 .09526	.00271 .11634
69B 70A	Retail trade Finance	.00156 .01774	.00462	.00406	.00314	.00303	.00240	.00249 .02272	.00346 .02386	.00378	.00439 .02372	.00346 .02498
70B 71A	Insurance	.00401	.00776	.00394	.00579	.00598	.00554	.00554	.00682	.00561	.00598	.00625
71B	Owner-occupied dwellings Real estate and royalties  Hetels and lodging places	.02457	.05339	.02454	.03595	.03358	.03817	.03966	.03115	.03217	.02893	.03033
72A 72B	Hotels and lodging places	.00559	.00615	.00476	.01024	.00731	.00729	.00688	.00687	.00641	.00664	.00727 .00524
73A 73B	Computer and data processing services	.01477 .01710	.00966 .01790	.00596	.01103 .02406	.01267	.00981	.00962	.00967	.00968	.01214	.01198 .01799
73C 73D	Other business and professional services, except medical	.03560 .00285	.04202 .00899	.03043 .01969	.04064 .00277	.04277 .00457	.08289 .00519	.03848 .00338	.03927 .00302	.04235 .00451	.04140 .00363	.04280 .00300
74 75	Eating and drinking places	.00743 .00609	.00759 .01161	.00578 .00595	.00860 .01135	.00940 .01237	.00991 .00886	.00942 .00904	.00909 .01249	.00874 .00904	.00843 .01397	.00918 .01437
76 77A	Amusements Health services	.00212	.00569 .00411	.01063	.00223	.00321	.00370	.00247	.00266 .00015	.00303	.00284 .00012	.00258 .00011
77B 78	Educational and social services, and membership organizations Federal Government enterprises	.00224	.00276	.00228	.00257	.00287	.00285	.00737	.00580	.00350	.00317	.00280
79 82	State and local government enterprises General government industry	.00580	.01027	.00368	.01184	.01285	.01049	.01123	.01015	.00922	.01486	.01207
84 85	Household industry Inventory valuation adjustment											
	Total industry output multiplier	1.83140	2.59361	1.64851	2.42996	2.49453	2.47170	2.37268	2.31541	2.13163	2.23533	2.42815

<sup>\*</sup>Less than .000005.

# **Total Requirements, 1992—**Continued of delivery to final demand, at producers' prices]

Newspapers and periodicals	Other printing and publishing	Industrial and other chemicals	Agri- cultural fertilizers and chemicals	Plastics and synthetic materials	Drugs	Cleaning and toilet prepar- ations	Paints and allied products	Petroleum refining and related products	Rubber and miscel- laneous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manu- facturing	Primary nonferrous metals manu- facturing	Metal containers	Heating, plumbing, and fabri- cated structural metal products	Screw machine products and stampings	Industry number
26A	26B	27A	27B	28	29A	29B	30	31	32	33+34	35	36	37	38	39	40	41	
0.00083 .00135 .00105 .00131 .00050 .00204 .01080 .00129	0.00106 .00193 .00168 .00139 .00088 .00317 .01613 .00203	0.00210 .01136 .00098 .00224 .01452 .00790 .13701 .03045	0.00505 .00553 .00119 .00196 .00474 .00683 .10982 .05925	0.00218 .01163 .00106 .00223 .00678 .00756 .07855 .01185	0.00232 .00516 .00093 .00162 .00098 .00240 .01389 .00177	0.00484 .00516 .00111 .00171 .00289 .00329 .03607 .00508	0.00353 .00610 .00104 .00172 .00701 .00443 .05437 .00991	0.00092 .00161 .00057 .00163 .00168 .00398 .78847 .00557	0.00178 .00647 .00728 .00290 .00293 .00533 .03479 .00489	0.04878 .02940 .00176 .00521 .00148 .00354 .02639 .00281	0.00083 .00192 .00189 .00154 .00268 .01177 .03289 .01500	0.00095 .00196 .00098 .00149 .00252 .01384 .04336 .08471	0.00075 .00128 .00071 .00134 .04731 .03182 .03354 .00680	0.00090 .00189 .00119 .00169 .06971 .00867 .03102 .00275	0.00101 .00174 .00083 .00143 .03346 .01117 .02933 .00313	0.00078 .00131 .00070 .00121 .01616 .00869 .02098 .00261	0.00075 .00121 .00062 .00109 .01449 .00963 .01986 .00258	1 2 3 4 5+6 7 8 9+10 11
.00005 .00346 .00001 .00123 .00129 .00018 .00023 .01371 .00010 .12015 .00380 .98826 .16827 .02241 .00048 .00597 .00020 .00111	.00006 .00453 .00001 .00249 .00027 .00052 .02055 .00018 .19351 .01059 .04055 .1.09321 .03897 .00134 .00177			.00020 .01010 .00055 .05498 .00383 .00050 .00034 .00733 .00013 .02169 .00960 .00510 .009600 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .009600 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .009600 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960 .00960	.00006 .01229 .00001 .00133 .00092 .00024 .00025 .00461 .00110 .02100 .01484 .02051 .03163 .05255 .00352 .01103 1.12308	.00030 .02016 .00002 .00286 .00196 .00043 .00077 .00687 .00016 .04697 .04214 .02078 .02933 .17304 .00527 .02394 .02378	.00016 .01820 .00004 .00773 .00083 .00028 .00026 .00455 .00018 .01249 .00492 .00671 .01149 .31034 .00852 .12808 .00212	.00006 .00410 .00001 .00070 .00061 .00022 .00031 .00637 .00010 .00377 .00667 .05100 .00141 .00429 .00035	.00010 .00622 .00002 .02619 .01330 .00102 .00101 .00971 .00971 .00462 .00831 .15897 .00462 .00614 .17987	.00007 .16608 .00001 .05394 .03153 .00858 .00246 .00602 .0027 .02458 .01081 .01117 .02130 .07405 .00504 .02895 .00140	.00007 .00363 .00001 .00161 .00092 .00024 .00029 .02758 .00607 .03047 .04791 .00345 .00613 .06025 .00181 .01111	.00007 .00400 .00001 .00574 .00067 .00031 .00139 .01170 .00611 .00611 .00611 .00434 .00718 .04820 .00153 .01248	.00030 .00318 (*) .00106 .00058 .00033 .00028 .00815 .00044 .00660 .00254 .00420 .00900 .02776 .00098 .00503 .00023	.00038 .00373 .00001 .00252 .00074 .00036 .00029 .01128 .00036 .00796 .00428 .00368 .00724 .06434 .00176 .02472 .00030			.00071 .00319 .00141 .00069 .00059 .00661 .00077 .01084 .00809 .00492 .00848 .02273 .00087 .00878	9+10 11 12 13 14 15 16 17 18 19 20+21 22+23 24 25 26A 26B 27A 27B 28 29A 29B
.00050 .00929 .00975 .00012 .00133 .00273 .00236 .00101 .00070 .00303 .00032 .00034 .00012	.00077 .01296 .02550 .00035 .00079 .00186 .00475 .00464 .00068 .00147 .00108 .00570 .00049 .00081 .00101 .00101 .00543 .00100	.00744 .09777 .02513 .00009 .00219 .00578 .01606 .01192 .00815 .00295 .00158 .01101 .00101 .00062 .00243	.00214 .04541 .02339 .00009 .00227 .00678 .01086 .00767 .00246 .00150 .00733 .00107 .00326 .00107 .00111	.04795 .05988 .00011 .00188 .00397 .00995 .00692 .00394 .00251 .00141 .00719 .00085 .00140	.00072 .01027 .03036 .00008 .00585 .00230 .00404 .00350 .00242 .00129 .00194 .00319 .00032 .00041	.00227 .03258 .07277 .00014 .00726 .00310 .00985 .01319 .00176 .00236 .00699 .00050 .00072 .00023	.98671 .04434 .01942 .00007 .00155 .01819 .01619 .02293 .04024 .00183 .00151 .00602 .00071 .00110	.00104 1.02816 .00899 .00009 .00316 .00709 .01661 .00463 .00161 .00316 .00705 .00705 .00085 .00289 .00058	.00271 .02500 1.03603 .00050 .00781 .00535 .01573 .00878 .00164 .00625 .00455 .01317 .00090 .00092 .00038	.00114 .02194 .05491 1.24098 .00293 .00302 .00767 .00614 .00441 .00187 .00210 .01323 .00048 .00090 .00020	.00187 .02204 .03537 .00008 1.07235 .02182 .00895 .01045 .00074 .00345 .00280 .00476 .00476 .00084 .00139 .00042	.00292 .03475 .01799 .00008 .00387 1.09453 .02163 .00830 .00070 .00393 .00132 .00132 .00425 .00139	.00126 .02228 .01190 .00009 .00098 .02442 1.22139 .04993 .00050 .00417 .00740 .02555 .00232 .00464 .00111	.00116 .02292 .02611 .00008 .00662 .00776 .04461 1.43023 .00073 .00504 .00378 .01581 .00140 .00302 .00098 .01428	.02425 .02148 .01784 .00009 .00288 .00923 .24830 .50527 1.07774 .00597 .00125 .00125 .0026 .00067 .00895 .00148	.00620 .01586 .02400 .00715 .00756 .00908 .24289 .13982 .00077 1.00446 .01747 .04750 .00316 .00316 .00134	.00351 .01457 .01907 .00012 .00325 .01018 .27531 .08939 .00064 .00859 .97677 .03764 .00313 .01189 .00053	20+21 22+23 24 25A 26B 27B 27B 29A 29B 30 31 32 33+34 355 36 40 41 42 42 43 44+45 50 51 52 53 54 55 56 56 57 57
.00064 .00157 .00221 .00045 .00084 .00010 .00045 .00292 .00093 .00010 .00234 .00031 .00022 .00129 .00390 .00390 .00193 .00633	.00196 .00053 .00121 .00014 .00106 .00069 .00307 .00086 .00011 .00251 .00039 .00029 .00232 .00988 .00363	.00145 .01635	.00134 .02127	.00397 .00212 .00540 .00200 .00099 .00215 .00031 .00050 .00331 .00050 .00055 .00055 .00059 .00153 .00153	.00138 .00183 .00183 .00102 .00010 .00010 .00040 .00299 .00061 .00190 .00035 .00035 .00020 .00513 .00185	.00124 .00343 .00150 .00145 .00184 .00016 .00121 .00042 .00281 .00080 .00012 .00224 .00041 .00047 .00146 .00141	.00164 .00332 .00152 .00068 .00174 .00015 .00477 .00041 .00294 .00082 .00014 .00290 .00045 .00070 .00129	.00218 .00348 .00175 .00094 .00193 .00022 .00126 .00047 .00251 .00084 .00033 .00041 .00084 .00083	.00211 .00898 .00178 .00091 .00213 .00020 .00159 .00040 .00113 .00016 .00296 .00084 .00196 .00191 .00196	.00109 .00416 .00177 .00066 .00118 .00014 .00111 .00043 .00299 .00087 .00012 .00273 .00046 .00106 .00106 .00091	.00155 .00697 .00142 .00072 .00377 .00099 .00253 .00036 .00267 .00066 .00015 .00292 .00038 .00060 .00196	.00367 .00520 .00185 .00083 .00251 .00017 .00133 .00066 .00287 .00147 .00023 .00555 .00043 .00077 .00116 .00086 .00186	.01171 .00137 .02450 .01100 .00214 .00143 .01027 .00239 .00049 .00413 .00118 .00025 .00403 .00088 .00083 .00093 .00033	.01186 .00910 .00207 .00081 .00693 .00024 .00265 .00655 .00684 .00797 .00019 .00487 .00057 .00131 .00090 .00114	.00204 .00089 .00547 .00021 .00188 .00052 .00490 .00366 .00020 .00415 .00067 .00056 .00131 .00129 .00118	.00537 .00661 .00084 .00136 .00096 .00411 .00153 .00035 .00420 .00282 .00411 .00099	.001028 .02699 .00210 .00208 .00621 .00174 .00174 .00189 .01142 .00815 .00082 .00213 .00106 .00134	59A 59B 60 61 62 63 64 65A
.02213 .00091 .00667 .00237 .01365 .00784 .01188 .00644 .00104 .04965 .00216 .01819 .00447	.03525 .00146 .00747 .00321 .01160 .00414 .01803 .01043 .00152 .06879 .00232 .01956 .00486	.04773 .00660 .00788 .00895 .01131 .00354 .03899 .04695 .00469 .09240 .00360 .02486 .00609	.08871 .00783 .00763 .00745 .01216 .00521 .03192 .04484 .00417 .00377 .00383 .02912 .00666	.04918 .00665 .00854 .00661 .01402 .00361 .04022 .03751 .00447 .09934 .00363 .02660 .00609	.01561 .00112 .00653 .00218 .01221 .01499 .01398 .00859 .00160 .09166 .00248 .01928 .00415	.03312 .00333 .00735 .00410 .01260 .01530 .01799 .01474 .00210 .08892 .00527 .02182 .00497	.05467 .00647 .00738 .00616 .01159 .00480 .02379 .02120 .00350 .09203 .00260 .02438 .00560	.01792 .00872 .00562 .03521 .01081 .00262 .02848 .12721 .00248 .06641 .00430 .02686 .00548	.05678 .00435 .00805 .00504 .01152 .00319 .03361 .01889 .00242 .08616 .00366 .02363 .00556	.03777 .00188 .00894 .00385 .01260 .00819 .02170 .01491 .00599 .09713 .00292 .02242 .00658	.03412 .00541 .00634 .00379 .00957 .00239 .03730 .03036 .00192 .07586 .00507 .01990 .00497	.10023 .01307 .00663 .00721 .01185 .00291 .03898 .03676 .00230 .06838 .00400 .02306 .00684	.05180 .00922 .00844 .00505 .01080 .05257 .03231 .00444 .11937 .00294 .02482 .00598	.06482 .00413 .00930 .00536 .01209 .00251 .06023 .02280 .00295 .15520 .00288 .02574 .00624	.06121 .00452 .00976 .00530 .01269 .00304 .04703 .02330 .00300 .16158 .00319 .02878 .00671	.04239 .00318 .00788 .00378 .01155 .00306 .02834 .01638 .00214 .11541 .100269 .02222 .00517	.04273 .00352 .00806 .00380 .01048 .03105 .01660 .00603 .10966 .00290 .02344 .00541	65B 65C 65D 65E 66 67 68A 68B 68C 69A 70B 71A 71B
.00550 .00240 .01409 .02513 .05776 .00852 .00671 .00750 .00526 .00009 .00241 .01179	.00590 .00324 .01058 .01590 .03956 .00450 .00741 .00986 .00317 .00007 .00284 .00611	.00674 .00487 .01273 .04849 .04518 .00386 .00838 .01184 .00297 .00010 .00282 .00526 .01556		.00727 .00608 .01436 .05514 .04724 .00393 .00907 .01346 .00318 .00011 .00397 .00530 .01547	.00580 .00264 .00962 .04510 .05540 .01625 .00704 .00657 .00914 .00010 .00586 .00372 .00565	.00639 .00318 .00998 .03381 .04828 .01658 .00789 .00856 .00933 .00014 .00384 .00467	.00695 .00347 .01042 .03574 .03797 .00522 .00852 .01021 .00379 .00012 .00264 .00429 .01178	.00556 .00381 .01201 .04106 .03593 .00285 .00725 .00840 .00243 .00006 .00285 .00457 .01480	.00661 .00467 .01169 .02799 .04069 .00347 .00854 .01177 .00276 .00010 .00562 .00469 .01093	.00662 .00372 .01431 .01887 .03951 .00888 .00964 .00929 .00500 .00083 .00240 .00587 .01499	.00573 .00460 .01071 .01665 .03508 .00261 .00766 .01061 .00203 .00007 .00209 .00455 .01128	.00609 .00506 .01159 .02110 .04092 .00317 .00802 .01448 .00238 .00010 .00229 .00473 .01566	.00661 .00716 .01556 .02061 .04751 .00313 .00856 .01530 .00251 .00009 .00254 .00587 .01697	.00748 .00524 .01312 .02060 .04427 .00274 .00973 .01351 .00244 .00009 .00299 .00619	.00861 .00627 .01432 .02228 .04814 .00331 .01100 .01524 .00306 .00009 .00358 .00566 .01411	.00669 .00390 .01136 .01863 .04941 .00334 .00900 .01033 .00252 .00008 .00277 .00469 .01034	.00645 .00519 .01252 .02286 .04580 .00376 .00871 .01205 .00286 .00088 .00456 .00446	72A 72B 73A 73B 73C 73D 74 75 76 77A 77B 78 82 84
1.78556	1.93363	2.31027	2.33626	2.43631	1.84559	2.08237	2.29400	2.70922	2.19401	2.41323	1.91941	2.06300	2.22002	2.49382	2.83547	2.20014	2.17582	

# Table 5.—Industry-by-Commodity [Total requirements, direct and indirect, per dollar

			ı					[	iai requirerric	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, po. dod.
Industry number	Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Other fabricated metal products	Engines and turbines	Farm, construc- tion, and mining machinery	Materials handling machinery and equipment	Metal- working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscel- laneous machinery, except electrical	Computer and office equipment	Service industry machinery	Electrical industrial equipment and apparatus
	Commodity number	42	43	44+45	46	47	48	49	50	51	52	53
1 2 3 4 5+6 7 8 9+10	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining Crude petroleum and natural gas Nommetallic minerals mining	0.00081 .00150 .00085 .00126 .01137 .00748 .02135	0.00076 .00118 .00057 .00135 .01102 .00730 .01630 .00224	0.00081 .00136 .00089 .00133 .00905 .00669 .01682	0.00073 .00115 .00071 .00113 .00946 .00632 .01678	0.00071 .00120 .00076 .00113 .00738 .00543 .01526	0.00077 .00124 .00088 .00123 .00799 .00500 .01459	0.00079 .00135 .00072 .00134 .00760 .00565 .01562	0.00063 .00097 .00045 .00118 .00897 .00537 .01371	0.00077 .00117 .00056 .00131 .00261 .00265 .01003	0.00081 .00144 .00096 .00124 .00946 .00527 .01597 .00216	0.00077 .00130 .00075 .00145 .00908 .00499 .01852 .00393
11 12 13 14 15	New construction Maintenance and repair construction Ordnance and accessories Food and kindred products Tobacco products		.02145 .00062 .00314 (*)		.01786 .00151 .00301 (*)	.01830 .00077 .00297 (*)	.01843 .00033 .00319 (*)	.01790 .00034 .00307 (*)	.01853 .00038 .00254 (*)	.02135 .00015 .00316 (*)	.02065 .00127 .00352 (*)	.01847 .00017 .00312 (*)
16 17 18 19 20+21 22+23	Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings Apparel Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures	.00263 .00117 .00060 .00077 .00819 .00222	.00151 .00081 .00078 .00034 .00492 .00034	.00202 .00124 .00036 .00031 .00698 .00069	.00159 .00123 .00032 .00027 .00653 .00312	.00156 .00065 .00036 .00023 .00844 .00026	.00170 .00104 .00117 .00027 .00888 .00023	.00333 .00793 .00035 .00026 .00610 .00023	.00121 .00183 .00022 .00021 .00440 .00026	.00137 .00065 .00034 .00030 .00467	.00212 .00122 .00038 .00027 .00914 .00119	.00190 .00090 .00030 .00025 .00625 .00029
24 25 26A 26B 27A 27B	Paper and allied products, except containers Paperboard containers and boxes Newspapers and periodicals Other printing and publishing Industrial and other chemicals	.01999 .00874 .00509 .00958 .03521 .00127	.00793 .00417 .00397 .00721 .01566 .00072	.00874 .00467 .00529 .00872 .02080 .00089	.00812 .00345 .00499 .00838 .01538	.00856 .00643 .00431 .00707 .02196	.01527 .00418 .00505 .00886 .01701	.01401 .00721 .00530 .00849 .01669	.00668 .00453 .00471 .00719 .01237 .00057	.01174 .00712 .00704 .01099 .01501 .00075	.01584 .00759 .00555 .00877 .02359 .00104	.01524 .00676 .00601 .00903 .02101 .00091
28 29A 29B 30 31	Agricultural fertilizers and chemicals Plastics and synthetic materials Drugs Cleaning and toilet preparations Paints and allied products Petroleum refining and related products	.01639 .00027 .00127 .00751 .01550	.00763 .00014 .00070 .00262 .01272	.01217 .00017 .00080 .00501 .01325	.00820 .00014 .00069 .00253 .01374	.00085 .01004 .00018 .00074 .00291 .01192	.00076 .00870 .00020 .00075 .00145 .01179	.00113 .01182 .00014 .00081 .00159 .01227	.00583 .00010 .00052 .00119 .01045	.00830 .00015 .00082 .00143 .00845	.01524 .00024 .00165 .00458 .01252	.01329 .00019 .00151 .00350 .01590
32 33+34 35 36 37 38	Rubber and miscellaneous plastics products Footwear, leather, and leather products Glass and glass products Stone and clay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing	.04169 .00023 .00252 .00872 .21255 .10019	.02576 .00008 .00130 .01212 .19707 .07085	.05539 .00009 .00193 .00768 .17579 .04035	.03201 .00008 .00131 .00754 .17412 .06045	.04032 .00006 .00133 .01740 .12499 .05962	.03339 .00014 .00198 .00784 .10756 .08150	.04044 .00007 .00120 .00853 .12457 .05924	.01428 .00006 .00120 .00826 .11330 .10010	.02861 .00007 .00390 .00323 .01905	.04197 .00008 .00197 .01179 .10468 .11125	.04073 .00007 .00179 .03693 .08375 .09053
39 40 41 42 43	Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products Engines and turbines	.00128 .01229 .02623 .96838 .00206 .00539	.00045 .01927 .04286 .04392 .95753	.00059 .05167 .02150 .02990 .05151	.00045 .02536 .03483 .03614 .01023	.00045 .01669 .03748 .02504 .00251	.00041 .02061 .01454 .03898 .00537	.00040 .01895 .01627 .02645 .01047	.00030 .01244 .01721 .03446 .00500	.00042 .01106 .01470 .01933 .00102	.00061 .01498 .03846 .02835 .00369	.00051 .00818 .02224 .01959 .02693
44+45 46 47 48 49 50	Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment Miscellaneous machinery, except electrical	.00078 .01159 .00166 .00948 .01950	.00861 .00051 .01179 .00104 .03794 .05389	1.01091 .00307 .01801 .00293 .04009 .03752	.01920 .95524 .01344 .01251 .07149 .03857	.00626 .00147 .93813 .00630 .01833 .04326	.00264 .00206 .02058 .98760 .04080 .04644	.00649 .00330 .01207 .00872 1.02921 .04069	.00548 .00090 .02775 .00327 .02360 1.00258	.00069 .00028 .00268 .00106 .00214 .00567	.00223 .00076 .00962 .00466 .03163 .02961	.00238 .00134 .00762 .00123 .01286 .01863
51 52 53 54 55 56	Computer and office equipment Service industry machinery. Electrical industrial equipment and apparatus Household appliances Electric lighting and wiring equipment Audio, video, and communication equipment	.00207 .00196 .00955 .00024 .00265 .00054	.00288 .00125 .04653 .00051 .00189	.00204 .00127 .01483 .00042 .00161 .00062	.00185 .00221 .03680 .00043 .00204 .00122	.00180 .00087 .02553 .00118 .00281 .00057	.00314 .00434 .04295 .00049 .00192 .00070	.00211 .00533 .04725 .00085 .00181 .00057	.00227 .00126 .00738 .00022 .00728 .00045	1.15103 .00074 .02444 .00029 .00428 .01250	.00236 1.04822 .06216 .00822 .00882 .00099	.00544 .00103 1.00746 .00670 .01098 .00251
57 58 59A 59B 60	Electronic components and accessories  Miscellaneous electrical machinery and supplies  Motor vehicles (passenger cars and trucks)  Truck and bus bodies, trailers, and motor vehicles parts  Aircraft and parts	.00630 .00150 .00038 .00369 .00307	.00979 .01230 .00208 .04281 .06132	.00505 .00706 .00147 .01152 .00395	.00566 .00492 .00067 .00873 .00130	.00479 .00270 .00102 .00506 .00156	.01451 .00208 .00027 .00273 .00128	.00744 .00213 .00028 .00529 .00207	.00731 .00220 .00050 .00520 .00504	.34505 .00193 .00025 .00331 .00066	.00817 .00183 .00056 .00938 .00131	.03915 .00338 .00038 .00500 .00127
61 62 63 64 65A 65B	Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment Miscellaneous manufacturing Railroads and related services; passenger ground transportation Motor freight transportation and warehousing	.00043 .00496 .00092 .00264 .00979 .03660	.00305 .01255 .00093 .00100 .00798 .04118	.00264 .00227 .00094 .00203 .00832 .03928	.00175 .00426 .00091 .00156 .00746 .03190	.00072 .00378 .00084 .00124 .00662 .02898	.00070 .00632 .00139 .00118 .00650 .02871	.00050 .00584 .00129 .00173 .00642 .02746	.00189 .00330 .00092 .00095 .00664 .02602	.00033 .00529 .01532 .00168 .00429	.00052 .01857 .00109 .00176 .00760 .03224	.00311 .00826 .00100 .00123 .00801 .02900
65C 65D 65E 66 67	Water transportation Air transportation Pipelines, freight forwarders, and related services Communications, except radio and TV Radio and TV broadcasting	.00309 .00736 .00344 .01127 .00360	.00237 .01101 .00389 .01081 .00277	.00275 .00942 .00366 .01166 .00374	.00209 .00872 .00321 .01219 .00354	.00205 .00698 .00280 .01118 .00304	.00184 .00899 .00301 .01281 .00357	.00186 .00825 .00289 .01230 .00380	.00186 .00762 .00271 .00950 .00329	.00105 .01110 .00258 .01445 .00493	.00211 .00851 .00322 .01170 .00394	.00269 .00816 .00314 .01212 .00427
68A 68B 68C 69A 69B 70A	Electric services (utilities)	.03017 .01720 .00237 .10186 .00264 .02171	.02502 .01282 .00219 .11066 .00236 .02252	.02349 .01299 .00184 .12456 .00232 .02247	.02162 .01241 .00168 .13427 .00204 .02080	.02285 .01144 .00162 .08347 .00190 .01893	.02142 .01068 .00148 .11323 .00203 .01982	.02374 .01198 .00167 .10472 .00207 .02029	.02370 .01115 .00145 .07528 .00186 .01877	.01753 .00654 .00120 .16481 .00235	.02321 .01182 .00254 .12158 .00279 .02256	.02340 .01243 .00159 .11325 .00257 .02226
70B 71A 71B 72A 72B 73A	Insurance Owner-occupied dwellings Real estate and royalties Hotels and lodging places Personal and repair services (except auto) Computer and data processing services	.00498 .02918 .00638 .00429	.00510 	.00530 	.00516 	.00448 	.00442 	.00465 	.00425 	.00484 	.00510 .02600 .00662 .00353	.00457 .02757 .00615 .00345
73B 73C 73D 74 75	Computer and data processing services Legal, engineering, accounting, and related services Other business and professional services, except medical Advertising Eating and drinking places Automotive repair and services	.01183 .02047 .04175 .00392 .00855 .01056	.01448 .01698 .04083 .00302 .00906 .01030	.01261 .02109 .04051 .00407 .00901 .00991	.01024 .02196 .03911 .00385 .00849 .00862	.00962 .01939 .03538 .00331 .00828 .00839	.00974 .02228 .03715 .00388 .00870 .00797	.01086 .01988 .03889 .00413 .00855 .00888	.00868 .01873 .04003 .00359 .00752 .00772	.01960 .02816 .04384 .00536 .00874 .00759	.01245 .02012 .03782 .00428 .00885 .00904	.01007 .01727 .03927 .00464 .00836 .00849
76 77A 77B 78 79	Amusements . Health services . Educational and social services, and membership organizations Federal Government enterprises	.00273 .00007 .00268 .00460 .01041	.00254 .00007 .00269 .00446 .00937	.00306 .00007 .00253 .00488 .00870	.00269 .00007 .00222 .00453 .00992	.00231 .00006 .00229 .00390 .00893	.00280 .00006 .00214 .00466 .00811	.00281 .00007 .00229 .00430 .00909	.00262 .00007 .00207 .00356 .00938	.00389 .00007 .00336 .00411 .00640	.00315 .00007 .00333 .00394 .00915	.00310 .00007 .00246 .00434 .00811
82 84 85	General government industry Household industry Inventory valuation adjustment Total industry output multiplier	2.08685	2.23536	2.18521	2.12357	1.88261	2.02455	2.02296	1.86974	2.29318	2.19123	2.02880

\*Less than .000005.

# **Total Requirements, 1992—**Continued of delivery to final demand, at producers' prices]

of delivery t	o final den	nand, at pro	oducers' pric	es]														
Household appliances	Electric lighting and wiring equipment	Audio, video, and communi- cation equipment	Electronic components and accessories	Miscel- laneous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other trans- portation equipment	Scientific and controlling instruments	Ophthal- mic and photo- graphic equipment	Miscel- laneous manufac- turing	Railroads and related services; passenger ground transportation	Motor freight transpor- tation and ware- housing	Water transpor- tation	Air transpor- tation	Pipelines, freight forwarders, and related services	Communications, except radio and TV	Indus- try number
54	55	56	57	58	59A	59B	60	61	62	63	64	65A	65B	65C	65D	65E	66	
0.00103 .00215 .00131 .00160 .00868 .00581 .02213 .00442	0.00082 .00154 .00078 .00126 .00723 .00482 .01821 .00284	0.00069 .00116 .00064 .00116 .00353 .00251 .00930 .00098	0.00072 .00128 .00057 .00162 .00369 .00344 .01204 .00156	0.00091 .00178 .00098 .00176 .00710 .00418 .01694 .00191	0.00131 .00304 .00123 .00153 .00743 .00508 .01983 .00228	0.00090 .00163 .00096 .00140 .01684 .00712 .01941 .00238	0.00081 .00140 .00055 .00156 .00443 .00305 .01120 .00120	0.00086 .00179 .00188 .00159 .00626 .00487 .01536 .00162	0.00089 .00160 .00061 .00128 .00298 .00302 .00965 .00113	0.00077 .00149 .00083 .00109 .00159 .00330 .01413 .00181	0.00200 .00491 .00236 .00171 .00632 .00381 .02058 .00238	0.00063 .00122 .00078 .00105 .00143 .00262 .08055 .00188	0.00065 .00098 .00044 .00077 .00063 .00191 .05140 .00083	0.00127 .00162 .00054 .00113 .00084 .00215 .02680 .00091	0.00214 .00196 .00049 .00097 .00052 .00156 .08540 .00100	0.00057 .00093 .00072 .00076 .00037 .00216 .01272 .00061	0.00063 .00101 .00050 .00096 .00049 .00113 .00542 .00085	1 2 3 4 5+6 7 8 9+10 11 12
.00061 .00422 .00001 .00530 .00209	.01852 .00012 .00344 (*) .00311 .00100 .00032	.00259 .00283 (*) .00215 .00097 .00026	.00038 .00295 (*) .00136 .00062 .00028	.00250 .00377 .00001 .00339 .00163	.00038 .00456 .00001 .01990 .01122 .00188	.00035 .00369 (*) .00298 .00189 .00041	.04021 .00316 (*) .00431 .00120 .00047	.00019 .00315 (*) .00488 .00454 .00054	.01665 .01235 .00340 (*) .00692 .00590 .00106	.00014 .00339 .00001 .00228 .00118 .00024	.00009 .00724 .00001 .02269 .00278 .00669	.00006 .00256 (*) .00121 .00071	.00006 .00274 (*) .00094 .00054 .00025	.00008 .00539 (*) .00342 .00218 .00301	.00122 .00981 (*) .00070 .00031	.00018 .00220 (*) .00173 .00053 .00028	.00009 .00215 (*) .00074 .00039 .00080	13 14 15 16 17 18
.00066 .00855 .00257 .03308 .01545 .01039	.00027 .00667 .00210 .02318 .01814 .00830 .01155	.00024 .00557 .01161 .01295 .00545 .00503	.00024 .00511 .00128 .01039 .00485 .00619	.00583 .00583 .00043 .03884 .01578 .00592	.02529 .00864 .01753 .01353 .00735 .00715	.00133 .00867 .00130 .01301 .00840 .00906 .01320	.00188 .00417 .00103 .00657 .00273 .00403	.00469 .02351 .00210 .00755 .00365 .00447	.00033 .00511 .00098 .01529 .00730 .00674	.00796 .00796 .00019 .05565 .01388 .00643	.00669 .00311 .02376 .00193 .03374 .02320 .01463 .02978 .04783 .00213 .03990	.00039 .00944 .00017 .00604 .00188 .00372	.00376 .00376 .00016 .00568 .00234 .00367 .00892	.00356 .00487 .00014 .00820 .00172 .01488 .01902	.00050 .00407 .00009 .00596 .00168 .00709 .01224	.00262 .00916 .00010 .00830 .00293 .00921 .01903	.00023 .00594 .00031 .00674 .00160 .00708 .01351	20+21 22+23 24 25 26A 26B
.01462 .04964 .00198 .04510 .00049 .00284 .00924	.03271 .00137 .03093 .00028 .00236 .00154	.01613 .00074 .01088 .00016 .00103 .00104	.02706 .00101 .01031 .00022 .00092 .00104	.04035 .00161 .02852 .00031 .00159 .00123	.03859 .00162 .02647 .00033 .00154 .01456	.03074	.01524 .00081 .01165 .00030 .00066 .00313	.01909 .00097 .01447 .00017 .00080 .00699	.01743 .00084 .01328 .00279 .00120 .00110	.04318 .00146 .02136 .00126 .00182 .00077	.04783 .00213 .03990 .00061 .00367 .00719	.01242 .00057 .00395 .00011 .00097 .00132	.00956 .00048 .00442 .00010 .00068 .00103	.00890 .00064 .00392 .00011	.00890 .00055 .00196 .00012 .00077 .00052 .10906	.00482 .00033 .00247 .00006 .00038 .00049	.00443 .00035 .00217 .00009 .00055 .00099	27A 27B 28 29A 29B 30
.00700 .10791 .00012 .00459 .01209 .10945 .08455	.04995 .00008 .02848 .01621 .07918 .08974	.00763 .03195 .00008 .00397 .00274 .02253 .03989	.00942 .02689 .00008 .01242 .00429 .02590 .05248	.07896 .00010 .00294 .00537 .04540 .09483	.08718 .00092 .01401 .00760 .08198	.01785 .00024 .00109 .00695 .01527 .04410 .00015 .00357 .01021 .15008 .13549	.03070 .00015 .00190 .00566 .03111	.03537 .00021 .00825 .00641 .10217 .04453	.00799 .03106 .00024 .00614 .00403 .02797 .03307	.03653 .00006 .00881 .00252 .01106 .01378	.01739 .05535 .00174 .00249 .00763 .03703 .08523	.01395 .00009 .00201 .00454 .02095	.02002 .00009 .00109 .00170 .00618	.00157 .03121 .00957 .00020 .00104 .00246 .01075	.00557 .00010 .00087 .00195 .00480	.00844 .00020 .00088 .00157 .00388 .00315	.00708 .00012 .00082 .00219 .00500 .00478	32 33+34 35 36 37 38
.00975 .03716 .02588 .00215 .00178 .00043	.00055 .00308 .03098 .02932 .00154 .00458	.00035 .00864 .01532 .02030 .00053 .00070	.00044 .00772 .01477 .04252 .00061 .00086	.00060 .00750 .01549 .02851 .00130 .00110	.00116 .01022 .10031 .03568 .01574 .00278	.02624 .05288 .02776 .00645 .00411	.00042 .00430 .01490 .02693 .00262 .00105	.00062 .02670 .01691 .02828 .04541 .01248	(*) .0692 .00590 .00106 .00033 .00511 .00098 .01529 .00730 .00674 .00994 .01743 .00084 .01743 .00084 .01743 .00084 .01743 .00084 .01743 .00084 .01743 .00099 .00120 .00110 .00799 .00120 .00110 .00799 .00120 .00110 .00799 .00120 .00110 .00099 .00100 .00004 .00019 .00086 .00465 .01536 .02465 .01536 .02465 .00077 .00086 .00019 .00382 .00019	.00054 .00210 .01037 .00793 .00054 .00056	.05535 .00174 .00249 .00763 .03703 .08523 .00099 .00483 .01854 .00080 .00094 .00029 .00461 .00128 .00360 .01117	.00037 .00509 .00274 .00945 .00698 .00110	.00031 .00159 .00205 .00633 .00146 .00049	.00035 .00281 .00202 .01056 .00854 .00102 .00020	.00048 .00141 .00154 .00381 .00050 .00058	.00016 .00176 .00103 .00407 .00157 .00034 .00010	.00017 .00282 .00330 .00450 .00218 .00035	39 40 41 42 43 44+45 46
.01057 .00297 .00915 .00858 .00407 .02754	.00032 .00027 .00210 .0218 .01814 .01830 .01155 .03271 .00137 .03093 .00028 .00236 .00154 .01641 .01	.01865 .00259 .00253 .00255 .00097 .00026 .00024 .00557 .00545 .00545 .00545 .00543 .00800 .01613 .00074 .00108 .0	.02578 .0038 .00295 (°) .00136 .00062 .00028 .00024 .00511 .00128 .01039 .00485 .00619 .00908 .02706 .00101 .01031 .00022 .00092 .00104 .0044 .0044 .00588 .0026 .0027 .00611 .01868 .00226 .0037 .00817 .0087 .0087 .0091 .00887 .0091 .00887 .0091 .00887 .0091 .00687 .00091 .00681 .00266 .00027 .00110 .00866 .00025 .00110 .00866 .00021 .0087 .00911 .01868 .00216 .00091 .00611 .01868 .00021			.00851 .00140 .02570 .04977 .00515 .01391	.02016 .04021 .00316 (*) .00431 .00120 .00047 .00103 .00657 .00273 .00403 .00657 .00273 .00273 .0030	.01646 .00019 .00019 .000454 .00054 .00054 .00054 .00054 .00054 .00050 .00097 .01447 .00017 .00080 .00097 .01447 .00081 .00061	.00382 .00112 .00307 .00791 .02432 .00072	.01655 .00014 .000339 .000011 .00228 .00118 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .00021 .000252	.00579		.01988 .00006 .00274 (*) .00094 .00054 .00025 .00041 .00376 .00016 .00568 .00234 .00367 .00986 .00442 .00010 .00109 .00109 .00109 .00109 .00109 .00170 .00863 .00441 .00152 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00074 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00073 .00074 .00073 .00073 .00073 .00074 .00075 .0007	.00572 .00057 .01476 .00651 .00262 .00103 .00329	.00112 .00028 .00125 .00334 .00435 .00063 .00123	.00049 .00033 .00442 .00238 .00824 .00068 .00225	.00058 .00029 .00311 .00129 .00635 .00084	9+10 111 12 13 14 15 16 16 17 17 18 20+21 22+23 24 25 26A 27B 29A 29B 30 31 31 32 33+34 36 37 38 39 40 41 41 44+45 43 44+45 55 55 56 57 58 59A 59A 59A 59A 59A 59A 59A 59A 59A 59A
.95433 .01561 .01831 .02702 .00247 .00049	.00124 .96479 .00441 .02226 .00794	.00035 .01005 .99632 .27490 .01156	.00019 .00611 .01868 1.12852 .00271 .00026	.00054 .00508 .01179 .11543 .92071	.00057 .00823 .01334 .03900 .02267 1.00449	.00060 .00491 .00240 .03895 .02233	.00018 .00147 .01228 .04063 .00238	.00600 .00480 .00161 .00731 .00618	.00307 .00791 .02432 .00072 .01367 .00029 .00498 .02197 .11361 .00913 .00024 .00241 .00340 .00025 .96109 .00860 .00175	.00044 .00148 .00121 .04625 .01476	.00521 .00025 .00165 .00118 .01850 .00187	.00047 .00224 .00072 .00461 .00283 .00097	.00012 .00113 .00070 .00351 .00250	.00033 .00123 .00051 .00391 .00207 .00068	.00013 .00069 .00107 .00696 .00134 .00008	.00015 .00076 .00122 .00800 .00296 .00012	.00025 .00167 .01992 .02635 .00224 .00011	54 55 56 57 58 59A
.00147 .00050 .03846 .00141 .00225	.00068 .00037 .01279 .00113 .00537	.00219 .00219 .00021 .02460 .00155 .00137	.00644 .00065 .00025 .01199 .00137 .00116	.02753 .00168 .00133 .01888 .00408 .00154 .00725	.29677 .00237 .00083 .00910 .00146 .00178	1.03862 .00266 .00144 .00508 .00127 .00158 .01080	1.27362 .00027 .06946 .00149 .00110	.00534 1.00985 .00544 .00082 .00225 .00725	.00241 .02340 .00025 .96109 .00860 .00175	.00202 .00049 .00026 .01132 1.02536 .00128 .00669	.00268 .00080 .00235 .00226 .00139 1.04501 .00785	.01463 .00081 .01872 .00104 .00087 .00132 .93497	.00044 .00029 .00086 .00113 .00113	.00266 .00090 .02513 .00086 .00132 .00438 .00276	.00169 .03732 .00021 .00260 .00103 .00148 .00328	.00277 .00048 .00021 .00062 .00173 .00216	.00203 .00042 .00014 .00131 .00122 .00201	60 61 62 63 64 65A
.03807 .00267 .00861 .00373 .01336 .00757	.03087 .00201 .00730 .00305 .01139 .00597 .02395	.01548 .00101 .00821 .00219 .01211 .00352 .01583	.01756 .00137 .00840 .00242 .01179 .00436	.03311 .00196 .00852 .00326 .01145 .00410	.04750 .00254 .01400 .00488 .01292 .00504 .02368	.04297 .00285 .01104 .00418 .01185 .00652	.01927 .00123 .01330 .00308 .00996 .00279 .01727	.03355 .00184 .00900 .00325 .00982 .00316 .01949	.01617 .00109 .00727 .00211 .01214 .00470 .01619	.02053 .00167 .00651 .00242 .01167 .00430 .01443	.03355 .00225 .00775 .00336 .01331 .01057 .02173	.01870 .00351 .00661 .02259 .01458 .00232	1.20510 .00271 .00736 .05047 .02523 .00228 .01446	.01323 1.08001 .00588 .05685 .01107 .00998 .01271	.01082 .00344 1.01843 .12019 .02527 .00492 .01166	.01205 .00203 .00865 1.02074 .03895 .00623	.00745 .00051 .00577 .00140 1.15840 .00519 .00811	65B 65C 65D 65E 66 67 68A
.01444 .00189 .12499 .00399 .02398 .00549	.01300 .00177 .11564 .00362 .02099 .00471	.00614 .00104 .10045 .00227 .02039 .00425	.00815 .00133 .09909 .00237 .02111 .00453	.01114 .00225 .12717 .00297 .02304 .00497	.01247 .00253 .16334 .00344 .04079 .00688	.01403 .00301 .13530 .00297 .02617 .00586	.00705 .00156 .07089 .00189 .02405 .00457	.01039 .00182 .09986 .00208 .02037 .00503	.00621 .00110 .07466 .00206 .01886 .00406	.00895 .00129 .08836 .00244 .01947	.01223 .00163 .13056 .00339 .02241	.01702 .00163 .05677 .00765 .03267	.01154 .00665 .05496 .00742 .03515	.00836 .00141 .03688 .00248 .05155 .00483	.01593 .00137 .03582 .00221 .03248 .00513	.00378 .00090 .02301 .00260 .03700 .00868	.00280 .00096 .02495 .00318 .02166	68B 68C 69A 69B 70A 70B
.02799 .00706 .00363 .01074 .02039 .04235	.03087 .00622 .00315 .01129 .01912 .03869	.02837 .00610 .00277 .01309 .02307 .03759	.03034 .00616 .00388 .01347 .02923 .04362	.02926 .00646 .00391 .01116 .01918	.03485 .00848 .00526 .01264 .02884 .04694		.02357 .00682 .00377 .01841 .02468 .04199	.03290 .00616 .00296 .01129 .01830 .03573		.02167 .00536 .00233 .00952 .01382 .04022	.03608 .00637 .00334 .01017 .02201 .04591		.05227 .00677 .00297 .01308 .02155 .04500	.05553 .00412 .00235 .02169 .04358 .10727	.04897 .00568 .00484 .04015 .03268 .04064	.04060 .00512 .00356 .08130 .06693	.03333 .00512 .00936 .02148 .04630 .04096	71A 71B 72A 72B 73A 73B 73C
.00821 .00954 .00968 .00495 .00008 .00443	.00648 .00869 .00870 .00392 .00007 .00249	.00383 .00777 .00683 .00287 .00006 .00305	.00474 .00782 .00839 .00336 .00007 .00334	.00446 .00902 .00974 .00308 .00008 .00309	.00548 .01085 .06492 .00411 .00009 .00604	.00708 .00959 .01382 .00472 .00008 .00427	.00304 .00869 .00824 .00258 .00007 .00437	.00343 .00845 .00924 .00249 .00007 .00249 .00372	.00511 .00750 .00630 .00341 .00007 .00359	.00468 .00705 .00650 .00322 .00007 .00538	.01146 .00901 .00905 .00649 .00009 .00631	.00253 .00711 .01396 .00213 .00007 .00396	.00248 .00820 .06199 .00259 .00051 .00215	.01086 .00519 .00496 .00613 .00015 .00617	.00534 .02293 .00555 .00417 .00008 .00314	.00676 .00632 .00927 .00464 .00007 .00833	.00514 .00613 .00811 .02011 .00006 .00284	73D 74 75 76 77A 77B 78
.00936	2.04670	2.00135	.00676	2.13526	.01003	.01069	.00612	2.07564	.00622	.00557	.00952	1.91496	.01350	.06292	.02772			79 82 84 85

# Table 5.—Industry-by-Commodity [Total requirements, direct and indirect, per dollar

								[Total	requireme	nts, direct	and indired	ct, per dollar
Industry	Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column	Radio and TV broad- casting	Electric services (utilities)	Gas production and distribution (utilities)	Water and sanitary services	Wholesale trade	Retail trade	Finance	Insurance	Owner- occupied dwellings	Real estate and royalties	Hotels and lodging places
	Commodity number	67	68A	68B	68C	69A	69B	70A	70B	71A	71B	72A
1	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining	0.00384	0.00044	0.00057	0.00074	0.00086	0.00068	0.00050	0.00076	0.00050	0.00066	0.00148
2		.00475	.00103	.00141	.00209	.00122	.00100	.00066	.00091	.00169	.00169	.00247
3		.00039	.00071	.00093	.00151	.00063	.00038	.00024	.00030	.00036	.00053	.00058
4		.00229	.00101	.00173	.00318	.00115	.00184	.00088	.00113	.00821	.00596	.00560
5+6		.00031	.00070	.00099	.00149	.00039	.00030	.00019	.00025	.00016	.00028	.00036
7	Coal mining Crude petroleum and natural gas Nonmetallic minerals mining	.00202	.10260	.00257	.00483	.00155	.00301	.00109	.00087	.00025	.00183	.00465
8		.00707	.04353	.63537	.05643	.01047	.00991	.00551	.00495	.00200	.00674	.01381
9+10		.00060	.00156	.00220	.00357	.00051	.00055	.00031	.00036	.00077	.00109	.00107
11 12 13 14	New construction Maintenance and repair construction Ordnance and accessories Food and kindred products	.02399 .00009 .00612	.08975 .00005 .00171	.12522 .00005 .00216	.15139 .00025 .00264	.01254 .00004 .00357	.02202 .00004 .00251	.01121 .00004 .00198	.01347 .00005 .00313	.05094 .00001 .00042	.06652 .00003 .00159	.04241 .00006 .00530
15 16 17 18	Tobacco products Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings Apparel	.00109 .00034 .00067	.00091 .00052 .00016	.00055 .00057 .00016	.00116 .00096 .00048	.00134 .00046 .00149	.00070 .00043 .00021	.00059 .00024 .00014	.00050 .00026 .00015	.00019 .00023 .00003	.00039 .00035 .00011	.00497 .00117 .00163
19	Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures Paper and allied products, except containers	.00038	.00020	.00025	.00038	.00064	.00022	.00063	.00033	.00009	.00019	.00805
20+21		.00394	.00936	.01242	.01999	.00763	.00421	.00257	.00285	.00489	.00689	.00590
22+23		.00010	.00008	.00010	.00022	.00009	.00012	.00007	.00007	.00003	.00008	.00012
24		.00892	.00339	.00390	.00616	.01404	.01625	.00998	.00924	.00108	.00429	.01102
25	Paperboard containers and boxes Newspapers and periodicals Other printing and publishing	.00172	.00109	.00117	.00225	.00675	.00275	.00132	.00137	.00034	.00085	.00367
26A		.01467	.00162	.00207	.00319	.00919	.01514	.00786	.00694	.00056	.00359	.00788
26B		.01887	.00394	.00442	.00683	.02168	.01886	.02045	.01977	.00126	.00664	.01376
27A	Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials Drugs	.00522	.00814	.01318	.02902	.00592	.00483	.00323	.00374	.00158	.00352	.00693
27B		.00127	.00042	.00073	.00205	.00101	.00047	.00026	.00032	.00160	.00102	.00281
28		.00176	.00216	.00236	.00554	.00257	.00215	.00124	.00166	.00064	.00130	.00340
29A		.00015	.00010	.00012	.00029	.00017	.00007	.00005	.00006	.00004	.00006	.00015
29B	Cleaning and toilet preparations Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products	.00055	.00057	.00059	.00098	.00124	.00070	.00037	.00041	.00015	.00041	.00183
30		.00055	.00107	.00146	.00222	.00039	.00046	.00024	.00060	.00054	.00081	.00065
31		.00672	.02591	.01665	.04852	.01027	.00949	.00485	.00491	.00205	.00558	.00975
32		.00453	.00642	.00558	.01576	.00854	.00692	.00321	.00551	.00184	.00389	.00892
33+34	Footwear, leather, and leather products Glass and glass products Stone and clay products Primary iron and steel manufacturing	.00043	.00006	.00008	.00009	.00011	.00037	.00014	.00013	.00002	.00008	.00045
35		.00061	.00063	.00066	.00192	.00092	.00045	.00044	.00060	.00018	.00042	.00521
36		.00126	.00403	.00635	.00990	.00111	.00124	.00070	.00083	.00178	.00331	.00274
37		.00267	.00762	.01543	.01311	.00323	.00287	.00167	.00228	.00180	.00294	.00330
38	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products	.00286	.00542	.00502	.01061	.00372	.00238	.00161	.00216	.00144	.00241	.00274
39		.00026	.00021	.00026	.00047	.00110	.00016	.00012	.00016	.00006	.00013	.00028
40		.00140	.00476	.00610	.00797	.00115	.00132	.00071	.00088	.00258	.00321	.00217
41	Screw machine products and stampings Other fabricated metal products Engines and turbines Farm, construction, and mining machinery	.00094	.00187	.00110	.00327	.00088	.00081	.00054	.00086	.00027	.00061	.00093
42		.00239	.00390	.00654	.00873	.00272	.00272	.00192	.00279	.00130	.00239	.00286
43		.00035	.00597	.00062	.00110	.00035	.00049	.00023	.00033	.00009	.00026	.00052
44+45		.00032	.00396	.00244	.00205	.00042	.00031	.00018	.00020	.00055	.00039	.00049
46	Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment	.00008	.00076	.00043	.00024	.00083	.00009	.00006	.00007	.00004	.00008	.00013
47		.00045	.00110	.00101	.00131	.00075	.00044	.00029	.00035	.00016	.00033	.00053
48		.00029	.00023	.00027	.00050	.00048	.00037	.00025	.00029	.00006	.00017	.00038
49		.00058	.00267	.00199	.00250	.00071	.00064	.00045	.00053	.00033	.00061	.00081
50	Miscellaneous machinery, except electrical Computer and office equipment Service industry machinery Electrical industrial equipment and apparatus	.00120	.00299	.00280	.00863	.00219	.00146	.00072	.00086	.00026	.00086	.00129
51		.00479	.00182	.00358	.00214	.00317	.00170	.00491	.00392	.00028	.00085	.00213
52		.00090	.00122	.00190	.00502	.00070	.00077	.00030	.00046	.00063	.00104	.00090
53		.00197	.00303	.00198	.00279	.00097	.00083	.00074	.00085	.00045	.00084	.00132
54	Household appliances Electric lighting and wiring equipment Audio, video, and communication equipment Electronic components and accessories	.00015	.00029	.00039	.00058	.00010	.00013	.00007	.00008	.00015	.00032	.00035
55		.00100	.00291	.00232	.00352	.00077	.00100	.00042	.00059	.00087	.00130	.00124
56		.00252	.00050	.00066	.00164	.00090	.00053	.00061	.00083	.00021	.00048	.00072
57		.01287	.00262	.00275	.00579	.00945	.00294	.00500	.00426	.00049	.00153	.00333
58 59A 59B 60	Miscellaneous electrical machinery and supplies Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts	.00316 .00010 .00238 .00028	.00137 .00012 .00210 .00060	.00122 .00009 .00203 .00037	.00315 .00112 .03063 .00078	.00119 .00015 .00375	.00114 .00021 .00551 .00025	.00145 .00007 .00180 .00027	.00218 .00015 .00354 .00038	.00024 .00002 .00042 .00005	.00062 .00008 .00175	.00099 .00012 .00291 .00032
61 62 63	Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment	.00030 .00079 .00252	.00082 .00126 .00049	.00025 .00101 .00077	.00041 .01507 .00115	.00015 .00058 .00187	.00015 .00056 .00111	.00013 .00042 .00258	.00017 .00075 .00294	.00005 .00023 .00018	.00019 .00012 .00056 .00072	.00022 .00097 .00142
64	Miscellaneous manufacturing Railroads and related services; passenger ground transportation Motor freight transportation and warehousing Water transportation	.00298	.00101	.00118	.00171	.00208	.00250	.00279	.00221	.00035	.00112	.00284
65A		.00255	.02944	.00356	.00549	.00247	.00269	.00219	.00288	.00054	.00198	.00375
65B		.00901	.01278	.01105	.30245	.01039	.00943	.01954	.01213	.00286	.00779	.01776
65C		.00059	.00613	.00365	.00336	.00075	.00069	.00048	.00043	.00021	.00053	.00109
65D	Air transportation Pipelines, freight forwarders, and related services Communications, except radio and TV Radio and TV broadcasting	.00594	.00431	.00731	.00634	.00679	.00487	.00639	.00875	.00074	.00385	.00662
65E		.00155	.00321	.00844	.01324	.00228	.00155	.00191	.00201	.00031	.00116	.01581
66		.02913	.00642	.00850	.02470	.02287	.01673	.02248	.03557	.00197	.01188	.02276
67		1.03157	.00103	.00139	.00207	.00616	.01109	.00486	.00462	.00037	.00253	.00499
68A	Electric services (utilities)	.01613	.87766	.01813	.03821	.01161	.02429	.00843	.00645	.00154	.01443	.03770
68B		.00392	.04068	1.20954	.04054	.00564	.00569	.00373	.00256	.00083	.00501	.01233
68C		.00163	.00174	.00130	.38823	.00115	.00187	.00171	.00095	.00024	.00297	.00611
69A		.02281	.02554	.03039	.05274	1.03790	.01538	.01495	.01511	.00558	.01121	.02254
69B 70A 70B 71A	Retail state Retail trade Finance Insurance Owner-occupied dwellings	.00235 .02351 .01066	.00493 .02648 .00499	.00731 .02580 .00553	.01262 .02859 .01409	.00375 .02090 .00370	.99817 .02713 .00587	.00137 1.16750 .00624	.00196 .08827 1.38420	.00285 .02437 .00995 1.00000	.00388 .01756 .00564	.00461 .06988 .00497
71B	Real estate and royalties Hotels and lodging places Personal and repair services (except auto)	.07037	.03106	.12728	.04596	.04371	.08757	.05257	.07687	.04198	1.06025	.09357
72A		.00565	.00387	.00531	.00489	.00506	.00468	.00492	.00855	.00063	.00503	1.00594
72B		.00617	.00149	.00192	.00446	.00349	.00457	.00237	.00268	.00043	.00465	.00873
73A	Computer and data processing services	.02335	.01571	.01001	.01150	.01924	.01161	.04283	.02224	.00184	.00475	.01544
73B		.03801	.02515	.05955	.05491	.02182	.02084	.04230	.06132	.01073	.02792	.02474
73C		.06516	.02668	.03157	.04435	.06003	.05519	.06163	.07590	.01057	.04021	.09426
73D		.01138	.00113	.00152	.00226	.00670	.01203	.00529	.00503	.00041	.00276	.00545
74	Eating and drinking places Automotive repair and services Amusements Health services	.00706	.00481	.00613	.00645	.00601	.00624	.00587	.01019	.00070	.00451	.00836
75		.00952	.00441	.00656	.02349	.00995	.00805	.00549	.02054	.00136	.00809	.00957
76		.46014	.00128	.00183	.00222	.00505	.00693	.00373	.00427	.00039	.00209	.00397
77A		.00026	.00004	.00005	.00018	.00009	.00007	.00009	.00010	.00002	.00006	.00014
77B 78 79 82	Educational and social services, and membership organizations Federal Government enterprises State and local government enterprises General government industry	.00761 .00671 .00750	.00389 .03802 .10441	.00217 .00488 .04841	.00220 .00672 .41848	.00316 .00840 .00482	.00223 .01312 .01080	.00359 .02630 .00504	.00340 .01395 .00455	.00029 .00117 .00135	.00160 .00595 .02340	.00344 .01024 .01536
84 85	Household industry Inventory valuation adjustment Total industry output multiplier	2.05599	1.68276	2.56016	2.08278	1.50700	1.53105	1.63531	1.99695	1.22217	1.43827	1.74514

\*Less than .000005.

# **Total Requirements, 1992—**Continued of delivery to final demand, at producers' prices]

Personal and repair services (exc. auto)	Computer and data processing services	Legal, engi- neering, accounting, and related services	Other business and professional services, ex- cept medical	Adver- tising	Eating and drinking places	Auto- motive repair and services	Amuse- ments	Health services	Educational and social services, and membership organizations	Federal Govern- ment enter- prises	State and local gov- ernment enter- prises	Non- comparable imports	Scrap, used and second- hand goods	General govern- ment industry	Rest-of- the-world adjustment to final uses	House- hold industry	Inventory valuation adjustment	Industry
72B	73A	73B	73C	73D	74	75	76	77A	77B	78	79	80	81	82	83	84	85	
0.00091 .00145 .00045 .00137 .00068 .00248 .01252 .00075	0.00056 .00076 .00028 .00114 .00050 .00113 .00493	0.00048 .00066 .00023 .00110 .00019 .00087 .00422 .00030	0.00084 .00088 .00029 .00087 .00041 .00105 .00811	0.00143 .00204 .00091 .00143 .00053 .00214 .01036 .00114	0.05882 .04675 .00741 .00857 .00065 .00390 .01540 .00131	0.00067 .00109 .00051 .00130 .00235 .00262 .01861 .00097	0.00895 .01100 .00053 .00445 .00036 .00254 .00920 .00074	0.00300 .00315 .00054 .00237 .00053 .00162 .00899 .00099	0.00415 .00412 .00083 .00322 .00045 .00197 .01123	0.00074 .00082 .00024 .00039 .00042 .00110 .00908 .00032	0.00083 .00302 .00194 .00625 .00136 .00657 .04524 .00591							1 2 3 4 5+6 7 8 9+10
.01845 .00007 .00321 (*)	.01208 .00007 .00223 (*)	.00969 .00005 .00184 (*)	.00984 .00031 .00292 (*)	.01763 .00006 .00391 .00001	.02403 .00004 .27560 (*)	.01839 .00010 .00265 (*)	.02327 .00015 .01193 (*)	.01567 .00026 .01325 (*)	.05566 .00006 .01723 (*)	.01067 .00006 .00331 (*)	.27640 .00008 .00229 (*)							12 13 14 15 16
.00623 .00116 .00579 .00311 .00440 .00015 .01287 .00311	.00048 .00026 .00016 .00016 .00272 .00017 .00925 .00180	.00035 .00020 .00012 .00015 .00239 .00008 .00825 .00132	.000èó .00030 .00047 .00019 .00266 .00009 .01035 .00283	.00140 .00107 .00036 .00038 .01117 .00011 .08711 .00464 .27007	.00149 .00097 .00033 .00087 .00547 .00020 .01944 .01121 .01016	.00184 .00107 .00064 .00110 .00408 .00129 .00931 .00333 .00832	.00221 .00050 .00150 .00071 .00477 .00011 .01057 .00243 .01461	.00191 .00068 .00161 .00136 .00334 .00011 .01108 .00334 .00407	.00132 .00066 .00065 .00059 .00893 .00013 .02166 .00339	.00157 .00043 .00021 .00209 .00202 .00104 .00626 .00290 .00161	.00121 .00119 .00079 .00040 .02674 .00020 .00627 .00193							18 19 20+21 22+23 24 25 26A
.02401 .01148 .00061 .00504 .0042 .01304 .00071 .00993	.01763 .00489 .00035 .00223 .00006 .00041 .00034 .00466	.01374 .00315 .00028 .00123 .00005 .00047 .00024 .00397	.01365 .00829 .00041 .00221 .00014 .00172 .00048 .00829	.28886 .01965 .00097 .00592 .00020 .00103 .00074 .00896 .01322	.01651 .01182 .00490 .00491 .00139 .00132 .00070 .01264 .01858	.01269 .01274 .00064 .00712 .00014 .00146 .00324 .01911 .02706	.01981 .00649 .00280 .00236 .00028 .00081 .00078 .00836 .00572	.01171 .02289 .00114 .00523 .01569 .00193 .00046 .00736	.05695 .00831 .00112 .00319 .00050 .00132 .00104 .01034	.01677 .00330 .00022 .00142 .00006 .00095 .00032 .00970	.00641 .02953 .00361 .00497 .00027 .00104 .00313 .03417							26B 27A 27B 28 29A 29B 30 31
.00516 .00094 .00154 .00560 .00674 .00039 .00152 .00254	.00011 .00114 .00100 .00388 .00612 .00017 .00173 .00213	.00027 .00095 .00075 .00170 .00164 .00011 .00066 .00058	.00026 .00150 .00117 .00379 .00318 .00032 .00092 .00131	.00021 .00069 .00143 .00356 .00315 .00036 .00160 .00096	.00015 .00510 .00315 .00527 .00597 .00711 .00156 .00150	.00019 .00621 .00292 .02353 .01868 .00039 .00396 .01543	.00096 .00064 .00132 .00303 .00320 .00044 .00139 .00102	.00021 .00261 .00150 .00304 .00273 .00059 .00116 .00154	.00093 .00217 .00246 .00416 .00371 .00060 .00281 .00129	.00053 .00039 .00076 .00396 .00332 .00016 .00100 .00151	.00009 .00200 .01844 .01289 .01027 .00048 .01277 .00215							33+34 35 36 37 38 39 40 41
.00043 .00036 .00011 .00083 .00093 .00129 .00254 .00861	.00032 .00023 .00009 .00064 .00040 .00061 .00151 .09210	.00023 .00018 .00008 .00040 .00030 .00044 .00099 .00569	.00080 .00077 .00051 .00208 .00149 .00203 .00242 .00467	.00041 .00035 .00011 .00071 .00171 .00077 .00200 .00343	.00050 .00092 .00016 .00064 .00106 .00158 .00168 .00138	.00490 .00090 .00019 .00194 .00074 .00376 .00862 .00280 .00776	.00036 .00045 .00009 .00048 .00031 .00064 .00134 .00191	.00029 .00030 .00009 .00049 .00044 .00058 .00127 .00398 .00059	.00036 .00044 .00011 .00060 .00056 .00079 .00157 .00328	.00035 .00023 .00015 .00045 .00021 .00087 .00300 .00074	.00096 .00379 .00029 .00144 .00052 .00252 .01459 .00176							44+45 44+45 46
.00237 .00754 .00105 .00110 .01732 .00141 .00013 .00289	.00362 .00010 .00089 .00232 .07340 .00344 .00009 .00207	.00083 .00007 .00040 .00057 .00502 .00206 .00008 .00185	.00360 .00013 .00078 .00083 .01217 .00168 .00015 .00316	.00171 .00012 .00081 .00111 .00613 .00156 .00012 .00280	.00106 .00016 .00106 .00047 .00259 .00114 .00016 .00370 .00033	.00480 .00030 .00404 .00091 .00920 .00684 .00437 .10208 .00088	.00099 .00014 .00145 .00112 .00332 .00632 .00013 .00302 .00027	.00116 .00013 .00096 .00084 .00561 .00116 .00010 .00228	.00125 .00028 .00163 .00095 .00503 .00156 .00014 .00326	.00063 .00006 .00090 .00024 .00168 .00091 .00060 .01655 .00126	.00315 .00100 .00514 .00187 .00339 .00268 .00016 .00345							44 44 56 52 53 55 56 56 59 59 66 66
.00019 .00195 .01206 .01704 .00299 .01510 .00102 .00589	.00013 .00178 .00225 .00137 .00218 .00704 .00049 .00731	.00016 .00046 .00335 .00201 .00183 .00765 .00047 .00567	.00102 .00104 .00388 .00265 .00281 .01043 .00078 .00729	.00025 .00130 .00524 .02012 .00523 .01961 .00098 .00635	.00027 .00064 .00087 .00278 .00682 .02609 .00202 .00684 .00281	.00033 .00183 .00131 .00197 .00475 .02003 .00140 .00786	.00055 .00071 .00140 .00465 .00276 .00977 .00089 .00534	.00016 .01719 .00326 .00154 .00316 .01085 .00079 .00551	.00022 .00169 .00322 .00566 .00323 .01345 .00086	.00040 .00045 .00058 .00104 .00940 .02734 .00290 .03237 .00547	.00053 .00174 .00096 .00234 .00493 .02396 .00432 .00482 .00332							655 655 655 655 655
.02130 .00677 .01870 .00971 .00279 .03744 .00247 .02110	.03062 .00338 .00831 .00274 .00068 .04878 .00137 .01911	.01950 .00170 .00655 .00247 .00069 .01406 .00121 .01967	.01964 .00264 .00743 .00372 .00080 .02279 .00297 .01770 .00390	.03681 .20324 .01375 .00622 .00119 .03991 .00235 .01917 .00564	.01224 .00730 .02923 .01107 .00329 .08506 .00386 .02382 .00531	.01800 .00575 .01654 .00889 .00206 .06473 .00817 .22149	.01673 .01034 .02030 .00555 .00186 .03120 .00275 .02087 .00433	.01550 .00225 .01176 .00549 .00178 .03036 .00208 .01600 .00577	.01792 .00662 .01447 .00686 .00201 .03170 .00467 .02382	.00643 .00073 .00818 .00405 .00278 .01550 .00115 .01292 .00322	.01594 .00200 .05151 .03839 .01933 .03766 .01354 .02918 .00723							66 68 68 68 68 69 69 70 70
				.05268 .00532 .00366 .01447 .03212 .14817 .21999 .00662		.06990 .00608 .01222 .01516 .02419 .05174 .00625 .00735	.09306 .00486 .00458 .01083 .03857 .06276 .01122 .00652	.07832 .00493 .00376 .01663 .02845 .06140 .00247		.02232 .00143 .00099 .00481 .00648 .02284 .00080 .00316	.05570 .00314 .00338 .01141 .07301 .05155 .00219							71/4 71E 72/4 72E 73/4 73E 73C 73C 74 75
.00900 .00462 .00008 .00520 .00923 .00839	.00797 .00306 .00007 .00809 .00901 .00351	.00667 .00240 .00013 .00429 .01253 .00364	.00870 .00376 .00124 .00432 .00848 .00360	.01006 .09900 .00013 .00913 .00799 .00617	.00931 .01477 .00099 .00323 .01225 .01081	.85550 .00424 .00008 .00270 .01260 .01401	.00989 1.17992 .00053 .00319 .00915 .01097	.00832 .00229 1.02179 .00382 .01236 .00590	.00925 .00872 .00016 1.00682 .01314 .00770	.00614 .00067 .00005 .00092 1.00160 .00694	.01207 .00183 .00008 .00214 .00897 1.01522			1.00000		1.00000		777 77E 78 79
1.73151	1.68485	1.52430	1.46813	1.80247	2.08868	1.89597	1.78416	1.59392	1.77551	1.33821	2.11687			1.00000		1.00000	1.00000 <b>1.00000</b>	85

## SUBJECT GUIDE

VOLUME 77 (1997)

This guide lists articles and sections by subject—giving the title, issue number, and beginning page number.

### General

Customer Satisfaction Report. 9:11. 1998 Release Dates for BEA Estimates. 12:50.

#### **National**

### Corporate profits

Final Estimates. Third Quarter 1996, 1:2; Fourth Quarter 1996, 4:2; First Quarter 1997, 7:2; Second Quarter 1997, 10:2.

Preliminary Estimates. First Quarter 1997, 6:7; Second Quarter 1997, 9:8; Third Quarter 1997, 12:7.

Rates of Return for Domestic Nonfinancial Corporations, 1959-95. 6:8.

#### Fixed capital stock

Improved Estimates of Fixed Reproducible Tangible Wealth, 1929-95. 5:69.

Fixed Reproducible Tangible Wealth in the United States: Revised Estimates for 1993-95 and Summary Estimates for 1925-96. 9:37.

#### Government transactions

Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income: New Estimates for 1995 and Revised Estimates for 1947-94. 11:12.

Federal Budget Estimates, Fiscal Year 1998. 3:8.

Federal Income Tax Liabilities and Payments: Revised and Updated Estimates for 1993-96. 12:17.

Government Sector. Fourth Quarter 1996, 4:3; First Quarter 1997, 6:.11; Second Quarter 1997, 9:8; Third Quarter 1997, 12:8.

## Gross domestic product

Business Situation: Advance Estimates. Fourth Quarter 1996, 2:1; First Quarter 1997, 5:1; Second Quarter 1997, 8:1; Third Quarter 1997, 11:1.

Business Situation: Final Estimates. Third Quarter 1996, 1:1; Fourth Quarter 1996, 4:1; First Quarter 1997, 7:1; Second Quarter 1997, 10:1.

Business Situation: Preliminary Estimates. Fourth Quarter 1996, 3:1; First Quarter 1997, 6:1; Second Quarter 1997, 9:1; Third Quarter 1997, 12:1.

## Gross product by industry

Gross Product by Industry, 1947-96. 11:20.

Note on Alternative Measures of Gross Product by Industry. 11:84.

### Input-output accounts

Benchmark Input-Output Accounts of the U.S. Economy, Make, Use, and Supplementary Tables, 11:36; Requirements Tables, 12:22.

#### Inventories and sales

Real Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade. Third Quarter 1996, 1:4; Fourth Quarter 1996, 4:6; First Quarter 1997, 7:5; Revised Estimates for Fourth Quarter 1992 to Second Quarter 1997, 10:17.

#### Motor vehicles

Motor Vehicles, Model Year 1997. 11:6.

#### National income and product accounts (NIPA's)

Annual Revision of the National Income and Product Accounts: Annual Estimates, 1993-96, and Quarterly Estimates, 1993:1–1997:1. 8:6.

BEA'S Chain Indexes, Time Series, and Measures of Long-Term Economic Growth. 5:58.

Completion of the Comprehensive Revision of the National Income and Product Accounts, 1929-96. 5:6.

The Measurement of Depreciation in the U.S. National Income and Product Accounts. 7:7.

National Income and Product Accounts Tables. 8:36; 9:34; 10:4.

Preview of Revised NIPA Estimates for 1992 From the 1992 I-O Accounts. 12:11.

Revised and Newly Available NIPA Estimates, 1991-95. 5:30.

Summary National Income and Product Series, 1929–96. 5:10; 8:148.

Updated Summary NIPA Methodologies. 9:12.

### International

### Balance of payments

Reconciliation of the U.S.-Canadian Current Account, 1995 and 1996. 11:86.

U.S. International Transactions. Third Quarter 1996, 1:6; Fourth Quarter and Year 1996, 4:18; First Quarter 1997, 7:56; Second Quarter 1997, 10:69.

Revised Estimates for 1974-96, 7:43.

#### Foreign direct investment in the United States

Detail for Historical-Cost Position and Related Capital and Income Flows, 1996. 9:75.

New Investment in 1996 and Affiliate Operations in 1995. 6:42.

#### International services

U.S. International Sales and Purchases of Private Services: U.S. Cross-Border Transactions in 1996 and Sales by Affiliates in 1995. 10:95.

### Investment position

Direct Investment Positions for 1996: Country and Industry Detail. 7:34.

International Investment Position of the United States in 1996. 7:24.

#### U.S. direct investment abroad

Detail for Historical-Cost Position and Related Capital and Income Flows, 1996. 9:119.

Real Gross Product of U.S. Companies' Majority-Owned Foreign Affiliates in Manufacturing. 4:8.

U.S. Intrafirm Trade in Goods. 2:23.

U.S. Multinational Companies: Operations in 1995. 10:44.

## Regional

### Gross state product

Comprehensive Revision of Gross State Product by Industry, 1977–94. 6:15.

#### Personal income

Comprehensive Revision of Local Area Personal Income, 1969–95. 9:48.

Personal Income by State and Region. Third Quarter 1996, 2:7; Fourth Quarter and Year 1996, 5:93; Per Capita Personal Income, 1996, 5:93; First Quarter 1997, 8:168; Second Quarter 1997, 11:100.

State Personal Income. Revised Estimates for 1958–96. 10:24; Errata, 11:116.

## 1998 Release Dates for BEA Estimates

Subject		lease ate*		Subject	Relea Dat		
U.S. International Trade in Goods and Services, November 1997. State Personal Income, 3rd quarter 1997		27	†	Personal Income and Outlays, May 1998 International Investment Position of the United States, 1997.	June June		
Gross Domestic Product, 4th quarter 1997 (advance)		30		U.S. International Trade in Goods and Services,	July	17	†
Personal Income and Outlays, December 1997	Feb. Feb.	2 19	†	May 1998. State Personal Income, 1st quarter 1998	July July	23 31	
Gross Domestic Product, 4th quarter 1997 (preliminary)  Personal Income and Outlays, January 1998		27 2		Personal Income and Outlays, June 1998	Aug. Aug.	3 18	†
Summary of U.S. International Transactions, 4th quarter 1997.	Mar.	12		Gross Domestic Product, 2nd quarter 1998 (preliminary) and Corporate Profits, 2nd quarter 1998 (preliminary).	Aug.	27	
U.S. International Trade in Goods and Services, January 1998.	Mar.	19	†	Personal Income and Outlays, July 1998			
Gross Domestic Product, 4th quarter 1997 (final) and Corporate Profits, 4th quarter 1997.	Mar.	26		Summary of U.S. International Transactions, 2nd quarter 1998.	Sept.		
Personal Income and Outlays, February 1998	Mar.	,		State Per Capita Personal Income, 1997 (revised) U.S. International Trade in Goods and Services,	Sept. Sept.		†
U.S. International Trade in Goods and Services, February 1998.	Apr.	-	Ť	July 1998. Gross Domestic Product, 2nd quarter 1998 (final) and	Sept.	24	
State Personal Income, 4th quarter 1997 and Per Capita Personal Income, 1997 (preliminary).	Apr.			Corporate Profits, 2nd quarter 1998 (revised). Personal Income and Outlays, August 1998	Sept.	25	
Gross Domestic Product, 1st quarter 1998 (advance)	Apr. May	30		U.S. International Trade in Goods and Services, August 1998.	Oct.	20	†
Metropolitan Area Personal Income, 1996 U.S. International Trade in Goods and Services,	May May	4	†	State Personal Income, 2nd quarter 1998			
March 1998.  Gross Domestic Product, 1st quarter 1998 (preliminary) and Corporate Profits, 1st quarter 1998 (preliminary).	May	28		Personal Income and Outlays, September 1998 U.S. International Trade in Goods and Services, September 1998.	Nov. Nov.		†
Personal Income and Outlays, April 1998	May	29		Gross Domestic Product, 3rd quarter 1998 (preliminary) and Corporate Profits, 3rd quarter 1998 (preliminary).	Nov.	24	
Gross State Product, 1993–96	June June	2 10		Personal Income and Outlays, October 1998		-	
U.S. Businesses, 1997. U.S. International Trade in Goods and Services,	June	18	†	Summary of U.S. International Transactions, 3rd quarter 1998. U.S. International Trade in Goods and Services,	Dec.		+
April 1998.  Summary of U.S. International Transactions, 1st quarter 1998.	June	18		October 1998. Gross Domestic Product, 3rd quarter 1998 (final) and	Dec.	,	'
Gross Domestic Product, 1st quarter 1998 (final) and Corporate Profits, 1st quarter 1998 (revised).	June	25		Corporate Profits, 3rd quarter 1998 (revised). Personal Income and Outlays, November 1998			

<sup>\*</sup> These are target dates and are subject to revision.

For further information, call (202) 606–9900, or write to Public Information Office (BE-53), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

<sup>†</sup> Joint release by Bureau of the Census and BEA.

## **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 November 26, 1997 and include the "preliminary" estimates for the third quarter of 1997.

The selected set of NIPA tables shown in this section presents quarterly estimates, which are updated monthly. In most tables, the annual estimates are also shown. Most of the "annual only" NIPA tables were presented in the August 1997 Survey of Current Business; tables 8.20-8.26 were presented in the September 1997 Survey, and the remaining "annual only" tables—tables 3.15-3.20 and 9.1-9.6—were presented in the October 1997 SURVEY.

The selected NIPA tables are available on printouts or diskettes from BEA. To order NIPA subscription products using Visa or MasterCard, call the BEA Order Desk at 1-800-704-0415 (outside the United States, 202-606-9666).

The news release on gross domestic product (GDP) is available at the time of release, and the selected NIPA tables are available later that day, on STAT-USA'S Economic Bulletin Board and Internet services; for information, call STAT-USA on 202-482-1986. In addition, the GDP news release is available the afternoon of the day of the release, and the selected NIPA tables are available about two weeks later (when the SURVEY is sent to the printer), on BEA'S Internet site <a href="http://www.bea.doc.gov">http://www.bea.doc.gov</a>>.

### 1. National Product and Income.

Table 1.1.—Gross Domestic Product

[Billions of dollars]

			S	easonall	y adjuste	ed at an	nual rate	S
	1995	1996		1996			1997	
			II	Ш	IV	1	II	III
Gross domestic product	7,265.4	7,636.0	7,607.7	7,676.0	7,792.9	7,933.6	8,034.3	8,128.8
Personal consumption expenditures	4,957.7	5,207.6	5,189.1	5,227.4	5,308.1	5,405.7	5,432.1	5,530.7
Durable goods Nondurable goods Services	608.5 1,475.8 2,873.4	1,534.7	638.6 1,532.3 3,018.2	1,538.3	638.2 1,560.1 3,109.8	1,587.4	1,578.9	1,601.2
Gross private domestic investment	1,038.2	1,116.5	1,105.4	1,149.2	1,151.1	1,193.6	1,242.0	1,249.8
Fixed investment	1,008.1 723.0 200.6	781.4	769.3	798.6		811.3	836.3	
equipment  Residential  Change in business inventories	522.4 285.1 30.1	566.2 309.2 25.9		313.5		316.2		
Net exports of goods and services	-86.0	-94.8	-93.8	-114.0	-88.6	-98.8	-88.7	-110.2
Exports           Goods           Services           Imports           Goods           Services	818.4 583.9 234.6 904.5 757.5 146.9	870.9 617.5 253.3 965.7 809.0 156.7	613.9 251.1 958.7	609.7 254.0 977.6 820.2	640.5 264.2	656.2 266.0 1,021.0 855.8	690.0 270.3 1,049.0 880.1	691.6 274.3
Government consumption expenditures and gross investment	1,355.5	1,406.7	1,407.0	1,413.5	1,422.3	1,433.1	1,449.0	1,458.6
Federal	509.6 344.6 165.0 846.0	167.3	524.6 357.3 167.3 882.4	354.8 166.8	517.6 350.6 167.0 904.7	343.3	350.6 175.5	525.8 352.2 173.6 932.7

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

Table 1.2.—Real Gross Domestic Product

[Billions of chained (1992) dollars]

[1	SIIIIONS O	CHAILLE	u (1992)	uullaisj				
			S	easonall	y adjuste	ed at ani	nual rate	S
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Gross domestic product	6,742.1	6,928.4	6,926.0	6,943.8	7,017.4	7,101.6	7,159.6	7,217.6
Personal consumption expenditures	4,595.3	4,714.1	4,712.2	4,718.2	4,756.4	4,818.1	4,829.4	4,897.9
Durable goods Nondurable goods Services	583.6 1,412.6 2,599.6	1,432.3	614.8 1,431.6 2,666.5	1,433.9	1,441.2	637.8 1,457.8 2,723.9	1,450.0	655.9 1,465.9 2,777.5
Gross private domestic investment	991.5	1,069.1	1,059.2	1,100.3	1,104.8	1,149.2	1,197.1	1,205.5
Fixed investment	962.1 706.5 179.9	1,041.7 771.7 188.7	759.7	789.3		808.9		
equipment Residential Change in business	528.3 257.0	272.1	277.2	274.1	271.1	273.3	278.2	280.8
inventories  Net exports of goods and	27.3			37.9		63.7		49.5
services	-98.8	-114.4	-112.6	-138.9	-105.6	-126.3	-136.6	-162.9
Exports Goods Services Imports Goods Services	791.2 573.9 218.0 890.1 749.2 141.2	857.0 628.4 229.9 971.5 823.1 149.0	619.2 229.3	623.0 229.4 990.2	666.2 236.8 1,006.6 857.5		725.8 240.8 1,099.1 938.4	244.2 1,135.7 971.5
Government consumption expenditures and gross investment	1,251.9	1,257.9	1,265.1	1,261.5	1,261.8	1,260.5	1,270.1	1,273.6
Federal National defense Nondefense State and local	470.3 322.6 147.5 781.6		147.2	319.4	313.6 145.7	303.9 148.5	309.4 150.2	310.4 148.2
Residual	.6	-1.6	9	-2.4	-3.8	-2.9	-3.9	-5.3

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

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

	1							_
			5	easonall	y adjuste	ed at ani	nuai rate	'S
	1995	1996		1996			1997	
			II	III	IV	- 1	II	III
Gross domestic product	7,265.4	7,636.0	7,607.7	7,676.0	7,792.9	7,933.6	8,034.3	8,128.8
Change in business								8,078.0
inventories	30.1							
Goods	2,667.9	2,785.2	2,782.7	2,797.8	2,826.9	2,904.6	2,936.0	2,956.4
Final salesChange in business	2,637.8	2,759.3	2,759.3	2,760.7	2,795.0	2,838.4	2,854.9	2,905.6
inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	50.9
Durable goods Final sales Change in business			1,232.9 1,214.8					
inventories	29.1	16.9	18.1	33.3	-1.1	31.8	46.8	20.9
Nondurable goods Final sales Change in business			1,549.9 1,544.5					1,629.0 1,599.0
inventories	1.0	9.0	5.3	3.9	33.0	34.3	34.4	30.0
Services	3,980.7	4,187.3	4,162.2	4,208.1	4,282.7	4,338.2	4,400.1	4,465.1
Structures	616.8	663.6	662.8	670.1	683.3	690.8	698.2	707.4
Addenda:  Motor vehicle output  Gross domestic product less	273.5	271.4	283.5	278.7	267.2	281.4	270.4	286.2
motor vehicle output	6,991.9	7,364.7	7,324.2	7,397.3	7,525.8	7,652.2	7,764.0	7,842.6

NOTE.—Percent changes from preceding period for selected items in this table 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	7,265.4	7,636.0	7,607.7	7,676.0	7,792.9	7,933.6	8,034.3	8,128.8
Less: Exports of goods and services	818.4	870.9	865.0	863.7	904.6	922.2	960.3	965.9
Plus: Imports of goods and services	904.5	965.7	958.7	977.6	993.2	1,021.0	1,049.0	1,076.1
Equals: Gross domestic purchases	7,351.4	7,730.9	7,701.5	7,790.0	7,881.5	8,032.4	8,123.1	8,239.1
Less: Change in business inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	50.9
Equals: Final sales to domestic purchasers	7,321.3	7,705.0	7,678.1	7,752.8	7,849.6	7,966.3	8,042.0	8,188.2

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	7,265.4	7,636.0	7,607.7	7,676.0	7,792.9	7,933.6	8,034.3	8,128.8
Business 1	6,074.7	6,401.0	6,377.7	6,434.2	6,543.1	6,666.5	6,755.0	6,836.2
Nonfarm 1				6,341.7				
Nonfarm less housing	5,372.0	5,652.8	5,636.3	5,677.3	5,777.1	5,892.5	5,971.0	6,048.9
Housing	629.2	658.8	652.8	664.4	673.0	680.6	686.8	692.7
Farm	73.5	89.4	88.6	92.5	93.0	93.4	97.1	94.6
Households and institutions	331.8	346.0	343.9	347.9	352.0	357.7	363.6	369.3
Private households	11.8						11.3	
Nonprofit institutions	319.9	334.6	332.3	336.6	341.0	346.6	352.3	357.9
General government 2	858.9	889.0	886.1	893.9	897.8	909.4	915.8	923.4
Federal	275.5	281.4	281.9	282.1	281.1			286.3
State and local	583.4	607.6	604.2	611.8	616.7	623.3	629.6	637.0

<sup>1.</sup> Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nonfarm product equals gross domestic business product less gross farm product.
2. 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 (1992) dollars]

	ن دالاااااا	I Chame	1 (1882)	d (1992) dollars]					
			S	easonally	y adjuste	ed at and	nual rate	:S	
	1995	1996		1996			1997		
			II	III	IV	I	II	III	
Gross domestic product	6,742.1	6,928.4	6,926.0	6,943.8	7,017.4	7,101.6	7,159.6	7,217.6	
Final sales of domestic productChange in business	6,712.7	6,901.0	6,902.3	6,905.0	6,981.7	7,034.1	7,077.7	7,162.1	
inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	49.5	
Residual	2.1	2.4	2.4	.9	2.8	3.8	4.3	6.0	
				2,673.1					
Final sales Change in business inventories	2,545.0 27.3		'	2,634.0 37.9					
Durable goods Final sales Change in business inventories	1	1,222.1 1,205.8	1,227.3 1,210.0	1,244.0 1,211.4	1,228.5 1,230.1	1,277.0 1,245.8	1,327.5 1,281.4	1,342.0 1,321.7	
Nondurable goods Final sales Change in business inventories		1,433.2		1,433.5 1,426.5 6.6	1,442.6	1,496.1 1,458.3	1,476.2 1,437.5	1,450.1	
Services	3,614.7	3,686.6	3,684.9	3,689.0	3,723.9				
Structures	555.0				1 '	1 1	1 1	1 .	
Residual	9	-4.4	-4.4	-6.0	-5.0	-5.2	-7.0	-8.9	
Addenda: Motor vehicle outputGross domestic product less	247.5								
motor vehicle output	6,494.3	6,687.1	6,672.9	6,696.8	6,781.0	6,854.1	6,919.1	6,964.7	

Note.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 business inventories is the difference between gross of domestic product and of change in business inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.

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

## Table 1.6.—Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

[Billions of chained (1992) dollars]

Gross domestic product	6,742.1	6,928.4	6,926.0	6,943.8	7,017.4	7,101.6	7,159.6	7,217.6
Less: Exports of goods and services	791.2	857.0	847.4	851.4	901.1	922.7	962.5	972.7
Plus: Imports of goods and services	890.1	971.5	960.0	990.2	1,006.6	1,048.9	1,099.1	1,135.7
Equals: Gross domestic purchases	6,837.5	7,037.7	7,033.6	7,075.3	7,118.4	7,220.9	7,286.9	7,367.2
Less: Change in business inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	49.5
Equals: Final sales to domestic purchasers	6,808.1	7,010.2	7,009.9	7,036.4	7,082.7	7,153.1	7,204.7	7,311.7

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 items in this table are shown in table 8.1.

#### Table 1.8.—Real Gross Domestic Product by Sector

Gross domestic product	6,742.1	6,928.4	6,926.0	6,943.8	7,017.4	7,101.6	7,159.6	7,217.6
Business 1	5,657.4	5,842.9	5,838.1	5,854.9	5,928.5	6,009.6	6,064.4	6,117.8
Nonfarm 1	5,582.7	5,766.8	5,761.3	5,779.8	5,853.3	5,929.7	5,983.2	6,037.8
Nonfarm less housing						5,335.3		
Housing	577.0	585.7	582.6	588.7	592.3	594.9	595.6	
Farm	74.2	75.5	76.2	74.6	74.7	79.0	80.4	79.3
Households and institutions	305.1	311.2	310.4	312.5	314.4	316.9	319.2	321.7
Private households	10.8							
Nonprofit institutions	294.3	301.1	300.1	302.5	304.8	307.4	309.6	312.0
General government 2	780.3	775.9	778.9	778.1	776.6	777.7	778.8	781.2
Federal	248.1	240.9						
State and local	532.2	535.2	536.3	537.0	537.9	539.9	542.1	545.1
Residual	2	-1.5	-1.3	-1.6	-2.1	-2.7	-3.0	-3.7

Gross domestic business product equals gross domestic product less gross product of households and institutions and of general government. Nonfarm product equals gross domestic business product less gross farm product.
 Equals compensation of general government employees plus general government consumption of fixed capital capture in table 2.9.

<sup>2.</sup> Equals completisation of general government employees plus general government consumption or inted capital as shown in table 3.8.
NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 1.9.—Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income

			S	easonall	y adjuste	ed at an	nual rate	s
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Gross domestic product	7,265.4	7,636.0	7,607.7	7,676.0	7,792.9	7,933.6	8,034.3	8,128.8
Plus: Receipts of factor income from the rest of the world Less: Payments of factor income	222.8	234.3	227.1	235.4	248.8	248.2	261.6	257.1
to the rest of the world	217.5	232.6	224.3	242.3	245.6	262.5	282.3	291.7
Equals: Gross national product	7,270.6	7,637.7	7,610.5	7,669.1	7,796.1	7,919.2	8,013.6	8,094.3
Less: Consumption of fixed capital	796.8 653.0	830.1 682.7	824.1 676.8	835.4 687.7	845.6 697.2	855.0 705.4	863.0 712.3	871.1 719.7
Capital consumption allowances	669.1	709.9	704.9	715.4		736.6	745.9	754.3
Less: Capital consumption adjustment	16.1	27.1	28.0	27.8	28.1	31.2	33.6	34.6
Government General	143.8	147.4	147.2	147.8	148.4	149.6	150.6	151.4
government Government	122.4	125.1	125.1	125.4	125.8	126.8	127.4	128.0
enterprises	21.4	22.3	22.1	22.4	1	22.9	23.3	23.4
Equals: Net national product	6,473.9	6,807.6	6,786.4	6,833.6	6,950.4	7,064.2	7,150.7	7,223.2
Less: Indirect business tax and nontax liability	582.8	604.8	599.0	600.9	625.3	610.2	616.2	625.8
payments	32.2 –28.2	33.6 -59.9	33.5 -50.2	33.8 -79.5	34.2 -59.5	34.4 -64.3	35.0 –73.5	35.1 -101.9
enterprises	25.2	25.4	25.2	24.9	26.0	26.1	26.0	25.8
Equals: National income	5,912.3	6,254.5	6,229.4	6,303.3	6,376.5	6,510.0	6,599.0	6,690.0
Less: Corporate profits with inventory valuation and capital consumption adjustments  Net interest  Contributions for social	650.0 425.1	735.9 425.1	738.5 422.5	739.6 430.9	747.8 430.6		795.1 448.1	816.2 455.1
insurance Wage accruals less	659.1	692.0	688.7	696.8	705.1	719.5	726.9	734.9
disbursements Plus: Personal interest income Personal dividend	13.1 718.9	1.1 735.7	1.1 727.8	1.1 742.7	1.1 749.8	1.2 757.2	1.2 766.1	1.2 775.6
income	251.9	291.2	290.0	292.0	295.2	312.5	318.3	324.5
payments to persons Business transfer	990.0	1,042.0	1,039.0	1,046.3	1,055.1	1,080.5	1,090.0	1,098.7
payments to persons	25.0	26.0	25.9	26.1	26.4	26.7	26.9	27.2
Equals: Personal income	6,150.8	6,495.2	6,461.3	6,541.9	6,618.4	6,746.2	6,829.1	6,908.7
Addenda: Gross domestic income Gross national income Net domestic product	7,298.9	7,697.6	7,657.9 7,660.7 6,783.6	7,748.5	7,855.5	7,983.6	8,087.2	8,196.2

Table 1.10.—Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product

[Billions of chained (1992) dollars]

			s	easonall	y adjuste	ed at ani	nual rate	S
	1995	1996		1996			1997	
			II	III	IV	- 1	Ш	III
Gross domestic product	6,742.1	6,928.4	6,926.0	6,943.8	7,017.4	7,101.6	7,159.6	7,217.6
Plus: Receipts of factor income from the rest of the world Less: Payments of factor income to the rest of the world	207.7			214.8 218.1	226.0 219.8			
to the rest of the world	200.7	210.2	203.7	210.1	219.0	234.0	250.8	258.0
Equals: Gross national product	6,748.7	6,932.0	6,930.1	6,940.2	7,023.1	7,091.8	7,144.4	7,190.5
Less: Consumption of fixed capital Private Government General government Government Hovernment Hove	752.5 619.6 132.9 113.4 19.5	642.4 134.2 114.1	639.1 134.0 114.0	645.7 134.3 114.2	652.2 134.6	662.6 135.0 114.6	671.5 135.3 114.8	680.8 135.6 115.0
Equals: Net national product	5,996.1	6,155.6	6,156.9	6,160.4	6,236.4	6,294.5	6,338.2	6,375.0
	6,768.2 6,774.8 5,989.4	6,986.3	6,975.9	7,012.1	7,076.7	7,149.4	7,210.0	7,281.0

<sup>1.</sup> Gross domestic income deflated by the implicit price deflator for gross domestic product.

Table 1.11.—Command-Basis Real Gross National Product

Gross national product	6,748.7	6,932.0	6,930.1	6,940.2	7,023.1	7,091.8	7,144.4	7,190.5
Less: Exports of goods and services and receipts of factor income from the rest of the								
world  Plus: Command-basis exports of goods and services and	999.7	1,071.7	1,055.8	1,066.8	1,127.6	1,147.3	1,198.9	1,203.8
	1,014.0	1,091.1	1,075.2	1,090.2	1,143.4	1,171.9	1,241.7	1,248.9
Equals: Command-basis gross national product	6,763.0	6,951.4	6,949.5	6,963.6	7,038.9	7,116.4	7,187.2	7,235.6
Addendum: Terms of trade <sup>2</sup>	101.4	101.8	101.8	102.2	101.4	102.1	103.6	103.7

Gross national income deflated by the implicit price deflator for gross national product.
 Gross national income deflated by the implicit price deflator for gross national product.
 NOTE.—Except as noted in footnotes 1 and 2, chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 chaineddollar estimates are usually not additive.

Exports of goods and services and receipts of factor income deflated by the implicit price deflator for imports of goods and services and payments of factor income.
 Ratio of the implicit price deflator for exports of goods and services and receipts of factor income to the corresponding implicit price deflator for imports with the decimal point shifted two places to the right.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 items in this table are shown in table 8.1.

Table 1.14.—National Income by Type of Income

National income   1995   1996   1996   1996   1997   1997   1	6,690.0 4,723.8 3,896.0 667.8 3,228.2 827.8 410.2
National income   5,912.3   6,254.5   6,229.4   6,303.3   6,376.5   6,510.0   6,599.0	6,690.0 4,723.8 3,896.0 667.8 3,228.2 827.8 410.2
National income	6,690.0 4,723.8 3,896.0 667.8 3,228.2 827.8 410.2
Compensation of employees         4,215.4         4,426.9         4,403.9         4,461.0         4,520.7         4,606.3         4,663.4           Wage and salary accruals         3,442.6         3,633.6         3,612.3         3,664.0         3,718.0         3,792.7         3,842.7           Government         2,819.6         623.0         642.6         640.3         645.5         648.9         657.8         662.0           Other         2,819.6         2,991.0         2,972.0         3,018.4         3,069.0         3,134.9         3,180.8           Supplements to wages and salaries         772.9         793.3         791.5         797.0         802.7         813.6         820.7           Employer contributions for social insurance         366.0         385.7         383.6         388.6         393.6         401.3         405.6           Other labor income with inventory valuation and capital consumption adjustments         489.0         520.3         520.0         523.8         528.3         534.6         543.6           Farm         23.4         37.2         36.5         40.1         40.4         40.2         43.6           Proprietors' income with inventory valuation adjustment         31.4         45.0         44.3         47.9	<b>4,723.8</b> 3,896.0 667.8 3,228.2 827.8 410.2
Wage and salary accruals         3,442.6   3,633.6   3,612.3   3,664.0   3,718.0   3,792.7   3,842.7   623.0   642.6   640.3   645.5   648.9   657.8   662.0   624.6   640.3   645.5   648.9   657.8   662.0   624.6   640.3   645.5   648.9   657.8   662.0   3,134.9   3,180.8	3,896.0 667.8 3,228.2 827.8 410.2
Government         623.0 Other         642.6 Other         648.5 Other         648.9 Other         657.8 Other         662.0 Other         648.5 Other         648.5 Other         648.6 Other         648.5 Other         648.6 Other         648.5 Other         648.6 Other	667.8 3,228.2 827.8 410.2
Transplements to wages and salaries   Transplements   Tran	827.8 410.2
T72.9   T73.3   T791.5   T797.0   R02.7   R13.6   R20.7	410.2
socíal insurance Other labor income         366.0         385.7         383.6         388.6         393.6         401.3         405.6           Proprietors' income with inventory valuation and capital consumption adjustments         489.0         520.3         520.0         523.8         528.3         534.6         543.6           Farm         23.4         37.2         36.5         40.1         40.4         40.2         43.6           Proprietors' income with inventory valuation adjustment         31.4         45.0         44.3         47.9         48.1         47.9         51.2           Capital consumption adjustment         7.9         7.8         7.8         7.8         7.8         7.7         7.6	
Proprietors' income with inventory valuation and capital consumption adjustments	
capital consumption adjustments         489.0         520.3         520.0         523.8         528.3         534.6         543.6           Farm         23.4         37.2         36.5         40.1         40.4         40.2         43.6           Proprietors' income with inventory valuation adjustment         31.4         45.0         44.3         47.9         48.1         47.9         51.2           Capital consumption adjustment         -7.9         -7.8         -7.8         -7.8         -7.7         -7.6	
adjustments     489.0     520.3     520.0     523.8     528.3     534.6     543.6       Farm     23.4     37.2     36.5     40.1     40.4     40.2     43.6       Proprietors' income with inventory valuation adjustment     31.4     45.0     44.3     47.9     48.1     47.9     51.2       Capital consumption adjustment     -7.9     -7.8     -7.8     -7.8     -7.8     -7.8     -7.7     -7.6	
Proprietors' income with inventory valuation adjustment	546.7
inventory valuation adjustment	40.5
Capital consumption adjustment	
adjustment7.9 -7.8 -7.8 -7.8 -7.8 -7.7 -7.6	48.0
Nonfarm	-7.5
Proprietors' income	4/0.0
adjustment	.2
adjustment	29.2
Rental income of persons with	
capital consumption adjustment	148.2
Rental income of persons 179.8 193.3 191.0 195.5 197.3 197.9 197.6	197.6
Capital consumption adjustment	-49.4
Corporate profits with	
inventory valuation and capital consumption	
adjustments	816.2
Corporate profits with	
adjustment	
Profits before tax	
Profits after tax	
Dividends	
Undistributed profits   145.0   142.8   146.4   141.8   144.9   140.3   142.3	144.3
Inventory valuation adjustment	4.9
Capital consumption adjustment	
Net interest	455.1
	100.1
Addenda: Corporate profits after tax with inventory valuation and	
capital consumption	
adjustments	558.8
valuation and capital	
consumption adjustments   601.3   654.3   651.1   657.8   674.6   678.9   690.2 Undistributed profits with	697.4
inventory valuation and	
capital consumption adjustments	219.6
Consumption of fixed	
capital	477.8
adjustment	4.9
Equals: Net cash flow	

Table 1.16.—Gross Domestic Product of Corporate Business in Current Dollars and Gross Domestic Product of Nonfinancial Corporate Business in Current and Chained Dollars

ness in Current and C	nained	Dolla	rs					
		[ '	S	Seasonall	y adjuste	ed at and	nual rate	:S
	1995	1996	<u></u>	1996		<u> </u>	1997	
			Ш	III	IV	-1	II	III
				Billions of	of dollars	- 		
Gross domestic product								
of corporate business		1 1	'	4,661.0	'	'	1	1
Consumption of fixed capital	428.9				462.0		1	
Net domestic product Indirect business tax and nontax liability plus	3,919.0	4,1/2.0	4,153.3	4,205.5	4,2/1.∠	4,357.4	4,424.0	4,51υ.ο
business transfer payments less subsidies	439.6	463.9	458.0	460.9	485.0	465.9	474.4	482.5
Domestic income				3,744.6				
Compensation of employees	2 781.1	2 926.7	910.4	2,951.4	2 997.9	3 056.5	3 098.2	3 141.2
Wage and salary		'	'	1			'	-
accruals	2,296.4	2,433.5	2,417.2	2,456.3	2,500.7	2,550.7	2,588.0	2,626.5
Supplements to wages and salaries	484.7	493.2	493.2	495.1	497.3	505.8	510.2	514.7
Corporate profits with		!	!		!	!		
inventory valuation and capital consumption		'	!		!	'		
adjustments	563.2							
Profits before tax Profits tax liability	535.9 213.2					611.0 241.2		
Profits after tax	322.7	351.6	356.8	355.7	346.5	369.8	374.5	394.0
Dividends Undistributed profits	236.9 85.8							
Inventory valuation .			91.0			''''	00.0	შა. 1
adjustment	-24.3	-2.5	-5.4	-2.7	3.3	3.5	5.9	4.9
Capital consumption adjustment	51.6		61.6			67.7	69.4	70.4
Net interest	135.6							
Gross domestic product of financial corporate business	443.2	492.5	488.9	495.2	513.2	525.1	536.1	543.1
Gross domestic product		!	!		!	!		
of nonfinancial corporate business	2 005.3	4 132.4	4 112.9	4,165.8	4 220.1	4 200.7	4 361.1	4 445 5
•	373.4	'	'	1 1	'	'	1	1 '
Consumption of fixed capital								
Net domestic product Indirect business tax and nontax liability plus	3,531.5	3,739.0	3,122.1	3,769.7	3,810.0	3,890.4	3,950.4	4,030.4
business transfer payments less subsidies	399.8							
Domestic income				3,345.9				
Compensation of employees	2 555.5	2 682.9	2 668.6	2,704.7	2 745.3	2 801.9	2 840.1	2 879.5
Wage and salary		'		1			'	'
accruals Supplements to wages	2,107.9	2,228.6	2,214.2	2,248.7	2,287.5	2,335.8	2,370.0	2,405.3
and salaries	447.5	454.4	454.4	456.0	457.8	466.0	470.1	474.2
Corporate profits with inventory valuation and		'	!		!	'		
capital consumption		_!	_ !	'	!	!	1	
adjustments Profits before tax	474.6 438.3							
Profits tax liability	438.3 139.4	154.8	154.1	156.8	159.0			
Profits after tax	298.9	322.4	323.3	326.6	325.5	335.1	339.8	359.0
Dividends Undistributed profits	188.3 110.6							
Inventory valuation .								
adjustment Capital consumption	-24.3	-2.5	-5.4	-2.7	3.3	3.5	5.9	4.9
adjustment	60.5							
Net interest	102.0	88.5	91.2	88.0	81.3	83.9	86.6	88.0
	Billions of chained (1992) dollars							
			Billions	OI CHAIR		,		
			Billions	Or Criairi	1	,		
Gross domestic product			Billions	Or Criain				
Gross domestic product of nonfinancial corporate business <sup>1</sup>	3,719.7			3,913.7				4,146.9
of nonfinancial	357.8	<b>3,887.8</b> 374.4	<b>3,872.4</b> 371.8	3,913.7	<b>3,963.5</b> 381.7	<b>4,022.2</b> 396.0	<b>4,068.9</b> 402.2	408.2

Chained-dollar gross domestic product of nonfinancial corporate business equals the current-dollar product deflated by the implicit price deflator for goods and structures in gross domestic product.
 Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100.
 3. Chained-dollar net domestic 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]

	ĮE	Billions of	dollars					
			S	easonall	y adjuste	ed at an	nual rate	s
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Personal income	6,150.8	6,495.2	6,461.3	6,541.9	6,618.4	6,746.2	6,829.1	6,908.7
Wage and salary disbursements Private industries Goods-producing	<b>3,429.5</b> 2,806.5	<b>3,632.5</b> 2,989.9	<b>3,611.2</b> 2,970.9	<b>3,662.8</b> 3,017.3	<b>3,716.9</b> 3,067.9	<b>3,791.5</b> 3,133.7	<b>3,841.6</b> 3,179.6	<b>3,894.8</b> 3,227.1
industries	864.4 648.4 783.1 1,159.0 623.0	909.1 674.7 823.3 1,257.5 642.6	906.3 674.1 819.2 1,245.3 640.3	917.2 680.1 829.0 1,271.1 645.5	927.8 685.6 840.6 1,299.5 648.9	942.9 694.1 856.8 1,334.1 657.8	952.8 700.3 867.0 1,359.8 662.0	961.2 705.7 879.5 1,386.4 667.8
Other labor income	406.8	407.6	407.9	408.4	409.1	412.3	415.1	417.7
Proprietors' income with inventory valuation and capital consumption adjustments	<b>489.0</b> 23.4 465.5	<b>520.3</b> 37.2 483.1	<b>520.0</b> 36.5 483.5	<b>523.8</b> 40.1 483.7	<b>528.3</b> 40.4 487.9	<b>534.6</b> 40.2 494.4	<b>543.6</b> 43.6 500.0	<b>546.7</b> 40.5 506.2
Rental income of persons with capital consumption adjustment	132.8	146.3	144.6	148.0	149.2	149.0	148.7	148.2
Personal dividend income	251.9	291.2	290.0	292.0	295.2	312.5		324.5
Personal interest income	718.9	735.7	727.8	742.7	749.8	757.2	766.1	775.6
Transfer payments to personsOld-age, survivors,	1,015.0	1,068.0	1,064.8	1,072.4	1,081.5	1,107.2	1,117.0	1,125.9
disability, and health insurance benefits Government unemployment	507.8	537.6	535.4	540.0	545.6	558.9	564.4	569.4
insurance benefits Veterans benefits Government employees	21.4 20.8	22.0 21.6	22.1 21.9	21.3 21.7	21.6 21.4	22.1 22.4	21.9 22.4	21.7 22.5
retirement benefits Other transfer payments Family assistance <sup>1</sup> Other	133.6 331.4 23.3 308.0	142.5 344.2 21.7 322.5	142.2 343.3 22.0 321.3	21.6	145.9 347.0 20.7 326.2	150.4 353.5 19.7 333.8	19.0	154.2 358.1 18.2 339.9
Less: Personal contributions for social insurance	293.1	306.3	305.0	308.2	311.5	318.2	321.3	324.7
Less: Personal tax and nontax payments	795.1	886.9	887.8	897.3	922.6	955.7	979.2	997.0
Equals: Disposable personal income	5,355.7	5,608.3	5,573.5	5,644.6	5,695.8	5,790.5	5,849.9	5,911.7
Less: Personal outlays	5,101.1	5,368.8	5,347.8	5,390.6	5,475.4	5,574.6	5,602.8	5,703.8
Personal consumption expenditures Interest paid by persons Personal transfer payments to	4,957.7 128.5	5,207.6 145.2				5,405.7 151.9	5,432.1 153.1	5,530.7 155.5
the rest of the world (net)	14.8					17.0		
Equals: Personal saving	254.6	239.6	225.7	254.0	220.4	215.9	247.0	207.9
Addenda: Disposable personal income: Total, billions of chained (1992) dollars <sup>2</sup> Per capita:		· ·					5,200.9	
Current dollars	20,349 18,861	19,116		19,161	21,373 19,152	21,689 19,331		22,045 19,522
Personal saving as a percentage of disposable	263.2	265.6	265.3		266.5	267.0	267.5	268.2
personal income	4.8	4.3	4.1	4.5	3.9	3.7	4.2	3.5

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	Seasonally adjusted at annual rates						
	1995	1996		1996			1997					
			II	III	IV	1	II	III				
Personal consumption expenditures	4,957.7	5,207.6	5,189.1	5,227.4	5,308.1	5,405.7	5,432.1	5,530.7				
Durable goods	608.5	634.5	638.6	634.5	638.2	658.4	644.5	667.1				
Motor vehicles and parts Furniture and household	254.8							267.9				
equipment Other	240.2 113.6					263.8 128.9	265.4 126.5	270.2 129.0				
Nondurable goods	1,475.8	1,534.7	1,532.3	1,538.3	1,560.1	1,587.4	1,578.9	1,601.2				
Food	735.1 254.7 114.4 10.2 361.3	122.6 11.6	265.7 125.7	265.7 121.4	266.2 126.0	275.2 128.5	274.8	280.6 123.9				
Services	2,873.4	3,038.4	3,018.2	3,054.6	3,109.8	3,159.9	3,208.7	3,262.3				
Housing	750.3 300.7 119.5 181.2 203.1 772.8 846.5	315.9 125.3 190.6 218.4	317.5 126.7 190.8 216.6 803.3	313.4 122.8 190.6 219.7	321.8 126.8 195.0 224.8 826.9	320.8 124.9 195.9 228.9	326.7 127.2 199.5 233.4 849.6	831.9 329.1 125.5 203.6 237.7 863.3 1,000.4				

## Table 2.3.—Real Personal Consumption Expenditures by Major Type of Product

[Billions of chained (1992) dollars]

4,595.3	4,714.1	4,712.2	4,718.2	4,756.4	4,818.1	4,829.4	4,897.9
583.6	611.1	614.8	611.9	617.1	637.8	629.0	655.9
229.5	231.3	234.2	229.7	228.0	233.4	223.1	238.0
							301.5 121.8
1,412.6	1,432.3	1,431.6	1,433.9	1,441.2	1,457.8	1,450.0	1,465.9
257.5 113.1 10.5	267.7 114.1 10.6	268.4 114.5 10.4	270.8 114.1 10.6	270.0 114.8 10.3	277.1 114.7 9.4	273.8 116.1 10.1	
2,599.6	2,671.0	2,666.5	2,672.8	2,698.2	2,723.9	2,749.8	2,777.5
115.0 167.8 185.2	289.6 117.8 171.7 194.6 688.1	292.0 119.7 172.3 193.8 686.2	285.8 114.8 170.9 195.4 689.8	291.7 117.7 173.9 197.0 697.1	288.0 113.8 174.0 199.3 704.4	294.2 117.8 176.2 200.9 708.8	296.0 116.0 179.7 203.8
-2.9	-5.1	<del>-</del> 5.5	<b>-</b> 5.7	-6.0	-7.7	-7.5	-9.0
	583.6 229.5 248.4 107.2 1,412.6 690.5 257.5 113.1 10.5 341.3 2,599.6 688.2 282.9 115.0 1678.8 185.2 674.9 769.1	583.6 611.1 229.5 231.3 248.4 269.5 113.3 1,412.6 1,432.3 690.5 267.7 113.1 10.5 341.3 351.2 2,599.6 2,671.0 688.2 700.2 282.9 289.6 115.0 117.8 167.8 171.7 185.2 194.6 674.9 688.1 769.1 799.4	583.6         611.1         614.8           229.5         231.3         234.2           248.4         269.5         269.9           107.2         113.3         113.4           1,412.6         1,432.3         1,431.6           690.5         689.7         268.4           113.1         114.1         114.5           10.5         10.6         10.4           341.3         351.2         349.1           2,599.6         2,671.0         2,666.5           688.2         700.2         698.7           282.9         289.6         292.0           115.0         117.8         119.7           167.8         171.7         172.3           185.2         194.6         198.6           674.9         688.1         686.2           769.1         799.4         796.8	583.6         611.1         614.8         611.9           229.5         231.3         234.2         229.7           248.4         269.5         269.9         272.3           107.2         113.3         113.4         113.2           1,412.6         1,432.3         1,431.6         1,433.9           690.5         268.7         268.4         270.8           113.1         114.1         114.5         114.1           10.5         10.6         10.4         10.6           341.3         351.2         349.1         352.5           2,599.6         2,671.0         2,666.5         2,672.8           688.2         700.2         698.7         701.7           282.9         289.6         292.0         285.8           115.0         117.8         119.7         114.8           167.8         171.7         172.3         170.9           185.2         194.6         193.8         195.4           674.9         688.1         686.2         689.8           769.1         799.4         796.8         800.8	583.6         611.1         614.8         611.9         617.1           229.5         231.3         234.2         229.7         228.0           248.4         269.5         269.9         272.3         276.8           107.2         113.3         113.4         113.2         116.3           1,412.6         1,432.3         1,431.6         1,433.9         1,441.2           690.5         268.7         690.3         687.3         689.0           257.5         267.7         268.4         270.8         270.0           113.1         114.1         114.5         114.1         114.8           10.5         10.6         10.4         10.6         10.3           341.3         351.2         349.1         352.5         358.3           2,599.6         2,671.0         2,666.5         2,672.8         2,698.2           288.9         289.0         2892.0         285.8         291.7           115.0         117.8         119.7         114.8         117.7           167.8         171.7         172.3         170.9         173.9           185.2         194.6         139.8         195.4         197.0           <	583.6         611.1         614.8         611.9         617.1         637.8           229.5         231.3         234.2         229.7         228.0         233.4           248.4         269.5         269.9         272.3         276.8         287.4           107.2         113.3         113.4         113.2         116.3         121.4           1,412.6         1,432.3         1,431.6         1,433.9         1,441.2         1,457.8           690.5         268.7         690.3         687.3         689.0         694.6           257.5         267.7         268.4         270.8         270.0         277.1           113.1         114.1         114.5         114.1         114.8         114.7           10.5         10.6         10.4         10.6         10.3         9.4           341.3         351.2         349.1         352.5         358.3         363.7           2,599.6         2,671.0         2,666.5         2,672.8         2,698.2         2,723.9           688.2         700.2         698.7         701.7         704.8         708.3           282.9         289.6         292.0         285.8         291.7         288.0 </td <td>229.5         231.3         234.2         229.7         228.0         233.4         223.1           248.4         269.5         269.9         272.3         276.8         287.4         292.3           107.2         113.3         113.4         113.2         116.3         121.4         119.7           1,412.6         1,432.3         1,431.6         1,433.9         1,441.2         1,457.8         1,450.0           690.5         689.7         690.3         680.8         268.4         270.8         270.0         277.1         273.8           113.1         114.1         114.5         114.1         114.8         114.7         116.1           10.5         10.6         10.4         10.6         10.3         9.4         10.1           341.3         351.2         349.1         352.5         358.3         363.7         363.4           2,599.6         2,671.0         2,666.5         2,672.8         2,698.2         2,723.9         2,749.8           688.2         700.2         698.7         701.7         704.8         708.3         712.0           282.9         289.6         292.0         285.8         291.7         288.0         294.2     </td>	229.5         231.3         234.2         229.7         228.0         233.4         223.1           248.4         269.5         269.9         272.3         276.8         287.4         292.3           107.2         113.3         113.4         113.2         116.3         121.4         119.7           1,412.6         1,432.3         1,431.6         1,433.9         1,441.2         1,457.8         1,450.0           690.5         689.7         690.3         680.8         268.4         270.8         270.0         277.1         273.8           113.1         114.1         114.5         114.1         114.8         114.7         116.1           10.5         10.6         10.4         10.6         10.3         9.4         10.1           341.3         351.2         349.1         352.5         358.3         363.7         363.4           2,599.6         2,671.0         2,666.5         2,672.8         2,698.2         2,723.9         2,749.8           688.2         700.2         698.7         701.7         704.8         708.3         712.0           282.9         289.6         292.0         285.8         291.7         288.0         294.2

Note.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

tures.

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

## 3. Government Receipts, Current Expenditures, and Gross Investment\_

## Table 3.1.—Government Receipts and Current Expenditures

[Billions of dollars]

			S	easonall	y adjuste	ed at an	nual rate	es .
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Receipts	2,250.2	2,412.7	2,407.6	2,426.7	2,479.0	2,526.6	2,566.8	2,615.1
Personal tax and nontax receipts Corporate profits tax accruals Indirect business tax and nontax accruals Contributions for social insurance	795.1 213.2 582.8 659.1	886.9 229.0 604.8 692.0	887.8 232.2 599.0 688.7	897.3 231.6 600.9 696.8	922.6 226.0 625.3 705.1	241.2 610.2	979.2 244.5 616.2 726.9	997.0 257.4 625.8 734.9
Current expenditures	2,321.6	2,417.8	2,404.8	2,423.6	2,455.8	2,477.4	2,498.7	2,516.3
Consumption expenditures	1,142.1	1,182.4	1,180.7	1,189.8	1,197.0	1,209.7	1,221.6	1,231.6
Transfer payments (net) To persons To the rest of the world (net)		1,042.0	1,039.0				1,100.8 1,090.0 10.8	
Net interest paid Interest paid To persons and business To the rest of the world Less: Interest received by government	165.2 314.1 252.8 61.3 148.9	71.3	162.3 314.6 247.3 67.3 152.3	164.4 318.1 244.1 74.0 153.7	168.8 320.7 241.3 79.4 152.0	317.9 233.3 84.6	164.9 319.1 227.9 91.2 154.1	165.0 319.7 226.9 92.8 154.7
Less: Dividends received by government	12.5	13.6	13.6	13.7	14.0	14.3	14.7	14.7
Subsidies less current surplus of government enterprises	25.2 34.0 8.8	25.4 33.5 8.1	25.2 33.3 8.1	24.9 33.5 8.5			26.0 34.6 8.6	25.8 34.7 8.8
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Current surplus or deficit (-), national income and product accounts	-71.4	-5.1	2.8	3.1	23.2	49.2	68.1	98.8
Social insurance funds Other	124.7 -196.0	126.6 -131.7	124.7 -121.9	129.7 -126.6	132.0 -108.8		132.0 -63.9	135.5 -36.7

Social insurance funds ...... Other .....

Table 3.2.—Federal Government Receipts and Current Expenditures

[Billions of dollars] Seasonally adjusted at annual rates 1995 1996 1996 1997 Ш Ш IV 1 Ш Ш 1,463.2 1,587.6 1,740.2 Receipts ..... ,583.8 ,598.6 ,641.6 1,675.3 ,709.3 Personal tax and nontax receipts 605.8 686.7 688.8 695.7 717.5 746.9 767.9 781.1 674.8 Income taxes . 588.7 666.8 668.6 697.2 725.0 Estate and gift taxes ..... 14.9 17.5 17.8 18.4 17.7 19.3 21.1 20.7 Nontaxes ..... 2.2 2.5 2.4 2.5 2.6 2.6 2.6 2.7 Corporate profits tax accruals .... 182.1 194.5 197.2 196.7 192.0 204.9 207.7 218.6 Federal Reserve banks ....... 20.0 177.2 20.4 171.7 21.7 197.0 20.1 20.9 158.7 176.6 184.0 186.5 Indirect business tax and nontax 90.0 110.2 92.2 accruals ..... Excise taxes 58.1 56.4 54.9 55.7 59.6 56.5 59.0 59.0 Customs duties ..... 19.4 19.2 19.5 20.2 15.5 16.8 18.6 20.5 12.7 20.9 12.6 Nontaxes ..... 16.1 20.2 15.6 33.7 13.2 Contributions for social insurance 581.8 610.5 607.8 614.8 622.0 635.3 641.5 648.1 1.637.6 .698.1 .695.4 .698.2 .718.8 .730.8 .746.0 .752.7 Current expenditures ...... Consumption expenditures ....... 443.5 451.5 453.7 454.0 453.6 458.0 464.2 465.0 Transfer payments (net) ..... 720.9 763.5 757.5 761.5 777.3 785.9 791.4 794.6 709.4 747.2 749.7 754.4 775.5 780.5 784.7 746.3 To persons To the rest of the world (net) 11.5 16.3 11.2 11.9 22.9 10.5 10.8 9.9 Grants-in-aid to State and local 211.9 218.3 223.2 218.7 217.5 219.6 222.5 224.2 governments .... 229.8 Net interest paid ..... 224.8 227.1 223.5 226.6 231.8 228.9 230.9 Interest paid ..... 250.0 253 1 250 1 253 4 256 1 253.2 254 4 255 1 To persons and business 188.7 176.7 163.3 162.3 181.8 71.3 182.7 179.5 168.7 To the rest of the world ..... 67.3 79.4 92.8 Less: Interest received by government ...... 25.2 26.0 26.6 26.9 24.3 24.4 24.6 24.2 Subsidies less current surplus of government enterprises ....... Subsidies ..... 33.7 33.1 33.0 33.1 33.4 33.8 34.3 34.3 Less: Current surplus of -4.5 government enterprises ..... -2.7-4.6-4.2-5.1-4.7 -3.9-3.6Less: Wage accruals less disbursements ..... 0 0 0 0 0 0 0 0 Current surplus or deficit (-), national income and product accounts -174.4 -110.5 -111.6 -99.5-77.1-55.5-36.8-12.5

53.3

165.0

-228.6

-165.8

58.2

157.8

60.6

137.7

58.7

-114.2

60.4

-97.2

64.1

-76.6

Table 3.3.—State and Local Government Receipts and Current Expenditures

[Billions of dollars]

			S	easonall	y adjuste	ed at an	nual rate	S		
	1995	1996		1996			1997			
			II	III	IV	I	II	III		
Receipts	999.0	1,043.4	1,046.9	1,046.7	1,054.9	1,070.9	1,080.0	1,099.1		
Personal tax and nontax receipts Income taxes	189.4 140.3 26.7 22.4	200.2 149.1 28.8 22.3	198.9 148.2 28.5 22.2	201.7 150.3 29.1 22.3	205.1 153.1 29.6 22.5	208.7 155.7 30.1 22.9	211.3 157.4 30.7 23.3	215.9 161.1 31.3 23.5		
Corporate profits tax accruals	31.1	34.5	35.0	34.9	34.0	36.4	36.8	38.8		
Indirect business tax and nontax accruals	489.3 239.4 197.4 52.5	508.9 249.8 202.3 56.8	508.9 250.4 201.5 57.1	509.4 249.6 203.0 56.8	515.1 251.9 204.7 58.5	522.0 256.2 206.2 59.6	524.0 255.6 207.8 60.6	533.4 258.6 209.3 65.4		
Contributions for social insurance	77.3	81.4	80.9	82.0	83.1	84.2	85.4	86.8		
Federal grants-in-aid	211.9	218.3	223.2	218.7	217.5	219.6	222.5	224.2		
Current expenditures	895.9	938.0	932.5	944.2	954.5	966.1	975.1	987.9		
Consumption expenditures	698.6	730.9	727.0	735.9	743.3	751.7	757.4	766.6		
Transfer payments to persons	280.6	294.8	292.7	296.6	300.6	305.1	309.5	314.0		
Net interest paid	-59.6 64.1 123.7	-61.7 64.6 126.3	-61.2 64.6 125.7	-62.2 64.6 126.8	-63.0 64.7 127.7	-64.0 64.6 128.6	-64.9 64.6 129.5	-65.9 64.6 130.5		
Less: Dividends received by government	12.5	13.6	13.6	13.7	14.0	14.3	14.7	14.7		
Subsidies less current surplus of government enterprises SubsidiesLess: Current surplus of	-11.2 .3	-12.3 .3	-12.3 .3	-12.4 .3	-12.5 .3	-12.3 .3	-12.2 .3	-12.1 .3		
government enterprises	11.5	12.7	12.7	12.8	12.8	12.7	12.5	12.5		
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0		
Current surplus or deficit (-), national income and product accounts	103.1	105.3	114.4	102.6	100.4	104.7	104.9	111.3		
Social insurance funds Other	70.5 32.5	71.3 34.1	71.3 43.1	71.5 31.1	71.4 28.9	71.3 33.5	71.6 33.3	71.4 39.9		

Table 3.7.—Government Consumption Expenditures and Gross Investment by Type

	- ا	11110113 01	dollarsj					
			S	easonall	y adjuste	ed at an	nual rate	s
	1995	1996		1996			1997	
			=	III	IV	-	II	==
Government consumption expenditures and	4 055 5	4 400 7	4 407 0	4 440 5	4 400 0	4 400 4		4.450.0
gross investment 1					1,422.3			
Federal	509.6	520.0	524.6	521.6	517.6	516.1	526.1	525.8
National defense  Consumption expenditures  Durable goods <sup>2</sup> Nondurable goods  Services  Compensation of  general government  employees, except  force-account	344.6 298.6 21.1 6.3 271.2	352.8 305.7 22.3 7.9 275.6	357.3 307.8 23.7 8.3 275.9	354.8 309.3 24.7 8.5 276.1	350.6 307.6 20.6 7.2 279.8	343.3 306.4 20.6 7.6 278.2	350.6 311.3 21.9 6.8 282.7	352.2 311.7 20.8 7.2 283.7
construction <sup>3</sup> Consumption of	131.5	135.2	135.4	135.9	134.7	136.8	136.1	135.8
general government fixed capital 4 Other services Gross investment Structures Equipment	57.5 82.3 46.0 6.4 39.6	57.3 83.0 47.0 6.8 40.2	57.6 82.8 49.5 7.3 42.2	57.2 83.0 45.5 6.6 38.8	57.1 87.9 42.9 6.6 36.3	57.1 84.3 37.0 6.3 30.7	57.0 89.6 39.3 6.2 33.1	57.0 90.8 40.5 6.2 34.3
Nondefense	165.0	167.3	167.3	166.8	167.0	172.8	175.5	173.6
Consumption expenditures Durable goods 2 Nondurable goods Commodity Credit	144.9 .8 6.5	145.7 .9 5.7	145.9 1.0 5.7	144.6 .7 5.2	146.0 .5 5.6	151.7 .9 6.6	152.9 .8 6.7	153.3 .6 6.7
Corporation inventory change Other nondurables Services Compensation of	2 6.7 137.6	4 6.1 139.2	5 6.2 139.2	5 5.8 138.7	3 5.9 139.9	0 6.6 144.2	2 6.8 145.5	2 6.8 146.1
general government employees, except force-account construction <sup>3</sup> Consumption of	75.8	77.5	77.6	77.6	77.8	80.6	81.4	81.5
general government fixed capital 4 Other services Gross investment Structures Equipment	10.7 51.1 20.1 11.0 9.1	11.2 50.4 21.5 11.3 10.2	11.2 50.5 21.4 11.6 9.9	11.3 49.8 22.1 11.3 10.9	11.4 50.7 21.0 11.4 9.6	11.5 52.0 21.1 11.2 9.9	11.7 52.5 22.6 10.5 12.0	11.8 52.7 20.3 10.7 9.6
State and local  Consumption expenditures  Durable goods 2  Nondurable goods Services  Compensation of general government employees, except	846.0 698.6 14.7 73.0 610.9	886.7 730.9 15.3 78.2 637.5	882.4 727.0 15.2 78.2 633.6	<b>891.9</b> 735.9 15.4 78.3 642.2	904.7 743.3 15.5 80.3 647.6	917.0 751.7 15.6 81.0 655.1	923.0 757.4 15.7 79.9 661.8	<b>932.7</b> 766.6 15.9 80.4 670.3
force-account construction 3 Consumption of general government fixed	525.5	547.2	544.0	551.1	555.4	561.1	566.7	573.7
capital 4	54.2 31.2 147.4 121.0 26.4	56.6 33.7 155.7 128.5 27.3	56.3 33.3 155.3 128.1 27.2	56.8 34.3 156.0 128.6 27.4	57.3 34.9 161.4 133.9 27.4	58.1 36.0 165.2 137.7 27.5	58.7 36.3 165.6 138.0 27.6	59.2 37.4 166.2 138.4 27.7
Addenda:  Compensation of general government employees 3 Federal State and local	736.5 207.3 529.2	763.9 212.8 551.0	761.0 213.1 547.9	768.5 213.5 555.0	772.0 212.6 559.4	782.7 217.5 565.2	788.4 217.5 570.9	795.4 217.5 577.9

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

[Billions of chained (1992) dollars]									
			S	easonall	y adjuste	ed at an	nual rate	S	
	1995	1996		1996			1997		
			Ш	III	IV	- 1	Ш	III	
Government consumption									
expenditures and gross investment 1	1,251.9	1,257.9	1,265.1	1,261.5	1,261.8	1,260.5	1,270.1	1,273.6	
Federal	470.3	464.2	470.7	465.7	459.6	452.8	460.1	458.9	
National defense	322.6	317.8	323.2	319.4	313.6	303.9	309.4	310.4	
Consumption expenditures  Durable goods 2	280.6 20.8	275.5 21.8	278.4 23.0	278.1 24.1	274.4 20.2	270.3 20.0	273.9 21.2	273.6 20.2	
Nondurable goods	6.3	7.2	7.6	7.8	6.2	6.6	6.3	6.9	
Services Compensation of	253.2	246.5	247.8	246.3	247.8	243.5	246.3	246.3	
general government employees, except force-account									
construction 3	122.3	117.2	118.0	117.2	115.4	114.5	113.3	113.0	
Consumption of general government									
fixed capital 4	52.5	51.4	51.6	51.3	51.0	50.8	50.5	50.3	
Other services Gross investment	78.4 42.1	78.0 42.3	78.3 44.9	77.9 41.4	81.6 39.2	78.4 33.5	83.0 35.4	83.6 36.8	
Structures	5.4	5.6	6.0	5.4	5.4	5.0	4.9	4.9	
Equipment	36.5 <b>147.5</b>	36.5 <b>146.1</b>	38.7 <b>147.2</b>	35.8 <b>146.0</b>	33.7 <b>145.7</b>	28.2 <b>148.5</b>	30.3 <b>150.2</b>	31.7 <b>148.2</b>	
Nondefense Consumption expenditures	128.0	125.3	126.5	124.6	125.1	127.7	128.2	128.0	
Durable goods 2 Nondurable goods	1.0 5.8	1.1 5.1	1.2 5.2	1.1 4.7	.9 5.1	1.2 6.0	1.2 6.0	1.0 5.9	
Commodity Credit Corporation									
inventory change Other nondurables	2 6.0	2 5.4	3 5.4	4 5.1	2 5.3	0 6.0	2 6.1	2 6.1	
Services Compensation of	121.3	119.1	120.2	118.9	119.1	120.6	121.1	121.1	
general government									
employees, except force-account									
construction 3	62.9	61.3	62.3	61.7	61.4	61.6	61.9	61.7	
Consumption of general government									
fixed capital 4	10.3	10.8	10.7	10.8	11.0	11.1	11.2	11.3	
Other services Gross investment	48.5 19.4	47.4 21.0	47.5 20.8	46.7 21.6	47.2 20.6	48.3 20.8	48.6 22.2	48.6 20.1	
Structures	10.0 9.4	10.0 11.1	10.2 10.6	10.0 11.9	10.0 10.7	9.8 11.3	9.1 13.8	9.2 11.2	
State and local	781.6	793.7	794.4	795.9	802.3	807.7	810.1	814.7	
Consumption expenditures	646.0	653.6	654.2	655.7	657.8	661.1	664.3	668.6	
Durable goods 2 Nondurable goods	13.9 69.2	14.4 71.5	14.3 71.1	14.5 71.8	14.6 72.5	14.7 73.2	14.8 73.8	14.9 74.4	
Services	563.0	567.9	568.9	569.6	570.9	573.5	576.0	579.5	
Compensation of general government									
employees, except									
force-account construction 3	478.2	479.9	481.1	481.5	482.0	483.5	485.4	488.2	
Consumption of general				10110	102.0	100.0		.00.2	
government fixed capital 4	50.7	52.0	51.9	52.2	52.6	52.9	53.2	53.5	
Other services	35.1	37.4	37.3	37.3	37.9	38.8	39.0	39.6	
Gross investment Structures	135.6 109.5	140.1 112.8	140.2 112.9	140.1 112.6	144.5 116.6	146.6 118.4	145.8 117.2	146.2 117.3	
Equipment	26.1	27.4	27.3	27.6	28.0	28.3	28.6	29.1	
Residual	9	-2.1	-1.6	-2.4	-2.2	-2.1	-3.1	-2.9	
Addenda: Compensation of general									
government employees 3	667.0	661.9	665.0	664.0	662.3	663.2	664.1	666.3	
FederalState and local	185.5 481.6	178.9 483.2	180.7 484.5	179.4 484.9	177.2 485.4	176.5 487.1	175.6 489.0	175.2 491.7	
Otato and local	701.0	<del>-</del> 00.∠	<del>-∪</del> .∪	707.3	700.4	707.1	700.0	701.1	

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 is the difference between the first line and the sum of the most detailed lines, excluding the

Coss 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 force-account construction and related expenditures for goods and services are classified as investment in structures. The compensation of all general government employees is shown in the addenda.

 Compensation of fixed capital or depreciation is included in government consumption as wearditures as a serticular programment of the consumption of fixed capital or depreciation is included in government consumption as wearditures as a serticular programment consumption of fixed and the consumption of the consumption

<sup>4.</sup> 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.

lines in the addenda.
See footnotes to table 3.7.

Table 3.10.—National Defense Consumption Expenditures and Gross Investment

		S	easonally	/ adjuste	ed at ann	ual rate	s
1995	1996		1996			1997	
		II	III	IV	I	II	III
344.6	352.8	357.3	354.8	350.6	343.3	350.6	352.2
298.6	305.7	307.8	309.3	307.6	306.4	311.3	311.7
21.1 8.7 3.1 1.2 1.1 2.5 4.5	9.7 3.2 .9 1.0 2.6 5.0	23.7 10.2 3.2 .9 1.0 2.9 5.5	24.7 10.6 3.8 1.3 1.1 2.9 5.0	20.6 9.2 2.8 .6 .9 2.3 4.8	20.6 9.2 2.8 .7 1.2 2.5 4.1	21.9 10.1 3.1 .7 .9 2.6 4.4	20.8 9.4 3.3 .7 .8 2.6 4.0
6.3	7.9	8.3	8.5	7.2	7.6	6.8	7.2
2.8 1.2 2.4	3.4 1.1 3.4	3.4 1.5 3.4	4.1 1.1 3.3	3.0 .7 3.6	3.1 1.5 3.0	3.0 1.1 2.7	3.0 1.1 3.2
271.2	275.6	275.9	276.1	279.8	278.2	282.7	283.7
131.5 82.1 49.4 57.5 82.3 20.9 27.7 8.3 18.3 4.5 -1.7	135.2 85.8 49.4 57.3 83.0 23.5 27.4 6.3 19.0 4.7 4.3 -2.1	135.4 85.7 49.7 57.6 82.8 22.9 28.2 5.9 18.5 5.0 4.3 -2.0	135.9 86.3 49.5 57.2 83.0 24.2 28.3 5.4 18.8 4.7 4.2 -2.6	134.7 86.2 48.5 57.1 87.9 26.2 26.4 8.0 20.5 4.7 4.1 -1.9	136.8 87.1 49.7 57.1 84.3 25.8 25.9 5.9 20.2 4.5 3.9 -1.8	136.1 86.7 49.4 57.0 89.6 27.5 26.7 6.9 22.4 4.2 3.9 -2.0	135.8 86.8 49.0 57.0 90.8 25.6 28.0 7.7 23.3 4.1 3.7 -1.5
46.0	47.0	49.5	45.5	42.9	37.0	39.3	40.5
6.4	6.8	7.3	6.6	6.6	6.3	6.2	6.2
39.6 9.0 4.6 8.0 .9 3.5 13.5	9.3 4.1 6.8 .9 3.6 15.5	42.2 10.0 4.3 7.2 .9 3.7 16.0	38.8 7.6 4.3 6.6 .9 4.0 15.5	36.3 5.9 3.7 6.3 .8 3.2 16.3	30.7 4.7 2.9 5.6 1.0 3.3 13.2	33.1 4.0 3.4 6.7 1.3 3.4 14.3	34.3 6.8 3.0 6.4 1.3 3.3 13.5
131.5	135.2	135.4	135.9	134.7	136.8	136.1	135.8
	344.6 298.6 21.1 8.7 3.1 1.2.5 4.5 6.3 2.8 1.2 2.4 271.2 131.5 82.1 49.4 271.2 131.5 82.1 49.4 39.6 6.4 39.6 8.0 9.0 3.5 13.5	344.6 352.8 298.6 305.7 21.1 22.3 9.1 1.0 2.5 2.6 4.5 5.0 6.3 7.9 2.8 3.4 1.2 2.4 3.4 271.2 2.4 3.4 271.2 275.6 82.1 85.8 49.4 49.4 57.5 57.3 82.3 83.0 20.9 23.5 27.7 27.4 8.3 6.3 18.3 19.0 4.3 4.7 4.5 4.3 -1.7 -2.1 46.0 47.0 6.4 6.8 39.6 40.2 9.0 9.3 4.6 6.8 39.6 40.2 9.0 9.3 3.5 3.6 13.5 15.5	1995   1996	1995	1995	1995   1996     1996	

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 treating to the incompanion.

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

	sillions of	cnained	1 (1992)	dollarsj				
			S	easonally	/ adjuste	ed at ann	nual rate	S
	1995	1996		1996			1997	
			II	III	IV	I	II	III
National defense consumption expenditures and gross investment <sup>1</sup>	322.6	317.8	323.2	319.4	313.6	303.9	309.4	310.4
Consumption expenditures	280.6	275.5	278.4	278.1	274.4	270.3	273.9	273.6
Durable goods <sup>2</sup> Aircraft Missiles Ships Vehicles Electronics Other durable goods	20.8 8.5 3.4 1.2 1.0 2.5 4.3	21.8 9.3 3.4 .8 .9 2.7 4.6	23.0 9.8 3.5 .8 1.0 3.0 5.0	24.1 10.2 4.0 1.2 1.1 3.0 4.6	20.2 8.9 3.1 .5 .9 2.4 4.4	20.0 8.9 2.9 .7 1.2 2.6 3.8	21.2 9.8 3.1 .7 .9 2.8 4.0	20.2 9.2 3.3 .7 .7 2.8 3.7
Nondurable goods	6.3	7.2	7.6	7.8	6.2	6.6	6.3	6.9
Petroleum products Ammunition Other nondurable goods	3.1 1.1 2.2	3.1 1.0 3.2	3.2 1.2 3.2	3.7 1.0 3.1	2.4 .6 3.4	2.6 1.3 2.8	2.9 .9 2.6	3.1 .9 3.0
Services	253.2	246.5	247.8	246.3	247.8	243.5	246.3	246.3
Compensation of general government employees, except force-account construction <sup>3</sup>	122.3 79.8 42.6 52.5 78.4 20.8 25.5 7.8	117.2 76.9 40.4 51.4 78.0 23.5 24.9 5.7	118.0 77.0 41.1 51.6 78.3 23.1 25.8 5.3	117.2 76.7 40.6 51.3 77.9 24.3 25.6 4.9	115.4 76.1 39.4 51.0 81.6 26.0 23.8 7.1	114.5 75.5 39.0 50.8 78.4 25.7 23.5 5.2	113.3 74.8 38.6 50.5 83.0 27.1 24.2 6.1	113.0 74.9 38.2 50.3 83.6 25.0 25.2 6.7
Personnel support Transportation of	17.4	17.2	16.9	17.0	18.1	17.7	19.8	20.5
material Travel of persons Other	4.1 4.2 –1.6	4.7 4.1 –1.9	4.9 4.2 –1.8	4.6 4.0 –2.3	4.6 3.8 –1.6	4.4 3.6 –1.6	4.1 3.6 –1.7	4.0 3.4 –1.3
Gross investment	42.1	42.3	44.9	41.4	39.2	33.5	35.4	36.8
Structures	5.4	5.6	6.0	5.4	5.4	5.0	4.9	4.9
Equipment Aircraft Missiles Ships Vehicles Electronics Other equipment	36.5 7.2 4.7 7.2 .8 3.9 12.8	36.5 7.1 4.4 6.1 .8 4.4 14.1	38.7 8.1 4.5 6.5 .8 4.6 14.5	35.8 6.4 4.5 5.9 .7 5.0 13.9	33.7 5.0 4.0 5.6 .7 4.2 14.7	28.2 4.0 2.9 4.9 .9 4.3 11.8	30.3 3.3 3.4 5.9 1.1 4.6 12.7	31.7 5.9 2.9 5.6 1.1 4.5 12.0
Residual	.2	6	6	-1.0	9	5	-1.3	8
Addendum: Compensation of general government employees 3	122.3	117.2	118.0	117.2	115.4	114.5	113.3	113.0

Note.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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

<sup>2.</sup> 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 force-account construction and related expenditures for goods and services are classified as investment in structures. 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.

line in the addendum.
See footnotes to table 3.10.

## 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
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Receipts from the rest of the world	1,041.2	1,105.1	1,092.0	1,099.0	1,153.4	1,170.4	1,221.9	1,223.1
Exports of goods and services  Goods <sup>1</sup> Durable  Nondurable  Services <sup>1</sup>	818.4 583.9 394.3 189.6 234.6	617.5 421.2 196.3	613.9 420.4 193.5	609.7 415.8	640.5 438.8 201.6			691.6 485.9 205.7
Receipts of factor income	222.8	234.3	227.1	235.4	248.8	248.2	261.6	257.1
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to the rest of the world	1,041.2	1,105.1	1,092.0	1,099.0	1,153.4	1,170.4	1,221.9	1,223.1
Imports of goods and services  Goods <sup>1</sup> Durable  Nondurable  Services <sup>1</sup>	904.5 757.5 510.3 247.3 146.9	809.0 533.6 275.5	958.7 802.9 529.6 273.4 155.8	820.2 540.3 279.8	834.6 541.3 293.3	855.8 563.4	583.8 296.3	904.5 602.4 302.1
Payments of factor income	217.5	232.6	224.3	242.3	245.6	262.5	282.3	291.7
Transfer payments (net) From persons (net) From government (net) From business	33.6 14.8 11.5 7.3	39.8 15.9 16.3 7.6	34.7 15.8 11.2 7.6	15.9		35.2 17.0 10.5 7.7		
Net foreign investment	-114.4	-132.9	-125.6	-156.4	-132.9	-148.4	-146.0	-180.2

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 4.2.—Real Exports and Imports of Goods and Services and Receipts and Payments of Factor Income

-				-				
			Seasonally adjusted at annual rates					
	1995	1996		1996			1997	
			II	III	IV	ı	II	III
Exports of goods and services Goods 1  Durable  Nondurable  Services 1  Page into of footer income	<b>791.2</b> 573.9 411.2 164.1 218.0 <b>207.7</b>	857.0 628.4 463.3 169.1 229.9 214.2	847.4 619.2 459.1 164.5 229.3 208.1	851.4 623.0 460.8 166.4 229.4 214.8	666.2 494.0 177.0 236.8	176.0 238.9	240.8	732.5 560.2 181.4 244.2
Receipts of factor income  Imports of goods and services Goods <sup>1</sup> Durable Nondurable Services <sup>1</sup>	<b>890.1</b> 749.2 511.7 237.2 141.2	971.5 823.1 569.9 253.5 149.0	960.0 811.7 559.8 251.9 148.8		<b>1,006.6</b> 857.5 596.6	1,048.9 891.3 630.8 263.3	1,099.1 938.4 660.7	1,135.7
Payments of factor income	200.7	210.2	203.7	218.1	219.8	234.0	250.8	258.0

<sup>1.</sup> 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.

ment, are included in services. Beginning man 1000, 1950 at a services.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 4.3.—Exports and Imports of Goods and Services by Type of **Product** 

	[B	illions of	dollars]					
			Se	easonally	/ adjuste	ed at ani	nual rate	S
	1995	1996		1996			1997	
			II	Ш	IV	Ι	П	III
Exports of goods and services	818.4	870.9	865.0	863.7	904.6	922.2	960.3	965.9
Exports of goods 1	583.9	617.5	613.9	609.7	640.5	656.2	690.0	691.6
Foods, feeds, and beverages Industrial supplies and	50.5	55.5	55.0	55.1	55.8	51.1	48.6	49.6
materials	141.3	141.0	138.5	139.5	145.9	147.4	154.0	155.6
Durable goods	49.8	51.0	51.2	51.0	51.9	53.2	55.7	55.5
Nondurable goods Capital goods, except	91.4	90.1	87.3	88.5	94.0	94.3	98.3	100.1
automotive	233.8	253.1	252.6	246.8	265.3	275.9	296.9	298.5
Civilian aircraft, engines,	26.1	30.8	33.3	26.8	36.7	39.6	45.5	36.2
and parts Computers, peripherals,	20.1	30.0	33.3	20.0	30.7	33.0	40.0	30.2
and parts	39.7	43.7	43.4	43.5	43.3	46.3	50.1	52.5
Other Automotive vehicles, engines,	168.0	178.6	175.9	176.5	185.2	190.0	201.3	209.8
and parts	61.8	65.0	64.2	66.2	67.0	70.9	73.4	73.3
Consumer goods, except	64.4	70.1	60.0	69.4	72.9	75.2	78.9	77.0
automotive Durable goods	64.4 32.8	70.1 35.8	69.9 35.7	35.5	37.8	75.3 38.1	41.2	77.0 39.8
Nondurable goods	31.6	34.3	34.3	33.9	35.1	37.2	37.7	37.1
Other  Durable goods	32.1 16.1	32.7 16.3	33.6 16.8	32.7 16.3	33.5 16.8	35.6 17.8	38.2 19.1	37.7 18.8
Nondurable goods	16.1	16.3	16.8	16.3	16.8	17.8	19.1	18.8
Exports of services 1	234.6	253.3	251.1	254.0	264.2	266.0	270.3	274.3
Transfers under U.S. military								
agency sales contracts	12.8	13.5	14.9	12.8	14.9	12.3	14.0 72.6	13.6
Travel Passenger fares	63.4 19.1	69.9 20.6	69.4 19.8	70.6 20.9	72.7 21.1	74.5 21.3	21.2	74.5 21.6
Other transportation	27.4	27.2	27.2	26.9	28.6	28.2	28.8	29.1
Royalties and license fees Other private services	27.4 65.5	30.0 72.2	29.4 71.2	30.0 72.4	30.8 75.2	30.9 77.7	31.9 80.2	31.3 82.1
Other	18.9	19.9	19.2	20.4	20.8	21.0	21.5	22.1
Imports of goods and services	904.5	965.7	958.7	977.6	993.2	1,021.0	1.049.0	1.076.1
Imports of goods 1	757.5	809.0	802.9	820.2	834.6	855.8	880.1	904.5
. •								
Foods, feeds, and beverages Industrial supplies and	33.2	35.7	35.9	35.8	36.7	38.0	40.0	40.5
materials, except petroleum and products	119.9	125.2	123.5	127.1	128.7	130.7	134.3	137.6
Durable goods	59.8	63.1	63.0	64.7	64.9	65.7	69.4	70.2
Nondurable goods	60.1	62.1	60.4	62.4	63.8	65.0	64.9	67.4
Petroleum and products Capital goods, except	56.2	72.7	74.1	76.2	82.2	76.7	71.0	70.1
automotive	221.4	229.0	226.3	227.4	231.4	237.3	251.7	262.2
Civilian aircraft, engines, and parts	10.7	12.7	12.8	13.0	14.0	13.6	15.5	18.8
Computers, peripherals,	10.7	12.7	12.0	10.0	17.0	10.0	10.0	10.0
and parts	56.3	61.5	60.8	61.7	62.8	65.5	70.5	73.6
Other Automotive vehicles, engines,	154.4	154.9	152.8	152.7	154.6	158.2	165.6	169.8
and parts	123.8	128.9	129.1	133.7	128.9	142.2	138.3	143.5
Consumer goods, except automotive	159.9	171.0	167.6	173.2	179.4	181.2	192.0	194.9
Durable goods	83.7	89.3	87.9	91.2	92.4	93.2	98.0	98.6
Nondurable goods	76.2	81.7	79.7	82.0	87.0	88.0 49.6	94.1 52.8	96.2
Other  Durable goods	43.2 21.6	46.4 23.2	46.5 23.2	46.7 23.4	47.2 23.6	49.6 24.8	26.4	55.7 27.9
Nondurable goods	21.6	23.2	23.2	23.4	23.6	24.8	26.4	27.9
Imports of services 1	146.9	156.7	155.8	157.5	158.6	165.2	168.9	171.6
Direct defense expenditures	9.9	10.9	11.0	11.1	10.9	11.2	11.4	11.5
Travel	46.1	48.7	48.4	47.7	49.0	52.3	52.6	53.1
Passenger fares Other transportation	14.4 28.3	15.8 28.5	15.8 29.0	15.7 28.9	16.2 28.7	17.1 29.3	17.2 30.0	17.6 30.2
Royalties and license fees	6.5	7.3	6.7	8.6	7.1	7.6	8.4	8.6
Other private services	35.4	38.9	38.4	38.9	40.0	40.9	42.4	43.8
Other	6.3	6.6	6.5	6.7	6.8	6.8	6.8	6.9
A dalam da .	0.0		Į.					
Addenda: Exports of agricultural goods <sup>2</sup>		61.5	60.3	60.4	61 A	57.3	56.4	58 1
Exports of agricultural goods <sup>2</sup> Exports of nonagricultural	57.2	61.5	60.3	60.4	61.8	57.3	56.4	58.1
Exports of agricultural goods <sup>2</sup> Exports of nonagricultural goods		61.5 556.0	60.3 553.5	60.4 549.3	61.8 578.7	57.3 598.9	56.4 633.5	
Exports of agricultural goods <sup>2</sup> Exports of nonagricultural	57.2							58.1 633.5 834.4

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

[Rillions of chained (1992) dollars]

[Billions of chained (1992) dollars]											
	Seasonally adjusted at annual rates										
	1995	1996		1996			1997				
			II	III	IV	I	II	III			
Exports of goods and services	791.2	857.0	847.4	851.4	901.1	922.7	962.5	972.7			
Exports of goods 1	573.9	628.4	619.2	623.0	666.2	686.2	725.8	732.5			
Foods, feeds, and beverages	44.5	44.0	41.2	42.8	47.2	43.2	40.9	42.7			
Industrial supplies and materials	116.4	121.9	119.9	121.3	126.6	127.6	133.5	134.5			
Durable goods	42.3 74.2	44.8 77.1	44.7 75.3	45.4 76.0	46.3	46.9 80.8	49.1 84.5	48.9			
Nondurable goods Capital goods, except automotive	263.5	310.4	306.6		80.4 337.2	356.1	388.7	85.6 396.2			
Civilian aircraft, engines, and parts	23.8	27.0	29.4	23.3	31.8	33.7	38.7	30.6			
Computers, peripherals, and	00.5	07.0	040	400.0	400.0	400.0	440.5	400.0			
parts Other	66.5 180.7	97.2 203.3	94.0 198.4	100.3 202.4	106.8 217.2	122.3 224.7	142.5 238.7	160.3 249.7			
Automotive vehicles, engines, and	100.7	200.0	100.1		217.2		200.7	210.7			
parts	60.0	62.4	61.6	63.5	64.1	67.6	69.8	69.6			
Consumer goods, except	62.6	67.2	67.1	66.5	60.0	71 0	75.0	72.2			
automotive Durable goods	62.6	67.3 34.9	67.1 34.7	66.5 34.5	69.8 36.8	71.8 36.8	75.2 39.7	73.3 38.4			
Nondurable goods	30.3	32.4	32.4	32.0	33.0	35.0	35.5	34.9			
Other	30.4	31.5	32.1	31.6	33.0	35.1	37.8	37.5			
Durable goods	15.2	15.8	16.0	15.8	16.5	17.6	18.9	18.8			
Nondurable goods	15.2	15.8	16.0	15.8	16.5	17.6	18.9	18.8			
Exports of services 1	218.0	229.9	229.3	229.4	236.8	238.9	240.8	244.2			
Transfers under U.S. military		40.0	40.4		40.5		40.0	40.0			
agency sales contracts	11.6 59.1	12.2 62.6	13.4 62.5	11.6 62.9	13.5 64.4	11.1 65.3	12.6 63.4	12.3 64.9			
Passenger fares	17.4	18.7	18.3	19.1	18.8	20.7	19.4	20.0			
Other transportation	26.6	25.8	25.9	25.4	26.7	26.5	27.2	27.6			
Royalties and license fees	25.5	27.4	26.9	27.3	28.0	28.0	28.8	28.2			
Other private services	61.8	67.0	66.1	67.0	69.3	71.4	73.5	75.1			
Other	16.1	16.3	16.2	16.2	16.2	16.3	16.3	16.4			
Residual	-11.9	-27.7	-25.6	-29.9	-32.4	-42.8	-55.9	-70.1			
Imports of goods and		074 5			4 000 0	4 0 4 0 0	4 000 4	4 405 7			
services	890.1	971.5	960.0				1,099.1				
	890.1 749.2	971.5 823.1	960.0 811.7	990.2 841.7	1,006.6 857.5	1,048.9 891.3	1,099.1 938.4	1,135.7 971.5			
Imports of goods <sup>1</sup>		l									
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials,	<b>749.2</b> 29.3	<b>823.1</b> 32.3	<b>811.7</b> 31.8	<b>841.7</b> 32.5	<b>857.5</b> 33.2	<b>891.3</b> 34.2	<b>938.4</b> 35.3	<b>971.5</b> 36.2			
imports of goods <sup>1</sup>	<b>749.2</b> 29.3 107.9	<b>823.1</b> 32.3 114.2	<b>811.7</b> 31.8 112.7	<b>841.7</b> 32.5 116.9	<b>857.5</b> 33.2 117.7	<b>891.3</b> 34.2 118.3	<b>938.4</b> 35.3 123.3	<b>971.5</b> 36.2 125.5			
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods	<b>749.2</b> 29.3 107.9 53.5	823.1 32.3 114.2 57.3	<b>811.7</b> 31.8 112.7 57.1	<b>841.7</b> 32.5 116.9 58.8	<b>857.5</b> 33.2 117.7 59.1	891.3 34.2 118.3 59.1	938.4 35.3 123.3 61.7	971.5 36.2 125.5 62.2			
imports of goods <sup>1</sup>	<b>749.2</b> 29.3 107.9	<b>823.1</b> 32.3 114.2	<b>811.7</b> 31.8 112.7	<b>841.7</b> 32.5 116.9	<b>857.5</b> 33.2 117.7	<b>891.3</b> 34.2 118.3	<b>938.4</b> 35.3 123.3	<b>971.5</b> 36.2 125.5			
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	749.2 29.3 107.9 53.5 54.3	823.1 32.3 114.2 57.3 56.8	811.7 31.8 112.7 57.1 55.6	841.7 32.5 116.9 58.8 58.1 67.5	<b>857.5</b> 33.2 117.7 59.1 58.5	891.3 34.2 118.3 59.1 59.2	938.4 35.3 123.3 61.7 61.6	971.5 36.2 125.5 62.2 63.3			
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	749.2 29.3 107.9 53.5 54.3 59.3	823.1 32.3 114.2 57.3 56.8 63.8	811.7 31.8 112.7 57.1 55.6 65.9	841.7 32.5 116.9 58.8 58.1 67.5	857.5 33.2 117.7 59.1 58.5 64.0	891.3 34.2 118.3 59.1 59.2 62.2	938.4 35.3 123.3 61.7 61.6 68.1	971.5 36.2 125.5 62.2 63.3 69.0			
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	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2	971.5 36.2 125.5 62.2 63.3 69.0 393.0			
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	749.2 29.3 107.9 53.5 54.3 59.3 246.5	823.1 32.3 114.2 57.3 56.8 63.8 294.5	811.7 31.8 112.7 57.1 55.6 65.9 284.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6	891.3 34.2 118.3 59.1 59.2 62.2 340.3	938.4 35.3 123.3 61.7 61.6 68.1 369.4	971.5 36.2 125.5 62.2 63.3 69.0 393.0			
Imports of goods  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	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6			
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	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1			
Imports of goods  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 Consumer goods, except automotive	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7			
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	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8			
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	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 944.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.99 46.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7			
Imports of goods  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 Durable goods	749.2 29.3 107.9 53.5 54.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2			
Imports of goods  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 Durable goods Nondurable goods Nondurable goods Nondurable goods	749.2 29.3 107.9 53.5 54.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 20.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 97.0 90.5 49.6 24.8 24.8	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2			
Imports of goods ¹ Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2			
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 Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services¹ Direct defense expenditures	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 141.2 9.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 149.0	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 61.9 85.2 11.8	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 149.3 10.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 165.6			
Imports of goods  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 Durable goods Nondurable goods Nondurable goods Nondurable goods  Imports of services  I Direct defense expenditures Industrials	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 20.1 20.1 141.2 43.0	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 10.1 144.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 148.8 10.3 14.7	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 21.8 21.8 149.3 10.3 43.0	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 14.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.9	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 26.2 26.2 165.6			
Imports of goods  Foods, feeds, and beverages	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 141.2 9.1 43.0 13.9	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 21.6 148.8 10.3 44.7 15.0	841.7 32.5 116.9 58.8 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 21.8 343.0 10.3 43.0 15.0	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 10.0 44.7 15.1	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 15.3	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 165.6 11.7 50.7			
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 Urable goods Nondurable goods Direct defense expenditures Travel Passenger fares Other transportation	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 20.1 20.1 141.2 43.0	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 10.1 144.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 148.8 10.3 14.7	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 21.8 21.8 149.3 10.3 43.0	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 14.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.9	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 26.2 26.2 165.6			
Imports of goods  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 Computers, peripherals, and parts Consumer goods, except automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services  Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 20.1 141.2 9.1 43.0 13.9 28.0 6.1 35.4	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 10.1 44.6 6.7 39.2	811.7 31.8 112.7 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6 21.6 21.6 22.6 23.8	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 149.3 10.3 43.0 28.0 7.7 83.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 44.7 15.1 27.4 64.4 40.3	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.2 28.1 6.2 28.2 28.2 28.2 28.2 28.2 28.2 28.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 7.6 42.9	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 165.6 11.7 50.7 15.6 29.3 7.7			
Imports of goods  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 Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services  Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 20.1 20.1 141.2 9.1 43.0 13.9 9.8 9.8 159.3 1	823.1 32.3 114.2 57.3 56.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 21.6 21.6 149.0 14.1 14.1 14.1 14.1 14.1 14.1 14.1 14	811.7 31.8 112.7 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 21.6 21.6 28.2 28.2 28.2 28.2 28.2 29.2 20.2 20.2 20.2 20.2 20.2 20.2 20	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 421.8 21.8 10.3 10.3 43.0 15.0 28.0 7.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 10.0 44.7 15.1 27.4 6.4	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 15.7	938.4 35.3 123.3 61.7 61.6 68.1 1369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 111.2 49.9 15.3 28.9 7.6	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.4 26.2 26.2 165.6 11.7 50.7 15.9			
Imports of goods  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 Computers, peripherals, and parts Consumer goods, except automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services  Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 20.1 141.2 9.1 43.0 13.9 28.0 6.1 35.4	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 10.1 44.6 6.7 39.2	811.7 31.8 112.7 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6 21.6 21.6 22.6 23.8	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 149.3 10.3 43.0 28.0 7.7 83.3	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 44.7 15.1 27.4 64.4 40.3	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.2 28.1 6.2 28.2 28.2 28.2 28.2 28.2 28.2 28.2	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 7.6 42.9	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 165.6 11.7 50.7 15.6 29.3 7.7			
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 Urable goods Nondurable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Nondurable goods Travel Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Residual Addenda:	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 20.1 141.2 9.1 43.0 6.1 35.4 35.9 36.5 9.8 36.5 9.8 36.5 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8 9.8	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 10.1 144.6 6.7 39.2 6.6 6.7	811.7 31.8 112.7 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6 21.6 62.8 62.8 62.8 63.8 66.0	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 149.3 10.3 43.0 15.0 28.0 7.8 36.1	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 10.0 44.7 15.1 27.4 6.4 40.3 6.2	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.3	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 7.6 42.9 6.3	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 165.6 11.7, 50.7 15.6 29.3 7.7, 44.4 6.4			
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 Computers, peripherals, and parts Consumer goods, except automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services  Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Residual Addenda: Exports of agricultural goods  2	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 20.1 141.2 9.1 143.0 135.4 5.9 3.3 40.5 9.3 159	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 0.7 39.2 6.0 -22.2 48.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 21.6 44.7 15.0 28.2 38.6 6.0 0 -19.7	841.7 32.5 116.9 58.8 58.1 57.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 21.8 3.0 15.0 28.0 6.1 -22.4 46.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 14.7 15.1 27.4 6.4 40.3 6.2 -29.1 51.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.3 -37.0 47.7	938.4 35.3 123.3 61.7 61.6 68.1 1369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 15.3 28.9 7.6 42.9 6.3 -47.3	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 26.2 165.6 29.3 7.7 44.4 6.4 -56.3 49.5			
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 Computers, peripherals, and parts Consumer goods, except automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Direct defense expenditures Travel Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Residual Addenda: Exports of agricultural goods Exports of nonagricultural goods	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 20.1 20.1 141.2 9.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 43.0 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 10.1 44.6 6.7 39.2 6.0 -22.2 48.6 581.3	811.7 31.8 112.7 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 76.7 43.2 21.6 21.6 6.2 3.6 6.0 -19.7	841.7 32.5 116.9 58.8 58.1 67.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 21.8 149.3 3.3 3.6 1.1 -22.4 46.8 578.1	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 150.0 10.0 44.7 15.1 27.4 6.2 -29.1 51.7 616.0	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.3 -37.0	938.4 35.3 123.3 61.7 61.6 68.1 369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 7.6 42.6 24.9 15.3 28.9 7.6 42.6 42.6 42.7 49.9 49.7 63.3 47.2 682.8	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 26.2 165.6 11.7 50.7 15.6 29.3 7.7 44.4 6.4 -56.3			
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 Computers, peripherals, and parts Consumer goods, except automotive vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services  Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Residual Addenda: Exports of agricultural goods  2	749.2 29.3 107.9 53.5 54.3 59.3 246.5 9.8 88.7 154.4 114.8 155.1 81.2 73.9 40.2 20.1 20.1 141.2 9.1 143.0 135.4 5.9 3.3 40.5 9.3 159	823.1 32.3 114.2 57.3 56.8 63.8 294.5 11.2 118.3 177.6 118.8 165.3 86.6 78.7 43.2 21.6 21.6 149.0 0.7 39.2 6.0 -22.2 48.6	811.7 31.8 112.7 57.1 55.6 65.9 284.2 11.3 114.4 170.5 119.0 161.9 85.2 21.6 21.6 21.6 44.7 15.0 28.2 38.6 6.0 0 -19.7	841.7 32.5 116.9 58.8 58.1 57.5 298.6 11.4 121.5 179.1 123.1 167.6 88.6 78.9 43.6 21.8 21.8 149.3 10.3 10.3 6.1 -22.4 46.8	857.5 33.2 117.7 59.1 58.5 64.0 319.6 12.2 130.2 191.8 118.7 173.9 90.0 83.9 44.0 22.0 22.0 150.0 14.7 15.1 27.4 6.4 40.3 6.2 -29.1 51.7	891.3 34.2 118.3 59.1 59.2 62.2 340.3 11.7 144.4 202.8 131.0 176.5 91.5 84.9 46.4 23.2 23.2 158.4 11.0 49.1 15.7 28.1 6.3 -37.0 47.7	938.4 35.3 123.3 61.7 61.6 68.1 1369.4 13.2 165.2 214.5 127.6 187.6 97.0 90.5 49.6 24.8 24.8 161.8 11.2 49.9 15.3 28.9 7.6 42.9 6.3 -47.3	971.5 36.2 125.5 62.2 63.3 69.0 393.0 15.9 183.6 221.1 131.8 190.7 98.1 92.6 52.4 26.2 26.2 26.2 165.6 29.3 7.7 44.4 6.4 -56.3 49.5			

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 export of services. The residual line following the detail for imports is the difference between the aggregate "imports of goods and services" and the detailed lines for imports of goods and imports of services. See footnotes to table 4.3.

## 5. Saving and Investment

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

			Seasonally adjusted at annual rates						
	1995	1996		1996			1997		
			II	III	IV	I	II	III	
Gross saving	1,165.5	1,267.8	1,256.3	1,295.9	1,303.0	1,332.9	1,396.9	1,398.6	
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	1,093.1 254.6 172.4 145.0 -24.3 51.6 428.9 224.1 13.1	1,125.5 239.6 202.1 142.8 -2.5 61.8 452.3 230.5	1,106.3 225.7 202.6 146.4 -5.4 61.6 448.5 228.3 1.1	1,145.1 254.0 202.3 141.8 -2.7 63.2 455.5 232.2		211.5 140.3 3.5 67.7	1,178.1 247.0 217.6 142.3 5.9 69.4 472.6 239.7 1.2	207.9 219.6 144.3 4.9 70.4 477.8 241.9	
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	72.4 -103.6 70.9 -174.4 176.0 72.9 103.1	142.3 -39.2 71.2 -110.5 181.5 76.2 105.3	150.0 -40.2 71.4 -111.6 190.2 75.8 114.4	150.8 -28.3 71.2 -99.5 179.1 76.5 102.6	171.6 -5.9 71.3 -77.1 177.5 77.2 100.4	71.4 -55.5 182.9 78.2	218.8 34.7 71.5 -36.8 184.1 79.2 104.9	59.2 71.7 –12.5 191.0 79.7	
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0	
Gross investment	1,137.2	1,207.9	1,206.0	1,216.4	1,243.5	1,268.6	1,323.4	1,296.6	
Gross private domestic investment Gross government investment Net foreign investment	1,038.2 213.4 –114.4			223.6	225.3	223.3		227.0	
Statistical discrepancy	-28.2	-59.9	-50.2	-79.5	-59.5	-64.3	-73.5	-101.9	
Addendum: Gross saving as a percentage of gross national product	16.0	16.6	16.5	16.9	16.7	16.8	17.4	17.3	

Table 5.4.—Private Fixed Investment by Type

[Billions of dollars]

			Seasonally adjusted at annual rates								
	1995	1996		1996			1997				
			II	III	IV	I	II	III			
Private fixed investment	1,008.1	1,090.7	1,082.0	1,112.0	1,119.2	1,127.5	1,160.8	1,198.9			
Nonresidential	723.0	781.4	769.3	798.6	807.2	811.3	836.3	869.6			
Structures Nonresidential buildings,	200.6	215.2	210.6	217.7	227.0	227.4	226.8	230.6			
including farm Utilities Mining exploration, shafts,	143.8 33.2	159.8 33.3				174.0 32.0	172.1 33.7	175.4 33.1			
and wells Other structures	16.3 7.3	16.1 6.2		16.5 6.0		16.1 5.3	15.6 5.5	16.2 5.9			
Producers' durable equipment Information processing and	522.4	566.2	558.7	580.9	580.2	583.9	609.5	639.0			
related equipment Computers and	172.8	195.1	190.9	201.1	200.3	202.8	208.4	220.0			
peripheral equipment <sup>1</sup> OtherIndustrial equipment Transportation and related	65.6 107.2 121.5	78.7 116.3 127.5	114.1	120.3	119.3	121.0	123.9				
equipment Other	125.7 102.4	134.5 109.1	130.8 107.9					159.6 121.8			
Residential	285.1	309.2	312.7	313.5	312.0	316.2	324.6	329.3			
Structures Single family Multifamily Other structures	277.8 145.2 17.9 114.8	<b>301.7</b> 159.1 20.3 122.3	160.2 21.7	162.2 19.2	160.6 20.1	161.0 21.9	162.5 23.0	163.7 22.0			
Producers' durable equipment	7.2	7.5	7.5	7.5	7.6	7.9	7.9	8.0			

<sup>1.</sup> Includes new computers and peripheral equipment only.

Table 5.5.—Real Private Fixed Investment by Type

			S	easonall	y adjuste	ed at ann	nual rate	s
	1995	1996		1996			1997	
			Ш	III	IV	I	II	III
Private fixed investment	962.1	1,041.7	1,035.7	1,060.9	1,068.7	1,079.0	1,111.4	1,148.2
Nonresidential	706.5	771.7	759.7	789.3	8.008	808.9	837.0	872.5
Structures	179.9	188.7	185.6	190.0	196.9	195.9	193.5	195.1
including farm Utilities Mining exploration, shafts,	128.8 30.0	140.0 29.3	137.0 29.1	141.7 28.7	148.4 29.5	150.1 27.5	147.1 28.7	148.6 28.0
and wells Other structures	14.3 6.7	13.9 5.5	13.9 5.4	14.1 5.4	13.8 5.1	13.6 4.6	13.0 4.7	13.4 5.0
Producers' durable equipment Information processing and	528.3	586.0	577.1	602.9	606.7	616.6	649.3	685.3
related equipment	201.8	253.1	244.8	264.3	270.4	281.4	296.9	321.2
peripheral equipment <sup>1</sup> Other Industrial equipment Transportation and related	102.8 107.0 113.4		152.0 114.0 118.8	170.0 120.3 117.6	182.4 119.3 116.9	195.8 121.5 116.8		240.9 131.8 125.7
equipmentOther	118.9 97.0	125.0 100.8	121.8 100.1	129.5 102.8	129.7 102.5	127.5 106.1	136.0 109.1	146.5 111.8
Residential	257.0	272.1	277.2	274.1	271.1	273.3	278.2	280.8
Structures	250.0 126.9 16.9 106.7	265.0 136.6 18.6 110.2	270.0 138.6 20.2 111.7	266.9 138.3 17.5 111.5	263.9 136.2 18.0 110.0	265.9 136.2 19.6 110.5	270.8 136.5 20.4 114.4	273.2 136.6 19.4 117.8
Producers' durable equipment	7.0	7.1	7.2	7.2	7.2	7.4	7.5	7.6
Residual	-14.3	-39.4	-34.1	-43.7	-50.3	-58.2	-70.0	-84.9

Includes new computers and peripheral equipment only.
 NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 5.10.—Change in Business Inventories by Industry

			Sea	sonally	adjuste	ed at ar	nnual ra	ites	
	1995	1996		1996		1997			
			Ш	III	IV	I	II	III	
Change in business inventories	30.1	25.9	23.4	37.1	31.9	66.1	81.1	50.9	
Farm	-7.9	2.9	6.2	5.8	3.2	3.9	6.2	7.7	
Nonfarm	38.1 67.2 –29.2	23.0 28.2 –5.1	17.2 22.0 -4.8	31.3 33.8 –2.4	28.7 32.6 -3.9	62.2 44.5 17.7	74.9 57.5 17.4	43.2 39.4 3.8	
Manufacturing Durable goods Nondurable goods	8.4 5.8 2.6	10.6 10.2 .4	.5 4.7 –4.2	15.3 14.4 .9	13.3 6.8 6.4	22.3 12.9 9.3	30.9 19.1 11.8	17.9 12.7 5.2	
Wholesale trade  Durable goods  Nondurable goods	13.4 11.7 1.7	3.3 2.5 .8	4.8 4.1 .7	-7.7 4.7 -12.4	10.1 -5.5 15.6	24.3 15.4 8.9	26.0 23.5 2.4	15.5 3.9 11.7	
Merchant wholesalers	11.3 10.1 1.2 2.1 1.7	2.4 1.9 .5 .9 .6	3.6 3.1 .5 1.2 1.0	-8.0 4.2 -12.1 .3 .6 3	11.7 -3.2 14.8 -1.6 -2.3	18.9 12.3 6.6 5.4 3.1 2.3	18.4 18.6 2 7.6 4.9 2.7	14.8 4.2 10.7 .7 3 1.0	
Retail trade	9.3 6.9 4.6 2.3 2.4	4.1 1.9 –1.6 3.5 2.3	8.1 9.1 5.3 3.9 –1.1	21.2 14.6 11.9 2.7 6.6	1.1 -3.3 -5.3 2.0 4.4	.6 1.4 –2.9 4.2 –.8	8.3 2.4 -4.0 6.4 5.9	3.3 1.7 -1.3 2.9 1.6	
Other	7.0 4.6 2.3	5.0 2.3 2.6	3.8 .1 3.7	2.5 5 2.9	4.3 .8 3.4	15.2 2.1 13.0	9.8 1.8 8.0	6.4 2.6 3.7	

NOTE.—Estimates for nonfarm industries other than manufacturing and trade for 1986 and earlier periods are based on the 1972 Standard Industrial Classification (SIC). Manufacturing estimates for 1981 and earlier periods and trade estimates for 1966 and and earlier periods are based on the 1972 SIC; later estimates for these industries are based on the 1987 SIC. The resulting discontinuities are small.

Table 5.11.—Real Change in Business Inventories by Industry

[Billions of chained (1992) dollars]

[Dillions of Granted (1992) defials]													
			Seas	sonally	adjuste	ed at an	inual ra	ites					
	1995	1996		1996			1997						
			II	II III		ı	Ш	III					
Change in business inventories	27.3	25.0	21.3	37.9	32.9	63.7	77.6	49.5					
Farm	-9.2	2.6	4.2	6.5	6.4	5.3	7.5	9.2					
Nonfarm	35.7	22.5	17.3	31.6	26.5	58.3	70.1	40.6					
Manufacturing Durable goods Nondurable goods	7.8 5.5 2.3	9.9 9.7 .4	.6 4.6 –3.7	14.3 13.8 .8	12.3 6.6 5.7	20.9 12.3 8.5	29.0 18.2 10.8	16.9 12.1 4.8					
Wholesale trade  Durable goods  Nondurable goods	12.7 11.3 1.5	4.0 2.4 1.6	5.5 3.9 1.7	-5.0 4.5 -9.0	9.4 -5.2 13.9	22.9 14.8 8.1	24.6 22.7 2.3	14.7 3.7 10.7					
Merchant wholesalers	10.6 9.6 1.1 2.1 1.6 .4	3.2 1.8 1.3 .8 .6	4.4 3.0 1.5 1.1 .9	-5.2 3.9 -8.7 .3 .5 2	10.9 -3.0 13.3 -1.5 -2.3 .6	17.8 11.8 6.0 5.1 3.0 2.1	17.5 17.9 1 7.2 4.8 2.5	14.0 4.0 9.7 .7 3 1.0					
Retail trade  Durable goods  Motor vehicle dealers  Other  Nondurable goods	8.8 6.3 4.1 2.2 2.3	4.0 1.7 -1.4 3.3 2.3	7.8 8.3 4.6 3.6 8	20.0 13.3 10.6 2.5 6.5	.9 -3.0 -4.7 1.8 4.1	.6 1.2 –2.5 3.9 –.7	7.7 2.0 -3.7 5.9 5.8	3.1 1.5 -1.1 2.7 1.6					
Other Durable goods Nondurable goods Residual	6.5 4.1 2.3 1.0	4.5 2.1 2.4	3.4 .1 3.4 3	2.3 4 2.8 7	3.9 .7 3.2	13.7 1.8 12.0	8.9 1.5 7.5 –1.0	5.8 2.3 3.5 0					
Residual	1.0	4	3	/	.5	.2	-1.0	U					

NOTE.—Chained (1992) dollar series for real change in business 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. See note to table 5.10.

Table 5.12.—Inventories and Domestic Final Sales of Business by Industry

	S	easonall	y adjust	ed quart	erly total	s
		1996			1997	
	II	III	IV	I	II	III
Inventories 1	1,276.9	1,287.1	1,294.5	1,306.1	1,318.1	1,333.5
Farm	104.3	106.0	102.6	107.2	107.7	108.7
Nonfarm	1,172.6 667.1 505.5	1,181.2 675.6 505.5	1,191.9 675.2 516.7	1,198.9 684.4 514.5	1,210.4 693.2 517.2	1,224.8 697.1 527.8
Manufacturing  Durable goods  Nondurable goods	432.5 268.4 164.0	436.3 271.4 164.9	440.3 273.7 166.6	443.3 277.0 166.3	448.0 280.7 167.3	453.2 283.3 169.9
Wholesale trade	303.2 185.3 117.9	300.3 186.6 113.6	300.8 184.9 116.0	306.2 188.7 117.5	310.8 194.4 116.4	316.1 194.9 121.1
Merchant wholesalers Durable goods Nondurable goods Nonmerchant wholesalers	261.5 160.7 100.8 41.7	257.9 161.9 96.0 42.4	258.6 160.7 97.9 42.3	263.4 163.9 99.5 42.8	266.6 168.4 98.2 44.2	271.4 169.0 102.3 44.7
Durable goodsNondurable goods	24.6 17.1	24.8 17.6	24.1 18.1	24.9 17.9	26.1 18.2	25.9 18.8
Retail trade  Durable goods  Motor vehicle dealers  Other  Nondurable goods	306.0 164.9 82.6 82.4 141.1	312.5 168.8 85.5 83.3 143.6	313.0 167.7 83.9 83.9 145.3	313.3 168.7 83.6 85.1 144.6	313.2 167.7 80.9 86.7 145.6	314.8 168.0 80.6 87.4 146.8
Other  Durable goods  Nondurable goods	130.9 48.5 82.4	132.1 48.7 83.4	137.7 48.9 88.8	136.1 50.0 86.2	138.3 50.5 87.9	140.7 50.8 89.9
Final sales of domestic business <sup>2</sup> Final sales of goods and structures of	529.5	533.1	542.6	550.0	556.2	565.4
domestic business 2  Ratio of inventories to final sales of domestic	285.2	285.9	289.9	294.1	296.1	301.1
business						
Inventories to final sales	2.41 2.21	2.41 2.22	2.39 2.20	2.37 2.18	2.37 2.18	2.36 2.17
structures	4.11	4.13	4.11	4.08	4.09	4.07

<sup>1.</sup> 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 business inventories (CBI) component of GDP. The former is the difference between two inventory stocks, each valued at their 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, CBI is stated at annual rates.

2. 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 includes a small amount of final sales by farm.

Table 5.13.—Real Inventories and Real Domestic Final Sales of Business by Industry

[Dillions of Ghalifed (1332) dollars]												
	s	Seasonall	y adjuste	ed quarte	erly totals	S						
		1996			1997							
	II	III	IV	_	II	III						
Inventories 1	1,191.2	1,200.7	1,208.9	1,224.8	1,244.2	1,256.6						
Farm	99.3	100.9	102.5	103.8	105.7	108.0						
Nonfarm	1,091.4	1,099.3	1,105.9	1,120.5	1,138.0	1,148.2						
Durable goods	626.5	634.3	634.0	641.5	652.5	657.4						
Nondurable goods	464.8		471.7	478.8		490.6						
Manufacturing	403.0	406.6	409.7	414.9	422.1	426.4						
Durable goodsNondurable goods	255.9 147.3	259.3 147.5	260.9 148.9	264.0 151.1	268.6 153.8	271.6 155.0						
Wholesale trade	281.3	280.1	282.4	288.1	294.3	298.0						
Durable goods	178.1	179.2	282.4 177.9	288.1 181.6	187.3	298.0 188.2						
Nondurable goods	103.3		104.6	106.6	107.2	100.2						
Merchant wholesalers	241.4		242.8	247.3	251.7	255.2						
Durable goods	154.1	155.1	154.3	157.3	161.8	162.8						
Nondurable goods	87.5	85.3	88.6	90.1	90.1	92.5						
Nonmerchant wholesalers	39.9	39.9	39.5	40.8	42.6	42.8						
Durable goodsNondurable goods	24.0 15.9	24.2 15.8	23.6 16.0	24.3 16.5	25.5 17.1	25.5 17.3						
Retail trade	287.4	292.4	292.7	292.8	294.7	295.5						
Durable goods	149.8	153.2	292.7 152.4	152.7	153.2	295.5 153.6						
Motor vehicle dealers	73.0	75.7	74.5	73.9	73.0	72.7						
Other	76.9	77.5	78.0	79.0	80.4	81.1						
Nondurable goods	137.3	138.9	140.0	139.8	141.2	141.6						
Other	119.5	120.1	121.1	124.5	126.7	128.2						
Durable goods	42.4	42.3	42.5	42.9	43.3	43.9						
Nondurable goods	77.0	77.7	78.4	81.4	83.3	84.2						
Residual	.6	.5	.7	.7	.4	.4						
Final sales of domestic business 2	484.5	484.7	491.1	495.1	498.5	505.2						
Final sales of goods and structures of domestic business <sup>2</sup>	268.4	268.2	271.8	274.5	275.6	280.1						
Ratio of inventories to final sales of domestic	200.4	200.2	21 1.0	214.5	2/3.0	200.1						
business												
Inventories to final sales	2.46	2.48	2.46	2.47	2.50	2.49						
Nonfarm inventories to final sales	2.25	2.27	2.25	2.26	2.28	2.27						
Nonfarm inventories to final sales of goods and	4.07	4.10	4.07	4 00	1 12	4.10						
structures	4.07	4.10	4.07	4.08	4.13	4.10						

Inventories are as of the end of the quarter. Quarter-to-quarter changes calculated from this table are at quarterly rates, whereas, the change in the business inventories component of GDP is stated at annual rates.
 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 includes a small amount of final sales by farm.

Note: Chained (1000) deliveration of the product less than the product less gross product of households and institutions and of general government and includes a small amount of final sales by farm.

by farm.

NOTE.—Chained (1992) dollar inventory series are calculated as the product of the chain-type quantity index and the average of the end-of-year fixed-weighted inventories for 1991 and 1992, divided by 100. Chained (1992) dollar final sales series are calculated as the product of the chain-type index and the 1992 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

[Billions of dollars]

			S	easonall	y adjuste	ed at ani	nual rate	S
	1995	1996		1996			1997	
			II	III	IV	I	II	III
National income without capital consumption adjustment	5,888.4	6,219.6	6,193.7	6,267.7	6,340.4	6,470.8	6,557.3	6,647.3
Domestic industries	5,883.2	6,217.9	6,190.9	6,274.7	6,337.3	6,485.1	6,578.0	6,681.9
Private industries	5,057.8	5,362.6	5,339.1	5,415.0	5,472.0	5,608.9	5,696.1	5,792.3
Agriculture, forestry, and fishing	88.2 45.0 266.7	105.6 46.9 285.2	104.8 47.8 283.3	109.0 46.9 286.9	109.6 45.0 291.4	110.8 48.2 298.2	49.2	
Manufacturing Durable goods Nondurable goods	1,069.2 608.2 461.0	1,110.1 634.5 475.6	636.2	1,120.8 642.7 478.1	1,122.1 639.4 482.8	1,134.6 651.0 483.6		
Transportation and public utilities	440.7 184.4 128.5 127.8	191.0 135.0	191.3 137.0	194.6 137.0		199.6 135.5	203.0 135.2	
Wholesale tradeRetail tradeFinance, insurance, and real estate	325.4 480.1 1,024.4	503.7 1,095.3	340.0 503.9 1,091.2	506.8 1,111.5	512.3 1,116.5	527.7 1,168.9	533.0 1,185.0	
Services							1,500.1	
Government	825.3							
Rest of the world	5.2	1.7	2.8	-7.0	3.1	-14.3	-20.7	-34.6

### Table 6.16C.—Corporate Profits by Industry

[Billions of dollars]

[Billions of dollars]												
			Sea	sonally	adjuste	ed at ar	nnual ra	ates				
	1995	1996		1996			1997					
			II	III	IV	I	II	III				
Corporate profits with inventory valuation and capital consumption adjustments	650.0	735.9	738.5	739.6	747.8	779.6	795.1	816.2				
Domestic industries	563.2	640.0	645.2	647.8	640.3	682.2	694.4	726.8				
FinancialNonfinancial	88.7 474.6	94.2 545.8	102.4 542.8	94.6 553.3	78.5 561.7	106.8 575.4	107.7 586.7	108.9 617.9				
Rest of the world	86.7	95.9	93.3	91.8	107.5	97.4	100.8	89.4				
Receipts from the rest of the world Less: Payments to the rest of the world	120.2 33.5	132.7 36.7	128.9 35.7	133.4 41.6	142.6 35.0	139.9 42.5	148.3 47.5	141.2 51.8				
Corporate profits with inventory valuation adjustment	598.4	674.1	676.8	676.4	683.4	711.9	725.7	745.8				
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 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 Transportation Communications Electric, gas, and sanitary services Wholesale trade Retail trade Other	511.7 97.6 22.2 75.4 414.1 181.3 85.2 2.0 6.5 12.4 22.0 32.6 86.4 13.3 6.0 32.6 86.4 14.4 26.9 77.6	578.2 103.5 22.0 22.0 22.0 22.0 22.0 22.0 22.0 22	583.5 111.5 20.4.8 98.9 4.4 16.2 25.9 21.7 -1 30.8 36.9 96.0 12.8 36.9 96.0 37.3 46.2 30.8 89.7	584.6 104.0 22.0 22.0 28.0 480.7 210.5 7.0 18.0 25.6 107.7 28.8 31.5 10.0 37.3 91.2 13.7 6 40.6 37.7 50.6 90.6	575.8 88.1 209.7 99.7 5.1 18.1 24.6 29.6 -8.3 30.9 34.2 28.9 90.5 11.9 34.8 44.3 47.4 44.3 91.9	614.5 116.5 22.8 93.7 498.0 208.2 103.3 917.4 24.0 31.4 -1.3 25.9 106.9 28.0 28.8 42.0 31.3 42.0 49.0 55.1 94.2	221.0 111.8 5.6 18.4 27.8 33.3 -3.5 30.2 109.2 28.9 10.3 40.8 89.6 16.4 30.8 42.4 49.5 54.9	656.4 119.0 23.7 95.3 537.4				
Rest of the world	86.7	95.9	93.3	91.8	107.5	97.4	100.8	89.4				

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, 1992=100]

				Se	easonally	nally adjusted							Se	easonally	/ adjuste	ed .	
	1995	1996		1996			1997			1995	1996		1996			1997	
			Ш	III	IV	I	II	III				II	III	IV	1	II	III
Gross domestic product: Current dollars	107.76	122.29 110.95 110.22 110.21	121.83 110.92 109.86 109.84		112.38 111.10	113.73 111.78	114.66 112.27		Exports of goods and services: Current dollars	128.00 123.74 103.44 103.44	136.19 134.03 101.61 101.61	135.27 132.53 102.14 102.07	135.07 133.15 101.47 101.44	100.35	144.30 99.90	150.18 150.53 99.72 99.77	151.06 152.13 99.25 99.30
expenditures: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	108.90 107.89	123.41 111.71 110.47 110.47	111.67 110.13	111.81 110.80	112.72 111.61	114.18 112.21	114.45 112.49	131.07 116.07 112.93 112.92	Exports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	130.13 127.91 101.74 101.74	137.63 140.05 98.27 98.27	136.82 138.00 99.24 99.14	135.89 138.85 97.89 97.86	142.75 148.48 96.06 96.14		153.78 161.76 94.99 95.07	154.15 163.27 94.33 94.41
Durable goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	124.57 119.46 104.27 104.27	129.88 125.09 103.83 103.83	130.72 125.84 103.89 103.88	129.87 125.25 103.72 103.69	130.64 126.32 103.45 103.41	134.77 130.55 103.27 103.24		134.26 101.75	Exports of services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	122.97 114.27 107.61 107.61	132.81 120.51 110.21 110.21	131.64 120.19 109.53 109.53	133.14 120.28 110.70 110.70	138.49 124.14 111.55 111.56	125.27	141.70 126.25 112.23 112.24	143.80 128.01 112.32 112.34
Nondurable goods: Current dollars	106.86 104.48	116.11 108.36 107.15 107.15	107.04	116.38 108.48 107.29 107.28	118.03 109.03 108.26 108.25	110.29 108.90		110.90 109.24	Imports of goods and services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	135.20 133.05 101.62 101.62	144.36 145.22 99.41 99.40	143.32 143.51 99.83 99.87	146.14 148.03 98.76 98.73	148.47 150.48 98.75 98.66	97.42	156.81 164.30 95.52 95.44	160.86 169.77 94.84 94.76
Current dollars	107.89 110.53	126.10 110.86 113.76 113.76	110.67 113.20	126.78 110.93 114.29 114.28	111.99 115.26	113.05 116.02	116.70	115.28 117.47	Imports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	139.04 137.50 101.12 101.12	148.49 151.06 98.30 98.29	147.37 148.97 98.88 98.92	150.53 154.49 97.47 97.44	153.18 157.37 97.42 97.34	163.58 96.11	161.53 172.24 93.87 93.78	166.01 178.30 93.19 93.10
investment: Current dollars Chain-type price index Implicit price deflator	125.44 104.71	141.26 135.26 104.50 104.43	139.85 134.00 104.31 104.36	139.21 104.63	139.77 104.50	145.39 104.23	151.45	152.51 104.01	Imports of services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	118.38 113.82 104.01 104.01	126.23 120.06 105.13 105.13	125.55 119.94 104.68 104.68	126.89 120.29 105.50 105.49	120.90 105.69	133.13 127.64 104.31 104.30	136.09 130.41 104.37 104.36	138.28 133.41 103.66 103.65
Fixed investment:  Current dollars  Chain-type quantity index  Chain-type price index  Implicit price deflator	128.67 122.81 104.78 104.77	139.22 132.97 104.70 104.70	138.11 132.20 104.50 104.47	141.94 135.42 104.85 104.82	142.86 136.41 104.75 104.73	137.73 104.52	148.17 141.86 104.47 104.45	146.56 104.44	Government consumption expenditures and gross investment: Current dollars Chain-type quantity index	107.26 99.06	99.54	100.10	99.83	99.85		100.50	100.78
Nonresidential: Current dollarsChain-type quantity index Chain-type price index Implicit price deflator	129.60 126.65 102.33 102.33	140.07 138.33 101.26 101.26	137.90 136.19 101.29 101.26	143.15 141.48 101.21 101.18	144.69 143.54 100.82 100.80	145.00 100.31	149.90 150.03 99.93 99.91	156.41	Chain-type price index	108.28 108.28 96.51 89.08	111.83 111.83 98.49 87.92		112.07 112.04 98.79 88.21	112.76 112.71 98.03 87.04	113.69 97.75	114.14 114.09 99.64 87.14	114.57 114.52 99.59 86.92
Structures: Current dollars	118.57	127.22	124.47	128.66	134.16	134.40	134.05	136.32	Chain-type price index Implicit price deflator	108.34 108.34	112.03 112.02	111.47 111.46	112.05 111.99	112.74 112.62	114.10	114.46 114.34	114.70 114.57
Chain-type quantity index Chain-type price index Implicit price deflator	106.35 111.49 111.49		109.68 113.50 113.48	114.58	115.30	116.11		115.31 118.26 118.22	National defense: Current dollars Chain-type quantity index Chain-type price index	91.70 85.84 106.83	93.87 84.56 111.02	95.09 86.01 110.58	94.41 85.00 111.16	93.29 83.44 111.94	80.86 113.14	93.29 82.33 113.46	93.74 82.59 113.64
Producers' durable equipment: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	134.40 135.91 98.89 98.89	145.67 150.77 96.62 96.62	143.74 148.48 96.84 96.81	149.45 155.10 96.38 96.36	149.27 156.09 95.65 95.63	150.23 158.63 94.72 94.70		176.30 93.26	Implicit price deflator  Nondefense: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	106.83 108.39 96.88 111.88 111.88	111.02 109.90 96.01 114.47	110.56	111.07	111.80 109.72 95.69 114.72	112.99 113.52	113.31 115.31 98.71 116.87 116.82	113.49 114.05 97.34 117.23 117.17
Residential: Current dollars	113.94 110.93		122.91 112.80	138.97 121.51 114.37 114.36	120.18	121.17 115.68	143.90 123.36 116.65 116.65	124.49 117.28	State and local: Current dollars	114.97 106.23 108.24 108.24	107.88 111.71	119.92 107.97 111.08 111.07		109.04 112.77		125.44 110.10 113.95 113.94	126.77 110.73 114.50 114.48

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.

Table 7.2.—Quantity and Price Indexes for Gross Domestic Product, Final Sales, and Purchases

[Index numbers, 1992=100]

			Se	easonally	/ adjuste	d	
1995	1996		1996			1997	
		II	III	IV	_	II	III
		121.83 110.92 109.86 109.84		112.38	113.73	128.66 114.66 112.27 112.22	130.18 115.59 112.68 112.62
116.00 107.62 107.79 107.79	122.01 110.64 110.28 110.28			111.93 111.17	112.77 111.85	113.47	129.51 114.83 112.79 112.79
117.17 108.98 107.52 107.52	123.22 112.17 109.86 109.85	122.75 112.11 109.50 109.49	124.16 112.77 110.15 110.10	125.62 113.46 110.79 110.72	128.03 115.09 111.32 111.24	129.47 116.14 111.55 111.48	131.32 117.43 111.91 111.83
			123.71 112.28 110.20 110.18			128.32 114.96 111.65 111.62	
101.92	107.01	108.76 107.91	106.72	109.23	110.89	105.91	112.67 106.14 112.11
	116.35 107.97 107.76 107.76 107.76 116.00 107.62 107.79 117.17 108.98 107.52 107.52 116.82 108.63 107.54 106.38 101.92	116.35 122.29 107.97 110.95 107.76 110.22 107.76 110.21 116.00 122.01 107.62 110.64 107.79 110.28 107.79 110.28 117.17 123.22 108.98 112.17 107.52 109.85 107.52 109.85 116.82 122.95 108.63 111.86 107.54 109.91 107.54 109.91 107.54 109.91	II	1995   1996   1996	1995   1996   1996   1996   1   1996   1   1   1   1   1   1   1   1   1	1995   1996   1996	II

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, 1992=100]

Gross national product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	116.23 107.88 107.74 107.73	110.81 110.19	110.78 109.83	110.55	112.27	113.37 111.73	114.21 112.22	114.95
Less: Exports of goods and services and receipts of factor income:  Chain-type quantity index	128.61	137.88	135.83	137.24	145.06	147.60	154.24	154.86
Plus: Command-basis exports of goods and services and receipts of factor income: Chain-type quantity index	130.43	140.35	138.30	140.23	147.07	150.74	159.72	160.64
Equals: Command-basis gross national product: Chain-type quantity index	108.11	111.12	111.09	111.32	112.52	113.76	114.89	115.67

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 1992=100]

	[Index numbers, 1992=100]								
				Se	easonally	/ adjuste	d		
	1995	1996		1996			1997		
			II	III	IV	I	II	III	
Chain-type quantity indexes									
Personal consumption expenditures	108.90	111.71	111.67	111.81	112.72	114.18	114.45	116.07	
Durable goods	119.46	125.09	125.84	125.25	126.32	130.55	128.75	134.26	
Motor vehicles and parts Furniture and household	110.96	111.82	113.23	111.06	110.19	112.83	107.82	115.05	
equipment Other	131.20 116.10	142.35 122.72	142.54 122.87	143.80 122.66	146.18 125.98	151.75 131.48	154.35 129.70	159.23 132.00	
Nondurable goods	106.86	108.36	108.30	108.48	109.03	110.29	109.70	110.90	
Food Clothing and shoes Gasoline and oil Fuel oil and coal Other	104.63 114.19 106.12 96.27 107.06	104.51 118.70 107.02 97.19 110.16	104.59 118.99 107.43 95.34 109.50	104.14 120.09 107.01 96.86 110.55	104.39 119.73 107.69 94.75 112.37	105.25 122.88 107.56 86.25 114.07	104.28 121.39 108.95 92.53 113.98	104.50 124.80 109.38 95.46 116.02	
Services	107.89	110.86	110.67	110.93	111.99	113.05	114.13	115.28	
Housing Household operation Electricity and gas Other household operation Transportation Medical care Other	106.40 113.97 107.93 118.44 117.16 104.38 108.37	108.25 116.65 110.55 121.17 123.11 106.42 112.64	108.02 117.64 112.32 121.60 122.64 106.11 112.27	108.48 115.15 107.74 120.61 123.64 106.67 112.84	108.97 117.51 110.47 122.71 124.64 107.81 113.91	109.52 116.02 106.82 122.79 126.10 108.93 116.15	110.09 118.51 110.55 124.38 127.14 109.61 117.59	110.64 119.26 108.89 126.86 128.96 110.79 119.22	
Chain-type price indexes									
Personal consumption expenditures	107.89	110.47	110.13	110.80	111.61	112.21	112.49	112.93	
Durable goods	104.27	103.83	103.89	103.72	103.45	103.27	102.50	101.75	
Motor vehicles and parts Furniture and household equipment Other	110.99 96.67 106.04	93.71 106.48	94.04 106.53	93.38 106.26	92.50 106.14	91.84 106.22	90.84 105.64	112.55 89.68 105.85	
Nondurable goods	104.48	107.15	107.04	107.29	108.26	108.90	108.89	109.24	
Food	106.46 98.90 101.16 97.23 105.86 <b>110.53</b>	109.63 98.75 107.44 108.92 108.22 <b>113.76</b>	108.98 99.00 109.77 108.68 108.09 <b>113.20</b>	110.20 98.08 106.47 105.69 108.57	111.27 98.56 109.83 116.17 108.67	111.65 99.29 112.13 116.49 109.21 <b>116.02</b>	112.09 100.37 104.77 108.78 110.08	113.02 99.68 106.32 104.55 109.87	
Housing	109.02 106.28 103.92 107.97 109.68 114.50 110.07	112.43 109.08 106.35 111.01 112.22 117.43 113.69	112.00 108.73 105.87 110.75 111.76 117.07 112.76	112.85 109.63 106.92 111.55 112.43 117.72 114.63	113.60 110.32 107.73 112.16 114.15 118.62 115.76	114.42 111.37 109.66 112.63 114.88 119.41 116.33	115.34 111.05 107.98 113.21 116.14 119.88 117.20	116.25 111.16 108.16 113.28 116.61 120.52 118.25	
Price indexes for personal consumption expenditures: Food	106.46 102.30 108.54	109.63 106.96 110.88	108.98 107.82 110.52	110.20 106.63 111.21	111.27 109.07 111.87	111.65 111.11 112.41	112.09 106.47 112.97	113.02 107.12 113.32	

<sup>1.</sup> Consists of prices for gasoline and oil, fuel oil and coal, and electricity and gas.

Table 7.6.—Chain-Type Quantity and Price Indexes for Private Fixed Investment by Type

[Index numbers, 1992=100]

	[muex numbers, 1992–100]							
				S	easonally	/ adjuste	ed	
	1995	1996		1996			1997	
			=	III	IV	-	II	III
Chain-type quantity indexes								
Private fixed investment	122.81	132.97	132.20	135.42	136.41	137.73	141.86	146.56
Nonresidential	126.65	138.33	136.19	141.48	143.54	145.00	150.03	156.41
Structures	106.35	111.51	109.68	112.32	116.40	115.79	114.39	115.31
Nonresidential buildings,								
including farm Utilities	113.81 86.99	123.67 84.83	121.08 84.43	125.22 83.23	131.15 85.66	132.58 79.80	129.98 83.07	131.29 81.10
Mining exploration, shafts, and wells	107.86	104.18	104.36	106.20	103.54	102.45	97.40	100.82
Other structures	81.72	66.68	66.10	65.30	61.90	55.98	57.50	61.22
Producers' durable						.=		
equipmentInformation processing and	135.91	150.77	148.48	155.10	156.09	158.63	167.05	176.30
related equipment	150.40	188.61	182.43	196.97	201.54	209.70	221.31	239.41
Computers and peripheral equipment <sup>1</sup>	233.89	365.81	345.83	386.78	414.95	445.54	491.73	548.19
OtherIndustrial equipment	118.57 126.96	128.90 131.01	126.35 133.01	133.29 131.64	132.21 130.91	134.66 130.81	137.85 138.25	146.13 140.70
Transportation and related								
equipment Other	137.98 122.68	145.10 127.58	141.33 126.68	150.25 130.11	150.54 129.66	147.92 134.23	157.79 138.07	170.04 141.49
Residential	113.94	120.64	122.91	121.51	120.18	121.17	123.36	124.49
Structures	113.91	120.71	123.01	121.59	120.21	121.13	123.35	124.47
Single family	108.94	117.22 142.27	118.96 153.96	118.73 133.41	116.95 137.49	116.95 149.84		117.28 147.98
Multifamily Other structures	129.13 118.66		124.26		122.33	122.86	156.03 127.25	130.99
Producers' durable equipment	115.09	118.12	119.04	118.83	119.28	122.83	123.91	125.62
Chain-type price indexes								
Private fixed investment	104.78	104.70	104.50	104.85	104.75	104.52	104.47	104.44
Nonresidential	102.33	101.26	101.29	101.21	100.82	100.31	99.93	99.69
Structures	111.49	114.09	113.50	114.58	115.30	116.11	117.23	118.26
Nonresidential buildings,								
including farm Utilities	111.62 110.79	114.14 113.70	113.52 113.07	114.72 113.75	115.38 115.29	116.02 116.17	117.03 117.45	118.10 118.41
Mining exploration, shafts,								
and wells Other structures	113.66 108.30	115.89 112.33	115.59 111.93	116.56 112.46	116.21 113.43	118.47 114.82	120.25 116.51	121.25 116.95
Producers' durable								
equipment Information processing and	98.89	96.62	96.84	96.38	95.65	94.72	93.88	93.26
related equipment Computers and	85.64	77.09	77.91	76.06	74.05	72.06	70.16	68.47
peripheral equipment 1	63.84	48.98	50.11	47.21	44.10	41.47	38.81	36.39
OtherIndustrial equipment	100.21 107.12	100.04 108.96	100.10 108.75	100.02 109.06	100.07 109.41	99.65 109.34	99.67 109.23	99.95 109.46
Transportation and related								
equipment Other	105.71 105.64		107.40 107.74	108.18 108.46	108.03 109.20			108.97 108.95
Residential	110.93	113.64	112.80	114.37	115.10	115.68	116.65	117.28
Structures	111.12					115.94		
Single family Multifamily	114.40 105.80	116.50 109.10		117.27 110.17	117.84 111.69	118.15 111.87	119.05 112.73	119.78 113.42
Other structures	107.56			111.68				
Producers' durable equipment	103.91	104.84	104.22	104.94	105.59	106.27	105.27	104.89
-								

<sup>1.</sup> Includes new computers and peripheral equipment only.

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

[Index numbers, 1992=100]

				Se	easonally	, adjuste	d			
	1995	1996		1996			1997			
			II	III	IV	- 1	II	III		
Chain-type quantity indexes										
Exports of goods and services Goods <sup>1</sup> Durable Nondurable Services <sup>1</sup>	123.74 127.91 136.66 111.02 114.27	134.03 140.05 153.97 114.40 120.51	132.53 138.00 152.58 111.30 120.19	133.15 138.85 153.17 112.57 120.28	140.92 148.48 164.19 119.77 124.14	144.30 152.94 171.81 119.12 125.27	<b>150.53</b> 161.76 184.74 121.23 126.25	<b>152.13</b> 163.27 186.20 122.76 128.01		
Receipts of factor income	150.59	155.36	150.91	155.79	163.87	162.90	171.33	167.89		
Imports of goods and services Goods <sup>1</sup> Durable  Nondurable Services <sup>1</sup>	133.05 137.50 147.71 119.57 113.82	145.22 151.06 164.50 127.78 120.06	143.51 148.97 161.60 126.96 119.94	148.03 154.49 168.17 130.74 120.29	150.48 157.37 172.22 131.83 120.90	163.58 182.08	164.30 172.24 190.72 141.15 130.41	169.77 178.30 198.48 144.61 133.41		
Payments of factor income	158.25	165.78	160.60	171.97	173.34	184.53	197.73	203.44		
Chain-type price indexes										
Exports of goods and services Goods <sup>1</sup> Durable Nondurable Services <sup>1</sup>	103.44 101.74 95.89 115.55 107.61	98.27 90.93 116.09 110.21	99.24 91.57 117.87 109.53	97.89 90.21 116.61 110.70	96.06 88.77 113.78 111.55	99.90 95.55 88.13 113.67 111.29	99.72 94.99 87.43 113.55 112.23	99.25 94.33 86.68 113.23 112.32		
Receipts of factor income	107.28	109.36	109.11	109.56	110.08	110.49	110.73	111.08		
Imports of goods and services Goods   Durable Nondurable Services   Payments of factor income	101.62 101.12 99.71 104.24 104.01 108.39	99.41 98.30 93.63 108.65 105.13 110.63	99.83 98.88 94.54 108.49 104.68 110.14	98.76 97.47 92.74 107.94 105.50 111.14	98.75 97.42 90.73 112.34 105.69 111.81	97.42         95.52         94.           96.11         93.87         93.           89.31         88.36         87.           111.27         105.99         105.           104.31         104.37         103.				

Exports and imports of certain goods, primarily military equipment purchased and sold by the Federal Government, are included in services. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

Table 7.10.—Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Major Type of Product [Index numbers, 1992=100]

							Įiiiū	OX HUILIDO	rs, 1992=100]								
				Se	easonally	, adjuste	d						Se	easonally	y adjuste	ed	
	1995	1996		1996			1997			1995	1996		1996			1997	
			II	III	IV	I	II	III				II	III	IV	I	II	III
Chain-type quantity indexes									Chain-type price indexes								
Exports of goods and	400.74	404.00	400 50	400.45	4 40 00	444.00	450.50	450.40	Exports of goods and	400.44	404.04	400 44	404 47	400.05		00.70	00.05
services	123.74			133.15					services	103.44		102.14	101.47	100.35	99.90	99.72	99.25
Exports of goods 1	127.91	140.05				152.94			Exports of goods 1	101.74	98.27	99.24	97.89	96.06	95.55	94.99	94.33
Foods, feeds, and beverages Industrial supplies and materials	110.26		102.23	106.22 115.44			101.39		Foods, feeds, and beverages Industrial supplies and materials	113.49	126.27 115.72	133.86 115.62	128.50	117.48 115.29		117.98 115.36	
Durable goods	114.81	121.61	121.24	123.20	125.69	127.44	133.28	132.86	Durable goods	117.82	113.74	114.56	112.30	112.12	113.19	113.30	113.38
Nondurable goods Capital goods, except	108.73					118.39			Nondurable goods Capital goods, except	123.27	116.78					116.48	75.26
automotive Civilian aircraft, engines, and parts	149.65	176.29 71.59	174.12 77.89	61.81	191.52 84.26		220.74 102.57	80.98	automotive Civilian aircraft, engines, and parts	88.73 109.60	81.56 114.01	82.36 113.35	80.68 114.97	78.60 115.70		76.31 117.63	118.76
Computers, peripherals, and									Computers, peripherals, and								
parts Other	231.13 164.91	337.98 185.57	326.95 181.01	348.56 184.71	371.25 198.17	425.35	495.59 217.82	557.48	parts Other	59.65 92.97	44.97 87.85	45.84 88.68	43.23 87.16	40.46 85.25	37.77 84.49	35.06 84.28	32.63 83.95
Automotive vehicles, engines,	104.51	100.01	101.01	104.71	130.17	203.00	217.02	221.31	Automotive vehicles, engines,	32.31	07.00	00.00	07.10	00.20	04.43	04.20	03.33
and partsConsumer goods, except	127.48						148.52		and parts Consumer goods, except	103.13		104.13					
automotive Durable goods	121.74 121.60		130.46 130.61	129.26 129.81	135.65 138.38		146.32 149.53		automotive Durable goods		104.27 102.71	104.25 102.75	104.39 102.86			104.86 103.75	
Nondurable goods	121.88	130.37		128.68	132.80	140.75	142.95	140.28	Nondurable goods	104.40	105.95	105.87	106.05	106.27		106.05	
Other	105.54 105.54				114.59 114.60		131.33 131.33		Other	105.79 105.79		104.52 104.56	103.38			101.12 101.17	
Durable goods Nondurable goods	105.54	109.60 109.60			114.50		131.33		Durable goods Nondurable goods	105.79		104.56	103.42 103.42	101.65 101.65		101.17	100.42
Exports of services 1	114.27	120.51	120.19	120.28	124.14	125.27	126.25	128.01	Exports of services 1	107.61	110.21	109.53	110.70	111.55	111.29	112.23	112.32
Transfers under U.S. military									Transfers under U.S. military								
agency sales contracts	106.35					101.68			agency sales contracts		111.29					110.84	
Travel Passenger fares	108.03 104.80			114.82	117.69	119.26 124.53	115.75	120.24	Travel Passenger fares		111.60 109.86	111.07 108.14	112.38 109.73			114.62 109.52	
Other transportation	112.34	108.78	109.20	107.32	112.55	111.72	114.98	116.51	Other transportation	102.99	105.61	105.23	105.69	107.16	106.69	105.73	105.52
Royalties and license fees Other private services	127.45 123.89	136.87 134.38		136.63 134.48			143.74 147.40	140.86 150.62	Royalties and license fees Other private services	107.34 106.08	109.41 107.81	109.17 107.68	109.62 107.95	110.14 108.43		110.79 109.16	
Other	107.56				108.73		109.45		Other		122.10	118.51	126.05				
Imports of goods and									Imports of goods and								
	400.05	445.00	440 54	440.00	450.40	450.00	40400	1 400 1		404 00	00.44	00.00	~~ -~	00 75	l	05.50	
services	133.05					156.80			services	101.62	99.41	99.83	98.76	98.75	97.42	95.52	94.84
Imports of goods $^{\rm 1}$	137.50	151.06	148.97	154.49	157.37	163.58	172.24	178.30	services Imports of goods <sup>1</sup>	101.12	98.30	98.88	97.47	97.42	96.11	93.87	93.19
		151.06	148.97		157.37	163.58		178.30	services					97.42	96.11		
Imports of goods <sup>1</sup>	<b>137.50</b> 106.18 131.03	<b>151.06</b> 116.82 138.73	148.97 115.13 136.90	<b>154.49</b> 117.84 142.02	<b>157.37</b> 120.16 142.95	<b>163.58</b> 123.78 143.73	<b>172.24</b> 127.97 149.80	<b>178.30</b> 131.03 152.38	Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	<b>101.12</b> 113.17 111.17	<b>98.30</b> 110.72 109.62	<b>98.88</b> 112.89 109.51	<b>97.47</b> 110.06 108.70	<b>97.42</b> 110.71 109.35	<b>96.11</b> 111.37 110.46	93.87 113.17 108.90	93.19 112.06 109.66
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	137.50 106.18 131.03 136.74	151.06 116.82 138.73 146.42	148.97 115.13 136.90 145.81	154.49 117.84 142.02 150.17	<b>157.37</b> 120.16 142.95 150.97	163.58 123.78 143.73 150.80	172.24 127.97 149.80 157.53	178.30 131.03 152.38 158.73	Imports of goods 1	101.12 113.17 111.17 111.63	98.30 110.72 109.62 110.07	98.88 112.89 109.51 110.41	97.47 110.06 108.70 109.99	97.42 110.71 109.35 109.86	96.11 111.37 110.46 111.36	93.87 113.17 108.90 112.51	93.19 112.06 109.66 112.96
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	<b>137.50</b> 106.18 131.03	151.06 116.82 138.73 146.42 131.63	148.97 115.13 136.90 145.81 128.68	154.49 117.84 142.02 150.17 134.50	157.37 120.16 142.95 150.97 135.54	163.58 123.78 143.73 150.80 137.18	<b>172.24</b> 127.97 149.80	178.30 131.03 152.38 158.73 146.56	Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80	98.30 110.72 109.62 110.07	<b>98.88</b> 112.89 109.51	<b>97.47</b> 110.06 108.70	<b>97.42</b> 110.71 109.35	96.11 111.37 110.46 111.36 109.66	93.87 113.17 108.90 112.51 105.41	93.19 112.06 109.66 112.96 106.46
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products  Durable goods  Nondurable goods  Petroleum and products  Capital goods, except	137.50 106.18 131.03 136.74 125.75 114.94	151.06 116.82 138.73 146.42 131.63 123.72	148.97 115.13 136.90 145.81 128.68 127.68	154.49 117.84 142.02 150.17 134.50 130.93	157.37 120.16 142.95 150.97 135.54 123.98	163.58 123.78 143.73 150.80 137.18 120.50	172.24 127.97 149.80 157.53 142.64 132.12	178.30 131.03 152.38 158.73 146.56 133.70	Imports of goods 1  Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73	98.30 110.72 109.62 110.07 109.26 113.99	98.88 112.89 109.51 110.41 108.71 112.45	97.47 110.06 108.70 109.99 107.49 112.85	97.42 110.71 109.35 109.86 108.95 128.60	96.11 111.37 110.46 111.36 109.66 123.38	93.87 113.17 108.90 112.51 105.41 104.18	93.19 112.06 109.66 112.96 106.46 101.72
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	137.50 106.18 131.03 136.74 125.75 114.94 183.62	151.06 116.82 138.73 146.42 131.63 123.72 219.36	148.97 115.13 136.90 145.81 128.68 127.68 211.66	154.49 117.84 142.02 150.17 134.50 130.93 222.42	157.37 120.16 142.95 150.97 135.54 123.98 238.05	163.58 123.78 143.73 150.80 137.18 120.50 253.47	172.24 127.97 149.80 157.53 142.64 132.12 275.14	178.30 131.03 152.38 158.73 146.56 133.70 292.73	Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73 89.83	98.30 110.72 109.62 110.07 109.26 113.99 77.78	98.88 112.89 109.51 110.41 108.71 112.45 79.47	97.47 110.06 108.70 109.99 107.49 112.85 76.05	97.42 110.71 109.35 109.86 108.95 128.60 72.32	96.11 111.37 110.46 111.36 109.66 123.38 69.65	93.87 113.17 108.90 112.51 105.41 104.18 68.05	93.19 112.06 109.66 112.96 106.46 101.72 66.63
Imports of goods <sup>1</sup> 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	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39	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	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60
Imports of goods <sup>1</sup> 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	137.50 106.18 131.03 136.74 125.75 114.94 183.62	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29	148.97 115.13 136.90 145.81 128.68 127.68 211.66	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49	Imports of goods <sup>1</sup> 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	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01	98.88 112.89 109.51 110.41 108.71 112.45 79.47	97.47 110.06 108.70 109.99 107.49 112.85 76.05	97.42 110.71 109.35 109.86 108.95 128.60 72.32	96.11 111.37 110.46 111.36 109.66 123.38 69.65	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64	93.19 112.06 109.66 112.96 106.46 101.72 66.63
Imports of goods <sup>1</sup> 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,	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44	142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72	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,	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78
Imports of goods <sup>1</sup> 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	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70	142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62	Imports of goods <sup>1</sup> 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	101.12 113.17 1111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90
Imports of goods 1  Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23	142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 153.40	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 vehicles, engines, and parts Consumer goods, except automotive Durable goods	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.19	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58
Imports of goods <sup>1</sup> 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  Other  Automotive vehicles, engines, and parts  Durable goods  Nondurable goods  Nondurable goods	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41	142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 153.40 157.72	Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.19 103.97	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 103.89	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84 103.57	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91
Imports of goods 1  Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73	142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 153.40 157.72 151.22	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	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87 107.43	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.19 103.97 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 103.89 107.08	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84 103.57 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35
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 Unrable goods Nondurable goods Other	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73	142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 153.40 157.72	Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.19 103.97 107.60 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 103.89	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84 103.57 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35
Imports of goods 1  Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01 116.01	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 124.73	142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 133.79	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 157.72 151.22 151.22	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 vehicles, engines, and parts University of the consumer goods, except automotive Durable goods Nondurable goods Other Durable goods	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40 107.40 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87 107.43 107.43	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.19 103.97 107.60 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 103.89 107.08	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84 103.57 107.05 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35
Imports of goods <sup>1</sup> 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  Nondurable goods  Nondurable goods  Nondurable goods  Imports of services <sup>1</sup> Direct defense expenditures	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 116.01 116.01 116.01 113.82 65.58	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 124.65	148.97 115.13 136.90 145.81 128.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 119.94 74.32	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 120.29 74.42	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 133.79 127.64 79.33	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13 143.13 143.13 143.13	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 157.72 151.22 151.22 151.22 133.41 84.26	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 burable goods  Nondurable goods  Nondurable goods.  Nondurable goods.  Nondurable goods.  Nondurable goods.  Imports of services ¹  Direct defense expenditures.	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40 107.40 107.40 107.40 107.40 107.40 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87 107.43 107.43 107.43 107.43 107.43	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.59 103.59 107.60 107.60 107.60 107.60 104.68 106.83	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 107.08 107.08 107.08 107.09 107.94	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 107.29	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84 103.57 107.05 107.05 107.05 104.31	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 104.37	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 103.66 98.18
Imports of goods <sup>1</sup> Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products Durable goods	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01 116.01 116.01 113.82 65.58 111.65	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 72.71 115.75	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 124.73 119.94 74.32 116.07	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 125.92 125.92	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 120.90 72.34 115.97	143.78 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 125.32 142.67 143.88 143.19 144.62 133.79 133.79 133.79 127.64 79.33 127.31	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 143.13 143.13 143.13 130.41 181.05	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 153.40 157.72 151.22 151.22 151.22 133.41 84.26 131.45	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 Imports of services¹ Direct defense expenditures Travel	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.12 107.40 107.40 107.40 107.40 109.01 109.01 109.01 107.00	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.45 103.87 107.43 107.43 107.43 107.43 107.97 109.23	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.56 103.97 107.60 107.60 107.60 107.60 104.68 106.83 108.17	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.99 107.08 107.08 107.08 107.08 107.08 107.94 110.96	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 105.69 108.69 109.53	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 101.84 103.57 107.05 107.05 107.05 107.05 104.31 101.94	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 104.37 101.45	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 106.35 106.35 103.66 98.18 98.18
Imports of goods <sup>1</sup> 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  Nondurable goods  Nondurable goods  Imports of services <sup>1</sup> Direct defense expenditures  Travel  Passenger fares  Other transportation	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01 116.01 1116.01 113.82 65.58 111.65 131.23 109.77	138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 119.94 74.32 116.07 142.04 110.62	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 125.92 125.92 142.09 74.42 111.42 142.09 109.77	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 133.79 133.79 127.64 79.33 127.31 149.12	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 154.15 143.13 143.13 130.41 81.05	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.40 157.72 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80	Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.45 103.45 107.43 107.43 107.43 107.43 107.43 107.97 109.23 105.53 105.13	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.59 103.97 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.39 107.08 107.08 107.08 107.08 107.94 110.96 104.56 103.32	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.25 108.89 109.53 107.13 104.57	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 102.67 101.84 103.57 107.05 107.05 107.05 104.31 101.94 106.66 108.68 104.33	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 106.36 106.36 106.36 110.38	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 106.35 106.35 106.35 104.74 112.86 98.18 104.74 112.86 103.31
Imports of goods 1  Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products.  Durable goods	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 116.01 116.01 116.01 111.03 111.03 111.03 111.03 111.03 111.03 111.03 111.03	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 124.65 124.65 124.65 124.65 124.65 125.71 115.75 141.57 108.20 131.88	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.62 138.61 125.92 125.92 125.92 125.92 125.92 120.29 74.42 142.09 109.77 154.18	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 127.07 120.90 125.97 143.35 107.69	143.78 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 137.91 127.64 79.33 127.31 149.12 110.16 135.99	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 143.13 143.13 143.13 143.13 143.13 143.13 143.14 143.13	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 157.42 151.22 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37	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 Nondurable goods Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees.	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40 107.4	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.45 107.43 107.43 107.43 107.43 107.43 107.92 105.58 103.29 109.23 105.58 103.29	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.97 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.99 107.08 107.08 107.08 107.08 107.94 110.96 104.56 103.32 109.62	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.67 107.24 107.24 107.24 107.24 107.25 107.31 104.57 108.89 109.53 107.13 104.57 110.14	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 107.05 107.05 107.05 107.05 104.31 101.94 106.66 108.68 104.33 110.55	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 106.36 106.36 105.58 112.91 103.89 1103.89	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.35 106.35 106.35 106.35 103.91 104.74 112.86 103.91 111.13
Imports of goods <sup>1</sup> 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  Nondurable goods  Nondurable goods  Imports of services <sup>1</sup> Direct defense expenditures  Travel  Passenger fares  Other transportation	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01 116.01 1116.01 113.82 65.58 111.65 131.23 109.77	138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 141.57 141.57 141.57 141.57 141.57 141.57 141.57 141.57 141.57 141.57	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 142.09 109.77 154.18 157.00	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 126.69 161.69	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 133.79 127.64 79.33 127.31 149.12 110.16 135.99 165.61	172.24 127.97 149.80 157.53 142.64 12.75.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13 143.13 130.41 81.05 124.45 113.41 149.43 113.41 149.43	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 157.42 151.22 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37	Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 107.40 107.40 107.40 107.40 107.40 107.40 107.00 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.86 107.43 107.43 107.43 107.43 107.43 105.13 105.58 103.29 109.23 105.58 103.29 109.42	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.97 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60	97.47 110.06 108.70 109.99 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 107.08 107.08 107.08 107.08 107.08 107.94 110.96 104.56 104.56 103.32 109.62 98.93	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 107.33 104.57 110.14 99.08	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 107.05 107.05 107.05 107.05 104.31 101.94 106.66 108.68 104.33 110.55	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 104.37 101.45 105.58 112.91 103.88 112.91 103.88 110.79 8.98	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 106.35 103.31 111.13 98.50
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 Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Addenda:	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01 116.01 116.01 113.82 65.58 111.65 131.23 109.77 119.41 141.45	138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65 124.65	148.97 115.13 136.90 145.81 128.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60 154.31	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 142.09 109.77 154.18 157.00	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 126.69 161.69	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 133.79 127.64 79.33 127.31 149.12 110.16 135.99 165.61	172.24 127.97 149.80 157.53 142.64 12.75.14 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13 143.13 130.41 81.05 124.45 113.41 149.43 113.41 149.43	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 157.72 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37 177.57	Imports of goods ¹ Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products.  Durable goods. Nondurable goods. Petroleum and products	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 107.40 107.40 107.40 107.40 107.40 107.40 107.00 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87 107.43 107.43 107.43 107.43 107.97 109.23 105.58 103.29 109.42 99.25	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.97 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60 107.60	97.47 110.06 108.70 109.99 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 107.08 107.08 107.08 107.08 107.08 107.94 110.96 104.56 104.56 103.32 109.62 98.93	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 107.33 104.57 110.14 99.08	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 107.05 107.05 107.05 107.05 107.05 104.31 101.94 106.66 108.68 104.33 110.55 98.61	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 104.37 101.45 105.58 112.91 103.88 112.91 103.88 110.79 8.98	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 106.35 103.66 98.18 104.74 112.86 103.31 111.13 98.50
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 Unrable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services ¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of agricultural	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 116.01 116.01 116.01 111.03 111	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 124.65 124.65 124.65 124.65 124.65 125.71 115.75 141.57 108.20 131.88 156.64 107.59	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 124.73 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60 154.31 106.28	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 111.42 142.09 109.77 154.18 157.00 108.64	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 120.90 72.34 115.97 143.35 107.70 106.69 161.19 109.99	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 127.64 79.33 127.31 149.12 110.16 135.99 165.61 111.87	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 143.13 143.13 130.41 144.58 149.34 144.58 149.34 141.34 141.34 141.34 141.34 141.34	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 157.42 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37 177.57 113.54	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 Other Automotive vehicles, engines, and parts Consumer goods, except automotive vehicles, engines, and parts Other Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services¹ Direct defense expenditures Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of agricultural	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40 107.4	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.45 107.43 107.43 107.43 107.43 107.43 107.97 109.23 105.58 103.99 109.22 99.25 109.36	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.56 103.59 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.99 107.08 107.08 107.08 107.08 107.08 107.94 110.96 104.56 103.32 98.93 110.20	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 107.24 107.24 107.24 107.13 104.57 108.89 109.53 104.57 10.14 99.08 109.96	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 106.36 105.58 112.91 103.89 98.98 1103.74	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.35 106.35 106.35 106.35 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91
Imports of goods ¹  Foods, feeds, and beverages Industrial supplies and materials, except petroleum and products	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 116.01 116.01 116.01 111.03 111	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 124.65 124.65 124.65 124.65 124.65 125.71 115.75 141.57 108.20 131.88 156.64 107.59	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 124.73 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60 154.31 106.28	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 111.42 142.09 109.77 154.18 157.00 108.64	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 120.90 72.34 115.97 143.35 107.70 106.69 161.19 109.99	143.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 127.64 79.33 127.31 149.12 110.16 135.99 165.61 111.87	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 151.76 143.13 143.13 130.41 144.58 149.34 144.58 149.34 141.34 141.34 141.34 141.34 141.34	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 157.72 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37 177.57	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 vehicles, engines, and parts Consumer goods, except automotive Durable goods Nondurable goods Nondurable goods Other Durable goods Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other Addenda: Exports of agricultural goods²	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 107.40 107.40 107.40 107.40 107.40 107.40 107.00 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.06 103.87 107.43 107.43 107.43 107.43 107.97 109.23 105.58 103.29 109.42 99.25	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.56 103.59 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.99 107.08 107.08 107.08 107.08 107.09 104.56 103.32 109.62 98.93 110.20	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 107.24 107.24 107.24 107.13 104.57 108.89 109.53 104.57 10.14 99.08 109.96	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 104.37 101.45 105.58 112.91 103.88 112.91 103.88 110.79 8.98	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.35 106.35 106.35 106.35 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91 103.91
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 Durable goods Nondurable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Other Durable goods Nondurable goods Nondurable goods Other Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other  Addenda: Exports of nonagricultural goods ² Exports of nonagricultural	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 116.01 116.01 116.01 111.03 111	138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 141.57 108.20 131.88 156.64 107.59	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 124.73 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60 154.31 106.28	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 125.92 142.09 109.77 154.18 157.00 108.64	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.09 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.09 161.19 109.99	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 133.79 127.64 79.33 127.31 149.12 110.16 135.99 165.61 111.87	172.24 127.97 149.80 157.53 142.64 132.12 275.14 105.06 521.20 238.34 138.97 152.92 154.15 143.13 143.13 130.41 81.05 129.34 149.43 113.41 149.43 171.31 112.06	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 157.42 151.22 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37 177.57 113.54	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 Other Automotive vehicles, engines, and parts Consumer goods, except automotive vehicles, engines, and parts Other Durable goods Nondurable goods Nondurable goods Nondurable goods Imports of services¹ Direct defense expenditures Passenger fares Other transportation Royalties and license fees Other private services Other Addenda: Exports of nonagricultural goods² Exports of nonagricultural goods	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40 107.4	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.45 107.43 107.43 107.43 107.43 107.43 107.97 109.23 105.58 103.99 109.22 99.25 109.36	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.56 103.56 103.59 107.60	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.99 107.08 107.08 107.08 107.08 107.09 104.56 103.32 109.62 98.93 110.20	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.24 107.24 107.24 107.24 107.13 104.57 108.89 109.53 104.57 10.14 99.08 109.96	96.11 111.37 110.46 111.36 109.66 123.38 69.65 117.21 45.26 78.03 108.67 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 106.36 105.58 112.91 103.89 98.98 1103.74	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 106.35 106.35 103.66 98.18 104.74 112.86 103.31 111.13 98.50 108.60
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 Durable goods Nondurable goods Nondurable goods Imports of services¹ Direct defense expenditures Travel Passenger fares Other transportation Royalties and license fees Other private services Other  Addenda: Exports of agricultural goods² Exports of nonagricultural	137.50 106.18 131.03 136.74 125.75 114.94 183.62 78.27 279.82 171.61 125.02 126.45 126.97 125.87 116.01 116.01 116.01 113.82 65.58 111.65 131.23 109.77 119.41 141.45 105.62	151.06 116.82 138.73 146.42 131.63 123.72 219.36 88.71 373.29 197.41 129.38 134.78 135.52 133.96 124.65 124.65 124.65 124.65 141.575	148.97 115.13 136.90 145.81 128.68 127.68 211.66 89.74 361.15 189.44 129.70 131.95 133.23 130.57 124.73 124.73 124.73 119.94 74.32 116.07 142.04 110.62 121.60 154.31 106.28	154.49 117.84 142.02 150.17 134.50 130.93 222.42 90.58 383.34 199.06 134.07 136.62 138.66 134.41 125.92 125.92 125.92 125.92 142.09 109.77 154.18 157.00 108.64 106.20	157.37 120.16 142.95 150.97 135.54 123.98 238.05 96.77 410.89 213.17 129.32 141.81 140.82 142.86 127.07 127.07 127.07 127.07 127.07 127.07 127.07 127.07 126.69 109.99	163.58 123.78 143.73 150.80 137.18 120.50 253.47 92.67 455.71 225.32 142.67 143.88 143.19 144.62 133.79 133.79 133.79 133.79 110.16 135.99 165.61 111.87	172.24 127.97 149.80 157.53 142.64 105.06 521.20 238.34 138.97 152.92 151.76 154.15 143.13 130.41 81.05 129.43 113.41 112.06	178.30 131.03 152.38 158.73 146.56 133.70 292.73 126.39 579.49 245.72 143.62 155.49 153.40 157.72 151.22 151.22 151.22 133.41 84.26 131.45 147.80 114.91 152.37 177.57 113.54	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 Nondurable goods Other Durable goods Nondurable goods Nondurable goods Other Durable goods Nondurable goods 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	101.12 113.17 111.17 111.63 110.80 94.73 89.83 108.75 63.47 100.02 107.88 103.10 103.09 103.12 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40 107.40	98.30 110.72 109.62 110.07 109.26 113.99 77.78 113.54 52.01 87.18 108.57 103.45 103.45 103.06 103.87 107.43 107.43 107.43 107.97 109.23 105.58 103.29 109.25 109.36	98.88 112.89 109.51 110.41 108.71 112.45 79.47 113.14 52.87 89.42 108.43 103.59 103.97 107.60 107.60 107.60 104.68 106.83 108.17 105.22 103.03 109.17 99.51 108.76	97.47 110.06 108.70 109.99 107.49 112.85 76.05 114.47 50.65 85.15 108.64 103.37 102.90 103.89 107.08 107.08 107.08 107.94 110.96 104.56 103.32 109.62 98.93 110.20	97.42 110.71 109.35 109.86 108.95 128.60 72.32 114.99 48.16 80.62 108.67 103.14 102.61 103.72 107.24 107.24 107.24 107.25 108.89 109.53 107.13 104.57 110.14 99.08 109.96	96.11 111.37 110.46 111.36 109.68 123.38 69.65 117.21 45.26 78.03 108.67 107.05	93.87 113.17 108.90 112.51 105.41 104.18 68.05 117.65 42.64 77.23 108.50 102.38 101.00 103.89 106.36 106.36 106.36 106.36 106.36 112.91 103.88 112.91 103.88 112.91 103.88 112.91 113.88 110.79 98.98 108.74	93.19 112.06 109.66 112.96 106.46 101.72 66.63 118.60 40.01 76.78 108.90 102.18 100.58 103.91 106.35 106.35 106.35 103.31 111.13 98.50 108.60 108.60

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, 1992=100]

							[Inde	ex numbe	ers, 1992=100]								
				Se	asonally	y adjuste	d						Sı	easonally	y adjuste	d	
	1995	1996	<u> </u>	1996			1997			1995	1996	<u> </u>	1996		<u> </u>	1997	
			II	III	IV	I	II	III				II	III	IV	I	II	III
Chain-type quantity indexes	$\lceil \mid \mid$	_	_	<u> </u>	,	_	_	į l	Chain-type price indexes		_	_	_	[		_	_
Government consumption expenditures and gross investment <sup>1</sup>	99.06	99.54	100.10	99.83	99.85	99.74	100.50	100.78	Government consumption expenditures and gross investment <sup>1</sup>	108.28	111.83	111.23	112.07	112.76	113.74	114.14	114.57
Federal	89.08	87.92	89.15	88.21	87.04	85.76	87.14	86.92	Federal	108.34	112.03	111.47	112.05	112.74	114.10	114.46	114.70
National defense  Consumption expenditures  Durable goods 2  Nondurable goods Services  Compensation of general government employees, except	<b>85.84</b> 87.77 69.25 66.48 90.40	<b>84.56</b> 86.20 72.27 76.05 88.01		79.98 82.30	<b>83.44</b> 85.84 67.04 66.02 88.45	<b>80.86</b> 84.57 66.37 70.26 86.93	82.33 85.69 70.43 66.46 87.94	85.59 67.22 72.52	National defense  Consumption expenditures  Durable goods  Nondurable goods  Services  Compensation of  general government employees, except	101.20 100.11	111.02 110.96 102.41 109.95 111.78	110.56 102.82 108.19	111.26 102.60 109.14	112.16 102.17	114.14	113.70 103.22 107.47	113.98 102.90 105.14
force-account construction 3 Consumption of	85.49	81.89	82.44	81.93	80.64	79.99	79.14	78.93	force-account construction <sup>3</sup> Consumption of	107.45	115.40	114.78	115.87	116.76	119.51	120.16	120.27
general government fixed capital 4 Other services Gross investment Structures Equipment	96.76 94.74 74.99 103.79 71.79	94.25 75.34 107.11	95.08 94.59 79.94 114.86 76.05	94.08 73.76 103.75	94.12 98.60 69.89 102.80 66.21	93.62 94.74 59.66 96.54 55.49	93.17 100.30 63.13 94.56 59.61	101.04 65.53 94.05	general government fixed capital 4 Other services Gross investment Structures Equipment	104.92 109.27 118.22	111.40 106.45 111.22 121.50 110.07	105.84 110.58 121.04	106.69 110.39 122.21	123.57	107.65 111.26 124.09	108.07 111.65 125.35	108.72 111.07 126.08
Nondefense	<b>96.88</b> 97.46	<b>96.01</b> 95.37	<b>96.72</b> 96.28		<b>95.69</b> 95.21	<b>97.54</b> 97.18	<b>98.71</b> 97.60		Nondefense Consumption expenditures Durable goods <sup>2</sup>	<b>111.88</b> 113.16	<b>114.47</b> 116.32		<b>114.25</b> 116.10		<b>116.44</b> 118.80		<b>117.23</b> 119.79
Nondurable goods Commodity Credit Corporation inventory change									Nondurable goods Commodity Credit Corporation inventory change		I	l I	I I				
Other nondurables Services Compensation of general government employees, except	84.13 97.37	75.08 95.57	75.96 96.44		74.38 95.61	83.75 96.75	85.82 97.23		Other nondurables Services Compensation of general government employees, except	111.67 113.39	112.73 116.89						
force-account construction <sup>3</sup> Consumption of general government	92.95	90.66	92.07	91.20	90.70	91.10	91.42	91.22	force-account construction <sup>3</sup> Consumption of general government	120.47	126.39	124.47	125.72	126.91	130.91	131.68	132.21
general government fixed capital 4 Other services Gross investment Structures Equipment	110.42 101.84 93.02 96.90 89.24	99.49 100.61 97.44	99.75 99.96 99.64	98.03 103.75 96.76	99.16 99.08	101.47 100.06 94.95	120.73 102.05 106.81 88.29 130.76	102.10 96.57 89.25	general government fixed capital 4  Other services Gross investment Structures Equipment	104.55 105.26 103.72 109.99 97.07	104.51 106.39 102.76 113.14 92.16	106.19 102.90 112.84	106.65 102.53 113.30	107.29 101.99	101.63 114.63	107.92 101.67	108.32 101.23
State and local  Consumption expenditures  Durable goods <sup>2</sup> Nondurable goods  Services  Compensation of general government employees, except	107.02 112.02 113.65	108.28 115.98 117.38	108.38 115.48 116.79	108.63 116.49 117.92	117.32 119.06	109.53 118.18 120.12	110.06 119.04 121.18	110.76 119.90 122.24	State and local  Consumption expenditures  Durable goods <sup>2</sup> Nondurable goods  Services  Compensation of general government employees, except	108.24 108.14 105.75 105.51 108.51	111.71 111.84 106.39 109.36 112.25	111.13 106.16 109.96	112.23 106.32 109.07	113.01 106.45	113.71 106.42 110.77	114.02 106.45 108.30	114.66 107.03 107.97
force-account construction <sup>3</sup>				105.44 111.94					force-account construction <sup>3</sup>						116.04 109.84		
čapital <sup>4</sup> Other services Gross investment Structures Equipment	129.97 102.60 101.29	138.73 106.03 104.30	138.30 106.06 104.45		140.65 109.35 107.84	143.86 110.95 109.49	144.66 110.28 108.43	146.72 110.59 108.47	capital <sup>4</sup> Other services Gross investment Structures Equipment	106.88 88.97 108.69 110.45 101.14	90.09 111.14	89.23 110.84 113.48	91.97 111.34 114.25	92.13 111.69 114.90	92.76 112.73 116.36	93.05 113.64 117.75	94.52 113.72 118.09
Addenda:  Compensation of general government employees <sup>3</sup> Federal State and local	99.42 87.97 104.69	84.83	85.68	85.07	98.72 84.02 105.54	83.73		83.08	Addenda:  Compensation of general government employees 3 FederalState and local		119.00		119.08	120.08		123.94	124.20

NOTE.—See footnotes to table 3.7.

Table 7.14.—Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector

[Index numbers, 1992=100]

	Imaox	Hambon	5, 100 <u>2</u> –	100]				
				Se	easonally	/ adjuste	d	
	1995	1996		1996			1997	
			II	III	IV	-	II	III
Chain-type quantity indexes Gross domestic product	107.97	110.95	110.92	111.20	112.38	113.73	114.66	115.59
Business 1	109.13	112.70	112.61	112.93	114.35	115.92	116.98	118.01
Nonfarm <sup>1</sup> Nonfarm less housing Housing Farm	109.38 109.76 106.22 92.13	112.99 113.61 107.83 93.75	112.88 113.56 107.26 94.61	113.25 113.83 108.37 92.56	114.69 115.36 109.05 92.75	116.18 116.99 109.53 98.07	117.23 118.15 109.66 99.75	118.30 119.35 109.67 98.37
Households and institutions	109.32	111.52	111.24	111.96	112.66	113.55	114.40	115.27
Private households Nonprofit institutions	106.92 109.41	100.06 111.96	102.26 111.58	98.67 112.47	95.09 113.33	94.77 114.27	95.54 115.11	95.97 116.01
General government 2	99.91	99.34	99.74	99.63	99.43	99.58	99.72	100.03
FederalState and local Chain-type price indexes Gross domestic product	90.44 105.05	87.79 105.65 <b>110.22</b>	88.48 105.87	87.94 106.00 <b>110.59</b>	87.08 106.18	86.80 106.56	86.40 107.00	86.20 107.60 <b>112.68</b>
Business 1	107.76	_			110.43	_	111.45	
Nonfarm I Nonfarm less housing Housing Farm	107.38 107.50 107.32 109.05 99.01	109.56 109.46 109.11 112.48 118.34	109.26 109.20 108.88 112.06 114.23	109.95 109.76 109.40 112.88 125.11	110.43 110.21 109.82 113.63 128.16	111.00 110.88 110.47 114.42 121.56	111.45 111.29 110.83 115.32 124.35	111.81 111.68 111.15 116.29 122.81
$\label{thm:constraints} \mbox{Households and institutions} \ \dots$	108.75	111.19	110.78	111.36	111.98	112.87	113.90	114.81
Private households Nonprofit institutions	109.61 108.71	113.51 111.10	112.56 110.72	114.29 111.25	115.40 111.86	115.86 112.77	116.84 113.79	118.22 114.69
General government 2	110.08	114.58	113.75	114.89	115.62	116.95	117.60	118.21
FederalState and local	111.04 109.61	116.82 113.53	116.09 112.65	116.92 113.93	117.71 114.64	120.19 115.46	120.74 116.15	121.10 116.87

NOTE.—See footnotes to table 1.7.

Table 7.15.—Current-Dollar Cost and Profit Per Unit of Real Gross Domestic Product of Nonfinancial Corporate Business

[Dollars]

Current-dollar cost and profit per unit of real gross domestic product <sup>1</sup>	1.050	1.063	1.062	1.064	1.065	1.069	1.072	1.072
Consumption of fixed capital	.100	.101	.101	.101	.101	.101	.101	.100
Net domestic product	.950	.962	.961	.963	.963	.968	.971	.972
Indirect business tax and nontax liability plus business transfer payments less subsidies	.107	.108	.109	.108	.108	.107	.107	.107
	.842	.853	.853	.855	.855	.861	.863	.865
	.687	.690	.689	.691	.693	.697	.698	.694
valuation and capital consumption	.128	.140	.140	.141	.142	.143	.144	.149
adjustments	.037	.040	.040	.040	.040	.040	.040	.042
consumption adjustments Net interest	.090	.101	.100	.101	.102	.103	.104	.107
	.027	.023	.024	.022	.021	.021	.021	.021

<sup>1.</sup> Equals the deflator for gross domestic product of nonfinancial corporate business with the decimal point shifted two places to the left.

Table 7.16.—Implicit Price Deflators for Inventories of Business by Industry

[Index numbers, 1992=100]

	,								
		Se	easonally	adjuste	d				
		1996			1997				
	II	III	IV	I	II	III			
Inventories 1	107.19	107.20	107.08	106.63	105.93	106.12			
Farm	105.11	105.03	100.15	103.26	101.90	100.66			
Nonfarm	107.44 106.48 108.76				106.25	106.68 106.04 107.57			
Manufacturing Durable goods Nondurable goods	107.30 104.92 111.34	104.68	104.89		104.52				
Wholesale	107.79 104.02 114.12	104.14		103.91	103.80	106.08 103.56 110.26			
Merchant wholesalers Durable goods Nondurable goods Nonmerchant wholesalers Durable goods Nondurable goods	108.30 104.26 115.24 104.73 102.44 108.08	104.39 112.55 106.18	104.14 110.43 106.86	104.17 110.44 104.87	104.06 109.05 103.79	110.60 104.50			
Retail trade	106.46 110.06 113.03 107.09 102.76	110.22 112.94	112.57	110.48	110.90				
Other Durable goods Nondurable goods	109.49 114.35 107.09	109.96 115.20 107.36	113.73 115.15 113.22	109.34 116.40 105.81	109.15 116.50 105.46	109.78 115.80 106.79			

<sup>1.</sup> 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, 1992=100]

				S	easonally	adjuste	d	
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Gross domestic product	107.97	110.95	110.92	111.20	112.38	113.73	114.66	115.59
Final sales of domestic product				110.70				
Goods	110.91	114.72	114.55	115.17	116.51	119.31	120.49	121.48
Final salesChange in business inventories	109.98	113.89	113.89	113.83	115.32	116.66	117.19	119.40
Durable goods		127.97 124.84		130.25 125.41				
Nondurable goods Final sales Change in business inventories	104.20 105.48			104.94 105.82				
Services	105.97	108.08	108.03	108.15	109.17	109.76	110.65	111.56
Structures	108.33	113.63	114.17	114.19	115.73	116.16	116.27	117.07
Addenda:  Motor vehicle output  Gross domestic product less	120.55							
motor vehicle output	107.54	110.73	110.50	110.89	112.28	113.50	114.57	115.33

Table 7.18.—Chain-Type Quantity Indexes for Auto Output

[Index numbers, 1992=100]

	[11307 13110010]									
				Se	easonally	y adjuste	ed			
	1995	1996		1996			1997			
			II	III	IV		II	III		
Auto output	105.03	98.69	106.68	105.25	93.58	98.45	96.09	99.59		
Final sales Personal consumption		101.94			99.35		94.84	99.78		
expenditures  New autos  Net purchases of used	103.75 98.13	103.07 95.25					99.69 89.70			
Producers' durable equipment New autos Net purchases of used	120.70	126.10	129.07	133.00	121.72	136.19 130.80				
autos Net exports Exports Imports Gross government investment	112.40	112.16 126.62	108.53 126.36	112.99 131.31	110.84 125.96	109.44 143.81 103.02		143.31		
Change in business inventories of new and used autos										
NewUsed										
Addenda:  Domestic output of new autos <sup>1</sup> Sales of imported new autos <sup>2</sup>	114.30 101.14		116.59 97.36				108.14 102.63			

Consists of final sales and change in business inventories of new autos assembled in the United States.
 Consists of personal consumption expenditures, producers' durable equipment, and gross government investment.

### Table 7.19.—Chain-Type Quantity Indexes for Truck Output

[Index numbers, 1992=100]

Truck output 1	142.80	144.61	146.75	141.72	146.38	152.43	147.62	157.23
Final sales Personal consumption				144.35				
expenditures	121.45	121.78	120.92	118.29	120.90	119.17	113.36	126.05
Producers' durable equipment Net exports	167.88	181.34	176.45	184.46	190.80	193.20	192.36	202.24
Exports	134.54	156.23	156.36	147.53	177.17	175.57	169.89	176.81
ImportsGross government investment	110.36 102.81			125.33 79.52			130.75 109.59	
Change in business inventories								

<sup>1.</sup> Includes new trucks only.

# 8. Supplementary Tables.

Table 8.1.—Percent Change From Preceding Period in Selected Series

								[Per	centj								
			Sea	sonally	adjuste	ed at ar	nnual ra	ates				Sea	sonally	adjuste	d at ar	nual ra	tes
	1995	1996		1996			1997			1995	1996		1996			1997	
			II	III	IV	ı	II	Ш				Ш	III	IV	ı	Ш	III
Gross domestic product: Current dollars	4.6 2.0 2.5 2.5	5.1 2.8 2.3 2.3	7.7 6.0 1.9 1.7	3.6 1.0 2.7 2.6	6.2 4.3 1.9 1.9	7.4 4.9 2.4 2.4	5.2 3.3 1.8 1.8	4.8 3.3 1.5 1.5	Implicit price deflator  Imports of goods and services: Current dollars Chain-type quantity index Chain-type price index	3.2 11.4 8.9 2.2	2.4 6.8 9.1 –2.2	2.1 11.4 14.1 –1.8	4.3 8.1 13.2 -4.2	3.1 6.5 6.8 0	9 11.7 17.9 -5.3	3.4 11.4 20.5 -7.6	.3 10.8 14.0 –2.8
Personal consumption expenditures: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.1 2.4 2.6 2.6	5.0 2.6 2.4 2.4	6.7 3.7 2.9 2.9	3.0 .5 2.5 2.5	6.3 3.3 3.0 2.9	7.6 5.3 2.2 2.2	2.0 .9 1.0 1.0	7.5 5.8 1.6 1.6	Implicit price deflator  Imports of goods:  Current dollars  Chain-type quantity index  Chain-type price index	2.2 11.9 9.5 2.2 2.2	-2.2 6.8 9.9 -2.8	-2.3 13.2 16.4 -2.1	8.9 15.7	7.2 7.7 2	-5.3 10.5 16.7 -5.3	-7.6 11.8 22.9 -9.0	-2.8 11.6 14.8 -2.9
Durable goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.0 4.0 1.0 1.0	4.3 4.7 4 4	7.8 9.7 –1.4 –1.8	-2.6 -1.9 6 7	2.4 3.5 –1.0 –1.1	13.3 14.1 7 7	-8.2 -5.4 -3.0 -3.0	14.8 18.2 -2.9 -2.9	Implicit price deflator  Imports of services: Current dollars Chain-type quantity index Chain-type price index	2.2 8.6 6.1 2.4	-2.8 6.6 5.5 1.1	-2.1 -2.8 2.7 2.7	-5.9 4.3 1.2 3.1	4 2.8 2.1	-5.3 17.9 24.2 -5.1	-9.0 9.2 8.9	-2.9 6.6 9.5 -2.7
Nondurable goods: Current dollars	3.3 1.6 1.7 1.7	4.0 1.4 2.6 2.6	6.6 2.6 3.9 3.9	1.6 .6 .9	5.8 2.1 3.7 3.7	7.2 4.7 2.4 2.4	-2.1 -2.1 0 0	5.8 4.4 1.3 1.3	Implicit price deflator  Government consumption expenditures and gross investment: Current dollars	3.2	1.1	6.8	3.1 1.8	.7 .7 2.5	-5.1 3.1	.2 .2 4.5	-2.7 2.7
Services: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	6.1 2.5 3.5 3.4	5.7 2.7 2.9 2.9	6.5 3.1 3.4 3.4	4.9 1.0 3.9 3.9	7.4 3.9 3.4 3.4	6.6 3.9 2.6 2.6	6.3 3.9 2.4 2.4	6.9 4.1 2.7 2.7	Chain-type quantity index Chain-type price index Implicit price deflator  Federal: Current dollars	0 3.3 3.3 1	3.8 .5 3.3 3.3	7.2 2 4	-1.1 3.1 3.0 -2.3	.1 2.5 2.4 –3.0	4 3.5 3.5 -1.1	3.1 1.4 1.4 7.9	1.1 1.5 1.5
Gross private domestic investment: Current dollars Chain-type quantity index Chain-type price index	3.0 1.6 1.4 1.4	7.5 7.8 2 3	18.0 19.9 –1.0 –1.5	16.8 16.5 1.2 .3	.7 1.6 –.5 –.9	15.6 17.1 –1.0 –1.3	17.2 17.7 6	2.6 2.8 2 3	Chain-type quantity index Chain-type price index Implicit price deflator  National defense:	-3.3 3.3 3.3 -1.3	-1.3 3.4 3.4	8.8 -1.4 -2.1	-4.2 2.1 1.9	-5.2 2.5 2.3	-5.8 4.9 4.9	6.6 1.3 1.3	-1.0 .8 .8
Implicit price deflator  Fixed investment: Current dollars Chain-type quantity index Chain-type price index	6.5 5.1 1.3	8.2 8.3 1	13.0 14.4 7	11.6 10.1 1.4	2.6 3.0 4	3.0 3.9 9	4 12.4 12.6 2	13.8 13.9 1	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Nondefense:	-4.3 3.1 3.1	2.4 -1.5 3.9 3.9	11.0 .7 3	2.1 1.9	-4.7 -7.1 2.8 2.6	-8.0 -11.8 4.3 4.3	8.7 7.5 1.1 1.1	1.3 .6 .6
Implicit price deflator  Nonresidential:  Current dollars  Chain-type quantity index  Chain-type price index	9.4 9.0 .4 .4	8.1 9.2 –1.0	-1.2 10.3 13.0 -1.7	1.3 16.1 16.5 3	4 4.4 5.9 -1.5	9 2.1 4.1 -2.0	2 12.9 14.6 -1.5	16.9 18.1 –1.0	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator State and local:	2.4 -1.4 3.9 3.9	1.4 9 2.3 2.3	-1.6 4.3 -5.6 -5.7	2.2 2.0	.5 -1.0 1.7 1.5	14.6 8.0 6.1 6.1	6.4 4.9 1.5 1.5	-4.3 -5.4 1.2 1.2
Implicit price deflator	8.7 4.3 4.2 4.2	2.3	9.9 7.9 1.9	3 14.2 10.0 3.9	-1.5 18.2 15.3 2.5 2.5	-2.0 .7 -2.1 2.8 2.8	-1.0 -4.7 3.9	7.0 3.3 3.6	Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Addenda:	5.4 2.1 3.2 3.2	4.8 1.6 3.2 3.2	6.9 6.3 .6 .5	4.4 .7 3.6 3.6	5.9 3.3 2.5 2.5	5.5 2.7 2.7 2.7	2.6 1.2 1.5 1.5	4.3 2.3 1.9 1.9
Implicit price deflator  Producers' durable equipment: Current dollars Chain-type quantity index Chain-type price index	9.7 10.8 –1.0 –1.0	-2.3	10.4 14.9 –3.1	3.8 16.9 19.1 -1.9 -1.9	5 2.6 -3.0	2.6 6.7 –3.8	3.9 18.7 23.0 -3.5 -3.5	3.6 20.8 24.1 -2.6 -2.6	Final sales of domestic product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	5.1 2.5 2.5 2.5	5.2 2.8 2.3 2.3	7.0 5.2 1.9 1.7	2.9 .2 2.7 2.7	6.6 4.5 1.9 2.0	5.6 3.0 2.5 2.5	4.4 2.5 1.9 1.9	6.4 4.9 1.5 1.5
Implicit price deflator  Residential:  Current dollars  Chain-type quantity index  Chain-type price index	3 -3.8 3.6	8.5 5.9 2.4	20.0 17.9 1.8	1.0 -4.5 5.7	-1.8 -4.3 2.6	5.4 3.3 2.0	11.1 7.4 3.4	6.0 3.7 2.2	Gross domestic purchases: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	4.5 1.9 2.5 2.6	5.2 2.9 2.2 2.2	8.2 6.5 1.8 1.6	2.4 2.4	4.8 2.5 2.4 2.3	7.9 5.9 1.9 1.9	4.6 3.7 .8 .9	5.8 4.5 1.3 1.3
Implicit price deflator  Exports of goods and services: Current dollars Chain-type quantity index Chain-type price index	3.6 13.5 11.1 2.2 2.2	2.4 6.4 8.3 -1.8 -1.8	7.1 9.6 –1.4	6 1.9 -2.6	2.6 20.4 25.5 -4.3	2.0 8.0 9.9 -1.8 -1.8	7	2.2 2.4 4.3 -1.9	Final sales to domestic purchasers: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	4.9 2.3 2.6 2.6	5.2 3.0 2.2 2.2	7.6 5.8 1.8 1.7	4.0 1.5 2.4 2.4	5.1 2.7 2.4 2.4	6.1 4.0 2.0 2.0	3.9 2.9 .9	7.5 6.1 1.3 1.3
Implicit price deflator  Exports of goods: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator	14.6 12.6 1.8 1.8	5.8	-2.3 5.2 9.6 -2.7 -4.0	-2.4 -2.7 2.5 -5.3 -5.1	-4.1 21.8 30.7 -7.3 -6.9	10.2 12.6 -2.1 -2.1	22.2	-1.9 1.0 3.8 -2.7 -2.7	Gross national product: Current dollars Chain-type quantity index Chain-type price index Implicit price deflator Command-basis gross national product:	4.5 2.0 2.5 2.5	5.0 2.7 2.3 2.3	7.4 5.7 1.9 1.6		6.8 4.9 1.9 1.8	6.5 4.0 2.4 2.4	4.9 3.0 1.8 1.8	4.1 2.6 1.5 1.4
Exports of services: Current dollars Chain-type quantity index Chain-type price index	10.9 7.4 3.2	8.0 5.5 2.4	12.0 9.7 1.7	4.6 .3 4.3	17.1 13.5 3.1	2.7 3.7 9	6.7 3.2 3.4	6.0 5.7 .3	Chain-type quantity index  Disposable personal income: Current dollars Chained (1992) dollars	2.0 6.0 3.3	2.8 4.7 2.3	5.7 4.0 1.1	.8 5.2 2.7	4.4 3.7 .7	4.5 6.8 4.6	4.0 4.2 3.1	2.7 4.3 2.7

NOTE.—Except for disposable personal income, the quantity and price indexes are calculated from weighted averages of the detailed output and prices used to prepare each aggregate and component. Prior to the third quarter of 1996, these indexes use the geometric mean of veights that reflect the composition of output for the preceding and current years. Beginning with the third quarter of 1996, these indexes use weights that reflect the composition

of output in the two adjacent quarters. 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. (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

			Sea	sonally	adjuste	d at ar	nnual ra	ites
	1995	1996		1996			1997	
			=	Ш	IV	ı	II	III
Percent change at annual rate:								
Gross domestic product	2.0	2.8	6.0	1.0	4.3	4.9	3.3	3.3
Percentage points at annual rates:								
Personal consumption expenditures	1.7	1.8	2.5	.4	2.2	3.6	.6	3.9
Durable goods Nondurable goods Services	.3 .3 1.0	.4 .3 1.1	.8 .5 1.2	2 .1 .4	.3 .4 1.5	1.1 .9 1.5	5 4 1.5	1.4 .9 1.6
Gross private domestic investment	.2	1.1	2.6	2.3	.2	2.4	2.5	.4
Fixed investment	.7 .8 .1 .7 2 5	1.1 .9 .1 .8 .2	1.9 1.3 .2 1.0 .7	1.4 1.6 .3 1.3 2	.4 .6 .4 .2 2 2	.6 .4 1 .5 .1	1.7 1.4 1 1.6 .3	1.9 1.8 .1 1.7 .1 -1.5
Net exports of goods and services	.1	2	6	-1.4	1.8	-1.0	4	-1.2
Exports	1.1 .9 .2 -1.0 9 1	.9 .7 .2 –1.1 –1.0 –.1	1.1 .8 .3 -1.7 -1.6 1	.2 0 -1.6 -1.6 0	2.7 2.2 .4 8 8	1.1 1.0 .1 -2.1 -1.7 5	2.0 1.9 .1 -2.5 -2.3 2	.5 .2 -1.7 -1.6 1
Government consumption expenditures and gross investment	0	.1	1.3	2	0	1	.6	.2
Federal	2 2 0 .2	1 1 0 .2	.6 .5 .1 .7	3 2 1 .1	4 3 0 .4	4 6 .2 .3	.4 .3 .1 .1	1 .1 1 .3

Table 8.3.—Selected Per Capita Product and Income Series in Current and Chained Dollars

[Dollars]

			[Dollars	1				
				Seasona	lly adjuste	ed at ann	ual rates	
	1995	1996		1996			1997	
			II	III	IV	I	II	III
Current dollars:								
Gross domestic product	27,605	28,752	28,680	28,869	29,243	29,715	30,030	30,312
product Personal income Disposable personal	27,625 23,370		28,691 24,359	28,843 24,604	29,254 24,835	29,662 25,268	29,952 25,525	30,183 25,762
income Personal consumption	20,349	21,117	21,012	21,229	21,373	21,689	21,865	22,045
expenditures  Durable goods  Nondurable	18,837 2,312	19,608 2,389	19,562 2,407	19,660 2,386	19,919 2,395	20,247 2,466	20,303 2,409	20,624 2,488
goods Services	5,607 10,917	5,779 11,441	5,776 11,378	5,786 11,488	5,854 11,669	5,945 11,836	5,901 11,993	5,971 12,165
Chained (1992) dollars:								
Gross domestic product	25,616	26,088	26,111	26,116	26,333	26,599	26,760	26,914
product Disposable personal	25,642	26,101	26,126	26,102	26,354	26,562	26,704	26,813
income Personal consumption	18,861	19,116	19,081	19,161	19,152	19,331	19,439	19,522
expenditures  Durable goods  Nondurable	17,460 2,217	17,750 2,301	17,765 2,318	17,745 2,301	17,848 2,316	18,046 2,389		18,264 2,446
goods Services	5,367 9,877	5,393 10,057	5,397 10,052	5,393 10,052	5,408 10,125	5,460 10,202	5,420 10,278	5,466 10,357
Population (mid-period, thousands)	263,194	265,579	265,258	265,887	266,491	266,987	267,545	268,171

#### Table 8.4.—Auto Output

[Billions of dollars]

-			Sea	sonally	adjuste	ed at a	nnual ra	ates
	1995	1996		1996			1997	
			II	III	IV	ı	=	III
Auto output	140.4	134.6	144.6	144.5	128.7	136.4	130.2	136.8
Final sales  Personal consumption expenditures  New autos  Net purchases of used autos  Producers' durable equipment  New autos  Net purchases of used autos  Net exports  Exports  Imports  Gross government investment	137.2 139.5 87.1 52.4 42.3 74.5 -32.2 -47.1 16.7 63.8 2.4	141.3 86.1 55.3 45.3 79.2 -33.9 -48.9 17.0	145.0 87.0 58.1 45.3 80.8 -35.5 -49.2 16.4	141.5 84.8 56.7 48.0 84.0 -35.9 -51.3 17.1 68.3	138.4 85.3 53.2 45.9 76.9 -31.1 -48.8 16.8	145.2 87.9 57.3 48.8 82.5 -33.7 -58.4 16.6	136.7 81.3 55.4 47.4 79.5 –32.1 –54.9 18.1	90.7 52.5 50.4 81.4 -31.0 -59.4 16.1 75.5
Change in business inventories of new and used autos  New Used	<b>3.2</b> 3.1 .2	<b>-5.4</b> -5.6 .2		<b>4.3</b> 3.7 .6				. <b>3</b> .1 .1
Addenda:  Domestic output of new autos <sup>1</sup> Sales of imported new autos <sup>2</sup>	122.8 59.0	121.1 58.2	127.3 57.6				116.8 61.1	125.3 65.2

<sup>1.</sup> Consists of final sales and change in business inventories of new autos assembled in the United States. 2. Consists of personal consumption expenditures, producers' durable equipment, and gross government invest-

### Table 8.6.—Truck Output

[Billions of dollars]

Truck output 1	133.1	136.7	138.9	134.2	138.5	145.0	140.2	149.4
Final sales	130.3	137.4	134.7	134.6	141.6	141.1	138.3	148.4
Personal consumption expenditures	62.0	63.7	63.1	62.1	63.9	63.2	60.1	66.8
Producers' durable equipment	65.8	71.6	69.8	72.9	74.9	76.1	75.5	79.4
Net exports	-5.1	-4.7	-4.9					-6.7
Exports	7.7	9.0	9.0	8.5	10.2	10.2	10.0	10.4
Imports	12.8	13.7	14.0	14.8	13.4	15.7	15.3	17.1
Gross government investment	7.6	6.8	6.7	5.9	6.1	7.2	8.1	8.9
Change in business inventories	2.8	7	4.1	4	-3.1	3.8	1.8	1.0

<sup>1</sup> Includes new trucks only

### Table 8.5.—Real Auto Output

[Billions of chained (1992) dollars]

•		•		•				
			Sea	sonally	adjuste	ed at ar	nnual ra	ates
	1995	1996		1996			1997	
			II	III	IV	ı	II	III
Auto output	127.6	119.9	129.6	127.9	113.7	119.7	116.8	121.0
Final sales Personal consumption expenditures New autos Net purchases of used autos Producers' durable equipment New autos Net purchases of used autos Net exports Exports Imports Gross government investment	125.2 122.0 80.6 40.8 43.4 68.9 -25.3 -42.2 16.0 58.2 2.2	121.2 78.2 42.1 45.1 72.0 -26.6 -43.6 16.0 59.6	124.8 79.3 44.4 45.4 73.7 -27.8 -43.9 15.5 59.4	121.0 76.7 43.2 47.2 75.9 -28.4 -45.6 16.1 61.8	118.0 77.0 40.2 44.9 69.5 -24.6 -43.4 15.8 59.2	123.6 79.6 43.1 48.0 74.7 -26.6 -52.0 15.6 67.6	73.7 42.4 46.1 72.1 -25.9 -48.7 17.0 65.7	124.3 82.3 41.4 48.1 73.9 -25.8 -52.3 15.1 67.4
Change in business inventories of new and used autos  New	<b>2.2</b> 2.5 –.1	-5.2 .3	2.0	3.6 .5	-8.1 0		2.3	9
Residual	.2	.6	.3	.3	.8	.5	.4	.4
Addenda:  Domestic output of new autos <sup>1</sup> Sales of imported new autos <sup>2</sup>	114.2 54.5							

Consists of final sales and change in business inventories of new autos assembled in the United States.
 Consists of personal consumption expenditures, producers' durable equipment, and gross government invest-

### Table 8.7.—Real Truck Output

[Billions of chained (1992) dollars]

Truck output 1	119.6	121.1	122.9	118.7	122.6	127.6	123.6	131.7
Final sales	117.0	121.7	119.1	119.0	125.3	124.2	121.9	130.8
Personal consumption expenditures	55.6	55.8	55.4	54.2	55.4	54.6	51.9	57.7
Producers' durable equipment	58.9	63.7	61.9	64.7	67.0	67.8	67.5	71.0
Net exports	-4.3	-3.7	-4.0	-5.1	-2.3	-4.4	-4.5	-5.7
Exports	7.5	8.7	8.7	8.2	9.8	9.8	9.4	9.8
Imports	11.8	12.4	12.7	13.4	12.1	14.2	13.9	15.5
Gross government investment	6.8	6.1	5.9	5.2	5.5	6.4	7.2	8.0
Change in business inventories	2.6	6	3.9	3	-2.9	3.6	1.7	.9
Residual	0	2	2	.1	1	4	2	2

<sup>2.</sup> Otrisis of personal consumption experiments product of the chain-type quantity index and the 1992 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

<sup>1.</sup> Includes new trucks only.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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.

# 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 November 28, 1997 and include "preliminary" estimates for October 1997 and "revised" estimates for July through September.

Table B.1.—Personal Income

[Billions of dollars; monthly estimates seasonally adjusted at annual rates]

				19	96						199	97				-
	1995	1996	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>r</sup>	Aug. r	Sept. r	Oct. p
Personal income	6,150.8	6,495.2	6,582.0	6,575.6	6,615.2	6,664.4	6,700.1	6,750.3	6,788.2	6,800.9	6,822.8	6,863.5	6,874.2	6,914.3	6,937.6	6,972.8
Wage and salary disbursements Private industries Commodity-producing industries Manufacturing Distributive industries Service industries Government	3,429.5 2,806.5 864.4 648.4 783.1 1,159.0 623.0	3,632.5 2,989.9 909.1 674.7 823.3 1,257.5 642.6	3,694.6 3,047.1 920.6 681.8 836.9 1,289.6 647.5	3,683.5 3,035.4 921.7 681.8 832.1 1,281.6 648.1	3,713.4 3,064.4 926.5 684.7 840.8 1,297.1 649.1	3,753.7 3,104.0 935.2 690.4 848.9 1,319.9 649.7	3,754.1 3,098.7 936.3 690.5 847.7 1,314.6 655.5	3,799.1 3,140.9 943.4 693.4 857.9 1,339.6 658.2	3,821.3 3,161.7 948.8 698.4 864.8 1,348.1 659.7	3,822.1 3,161.2 950.3 699.5 863.1 1,347.7 660.9	3,835.1 3,173.1 953.7 700.3 865.0 1,354.5 661.9	3,867.6 3,204.5 954.5 701.2 872.9 1,377.1 663.1	3,869.9 3,204.6 955.5 701.5 872.2 1,376.8 665.4	3,902.2 3,234.5 962.0 706.5 883.7 1,388.9 667.7	3,912.4 3,242.1 966.0 709.2 882.5 1,393.7 670.2	3,936.3 3,264.2 974.9 717.1 887.7 1,401.6 672.1
Other labor income	406.8	407.6	410.2	407.2	408.7	411.4	410.5	412.5	413.9	414.4	415.3	415.6	416.6	417.6	418.9	420.1
Proprietors' income with IVA and CCAdj	488.9 23.4 465.5	520.3 37.2 483.1	525.0 40.7 484.4	526.6 40.8 485.8	528.4 40.5 487.9	529.8 39.9 490.0	532.2 39.4 492.8	534.5 39.9 494.6	537.2 41.4 495.8	540.9 43.0 497.9	543.6 43.8 499.8	546.5 44.0 502.4	546.5 42.8 503.7	545.7 40.3 505.3	548.0 38.4 509.6	551.6 38.0 513.6
Rental income of persons with CCAdj	132.8	146.3	149.2	149.2	149.2	149.1	148.5	149.3	149.2	149.3	148.9	147.8	147.6	148.6	148.3	147.6
Personal dividend income	251.9	291.2	292.7	293.7	295.0	296.9	310.7	312.5	314.4	316.3	318.3	320.3	322.4	324.5	326.6	328.6
Personal interest income	718.9	735.7	746.2	747.8	749.8	751.8	754.3	757.0	760.4	763.4	766.0	768.9	772.2	775.7	779.0	782.2
Transfer payments to persons Old-age, survivors, disability, and health insurance benefits Government unemployment insurance benefits Other	1,015.0 507.8 21.4 485.7	1,068.0 537.6 22.0 508.4	1,074.3 540.8 21.7 511.9	1,077.0 542.3 21.3 513.4	1,081.8 546.2 21.1 514.6	1,085.5 548.2 22.3 515.0	1,105.5 559.5 22.1 523.9	1,104.1 555.6 22.0 526.5	1,111.9 561.5 22.0 528.4	1,114.6 562.4 22.0 530.2	1,116.6 564.8 21.9 529.9	1,119.7 565.9 21.9 531.9	1,122.2 567.3 21.8 533.1	1,125.2 570.4 21.6 533.2	1,130.4 570.4 21.9 538.1	1,133.8 571.9 21.9 540.0
Less: Personal contributions for social insurance	293.1	306.3	310.2	309.4	311.3	313.8	315.8	318.7	320.1	320.1	320.9	323.0	323.1	325.2	325.9	327.4

CCAdj Capital consumption adjustment

IVA Inventory valuation adjustment Source: U.S. Department of Commerce, Bureau of Economic Analysis.

### Table B.2.—The Disposition of Personal Income

[Monthly estimates seasonally adjusted at annual rates]

	[wonting estimates seasonally adjusted at annual rates]															
	1995	1996		19	996						19	97				
	1995	1996	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>r</sup>	Aug. r	Sept. r	Oct. P
							Billions of	dollars, unle	ess otherwis	e indicated						
Personal income	6,150.8	6,495.2	6,582.0	6,575.6	6,615.2	6,664.4	6,700.1	6,750.3	6,788.2	6,800.9	6,822.8	6,863.5	6,874.2	6,914.3	6,937.6	6,972.8
Less: Personal tax and nontax payments	795.1	886.9	909.1	909.4	921.7	936.8	942.3	957.7	967.0	970.4	978.3	988.9	990.9	998.6	1,001.6	1,008.1
Equals: Disposable personal income	5,355.7	5,608.3	5,673.0	5,666.2	5,693.5	5,727.6	5,757.8	5,792.7	5,821.2	5,830.5	5,844.5	5,874.5	5,883.4	5,915.7	5,936.0	5,964.7
Less: Personal outlays	5,101.1	5,368.8	5,403.2	5,450.0	5,470.2	5,505.9	5,565.9	5,578.5	5,579.5	5,592.3	5,592.7	5,623.5	5,687.9	5,701.7	5,721.8	5,751.5
Personal consumption expenditures  Durable goods  Nondurable goods  Services	4,957.7 608.5 1,475.8 2,873.4	5,207.6 634.5 1,534.7 3,038.4	5,238.8 630.7 1,545.0 3,063.0	5,285.4 638.8 1,557.8 3,088.8	5,302.7 638.4 1,558.1 3,106.2	5,336.4 637.4 1,564.6 3,134.5	5,396.7 661.0 1,584.5 3,151.1	5,409.7 659.8 1,589.0 3,160.9	5,410.8 654.4 1,588.6 3,167.8	5,422.0 642.9 1,577.0 3,202.1	5,422.4 643.5 1,577.1 3,201.8	5,451.9 647.0 1,582.6 3,222.3	5,516.5 670.8 1,597.6 3,248.0	5,528.4 666.3 1,599.8 3,262.3	5,547.2 664.2 1,606.3 3,276.7	5,576.0 661.8 1,610.6 3,303.6
Interest paid by persons Personal transfer payments to rest of world	128.5 14.8	145.2 15.9	148.5 15.9	147.9 16.7	150.8 16.7	152.8 16.7	152.2 17.0	151.7 17.0	151.6 17.0	152.7 17.6	152.7 17.6	154.0 17.6	153.9 17.6	155.6 17.6	157.0 17.6	157.9 17.6
Equals: Personal savings	254.6	239.6	269.8	216.3	223.3	221.7	191.9	214.2	241.7	238.2	251.8	251.0	195.4	214.0	214.2	213.3
Addenda: Disposable personal income:																
Billions of chained (1992) dollars <sup>1</sup>	4,964.2 20,349 18,861 263,194	5,076.9 21,117 19,116 265,579	5,110.3 21,318 19,204 266,106	5,087.2 21,277 19,103 266,308	5,101.1 21,364 19,142 266,492	5,123.0 21,478 19,211 266,672	5,142.3 21,579 19,272 266,826	5,159.4 21,697 19,326 266,975	5,181.4 21,789 19,394 267,161	5,185.5 21,808 19,396 267,354	5,198.7 21,845 19,431 267,541	5,218.3 21,941 19,490 267.741	5,216.9 21,957 19,469 267,952	5,239.8 22,059 19,539 268,171	5,249.1 22,117 19,558 268,390	5,266.6 22,207 19,608 268.592
Personal consumption expenditures: Billions of chained (1992) dollars Durable goods Nondurable goods Services Implicit price deflator, 1992=100	4,595.3 583.6 1,412.6 2,599.6 107.9	4,714.1 611.1 1,432.3 2,671.0 110.5	4,719.2 608.0 1,437.5 2,673.9 111.0	4,745.2 616.0 1,443.7 2,686.1 111.4	4,751.0 617.2 1,439.3 2,694.7 111.6	4,773.1 618.2 1,440.7 2,714.0 111.8	4,819.8 641.2 1,456.0 2,724.2 112.0	4,818.3 638.4 1,458.1 2,723.2 112.3	4,816.1 633.8 1,459.2 2,724.2 112.3	4,822.2 625.9 1,446.3 2,749.1 112.4	4,823.2 628.1 1,449.1 2,745.5 112.4	4,842.9 633.0 1,454.7 2,755.0 112.6	4,891.5 657.6 1,466.1 2,769.8 112.8	4,896.8 655.7 1,464.8 2,777.7 112.9	4,905.3 654.3 1,466.9 2,785.1 113.1	4,923.3 653.3 1,470.0 2,800.4 113.3
Personal saving as percentage of disposable personal income <sup>2</sup>	4.8	4.3	4.8	3.8	3.9	3.9	3.3	3.7	4.2	4.1	4.3	4.3	3.3	3.6	3.6	3.6
	Percent change from preceding period															
Personal income, current dollars	6.2	5.6	0.7	-0.1	0.6	0.7	0.5	0.7	0.6	0.2	0.3	0.6	0.2	0.6	0.3	0.5
Disposable personal income: Current dollars Chained (1992) dollars	6.0 3.3	4.7 2.3	.6 .3	1 5	.5 .3	.6 .4	.5 .4	.6 .3	.5 .4	. <u>2</u> .1	.2 .3	.5 .4	.2 0	.5 .4	.3 .2	.5 .3
Personal consumption expenditures:	5.1	5.0	2	9	3	6	11	2	0	2	0	5	12	2	3	5

1.0

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

.3

Revised.

<sup>1.</sup> Disposable personal income in chained (1992) dollars equals the current-dollar figure divided by the implicit price deflator for personal consumption expenditures.

<sup>2.</sup> Monthly estimates equal personal saving for the month as a percentage of disposable personal income for

## Annual Estimates:

Except as noted, these tables are derived from the NIPA tables published in the August 1997 SURVEY OF CURRENT Business; they are consistent with the most recent comprehensive and annual revisions.

Table B.3.—Gross Domestic Product by Industry, Current-Dollar and Real Estimates for 1994-96

	Billio	ons of do	ollars		ns of cha			Billio	ns of do	llars		ns of cha	
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
·			7,636.0		'		Transportation services	22.1 184.6	23.0 191.6	24.0 200.3	21.7 176.9	23.2 178.4	24.0 181.6
Private industries	6,013.5	6,301.3	6,639.8	5,763.6	5,921.4	6,094.1	Telephone and telegraph	142.1	144.1	149.6	137.9	136.4	141.2
Agriculture, forestry and fishing	119.2 83.5	<b>111.0</b> 73.5		<b>119.1</b> 84.9	<b>111.4</b> 74.2	75.5	Radio and television  Electric, gas, and sanitary services	42.5 194.2	47.5 202.0	50.6 210.0	38.8 193.1	41.7 199.6	40.4 207.0
Agricultural services, forestry and fishing	35.7	37.5	40.5	34.9	37.0	37.6	Wholesale trade	468.0	484.4	516.8	448.6	457.5	493.3
Mining	94.9	99.8			108.4	101.9	Retail trade	615.3	637.6	667.9	601.2	622.5	648.5
Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels  Construction	5.9 13.1 66.7 9.2 <b>268.7</b>	6.8 12.3 71.0 9.6 <b>286.4</b>	6.8 12.3 84.4 10.2 <b>306.1</b>	5.7 15.5 72.2 9.2 <b>249.8</b>	5.5 15.7 77.7 9.5 <b>254.1</b>	6.3 16.6 69.4 10.1 <b>264.3</b>	Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers Insurance agents, brokers, and services	<b>1,267.6</b> 207.4 36.1 78.5 108.8 45.0	<b>1,361.3</b> 229.6 39.0 79.5 126.5 47.1	<b>1,448.5</b> 247.4 49.9 90.0 136.6 50.4	1,196.9 197.0 33.9 83.0 91.3 41.6		1,258.5 192.0 35.4 92.2 110.1 43.6
Manufacturing  Durable goods  Lumber and wood products  Furniture and fixtures  Stone, clay, and glass products	1,216.1 679.2 38.4 18.5 28.8	<b>1,286.3</b> 716.8 40.7 19.4 30.7	749.0 41.4 20.5 32.7	29.8 18.0 27.0	<b>1,273.7</b> 731.2 31.6 18.7 27.7	1,323.7 785.5 33.6 18.8 29.1	Real estate	802.9 607.3 195.6 –11.1	842.7 642.8 199.9 -3.2	886.2 673.3 212.9 –12.0	758.3 573.3 185.0 12.9	775.6 587.9 187.7 12.6	793.3 596.8 196.6 12.6
Primary metal industries Fabricated metal products Industrial machinery and equipment Electronic and other electric 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 Printing and publishing Chemicals and allied products Petroleum and coal products Rubber and miscellaenous plastics Leather and leather products	46.3 84.2 122.3 132.9 87.4 49.5 48.7 22.2 536.9 109.6 16.3 25.4 28.2 51.3 86.0 140.6 30.4 4.7	52.0 89.5 142.4 134.0 87.3 46.9 49.7 24.3 569.5 118.7 17.6 23.6 27.3 59.9 85.0 155.9 30.2 46.1	85.1 49.7 52.3 24.6 583.1 122.6 18.1 25.5 26.6 57.1 90.4 157.8 30.1 49.7 5.2	52.1 78.0 131.2 27.6 45.4 4.5	44.4 89.7 164.5 175.6 79.3 43.8 42.6 22.8 543.2 120.9 24.3 25.4 28.5 45.4 77.5 138.9 32.2 48.7	76.1 44.5 38.3 23.3 541.0 112.9 23.9 26.6 26.9 47.3 74.3 142.2 33.8 50.9 4.8	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 Membership organizations Other services Private households  Statistical discrepancy <sup>1</sup> Government	1,350.4 57.4 45.8 256.0 59.3 19.2 23.0 51.4 410.2 93.8 52.3 45.1 182.6 11.0 14.6 933.5	1,440.3 60.6 46.6 283.3 61.1 20.7 25.9 56.2 428.9 96.5 55.1 46.7 47.0 199.9 11.8 -28.2 964.1	1,539.5 63.7 49.1 318.5 65.0 22.5 29.9 60.8 447.0 100.0 58.2 49.3 48.9 215.2 11.5 -59.9 996.3	1,256.5 54.4 42.6 247.1 53.3 16.7 21.8 47.5 369.7 86.0 48.9 41.6 42.1 175.4 13.9 878.3	49.6 43.7 42.5 184.6 10.8 - <b>26.3</b> <b>877.4</b>	1,342.9 55.8 43.3 295.7 55.3 15.9 26.2 51.6 376.6 85.1 50.7 44.9 43.1 192.9 10.1 -54.7 874.1
Transportation and public utilities Transportation Railroad transportation Local and interurban passenger transit Trucking and warehousing Water transportation Transportation by air Pipelines, except natural gas	598.7 219.9 24.2 11.4 95.0 10.9 51.7 4.6	622.4 228.7 24.5 12.4 97.5 10.8 54.9 5.7	645.3 235.1 25.3 13.6 92.2 11.2 63.2 5.5	584.1 214.3 25.9 11.0 88.7 10.8 51.4 4.8	593.8 216.0 27.7 12.0 87.4 11.0 49.8 5.4	220.8 31.0 12.2 80.3	Federal General government Government enterprises  State and local General government Government enterprises  Not allocated by industry <sup>2</sup>	<b>324.9</b> 275.2 49.7 <b>608.6</b> 557.5 51.1	<b>326.2</b> 275.5 50.7 <b>637.9</b> 583.4 54.5	<b>331.5</b> 281.4 50.2 <b>664.7</b> 607.6 57.1	306.9 258.4 48.6 571.3 524.2 47.1 -60.4	248.1 49.0 <b>580.3</b> 532.2 48.0	290.6 240.9 49.7 583.4 535.2 48.2 -101.1

The current-dollar statistical discrepancy equals gross domestic product (GDP) measured as the sum of expenditures less gross domestic income—that is, GDP measured as the costs incurred and profits earned in domestic production. The chained (1992) dollar statistical discrepancy equals the current-dollar discrepancy deflated by the implicit price deflator for gross domestic business product.
 2. Equals GDP in chained (1992) dollars less the statistical discrepancy and the sum of GPO of the detailed industries.

NOTE.—Estimates are based on the 1987 Standard Industrial Classification. The table is derived from tables 7 and 10 in "Gross Product by Industry, 1947-96" in the November 1997 SURVEY OF CURRENT BUSINESS. The estimates reflect the most recent annual revision of the NIPA's.

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

	I abic	D.7.	1 61301	iai oc	Consumption Expenditures by Type of Expenditure								
	Billi	ons of do	llars		ns of cha			Billio	ons of do	llars		ns of chai 192) dollar	
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
Personal consumption expenditures	4,717.0	4,957.7	5,207.6	4,486.0	4,595.3	4,714.1	Personal business Brokerage charges and investment counseling (s.)	<b>370.4</b> 36.2	<b>389.1</b> 38.8	<b>421.1</b> 47.2	<b>352.1</b> 37.8	<b>350.7</b> 41.8	<b>363.6</b> 50.0
Food and tobacco Food purchased for off-premise consumption (n.d.) Purchased meals and beverages <sup>1</sup> (n.d.) Food furnished to employees (including military) (n.d.)	<b>761.7</b> 451.6 254.3 8.1	<b>783.8</b> 462.2 264.1 8.4	<b>805.7</b> 478.4 268.7 8.7	<b>735.0</b> 434.5 245.1 7.8	<b>737.9</b> 433.4 248.7 7.9	<b>736.5</b> 434.7 246.6 8.0	Bank service charges, trust services, and safe deposit box rental (s.)  Services furnished without payment by financial intermediaries except life insurance carriers and private	31.6	33.9	37.3	27.5	27.8	28.9
Food produced and consumed on farms (n.d.)	.5 47.3 633.6	.4 48.7 652.0	.4 49.6 669.9	.5 47.2 608.7	.5 47.4 610.2	.4 46.8 608.7	noninsured pension plans (s.)  Expense of handling life insurance <sup>17</sup> (s.)  Legal services (s.)  Funeral and burial expenses (s.)	151.5 72.6 48.8 11.1	159.8 75.4 49.1 12.2	169.9 79.9 52.2 12.8	146.5 68.1 45.3 10.1	141.9 67.9 44.0 10.5	143.9 68.5 45.2 10.4
consumption (n.d.)	53.9 27.0	54.9 28.2	57.3 28.9	53.7 25.6	54.5 25.9	55.5 25.7	Other <sup>18</sup> (s.)	18.5	19.9	21.8	17.1	17.6	18.7
Clothing, accessories, and jewelry Shoes (n.d.) Clothing and accessories except shoes <sup>2</sup> Women's and children's (n.d.) Men's and boys' (n.d.) Standard clothing issued to military personnel (n. d) Cleaning, storage, and repair of clothing and shoes (s.) Jewelry and watches (d.) Other <sup>3</sup> (s.)	312.7 36.0 211.6 137.5 74.1 .3 11.6 37.7 15.6	323.4 36.8 217.7 141.3 76.4 .3 12.3 39.3 17.1	336.3 38.1 226.0 145.8 80.2 .3 12.3 41.6 18.1	308.5 35.7 211.2 137.0 74.1 .3 11.0 35.6 14.7	321.8 36.6 220.6 144.2 76.4 .3 11.5 36.8 16.0	335.3 37.6 229.9 150.7 79.2 .3 11.3 39.7 16.6	Transportation  User-operated transportation New autos (d.) Net purchases of used autos (d.) Other motor vehicles (d.) Tires, tubes, accessories, and other parts (d.) Repair, greasing, washing, parking, storage, rental, and leasing (s.) Gasoline and oil (n.d.) Bridge, tunnel, ferry, and road tolls (s.)	542.2 502.6 91.2 44.1 76.8 34.5 116.4 109.4 2.6	572.3 530.1 87.1 52.4 79.4 35.8 128.7 114.4 2.8	602.2 557.7 86.1 55.3 82.1 37.9 140.1 122.6 2.9	515.3 476.6 86.2 37.5 71.4 35.1 108.5 109.8 2.4	528.0 487.8 80.6 40.8 71.7 36.2 116.5 113.1 2.4	540.3 497.7 78.2 42.1 72.5 38.3 123.3 114.1 2.5
Personal care	<b>68.4</b> 45.3 23.0	<b>71.9</b> 47.2 24.7	<b>75.7</b> 49.9 25.7	<b>65.5</b> 43.7 21.8	<b>67.9</b> 45.0 22.9	<b>70.1</b> 47.0 23.0	Insurance <sup>19</sup> (s.) Purchased local transportation Mass transit systems (s.) Taxicab (s.)	27.5 8.9 5.9 3.0	29.4 9.2 6.0 3.2	30.9 10.1 6.6 3.5	25.6 8.6 5.7 2.9	26.0 8.5 5.5 3.0	26.2 8.5 5.6 3.0
Housing Owner-occupied nonfarm dwellings space rent <sup>4</sup> (s.) Tenant-occupied nonfarm dwellings rent <sup>5</sup> (s.) Rental value of farm dwellings (s.) Other <sup>6</sup> (s.)	712.7 507.0 174.0 5.8 26.0	750.3 532.2 184.6 5.9 27.5	787.2 558.3 193.6 6.1 29.1	674.3 479.6 165.2 5.2 24.3	688.2 487.2 171.1 5.2 24.8	700.2 495.3 174.9 5.1 25.0	Purchased infercity transportation Railway (s.) Bus (s.) Airline (s.) Other <sup>20</sup> (s.)	30.7 .7 1.1 25.8 3.2	33.0 .8 1.3 27.7 3.3	34.4 .8 1.3 28.2 4.0	30.1 .7 1.1 25.5 2.8	31.7 .7 1.4 26.8 2.8	34.2 .7 1.4 28.8 3.3
Household operation  Furniture, including mattresses and bedsprings (d.)	535.0 45.9 25.6 24.0 52.3	562.8 48.0 27.2 25.3 54.5	<b>591.9</b> 49.6 27.8 27.4 58.2	514.5 43.2 25.0 23.5 51.4	533.6 44.2 26.6 25.0 53.1	<b>548.4</b> 44.6 27.1 26.9 56.1	Recreation  Books and maps (d.) Magazines, newspapers, and sheet music (n.d.) Nondurable toys and sport supplies (n.d.) Wheel goods, sports and photographic equipment, boats,	370.2 20.6 24.5 39.7	<b>402.5</b> 22.1 25.5 42.2	<b>431.1</b> 23.2 26.5 45.4	<b>365.2</b> 19.6 22.9 38.9	<b>395.7</b> 20.6 22.9 41.4	<b>424.4</b> 20.8 22.7 43.9
Semidurable house furnishings of (n.d.) Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n. d) Stationery and writing supplies (n.d.) Household utilities	50.8 15.1 163.8	28.9 52.3 15.8 168.5	30.1 54.5 17.0 177.9	25.7 50.2 14.4 156.3	26.9 50.0 14.4 159.4	28.2 50.6 14.8 163.1	and pleasure aircraft (d.) Video and audio products, computing equipment, and musical instruments (d.) Radio and telvision repair (s.) Flowers, seeds, and potted plants (n.d.)	35.6 78.5 4.5 13.4	39.1 85.2 4.9 13.9	42.0 89.7 5.1 14.9	34.8 87.4 4.2 13.4	37.7 101.8 4.5 13.2	40.3 119.5 4.5 14.4
Electricity (s.)  Gas (s.)  Water and other sanitary services (s.)	84.2 32.4 36.6	88.0 31.5 38.8	90.3 34.9 41.1	82.6 30.0 33.0	84.3 30.7 33.8	85.2 32.7 34.6	Admissions to specified spectator amusements 19.0 20.2 22.1 17.8 18.2 18.9 Motion picture theaters (s.) Legitimate theaters and opera, and entertainments of	5.6	6.0	6.3	5.2	5.4	5.4
Fuel oil and coal (n.d.) Telephone and telegraph (s.) Domestic service (s.) Other <sup>10</sup> (s.)	10.5 82.6 11.9 35.8	10.2 90.2 12.8 39.4	11.6 96.9 12.5 40.1	10.7 79.6 11.2 34.2	10.5 86.6 11.7 35.9	10.6 91.1 11.0 35.3	nonprofit institutions (except athletics) (s.)  Spectator sports <sup>21</sup> (s.)  Clubs and fraternal organizations <sup>22</sup> (s.)  Commercial participant amusements <sup>23</sup> (s.)  Pari-mutuel net receipts (s.)	8.2 5.2 11.8 36.2 3.3	8.7 5.5 12.7 41.5 3.3	9.3 6.4 13.0 46.2 3.5	7.7 4.9 11.2 34.1 3.1	7.9 5.0 11.5 38.0 3.1	8.0 5.5 11.8 41.1 3.1
Medical care Drug preparations and sundries 11 (n.d.) Ophthalmic products and orthopedic appliances (d.) Physicians (s.) Dentists (s.)	826.1 81.6 12.9 180.0 43.9	871.6 85.7 13.1 191.4 47.6	912.8 90.9 13.9 196.5 50.9	<b>751.0</b> 76.7 12.3 162.4 39.8	766.2 79.1 12.2 166.1 41.1	782.4 81.7 12.6 169.3 42.0	Other <sup>24</sup> (s.)  Education and research Higher education <sup>25</sup> (s.) Nursery, elementary, and secondary schools <sup>26</sup> (s.)	83.1 104.7 59.0 21.4	91.9 <b>112.2</b> 62.2 22.8	99.6 <b>119.6</b> 65.2 24.0	79.1 <b>96.8</b> 53.1 20.4	85.5 <b>99.4</b> 53.7 20.8	89.3 <b>102.7</b> 54.0 21.7
Other professional services <sup>12</sup> (s.) Hospitals and nursing homes <sup>13</sup> Hospitals	95.7 357.0	104.4 375.9	110.2 394.2	89.2 331.5	95.6 336.6	99.1 343.1	Other <sup>27</sup> (s.)  Religious and welfare activities <sup>28</sup> (s.)	24.4 <b>131.2</b>	27.2 <b>139.8</b>	30.3 <b>150.5</b>	23.4 <b>125.6</b>	25.0 <b>128.6</b>	27.2 <b>136.6</b>
Hospitals Nonprofit (s.) Proprietary (s.) Government (s.) Nursing homes (s.)	298.1 200.2 32.1 65.8 58.9	310.6 207.9 34.5 68.2 65.2	325.1 217.3 37.1 70.7 69.1	276.9 187.8 29.2 59.9 54.6	278.5 188.2 30.3 60.0 58.1	284.4 191.8 31.9 60.7 58.7	Foreign travel and other, net Foreign travel by U. S. residents (s.) Expenditures abroad by U. S. residents (n.d.) Less: Expenditures in the United States by nonresidents	-18.3 50.1 2.7	<b>-22.1</b> 51.9 2.6	<b>-26.5</b> 54.9 2.6	<b>-16.2</b> 48.8 2.8	<b>-19.5</b> 48.9 2.4	<b>-21.5</b> 50.8 2.4
Health insurance  Medical care and hospitalization <sup>14</sup> (s.) Income loss <sup>15</sup> (s.)  Workers' compensation <sup>16</sup> (s.)	55.0 42.9 2.7	53.6 40.7 2.9	56.3 41.8 3.2	40.0 36.6 2.4	37.5 35.2 2.5	36.9 34.7 2.6	(s.)	69.7 1.4	75.2 1.4	82.7 1.2	66.4 1.3	69.5 1.3	73.5 1.1
workers' compensation 16 (s.)	9.4	10.0	11.3	2.3	1.8	1.8	Residual				-5.7	-10.6	-17.8

- 1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunchrooms. In-cludes meals and beverages consumed both on-and off-premise.
- Includes luggage.
   Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal serv-
- ices.

  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.
- Consists of transient hotels, motels, clubs, schools, and other group housing.
   Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners, sewing machines, vacuum deaners, and other appliances.
   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.
- Consists largely of textile house furnishings, includes witing equipment and hard, power, and garden tools.
   Consists largely of textile house furnishings, including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes.
   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 serv-
- ices.

  12. Consists of osteopathic physicians, chiropractors, private duty nurses, chiropodists, podiatrists, and others pro-
- Viding 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 Blue Cross and Blue Shield plans and of other independent prepaid and self-insured
- neatin plans.

  15. Consists of premiums, less benefits and dividends, for income loss insurance.

  16. Consists of premiums, less benefits and dividends, for privately administered workers' compensation.

  17. Consists of (1) operating expenses of life insurance carriers and private noninsured pension plans, and (2) premiums, less benefits and dividends, of fraternal benefit societies. Excludes expenses allocated by commercial carriers to accident and health insurance.
- 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.

21. Consists of admissions to professional and amateur athletic events and to racetracks.

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.

- Consists of dues and fees excluding insurance premiums
- 23. Consists of uoes and ress excusing insurance premiums.
  23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations; casino gambling; and other commercial participant amusements.
- 24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.
- 25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and less expenditures for research and development financed under contracts or grants. For government institutions, equals student payments of tuition.
- 26. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.
- 27. Consists of (1) fees paid to commercial, business, trade, and correspondence schools and for educational services, not elsewhere classified, and (2) current expenditures (including consumption of fixed capital) by research
- organizations and foundations for education and research.

  28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are net of receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.

NOTES.—Consumer durable goods are designated (d.), nondurable goods (n.d.), and services (s.

NOTES.—Consumer durable goods are designated (d.), nondurable goods (n.d.), and services (s.). Estimates of foreign travel by U. S. residents (line 108) expenditures were \$0.3 billion in 1981. Beginning with 1984, estimates of foreign travel by U. S. residents include substantially improved estimates of U. S. residents foreign travel and passenger fare expenditures. Estimates of expenditures in the United States by nonresidents (line 110) include, beginning with 1981, 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. Beginning with 1984, estimates of expenditures in the United States by nonresidents include substantially improved estimates of nonresidents' travel expenditures. Expenditures in the United States by nonresidents are subtracted from total personal consumption ex-penditures. (line 110) because they are included in detailed tyne of expenditure estimates elsewhere in personal penditures (line 110) because they are included in detailed type of expenditure estimates elsewhere in personal consumption expenditures.

Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 Purchases of Structures by Type

Table B.o. Thivate Fale	iiuscs	or our	ictuics	Dy 19	pc	
	Billio	ons of do	llars		ns of cha 992) dolla	
	1994	1995	1996	1994	1995	1996
Private purchases of structures	463.6	478.4	517.0	432.8	430.0	453.7
Nonresidential	184.5	200.6	215.2	172.5	179.9	188.7
New	184.3	200.2	214.7	172.2	179.5	188.2
Nonresidential buildings, excluding farm Industrial  Commercial  Office buildings <sup>1</sup> Other <sup>2</sup> Religious  Educational  Hospital and institutional  Other <sup>3</sup>	125.5 28.9 61.9 25.8 36.1 3.8 5.6 13.7	140.8 32.5 70.8 29.8 41.0 4.2 6.2 12.5 14.5	156.1 32.1 77.6 32.1 45.5 4.4 7.5 13.4 21.1	116.9 27.0 57.7 24.1 33.6 3.5 5.2 12.7 10.8	126.1 29.1 63.4 26.7 36.7 3.8 5.6 11.2 13.0	136.7 28.1 68.0 28.2 39.8 3.9 6.6 11.7 18.5
Utilities Railroads Telecommunications Electric light and power Gas Petroleum pipelines	32.0 3.3 10.1 13.0 4.6 1.0	33.2 3.5 11.0 12.3 5.5 .9	33.3 4.6 11.9 11.0 4.7 1.0	29.9 3.0 9.6 12.1 4.2 .9	30.0 3.1 10.1 11.0 5.0 .8	29.3 3.9 10.4 9.8 4.2 .9
Farm	3.2 16.7 14.7 1.9 6.9	3.0 16.3 14.8 1.5 6.9	3.7 16.1 14.8 1.3 5.7	3.0 15.8 14.0 1.8 6.6	2.7 14.3 13.0 1.3 6.3	3.2 13.9 12.7 1.1 5.0
Brokers' commissions on sale of structures	1.5	1.6	1.8	1.4	1.5	1.6
Net purchases of used structures	-1.2	-1.3	-1.3	-1.2	-1.1	-1.2
Residential	279.1	277.8	301.7	260.3	250.0	265.0
New	248.5	246.9	267.0	230.8	220.8	233.6
New housing units  Permanent site  Single-family structures  Multifamily structures  Mobile homes  Improvements  Other <sup>5</sup>	177.2 167.9 153.8 14.1 9.3 71.0	174.4 163.1 145.2 17.9 11.3 72.0	192.1 179.4 159.1 20.3 12.6 74.4	162.0 153.7 140.1 13.6 8.3 68.4 .3	153.1 143.5 126.9 16.9 9.5 67.3	165.2 154.8 136.6 18.6 10.3 67.7
Brokers' commissions on sale of structures	31.6 -1.0	32.1 -1.1	36.3 -1.6	30.4 9	30.3 -1.0	32.7 -1.4
Residual				.3	1	.3

<sup>1.</sup> Consists of office buildings, except those constructed at industrial sites and those constructed by utilities for their own use.

NoTe. Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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 Purchases of Producers' Durable Equipment by Type

		u.b	4		~,	. , , , ,
	Billio	ns of do	llars		s of cha 92) dolla	
	1994	1995	1996	1994	1995	1996
Private purchases of producers' durable equipment	483.0	529.6	573.7	483.5	535.2	593.1
Nonresidential equipment	476.1	522.4	566.2	476.8	528.3	586.0
Information processing and related equipment Office, computing, and accounting machinery Computers and peripheral equipment 1 Other Communication equipment Instruments Photocopy and related equipment	152.1 59.3 51.8 7.5 52.8 22.1 17.9	172.8 73.5 65.6 7.9 59.4 22.4 17.6	195.1 88.1 78.7 9.3 65.9 23.4 17.7	165.1 73.9 67.2 7.3 53.7 21.2 17.3	201.8 108.1 102.8 7.5 62.0 21.2 16.6	253.1 164.2 160.8 9.0 69.9 21.8 16.4
Industrial equipment	109.3 10.5 4.8 24.4 26.9	121.5 11.1 4.2 28.2 31.2	127.5 11.7 4.0 29.6 32.8 28.5	105.5 10.4 4.6 23.3 25.9	113.4 10.6 4.0 26.0 29.0	117.0 11.0 3.7 26.6 29.9
equipment  Electrical transmission, distribution, and industrial apparatus	23.6 19.0	25.8	20.9	22.6 18.6	19.8	26.0 19.7
Transportation and related equipment	118.6 55.0 48.0 8.9 1.5 5.1	125.7 63.3 42.3 12.8 1.5 5.7	134.5 68.9 45.3 13.4 1.6 5.3	113.2 50.6 47.8 8.4 1.5 4.9	118.9 56.7 43.4 11.6 1.4 5.2	125.0 61.3 45.1 11.8 1.4 4.6
Other equipment Furniture and fixtures Tractors Agricultural machinery, except tractors Construction machinery, except tractors Mining and oilfield machinery Service industry machinery Electrical equipment, n.e.c. Other	99.9 25.6 9.9 9.7 12.0 1.5 13.4 10.7 16.9	106.9 28.1 10.4 10.4 13.5 1.8 14.4 10.8 17.5	113.7 30.2 10.9 10.9 14.4 2.3 15.2 11.1 18.6	96.0 24.5 9.5 9.2 11.4 1.5 13.0 10.6 16.3	100.3 26.2 9.8 9.6 12.4 1.7 13.5 10.4 16.5	104.6 27.4 10.2 9.9 13.0 2.1 14.0 10.8 17.2
Less: Sale of equipment scrap, excluding autos	3.7	4.5	4.6	3.1	3.4	3.8
Residential equipment	6.9	7.2	7.5	6.7	7.0	7.1
Residual				-1.4	-10.3	-33.8
Addenda:  Private purchases of producers' durable equipment	483.0 4.9 1.0 31.3 1.5 3.8	529.6 5.3 1.1 37.6 .6 4.6	573.7 5.8 1.2 39.7 .7 4.6			
Equals: Private purchases of new equipment	513.7	566.0	611.8			

<sup>1.</sup> Includes new computers and peripheral equipment only.

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 hospitals.
 Consists primarily of streets, dams and reservoirs, sewer and water facilities, parks, and airfields.

Consists primarily of dormitories, fraternity and sorority houses, and nurses' homes.

Note: Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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]

						[IVIIIIons o	or dollarsj						
	(	Compensatio	n	Wage a	and salary a	ccruals		C	Compensatio	n	Wage a	ind salary a	ccruals
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
Total	4,012,002	4,215,434	4,426,912	3,254,030	3,442,583	3,633,641	Communications Telephone and telegraph	67,070 51,679	71,112 53.701	75,153 56.202	55,320 42,517	58,933 44,315	62,279 46,361
Domestic industries	4,014,482	4,217,968	4,429,472	3,256,510	3,445,117	3,636,201	Radio and television  Electric, gas, and sanitary services	15,391 53,856	17,411 54,741	18,951 54,946	12,803 42,894	14,618 43,727	15,918 43,978
Private industries	3,213,814	3,392,629	3,574,191	2,654,320	2,822,137	2,993,607	,	259.828		,			246.452
Agriculture, forestry, and fishing	<b>34,780</b> 14,477	<b>37,011</b> 15,588	<b>39,619</b> 16,385	<b>29,852</b> 12,325	<b>31,915</b> 13,309	<b>34,476</b> 14,163	Wholesale trade	,.	276,202	289,438	217,964	234,467	., .
Agricultural services, forestry, and fishing	20.303	21,423	23,234	17,527	18,606	20,313	Retail trade	365,722	383,120	399,951	313,776	329,936	345,994
Mining	32.656	32,892	33.678	26,378	26,843	27.644	Finance, insurance, and real estate Depository institutions	<b>310,211</b> 77,101	<b>324,894</b> 80,243	<b>350,180</b> 83,793	<b>260,045</b> 62,949	<b>273,124</b> 65,664	<b>296,112</b> 69,013
Metal mining	2,791	3,145	3,358	2,187	2,518	2,707	Nondepository institutions	21,474 53,798	21,677 59,450	25,089 68.973	18,087 46.857	18,317 51.967	21,223 60.688
Coal mining	6,375	6,174	5,974	4,993	4,884	4,739	Security and commodity brokers	70,378	72,737	75,871	58,148	60,125	63.079
Oil and gas extraction Nonmetallic minerals, except fuels	19,069 4,421	18,929 4,644	19,539 4,807	15,606	15,628	16,240	Insurance agents, brokers, and		12,101	70,071	00,140	00,120	00,010
Nonmetallic minerals, except luels	4,421	4,044	4,607	3,592	3,813	3,958	service	29,514	31,008	32,828	25,039	26,384	28,031
Construction	182,016	193,746	209,279	147,425	157,684	172,234	Real estate Holding and other investment offices	41,284 16,662	42,182 17,597	44,906 18,720	34,567 14,398	35,442 15,225	37,910 16,168
Manufacturing	792,034	816,853	839,754	625,496	651,750	675,067	Services	970.992	1,051,394	1.125.269	821.544	894.648	964.556
Durable goods	486,844	505,167	521,750	379,616	398,272	416,061	Hotels and other lodging places	34,231	35.886	37.676	28,966	30,557	32.322
Lumber and wood products Furniture and fixtures	23,018 14,927	23,802 15,443	24,832 15,754	18,495 11.986	19,401 12.584	20,459 12,964	Personal services	22,439	23,495	24,609	19,383	20,405	21,518
Stone, clay, and glass products	21,564	22,129	22,920	17,054	17,706	18,548	Business services	168,265	193,888	221,473	142,292	165,300	190,526
Primary metal industries	36,102	37,261	37,888	26,841	27,990	28,866	Auto repair, services, and parking Miscellaneous repair services	25,924 10,222	27,830 11,247	30,388 12,103	22,053 8,709	23,824 9.650	26,212 10,455
Fabricated metal products	56,398	58,594	60,161	44,496	46,794	48,553	Motion pictures	14,426	16.837	18,956	12.224	14.399	16,289
Industrial machinery and equipment Electronic and other electric	95,407	100,891	105,182	76,720	82,191	86,528	Amusement and recreation services	31,264	34,526	37.235	26,179	29,150	31.764
equipment	72.726	77.181	80.895	58.302	62.681	66.179	Health services	325,041	344,680	359,179	271,678	289,564	303,790
Motor vehicles and equipment	61,771	65,047	65,911	42,384	44,886	46,377	Legal services	56,886	58,333	60,452	48,407	49,761	51,905
Other transportation equipment	47,367	46,243	47,105	36,861	36,172	37,186	Educational services Social services and membership	49,079	51,755	54,601	41,294	43,697	46,503
Instruments and related products Miscellaneous manufacturing	44,806	45,579	47,745	35,960	37,013	39,158	organizations	86,121	91,565	95.877	73,364	78,346	82,749
industries	12,758	12,997	13,357	10,517	10,854	11,243	Social services	42,375	45,862	48,350	35,109	38,282	40,766
Nondurable goods	305,190	311.686	318.004	245.880	253,478	259.006	Membership organizations	43,746	45,703	47,527	38,255	40,064	41,983
Food and kindred products	59,381	61,042	62,422	47,614	49,527	50,746	Other services <sup>1</sup>	136,059 11,035	149,531	161,263	116,205	128,432	139,316
Tobacco products	2,768	2,949	3,014	2,062	2,215	2,268	Private nouseroids	11,035	11,821	11,457	10,790	11,563	11,207
Textile mill products Apparel and other textile products	19,274 21,352	18,956 20,996	18,744 20,379	15,840 17,442	15,697 17,322	15,544 16,816	Government	800.668	825,339	855,281	602,190	622,980	642,594
Paper and allied products	32,236	32,936	33,661	26,230	27,058	27,672	Federal	258,006	258,051	264,853	173,413	175,045	177,228
Printing and publishing	58,652	60,387	62,308	48,193	50,087	51,718	General government	208,312	207,288	212,849	139,744	140,708	142,038
Chemicals and allied products	63,653	65,393	67,538	50,743	52,582	54,411	Civilian Military <sup>2</sup>	123,976 84,336	123,427 83,861	125,174 87,675	84,864 54,880	84,540 56,168	85,541 56,497
Petroleum and coal products Rubber and miscellaneous plastics	10,769	10,834	10,738	7,796	7,837	7,791	Government enterprises	49,694	50.763	52.004	33,669	34,337	35,190
products	34.133	35.322	36.478	27,527	28.784	29.803	State and local	542,662	567,288	590,428	428,777	447,935	465,366
Leather and leather products	2,972	2,871	2,722	2,433	2,369	29,803 2,237	General government	506,154	529,188	551,031	399,489	417,381	433,845
		l					Education	265,457	279,024	292,665	207,472	217,962	228,252
Transportation and public utilities	<b>265,575</b> 144,649	<b>276,517</b> 150,664	287,023 156,924	211,840	<b>221,770</b> 119,110	<b>231,072</b> 124,815	Other	240,697 36,508	250,164 38,100	258,366 39.397	192,017 29,288	199,419 30.554	205,593 31,521
TransportationRailroad transportation	15.346	15,313	15,525	113,626 11,249	11,271	11,422	Government enterprises	30,300	30,100	35,351	25,200	30,334	31,321
Local and interurban passenger	-,-						Rest of the world	-2,480	-2,534	-2,560	-2,480	-2,534	-2,560
_ transit	8,911	9,374	10,101	7,292	7,731	8,381	Receipts from the rest of the world	1,239	1,323	1,338	1,239	1,323	1,338
Trucking and warehousing	63,763	66,914	60,838	49,750	52,594	47,040	Less: Payments to the rest of the world <sup>3</sup>	3,719	3,857	3,898	3,719	3,857	3,898
Water transportation Transportation by air	7,757 34,424	7,843 35,714	7,895 46,492	6,238 27,189	6,323 28,339	6,429 38,220	Addenda:						
Pipelines, except natural gas	1,126	1,051	1,007	929	869	829	Households and institutions	312,741	331,760	346,034			
Transportation services	13,322	14,455	15,066	10,979	11,983	12,494	Nonfarm business	2,972,798	3,134,144				
	1	1		i .	1	1							

Consists of museums, botanical, 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).

Compensation equals wage and salary accruals plus supplements to wages and salaries. "Supplements" are listed in table 8.15 of the August 1997 SURVEY OF CURRENT BUSINESS.

## Table B.8.—Employment by Industry

[Thousands]

						[THOU	SalluSj						
		me and pa employmen			ons engage roduction <sup>1</sup>	ed in			me and pa employmen			ons engage roduction 1	d in
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
Total	121,695	124,602	126,992	118,560	121,370	123,666	Transportation services	405	423	431	392	419	434
Domestic industries	122,258	125,171	127,543	119,042	121,858	124,151	Communications Telephone and telegraph Radio and television	1,293 916 377	1,307 915 392	1,347 936 411	1,192 844 348	1,219 851 368	1,258 873 385
Private industries	100,326	103,195	105,596	100,750	103,531	105,947	Electric, gas, and sanitary services	933	906	882	931	909	878
Agriculture, forestry, and fishing	<b>1,936</b> 840	<b>2,004</b> 868	<b>2,069</b> 860	<b>3,148</b> 1,791	<b>3,199</b> 1,810	<b>3,300</b> 1,818	Wholesale trade	6,235	6,475	6,558	6,324	6,559	6,589
Agricultural services, forestry, and fishing	1,096	1,136	1,209	1,357	1,389	1,482	Retail trade	21,159	21,867	22,256	18,897	19,476	19,866
Mining Metal mining Coal mining Oil and gas extraction Nonmetallic minerals, except fuels	606 49 113 339 105	587 52 106 321 108	583 54 99 321 109	607 49 110 345 103	590 52 103 327 108	586 54 97 327 108	Finance, insurance, and real estate Depository institutions Nondepository institutions Security and commodity brokers Insurance carriers	<b>7,021</b> 2,068 488 543 1,522	6,926 2,023 463 554 1,497	<b>7,051</b> 2,018 513 582 1,503	<b>7,251</b> 1,973 485 592 1,468	<b>7,216</b> 1,937 466 622 1,449	<b>7,315</b> 1,923 506 648 1,447
Construction	5,197	5,383	5,669	6,406	6,654	6,954	Insurance agents, brokers, and service	723 1,422	732 1,410	746 1,441	853 1,635	856 1,648	873 1,680
Manufacturing Durable goods Lumber and wood products Furriture 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 Leather and leather products	18,428 10,507 776 505 535 697 1,396 2,000 1,582 980 404 7,921 1,683 43 681 1,056 1,056 1,056	18,592 10,722 790 512 542 2,069 1,443 2,069 817 841 405 7,870 1,686 946 692 1,570 1,039 143	18,574 10,834 801 506 547 709 1,452 2,115 1,658 967 820 855 404 7,740 1,697 42 682 1,565 1,032 1,39 981 981	18,445 10,584 835 515 544 693 1,390 1,390 1,996 850 853 440 7,861 1,654 43 63 686 686 1,551 1,039 145	18,613 10,802 857 525 550 701 1,441 2,083 1,616 952 816 834 427 7,811 1,659 42 686 686 61,560 1,032 142	18,577 10,911 858 521 558 707 1,446 2,100 1,653 960 439 7,666 1,664 42 631 1,024 138	Holding and other investment offices  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 and membership organizations Social services Membership organizations Other services² Private households  Government Federal General government Civilian	255 33,684 1,712 1,276 6,352 1,075 350 458 1,421 9,318 2,024 4,478 2,328 2,150 2,877 1,284 21,932 5,728 4,748 2,100	247 35,186 1,754 1,300 6,935 1,132 374 506 1,516 2,075 4,637 2,454 2,183 3,049 1,281 21,976 5,560 4,573	248 36,544 1,791 1,317 7,484 1,205 389 353 1,593 9,809 1,063 2,141 4,760 2,534 2,226 3,193 1,246 21,947 5,357 4,366 1,952	245 33,627 1,549 1,725 6,538 1,338 1,368 498 1,264 4,8677 1,184 1,860 4,351 2,563 1,788 3,254 4,661 3,867 2,052	238 35,048 1,587 1,776 7,109 1,362 591 1,343 1,327 8,903 1,915 4,504 2,689 1,815 3,439 819 18,327 4,530 3,725 1,984	238 36,442 1,625 1,805 7,664 1,480 573 583 1,420 9,168 1,147 1,986 4,623 2,772 1,851 3,572 796 18,204 4,368 3,562 1,912
Transportation and public utilities Transportation Railroad transportation Local and interurban passenger transit Trucking and warehousing Water transportation Transportation by air Pipelines, except natural gas	6,060 3,834 233 407 1,843 179 750 17	6,175 3,962 232 420 1,916 178 778 15	6,292 4,063 224 440 1,658 177 1,119	6,045 3,922 220 437 1,977 175 704	6,176 4,048 220 431 2,054 178 731	6,318 4,182 212 444 1,854 174 1,050 14	Military 3 Government enterprises State and local General government Education Other Government enterprises  Rest of the world 4	2,648 972 16,212 15,295 8,220 7,075 917 -563	2,547 987 16,416 15,485 8,389 7,096 931 -569	2,414 991 16,590 15,655 8,542 7,113 935 -551	1,815 794 13,631 12,754 6,635 6,119 877 -482	1,741 805 13,797 12,910 6,770 6,140 887	1,650 806 13,836 12,945 6,791 6,154 891

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

Equals the number of full-time equivalent employees (table 6.5) plus the number of self-employed persons (table 6.7). Unpaid family workers are not included.
 Consists of museums, botanical, 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.

Do

Table B.9.—Wage and Salary Accruals Per Full-Time Equivalent Employee and Full-Time Equivalent Employees by Industry

Table B.3.—Wage allo	Jaiai	y Accit	uais re	r ruii-	iiiie L	quivale	iii Eilipioyee aliu Full-Tillie Equivale	iir Eiiik	noyees	by iii	uusii y		
		Dollars		1	housands				Dollars		T	housands	
		and salari ime equiva			ime equiva employees	alent			and salari ime equiva			ime equiva employees	lent
	1994	1995	1996	1994	1995	1996		1994	1995	1996	1994	1995	1996
Total <sup>1</sup>	30,131	31,032	32,121	107,996	110,935	113,125	Transportation services	29,593	30,884 49,316	31,551	371	388	396
Domestic industries	30,020	30,919	32,006	108,478	111,423	113,610	Communications	46,802 50,736	52,945	50,716 54,287	1,182 838	1,195 837	1,228 854
Private industries	29,432	30,314	31,378	90,186	93,096	95,406	Radio and television Electric, gas, and sanitary services	37,218 46,725	40,832 48,857	42,561 50,433	344 918	358 895	374 872
Agriculture, forestry, and fishing	<b>17,833</b> 17,118	<b>18,331</b> 17,888	<b>18,870</b> 18,709	<b>1,674</b> 720	<b>1,741</b> 744	<b>1,827</b> 757	Wholesale trade	36,504	37,817	39,256	5,971	6,200	6,278
Agricultural services, forestry, and fishing	18,372	18,662	18,984	954	997	1,070	Retail trade	18,130	18,300	18,821	17,307	18,029	18,383
Mining Metal mining	<b>44,482</b> 44.633	<b>46,683</b> 48,423	<b>48,329</b> 50,130	<b>593</b> 49	<b>575</b> 52	<b>572</b> 54	Finance, insurance, and real estate	39,282	41,698	44,629	6,620	6,550	6,635
Coal mining	45,391	47,417	48,856	110	103	97	Depository institutions	31,921	33,935 41,070	35,926 43,224	1,972 468	1,935 446	1,921 491
Oil and gas extraction	47,006	49,613	51,556	332	315	315	Nondepository institutions Security and commodity brokers	38,647 89,937	97,499	108,760	521	533	558
Nonmetallic minerals, except fuels	35,216	36,314	37,340	102	105	106	Insurance carriers	39,610	41,494	43,593	1,468	1.449	1.447
Construction	30.191	30,453	31,649	4,883	5,178	5.442	Insurance agents, brokers, and services	36,447	37.854	39.648	687	697	707
Construction	30,131	30,433	31,043	4,003	3,170	3,442	Real estate	27,456	28,308	29,780	1,259	1,252	1,273
Manufacturing	34,725	35.852	37,165	18,013	18,179	18.164	Holding and other investment offices	58,767	63,971	67,933	245	238	238
Durable goods	36,724	37,751	39,030	10,337	10,550	10,660							
Lumber and wood products	24,400	25,131	26,162	758	772	782	Services	27,886	28,987	29,935	29,461	30,864	32,222
Furniture and fixtures	24,312	25,068	26,085	493	502	497	Hotels and other lodging places	19,585	20,117	20,733	1,479	1,519	1,559
Stone, clay, and glass products	32,299	33,345	34,799	528	531	533	Personal services	17,337	17,915	18,518	1,118	1,139	1,162
Primary metal industries	38,788 32,455	40,100 32,954	41,003	692 1,371	698 1,420	704 1.425	Business services	24,554	25,942	27,713	5,795	6,372	6,875 1,136
Fabricated metal productsIndustrial machinery and equipment	32,455	40.093	34,072 41,761	1,371	2,050	2.072	Auto repair, services, and parking	21,943	22,454	23,074 29,204	1,005 320	1,061 343	358
Electronic and other electric equipment	37,277	39,005	40,279	1,564	1,607	1,643	Miscellaneous repair services Motion pictures	27,216 34,434	28,134 36,639	37,706	355	393	432
Motor vehicles and equipment	47,516	47.248	48,410	892	950	958	Amusement and recreation services	22,904	23,680	24,509	1,143	1,231	1,296
Other transportation equipment	43,674	44,712	45,683	844	809	814	Health services	32,780	34,098	34,624	8,288	8,492	8,774
Instruments and related products	42,506	44,810	46,451	846	826	843	Legal services	51,497	53,107	54,984	940	937	944
Miscellaneous manufacturing industries	27,317	28,192	28,902	385	385	389	Educational services	23,637	24,263	24,895	1,747	1.801	1.868
Nondurable goods	32,032	33,226	34,516	7,676	7,629	7,504	Social services and membership	20,007	24,200	24,000	1,7 -17	1,001	1,000
Food and kindred products	29,157	30,163	30,681	1,633	1,642	1,654	organizations	19,266	19,834	20.346	3.808	3.950	4,067
Tobacco products	47,953 23.642	52,738 24.002	54,000 24,950	43 670	42 654	42 623	Social services	17,381	17,931	18,396	2,020	2,135	2,216
Textile mill products Apparel and other textile products	18,169	18.828	19.877	960	920	846	Membership organizations	21,395	22,074	22,681	1,788	1,815	1,851
Paper and allied products	38,292	39,558	40,935	685	684	676	Other services 2	43,984	45,754	47,146	2,642	2,807	2,955
Printing and publishing	33,259	34,543	35,791	1,449	1,450	1.445	Private households	13,143	14,118	14,079	821	819	796
Chemicals and allied products	48.932	51,200	53,344	1,037	1,027	1,020							
Petroleum and coal products	53,766	55,190	56,457	145	142	138	Government	32,921	33,992	35,300	18,292	18,327	18,204
Rubber and miscellaneous plastics			·				Federal	37,205	38,641	40,574	4,661	4,530	4,368
products	29,253	29,921	30,884	941	962	965	General government	36,138	37,774 42,611	39,876 44,739	3,867 2,052	3,725 1,984	3,562 1,912
Leather and leather products	21,531	22,349	23,547	113	106	95	Civilian Military <sup>3</sup>	41,357 30,237	32,262	34,241	1,815	1,741	1,912
Towns and the send making addition	07.404	20.000	20.070	E 004	F 700	F 000	Government enterprises	42,404	42,655	43,660	794	805	806
Transportation and public utilities  Transportation	<b>37,401</b> 31.882	<b>38,369</b> 32,279	<b>39,278</b> 32,994	<b>5,664</b> 3,564	<b>5,780</b> 3,690	<b>5,883</b> 3,783	State and local	31,456	32,466	33,634	13,631	13,797	13.836
Railroad transportation	51,002	51,232	53,877	220	220	212	General government	31,323	32,330	33,514	12,754	12,910	12,945
Local and interurban passenger transit	19.655	20,133	20.848	371	384	402	Education	31,269	32,195	33,611	6,635	6,770	6,791
Trucking and warehousing	28,924	29,366	30,348	1,720	1,791	1,550	Other	31,380	32,479	33,408	6,119	6,140	6,154
Water transportation	37,353	37,862	38,729	167	167	166	Government enterprises	33,396	34,446	35,377	877	887	891
Transportation by air	38,953	39,088	36,644	698	725	1,043	<u> </u>	1					
Pipelines, except natural gas	54,647	57,933	59,214	17	15	14	Rest of the world 4				-482	-488	-485
							l l						

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.
 Consists of museums, botanical, zoological gardens; engineering and management services; and services, not

elsewhere classified.

<sup>4.</sup> 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.10.—Farm Sector Output, Gross Product, and National Income

	,		, u.i			
	Billio	ons of do	llars		ns of cha 992) dolla	
	1994	1995	1996	1994	1995	1996
Farm output	202.9	197.9	219.9	199.4	192.0	193.1
Cash receipts from farm marketings Crops	180.9 92.8 88.1 5.8 .5 4.9 10.8 9.7	193.9 106.9 87.0 5.9 .5 5.6 -7.9 -8.2	204.2 111.4 92.9 6.1 .4 6.3 2.9 4.1 -1.3	178.2 88.4 89.9 5.2 .5 4.8 11.7 9.2 1.2	188.5 96.9 91.3 5.2 .5 5.2 -9.2 -7.7	179.0 88.9 90.5 5.1 .4 5.3 2.6 3.0 -1.5
purchased	119.4 105.3 14.1	124.4 110.0 14.3	130.6 113.7 16.8	114.7 100.7 14.0	117.6 103.4 14.2	117.3 101.2 16.2
Equals: Gross farm product	83.5	73.5	89.4	85.0	74.2	75.5
Less: Consumption of fixed capital	23.7	24.7	25.6	22.4	22.8	23.2
Equals: Net farm product	59.8	48.8	63.8	62.9	51.3	52.2
Less: Indirect business tax and nontax liability	4.8 6.6	5.1 6.1	5.1 6.1	ı		ı
Equals: Farm national income Compensation of employees	61.5 14.6 12.3 2.2 37.8	49.7 15.7 13.3 2.4 24.7	64.9 16.5 14.2 2.3			
Proprietors' income Corporate profits Net interest	36.9 .9 9.1	23.4 1.2 9.4	37.2 1.4			

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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. CCAdj Capital consumption adjustment IVA Inventory valuation adjustment

Table B.11.—Housing Sector Output, Gross Product, and National

In	ncome					
	Billio	ons of do	llars		ns of cha	
	1994	1995	1996	1994	1995	1996
Housing output 1	686.7	722.7	758.1	649.9	663.4	675.2
Nonfarm housing Owner-occupied Tenant-occupied Farm housing	680.9 507.0 174.0 5.8	716.8 532.2 184.6 5.9	752.0 558.3 193.6 6.1	644.8 479.6 165.2 5.2	658.3 487.2 171.1 5.2	670.2 495.3 174.9 5.1
Less: Intermediate goods and services consumed	87.6	88.5	94.1	83.1	82.1	85.3
Equals: Gross housing product  Nonfarm housing  Owner-occupied  Tenant-occupied  Farm housing	<b>599.1</b> 594.4 439.5 155.0 4.7	634.2 629.2 462.8 166.4 5.0	664.0 658.8 484.0 174.9 5.1	<b>566.8</b> 562.7 415.6 147.1 4.2	<b>581.3</b> 577.0 423.1 153.9 4.3	589.9 585.7 428.3 157.5 4.2
Less: Consumption of fixed capital	120.5 60.9 –59.6	114.8 59.6 –55.1	118.2 62.8 –55.4	112.2	103.6	
Equals: Net housing product	478.6	519.4	545.8	454.5	477.8	485.5
Less: Indirect business tax and nontax liability plus business transfer payments	112.9	116.2	119.5			
Plus: Subsidies less current surplus of government enterprises	20.6	20.8	22.6			
Equals: Housing national income	386.4	424.0	448.9			
Compensation of employees	7.7 17.6 96.7 4.2 260.2	8.1 25.2 104.3 5.1 281.3	8.5 27.1 115.8 5.6 292.0			

Equals personal consumption expenditures for housing less expenditures for other housing as shown in table B.4.

NOTE.—Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 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. CCAdj Capital consumption adjustment IVA Inventory valuation adjustment

## Table B.12.—Net Stock of Fixed Private Capital, by Type

[Yearend estimates]

		[ t ear	ena esumai	esj								
		Current-c	ost valuatio	n (billions o	f dollars)			Chain-type	quantity i	ndexes (1	992=100)	
	1991	1992	1993	1994	1995	1996	1991	1992	1993	1994	1995	1996
Fixed private capital	12,955.2	13,484.1	14,198.8	15,064.5	15,738.6	16,503.4	98.49	100.00	101.94	104.15	106.67	109.58
Private producers' durable equipment	2,570.3	2,642.7	2,742.1	2,881.7	3,050.3	3,232.9	98.37	100.00	102.74	106.62	111.68	117.63
Nonresidential equipment	2,519.5	2,590.0	2,686.7	2,823.1	2,989.3	3,168.9	98.39	100.00	102.72	106.61	111.70	117.69
Information processing and related equipment  Office, computing, and accounting machinery	603.2 119.0	629.0 120.7	650.4 128.3	673.8 138.5	704.0 151.2	785.4 175.7	94.86 87.31	100.00 100.00	106.40 120.18	113.96 144.51	125.25 189.31	140.31 264.83
Computers and peripheral equipment	99.5	101.0	107.9	118.0	130.4	153.9	85.14	100.00	124.20	154.49	211.49	308.42
Other office equipment	19.5 318.9	19.7 330.8	20.4 333.0	20.6 335.3	20.9 342.7	21.8 391.5	99.35 97.21	100.00 100.00	101.27 102.41	101.08 106.50	101.82 112.84	108.04 120.39
Communication equipment	101.4	109.9	117.9	124.1	130.6	136.2	95.09	100.00	105.34	109.32	112.73	116.19
Photocopy and related equipment	64.0	67.5	71.2	75.8	79.4	82.0	97.52	100.00	104.27	109.02	112.00	113.98
Industrial equipmentFabricated metal products	898.3 87.7	916.8 86.7	945.7 87.0	991.4 90.3	1,050.3 93.5	1,083.6 95.7	99.38	100.00 100.00	101.38 100.07	103.55 100.95	106.34 101.72	108.92 102.72
Engines and turbines	50.8	51.8	53.2	56.8	58.4	59.7	97.84	100.00	102.12	104.56	105.58	105.86
Steam engines	46.0 4.8	47.1 4.7	48.2 5.0	51.5 5.4	52.5 5.9	53.5 6.3	97.48	100.00 100.00	102.13 102.06	104.33 106.76	104.68 114.34	104.57 118.43
Metalworking machinery	167.1	168.8	174.4	183.0	197.0	205.8	100.38	100.00	100.48	102.74	106.16	109.54
Special industry machinery, n.e.c	193.4 185.7	199.4 189.0	207.5 194.9	218.2 202.5	232.1 212.5	240.0 220.8	99.14	100.00 100.00	101.85 100.70	104.03 102.25	107.46 104.37	109.64 107.35
General industrial, including materials handling, equipment Electrical transmission, distribution, and industrial apparatus	213.6	221.0	228.7	240.5	256.7	261.6	100.53 97.65	100.00	100.70	105.65	109.13	112.29
Transportation and related equipment	491.2	510.0	538.9	581.2	627.2	660.5	98.93	100.00	102.30	106.91	111.87	116.89
Trucks, buses, and truck trailers	160.6 102.5	169.1 107.6	185.5 111.7	210.1 124.6	236.8 131.1	259.6 138.0	98.99 97.44	100.00 100.00	105.33 100.93	115.39 109.20	127.18 113.03	139.25 117.20
Aircraft	114.4	121.2	127.1	129.2	136.2	140.3	97.17	100.00	102.25	100.57	101.80	103.08
Ships and boatsRailroad equipment	45.5 68.2	45.1 67.1	45.6 69.0	44.7 72.7	44.3 78.8	44.4 78.3	103.69	100.00 100.00	98.25 99.65	95.33 100.79	92.42 102.22	89.79 102.81
Other equipment	526.8	534.2	551.8	576.6	607.7	639.4	100.42	100.00	101.19	103.29	106.07	109.92
Furniture and fixtures	140.0	146.1	153.8	163.0	175.0	186.2	96.81	100.00	103.04	105.84	110.10	115.18
Household furniture Other furniture	9.0 131.0	9.1 137.0	9.4 144.4	9.7 153.3	10.1 164.9	10.5 175.7	100.22 96.59	100.00 100.00	100.43 103.21	101.74 106.12	103.22 110.55	105.88 115.79
Tractors	54.1	54.1	55.1	57.2	59.1	60.9	102.77	100.00	99.71	101.34	103.25	105.60
Farm tractors	42.3 11.8	42.4 11.7	43.2 11.9	45.1 12.1	46.8 12.3	48.2 12.7	102.43 103.99	100.00 100.00	100.28 97.68	102.61 96.85	105.11 96.65	107.84 97.69
Agricultural machinery, except tractors	65.4	64.9	65.6	67.1	69.9	72.2	103.85	100.00	98.79	99.07	99.89	101.40
Construction machinery, except tractors	66.7 16.7	66.0 15.3	66.8 14.6	69.6 14.0	73.2 13.8	77.1 13.3	104.46 110.04	100.00 100.00	99.09 93.67	100.51 87.79	103.15 83.85	106.11 78.91
Service industry machinery	61.0	60.3	61.0	64.5	69.2	76.7	103.27	100.00	99.38	103.02	107.46	117.36
Electrical equipment, n.e.c	41.5 4.5	44.6 4.6	47.2 4.7	48.9 4.9	50.3 5.1	50.9 5.2	94.43 99.31	100.00 100.00	104.87 101.98	107.43 104.43	109.26 107.35	111.42 110.74
Other	37.0	40.1	42.5	44.0	45.2	45.7	93.87	100.00	105.20	107.77	109.47	111.49
Other nonresidential equipment  Residential equipment	81.2 <b>50.8</b>	83.0 <b>52.6</b>	87.7 <b>55.4</b>	92.4 <b>58.6</b>	97.2 <b>61.0</b>	102.1 <b>64.1</b>	98.81 <b>97.03</b>	100.00 <b>100.00</b>	103.18 <b>103.36</b>	106.40 <b>107.18</b>	109.34 <b>111.01</b>	112.59 <b>114.80</b>
Private structures	10,384.9	10,841.4	11,456.7	12,182.8	12,688.3	13,270.4	98.52	100.00	101.75	103.57	105.50	107.74
Nonresidential structures	4,177.2	4,302.7	4,528.9	4,775.6	4,970.8	5,163.3	98.92	100.00	101.16	102.20	103.61	105.43
Nonresidential buildings, excluding farm	2,593.9	2,686.1	2,834.9	3,011.3	3,144.1	3,299.0	98.44	100.00	101.38	102.97	105.02	107.92
Industrial buildings	589.7	613.0	636.2	673.6	700.7	725.9	98.36	100.00	100.17	101.44	103.03	104.54
Office buildings <sup>1</sup>	611.2 653.7	625.4 678.7	670.1 717.2	707.8 765.0	736.5 803.8	767.1 855.8	98.72 98.46	100.00 100.00	101.51 101.96	102.54 103.93	104.24 106.63	106.37 111.20
Mobile structures	6.4	6.6	7.2	7.9	8.3	8.7	98.26	100.00	101.54	103.27	105.36	107.95
Other commercial 2	647.4 119.7	672.1 123.5	710.1 129.4	757.1 136.6	795.5 141.4	847.1 146.2	98.47 99.10	100.00 100.00	101.97 101.10	103.94 102.06	106.64 103.23	111.24 104.47
Educational buildings	102.6	108.0	114.7	123.5	130.2	138.0	97.05	100.00	102.47	105.40	108.64	112.77
Hospital and institutional buildingsOther	246.2 270.8	259.8 277.6	276.7 290.6	297.9 307.0	311.6 319.9	325.6 340.5	96.87 99.67	100.00 100.00	102.72 100.79	105.71 101.88	108.08 103.76	110.59 108.01
Hotels and motels	135.6	139.2	145.9	153.7	161.0	173.3	99.51	100.00	101.03	101.79	104.25	109.82
Amusement and recreational buildings Other nonfarm buildings <sup>3</sup>	67.8 67.4	70.2 68.2	73.7 71.0	78.6 74.7	83.2 75.7	88.7 78.5	98.63	100.00 100.00	101.25 99.84	103.20 100.73	106.83 99.60	111.45 100.81
Utilities	1,032.3	1,062.0	1,120.2	1,159.7	1,199.7	1,236.4	99.44	100.00	100.59	100.76	101.29	101.73
Railroad Telecommunications	266.7 181.1	272.4 185.3	290.1 194.0	294.0 204.8	300.3 218.3	311.1 229.9	100.93 98.21	100.00 100.00	99.08 101.66	98.22 103.71	97.42 106.33	96.92 109.22
Electric light and power	410.9	423.8	443.4	459.6	476.5	481.8	99.61	100.00	100.86	100.77	101.20	101.28
GasPetroleum pipelines	136.8 36.8	143.1 37.5	153.0 39.6	160.0 41.2	163.1 41.5	170.4 43.2	97.56	100.00 100.00	101.42 100.18	101.99 100.25	102.88 100.00	103.23 99.92
Farm related buildings and structures	182.0	183.5	194.3	201.6	204.6	206.1	101.36	100.00	102.10	101.29	100.48	99.14
Mining exploration, shafts, and wells	263.8 234.7	259.0	260.1	274.5	283.7	278.5	101.90	100.00	99.14	98.31	97.36	95.89
Petroleum and natural gas Other mining	29.0	229.3 29.7	229.2 31.0	241.6 32.9	250.0 33.7	244.5 34.1	102.17 99.81	100.00 100.00	98.97 100.48	97.82 101.99	96.76 101.92	95.21 101.14
Other mining	105.2	112.1	119.4	128.4	138.7	143.3	94.60	100.00	104.32	107.95	111.30	113.37
Residential structures	6,207.7	6,538.7	6,927.8	7,407.2	7,717.5	8,107.1	98.25	100.00	102.14	104.47	106.75	109.25
Housing units  Permanent site	5,057.2 4,959.6	5,327.0 5,226.1	5,667.3 5,557.9	6,078.4 5,956.2	6,322.4 6,190.1	6,639.3 6,497.7	98.37 98.36	100.00 100.00	102.00 102.00	104.20 104.17	106.43 106.36	108.99 108.86
1-to-4-unit	4,226.4	4,465.3	4,796.1	5,182.3	5,398.5	5,662.9	98.09	100.00	102.37	105.01	107.45	110.22
5-or-more-unit	733.2 97.6	760.7 100.9	761.9 109.4	773.8 122.2	791.5 132.3	834.8 141.5	99.97 99.10	100.00 100.00	99.78 102.02	99.05 105.56	99.64 110.07	100.47 115.21
Improvements	1,124.7	1,185.1	1,232.6	1,299.8	1,365.8	1,438.0	97.64	100.00	102.83	105.87	108.42	110.75
Other residential 5	25.9	26.6	27.8	29.0	29.3	29.9	100.98	100.00	99.67	98.53	97.95	97.69

n.e.c. Not elsewhere classified.

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.
 Consists primarily of dormitories, fraternity and sorority houses, and nurses' homes.

# C. Historical Tables

The tables in this section are derived from the "Summary National Income and Product Series" tables that were published in the August 1997 issue of the Survey of Current Business. (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 data are seasonally adjusted at annual rates]

	D:11:			ls	-		ally adjusted at	-	1.0.				
Voor and	Billions	of chained (1992)	) dollars	Percent change peri		Chain-type p	price indexes	Implicit pric	e deflators		ercent change from	· · · · · · · · · · · · · · · · · · ·	
Year and 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 purchases	Implicit price Gross domestic product	Gross national product
1959	2,210.2	2,206.9	2,222.0	7.4	6.5	22.95	22.44	22.95	22.96	1.0	1.0	1.0	1.0
1960 1961	2,262.9 2,314.3	2,264.2 2,318.0	2,276.0 2,329.1	2.4 2.3	2.6 2.4	23.27 23.54	22.75 23.00	23.27 23.54	23.28 23.55	1.4 1.2	1.4 1.1	1.4 1.2	1.4 1.2
1962 1963	2,454.8 2,559.4	2,445.4 2,552.4	2,471.5 2,577.3	6.1 4.3	5.5 4.4	23.84 24.12	23.28 23.58	23.84 24.12	23.85 24.13	1.3 1.2	1.2 1.3	1.3 1.2	1.3 1.2
1964	2,708.4	2,705.1	2,727.8	5.8	6.0	24.48	23.94	24.48	24.49	1.5		1.5	1.5
1965 1966	2,881.1 3,069.2 3,147.2	2,860.4 3,033.5	2,901.4 3,087.8 3,166.4	6.4 6.5 2.5	5.7 6.1 3.0	24.95 25.66 26.48	24.39 25.07 25.83	24.96 25.67 26.49	24.97 25.68 26.50	1.9 2.8 3.2		2.0 2.8	2.0 2.8 3.2
1967 1968 1969	3,293.9 3,393.6	3,125.1 3,278.0 3,377.2	3,314.5 3,413.3	4.7 3.0	4.9 3.0	27.64 28.94	26.95 28.21	27.64 27.64 28.94	27.66 28.96	4.4 4.7	4.3 4.7	3.2 4.4 4.7	4.4 4.7
1970	3,397.6	3,406.5	3,417.1	.1	.9	30.48	29.73	30.48	30.50	5.3	5.4	5.3	5.3 5.2
1971 1972	3,510.0 3,702.3	3,499.8 3,689.5	3,532.1 3,726.3	3.3 5.5	2.7 5.4	32.05 33.42	31.32 32.71	32.06 33.42	32.08 33.44	5.2 4.2	5.3 4.5	5.2 4.2	4.2
1973 1974	3,916.3 3,891.2	3,883.9 3,873.4	3,950.1 3,930.2	5.8 6	5.3 3	35.30 38.46	34.64 38.17	35.30 38.47	35.32 38.49	5.6 8.9	5.9 10.2	5.6 9.0	5.6 8.9
1975 1976	3,873.9 4,082.9	3,906.4 4,061.7	3,903.3 4,118.8	4 5.4	.9 4.0	42.09 44.55	41.72 44.15	42.09 44.55	42.11 44.58	9.4 5.8	9.3 5.8	9.4 5.8	9.4 5.9
1977 1978	4,273.6 4,503.0	4,240.8 4,464.4	4,314.5 4,543.7	4.7 5.4	4.4 5.3	47.42 50.88	47.18 50.65	47.43 50.89	47.46 50.92	6.5 7.3	7.4	6.5 7.3	6.5 7.3 8.5
1979 1980	4,630.6 4,615.0	4,614.4 4,641.9	4,687.4 4,670.8	2.8 3	3.4	55.22 60.34	55.22 61.10	55.23 60.33	55.26 60.36	8.5 9.3	9.0	8.5 9.2	8.5 9.2
1981 1982	4,720.7 4,620.3	4,691.6 4,651.2	4,769.9 4,662.0	2.3 -2.1	1.1	66.01 70.18	66.72 70.64	66.01 70.17	66.05 70.21	9.4 6.3	9.2 5.9	9.4 6.3	9.4 6.3
1983 1984	4,803.7 5,140.1	4,821.2 5,061.6	4,844.8 5,178.0	4.0 7.0	9 3.7 5.0	73.16 75.92	73.31 75.90	73.16 75.92	73.20 75.97	4.3	3.8 3.5	4.3	4.3 3.8
1985	5,323.5	5,296.9	5,346.7	3.6	4.6	78.53	78.34	78.53	78.57	3.4	3.2	3.4	3.4
1986 1987 1988	5,487.7 5,649.5 5,865.2	5,480.9 5,626.0 5,855.1	5,501.2 5,658.2 5,878.5	3.1 2.9 3.8	3.5 2.6 4.1	80.58 83.06 86.10	80.40 83.11 86.13	80.58 83.06 86.09	80.62 83.09 86.12	2.6 3.1 3.7	2.6 3.4 3.6	2.6 3.1 3.7	2.6 3.1 3.7
1989	6,062.0	6,028.7	6,075.7	3.4	3.0	89.72	89.78	89.72	89.75	4.2	4.2	4.2	4.2
1990 1991	6,136.3 6,079.4	6,126.7 6,082.6	6,157.0 6,094.9	1.2 9	1.6 7	93.64 97.32	93.83 97.30	93.60 97.32	93.63 97.33	4.4 3.9	4.5 3.7	4.3 4.0	4.3 4.0
1992 1993	6,244.4 6,389.6	6,237.4 6,368.9	6,255.5 6,408.0	2.7 2.3	2.5 2.1	100.00 102.64	100.00 102.48	100.00 102.64	100.00 102.63	2.8 2.6	2.5	2.8 2.6	2.7 2.6
1994 1995	6,610.7 6,742.1	6,551.2 6,712.7	6,619.1 6,748.7	3.5 2.0	2.9 2.5	105.09 107.76	104.85 107.52	105.09 107.76	105.08 107.73	2.4 2.5	2.3	2.4	2.4 2.5
1996	6,928.4	6,901.0	6,932.0	2.8	2.8	110.22	109.86	110.21	110.18	2.3	2.2	2.3	2.5 2.3
1959: I II III	2,165.0 2,223.3 2,221.4	2,165.5 2,204.2 2,232.6	2,176.2 2,234.5 2,233.5	8.6 11.2 3	9.2 7.3 5.3	22.86 22.92 22.96	22.35 22.41 22.45	22.92 22.91 22.94	22.93 22.91 22.95	.8 1.1 .7	1.1 1.1 .7	.8 3 .6	.8 3 .6
IV	2,231.0	2,225.3	2,243.9	1.7	-1.3	23.05	22.53	23.03	23.04	1.5	1.5	1.6	1.6
1960: I II	2,279.2 2,265.5	2,248.5 2,268.4	2,291.6 2,278.2	8.9 -2.4	4.2 3.6	23.10 23.21	22.57 22.69	23.13 23.22	23.14 23.23	.9 2.0	2.1	1.8 1. <u>5</u>	1.9 1. <u>5</u>
III IV	2,268.3 2,238.6	2,265.1 2,274.7	2,281.6 2,252.7	.5 -5.1	6 1.7	23.32 23.44	22.80 22.92	23.32 23.40	23.33 23.41	2.0 2.1	2.0 2.1	1.7 1.4	1.7 1.4
1961: I II	2,251.7 2,292.0	2,277.7 2,301.1	2,266.8 2,306.3	2.4 7.4	.5 4.2	23.48 23.51	22.96 22.97	23.45 23.51	23.46 23.52	.7 .5	.6 .2	.9 1.0	.9 1.0
III IV	2,332.6 2,381.0	2,320.4 2,372.8	2,347.1 2,395.9	7.3 8.6	3.4 9.3	23.55 23.61	23.01 23.06	23.56 23.63	23.57 23.64	.7 1.1	.7 .9	.8 1.2	.8 1.2
1962: I II	2,422.6 2,448.0	2,400.3 2,440.7	2,437.4 2,464.4	7.2 4.3	4.7 6.9	23.73 23.80	23.17 23.24	23.75 23.81	23.76 23.81	2.0 1.1	1.9 1.4	2.0 1.0	2.0 1.0
III IV	2,471.9 2,476.7	2,462.0 2,478.7	2,488.4 2,495.9	4.0	3.5 2.7	23.86 23.96	23.31 23.41	23.87 23.94	23.87 23.95	1.1 1.7	1.1	1.0	1.0 1.2
1963: I	2,508.7	2,492.4	2,526.9	5.3	2.2	24.03	23.48	24.00	24.01	1.2		1.1	1.1
      V	2,538.1 2,586.3 2,604.6	2,533.8 2,578.0 2,605.3	2,555.5 2,604.0 2,622.9	4.8 7.8 2.9	6.8 7.2 4.3	24.07 24.11 24.26	23.53 23.58 23.72	24.07 24.12 24.29	24.08 24.13 24.30	.6 .7 2.4		1.1 .8 3.0	1.1 .8 3.0
1964: I	2,666.7	2,663.1	2,686.8	9.9	9.2	24.33	23.80	24.35	24.36	1.2	1.3	.9	.9
II III	2,697.5 2,729.6	2,695.0 2,727.6	2,716.8 2,749.5	4.7 4.8	4.9 4.9	24.41 24.53	23.89 23.99	24.41 24.52	24.42 24.53	1.3 1.9	1.8	.9 1.8	.9 1.8
IV 1965: I	2,739.7 2,808.9	2,734.5 2,777.2	2,758.1 2,830.0	1.5	1.0 6.4	24.64 24.76	24.09 24.19	24.64 24.77	24.65 24.78	1.8	1.6	2.1	2.1 2.0
 	2,846.3 2,898.8	2,826.7 2,879.8	2,868.2 2,918.9	5.4 7.6	7.3 7.7	24.88 25.01	24.31 24.44	24.88 25.01	24.89 25.02	2.0 2.1	2.0 2.2	1.9	1.9 2.1
IV	2,970.5	2,957.8	2,988.6	10.3	11.3	25.16	24.61	25.17	25.18	2.5	2.8	2.6	2.6
1966: I II	3,042.4 3,055.5 3,076.5	3,008.8 3,023.1 3,047.2	3,061.1 3,074.2 3,094.7	10.0 1.7 2.8	7.1 1.9 3.2	25.30 25.50 25.82	24.73 24.93 25.22	25.32 25.53 25.79	25.34 25.54 25.81	2.2 3.2 5.1	1.9 3.2 4.8	2.5 3.2 4.2	2.5 3.3 4.2
III IV	3,102.4	3,054.8	3,121.4	3.4	1.0	26.03	25.41	26.02	26.03	3.4	3.1	3.5	3.5
1967: I	3,127.2 3,129.5	3,085.6 3,119.0	3,145.9 3,147.7	3.2	4.1 4.4	26.16 26.32	25.52 25.67	26.14 26.31	26.15 26.32	2.0 2.5	1.6 2.5	1.9 2.5	2.0 2.5 4.5 4.6
III IV	3,154.2 3,178.0	3,134.2 3,161.5	3,174.4 3,197.5	3.2 3.1	2.0 3.5	26.57 26.87	25.92 26.21	26.60 26.90	26.61 26.91	3.9 4.6	3.9 4.5	4.5 4.6	4.5 4.6

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases—Continued [Quarterly data are seasonally adjusted at annual rates]

	Billions of	of chained (1992)	) dollars	Percent change	from preceding	Chain-type p	orice indexes	Implicit pric	e deflators	Pe	ercent change from	n preceding period	i
Year and quarter	Gross domestic	Final sales of domestic	Gross national	Gross domestic	Final sales of	Gross domestic	Gross domestic	Gross domestic	Gross national		price index	Implicit price	
	product	product	product	product	domestic product	product	purchases	product	product	Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1968: I	3,236.2	3,225.3	3,256.2	7.5	8.3	27.19	26.52	27.21	27.22	4.8	4.9	4.7	4.8
II	3,292.1	3,258.0	3,312.5	7.1	4.1	27.50	26.80	27.49	27.50	4.5	4.2	4.1	4.1
III	3,316.1	3,303.9	3,337.3	3.0	5.8	27.75	27.06	27.75	27.76	3.7	4.0	3.8	3.8
IV	3,331.2	3,325.1	3,352.2	1.8	2.6	28.12	27.43	28.12	28.13	5.5	5.5	5.5	5.5
1969: I	3,381.9	3,357.5	3,402.8	6.2	4.0	28.38	27.66	28.39	28.40	3.7	3.5	3.8	3.9
II	3,390.2	3,373.0	3,410.3	1.0	1.9	28.74	28.02	28.73	28.75	5.2	5.3	5.0	5.0
III	3,409.7	3,389.6	3,428.5	2.3	2.0	29.14	28.40	29.14	29.16	5.7	5.6	5.8	5.8
IV	3,392.6	3,388.9	3,411.4	–2.0	1	29.51	28.77	29.51	29.52	5.2	5.2	5.1	5.1
1970: I	3,386.5	3,397.6	3,406.0	7	1.0	29.92	29.18	29.94	29.95	5.7	5.9	6.0	6.0
II	3,391.6	3,391.9	3,411.9	.6	7	30.36	29.59	30.36	30.37	6.0	5.8	5.7	5.7
III	3,423.0	3,421.9	3,442.9	3.7	3.6	30.60	29.87	30.61	30.63	3.2	3.8	3.4	3.4
IV	3,389.4	3,414.8	3,407.4	-3.9	8	31.02	30.29	31.02	31.03	5.6	5.7	5.4	5.4
1971: I	3,481.4	3,458.9	3,503.3	11.3	5.3	31.50	30.75	31.50	31.52	6.3	6.2	6.4	6.4
II	3,500.9	3,481.2	3,524.3	2.3	2.6	31.93	31.18	31.93	31.94	5.7	5.7	5.5	5.5
III	3,523.8	3,509.4	3,544.7	2.6	3.3	32.25	31.52	32.27	32.29	4.1	4.5	4.4	4.4
IV	3,533.8	3,549.5	3,556.0	1.1	4.7	32.53	31.81	32.54	32.55	3.5	3.7	3.3	3.3
1972: I	3,604.7	3,608.0	3,627.9	8.3	6.8	33.01	32.28	33.02	33.03	6.0	6.0	6.0	6.1
II	3,687.9	3,665.7	3,710.7	9.6	6.5	33.23	32.53	33.20	33.22	2.6	3.1	2.2	2.2
III	3,726.2	3,700.0	3,751.2	4.2	3.8	33.50	32.82	33.49	33.51	3.3	3.6	3.5	3.5
IV	3,790.4	3,784.3	3,815.3	7.1	9.4	33.93	33.23	33.95	33.97	5.2	5.1	5.6	5.6
1973: I II III IV	3,892.2 3,919.0 3,907.1 3,947.1	3,867.0 3,884.5 3,890.9 3,893.1	3,921.5 3,950.4 3,944.1 3,984.4	11.2 2.8 -1.2 4.2	9.0 1.8 .7	34.38 34.96 35.63 36.24	33.69 34.33 34.95 35.60	34.36 34.94 35.61 36.29	34.38 34.96 35.63 36.31	5.5 6.9 7.8 7.0	5.6 7.8 7.5 7.6	5.0 6.9 7.9 7.8	5.0 6.9 7.9 7.8
1974: I	3,908.1	3,889.1	3,952.4	-3.9	4	36.98	36.55	37.01	37.03	8.4	11.1	8.2	8.2
II	3,922.6	3,899.7	3,964.3	1.5	1.1	37.79	37.59	37.79	37.81	9.0	11.9	8.7	8.7
III	3,880.0	3,882.5	3,917.6	-4.3	-1.8	38.93	38.71	38.96	38.98	12.7	12.5	12.9	12.9
IV	3,854.1	3,822.2	3,886.1	-2.6	-6.1	40.14	39.84	40.13	40.15	13.0	12.2	12.6	12.5
1975: I	3,800.9	3,848.3	3,827.3	-5.4	2.8	41.04	40.69	41.05	41.07	9.2	8.8	9.5	9.5
II	3,835.2	3,887.9	3,861.8	3.7	4.2	41.67	41.34	41.66	41.68	6.3	6.5	6.1	6.1
III	3,907.0	3,922.7	3,936.1	7.7	3.6	42.44	42.05	42.41	42.44	7.6	7.0	7.4	7.4
IV	3,952.5	3,966.7	3,987.9	4.7	4.6	43.21	42.79	43.19	43.22	7.4	7.2	7.6	7.6
1976: I	4,044.6	4,027.0	4,078.8	9.7	6.2	43.68	43.26	43.69	43.72	4.4	4.5	4.7	4.7
II	4,072.2	4,039.1	4,107.9	2.8	1.2	44.17	43.76	44.15	44.18	4.6	4.7	4.2	4.2
III	4,088.5	4,061.7	4,124.8	1.6	2.3	44.78	44.42	44.77	44.80	5.7	6.1	5.7	5.7
IV	4,126.4	4,119.0	4,163.7	3.8	5.8	45.56	45.16	45.57	45.60	7.2	6.9	7.3	7.3
1977: I	4,176.3	4,161.4	4,219.4	4.9	4.2	46.31	45.99	46.32	46.34	6.7	7.6	6.8	6.7
II	4,260.1	4,228.4	4,302.2	8.3	6.6	47.08	46.81	47.07	47.10	6.8	7.3	6.6	6.7
III	4,329.5	4,270.0	4,371.2	6.7	4.0	47.74	47.55	47.66	47.69	5.7	6.4	5.1	5.1
IV	4,328.3	4,303.3	4,365.0	1	3.2	48.55	48.36	48.63	48.66	7.0	7.1	8.4	8.4
1978: I	4,345.5	4,306.0	4,388.6	1.6	.3	49.39	49.19	49.42	49.45	7.1	7.0	6.7	6.7
II	4,510.7	4,474.6	4,546.1	16.1	16.6	50.43	50.22	50.41	50.44	8.6	8.6	8.2	8.2
III	4,552.1	4,511.6	4,591.1	3.7	3.4	51.32	51.11	51.27	51.30	7.3	7.3	7.0	7.1
IV	4,603.7	4,565.4	4,649.0	4.6	4.9	52.37	52.08	52.35	52.39	8.4	7.9	8.7	8.7
1979: I	4,605.7	4,579.0	4,652.6	.2	1.2	53.46	53.21	53.51	53.54	8.6	9.0	9.1	9.1
II	4,615.6	4,577.0	4,668.7	.9	2	54.70	54.52	54.65	54.68	9.6	10.2	8.8	8.8
III	4,644.9	4,639.2	4,708.8	2.6	5.5	55.82	55.89	55.82	55.85	8.5	10.4	8.9	8.9
IV	4,656.2	4,662.5	4,719.5	1.0	2.0	56.92	57.25	56.92	56.95	8.1	10.2	8.1	8.1
1980: I	4,679.0	4,675.3	4,743.0	2.0	1.1	58.25	58.89	58.18	58.22	9.7	12.0	9.2	9.2
	4,566.6	4,579.0	4,625.6	-9.3	-8.0	59.59	60.41	59.55	59.58	9.6	10.7	9.7	9.7
	4,562.3	4,637.1	4,617.8	4	5.2	60.93	61.77	61.01	61.05	9.3	9.3	10.2	10.2
	4,651.9	4,676.1	4,696.6	8.1	3.4	62.57	63.33	62.59	62.64	11.2	10.5	10.8	10.8
1981: I	4,739.2	4,692.9	4,787.7	7.7	1.4	64.19	64.96	64.15	64.20	10.7	10.7	10.3	10.4
II	4,696.8	4,699.0	4,742.6	-3.5	.5	65.35	66.15	65.37	65.42	7.4	7.5	7.8	7.8
III	4,753.0	4,702.5	4,801.4	4.9	.3	66.65	67.27	66.65	66.69	8.2	7.0	8.0	8.0
IV	4,693.8	4,672.0	4,747.9	-4.9	–2.6	67.85	68.48	67.87	67.91	7.4	7.3	7.5	7.5
1982: I	4,615.9	4,655.4	4,658.5	-6.5	-1.4	68.85	69.42	68.86	68.91	6.0	5.6	6.0	6.0
II	4,634.9	4,651.2	4,682.9	1.7	4	69.71	70.17	69.72	69.77	5.1	4.4	5.1	5.1
III	4,612.1	4,616.9	4,651.1	-2.0	-2.9	70.69	71.10	70.66	70.70	5.7	5.4	5.5	5.5
IV	4,618.3	4,681.3	4,655.6	.5	5.7	71.46	71.85	71.44	71.47	4.5	4.3	4.4	4.4
1983: I	4,663.0	4,719.4	4,700.1	3.9	3.3	72.12	72.33	72.08	72.12	3.7	2.7	3.7	3.7
II	4,763.6	4,785.3	4,804.4	8.9	5.7	72.84	73.03	72.83	72.87	4.1	3.9	4.2	4.2
III	4,849.0	4,860.7	4,891.3	7.4	6.4	73.50	73.65	73.48	73.52	3.7	3.4	3.7	3.7
IV	4,939.2	4,919.5	4,983.5	7.7	4.9	74.19	74.24	74.19	74.24	3.8	3.2	3.9	3.9
1984: I	5,053.6	4,961.0	5,092.6	9.6	3.4	75.00	75.04	75.02	75.06	4.4	4.4	4.5	4.5
II	5,132.9	5,050.0	5,172.4	6.4	7.4	75.62	75.65	75.58	75.63	3.3	3.3	3.1	3.1
III	5,170.3	5,085.6	5,209.5	3.0	2.9	76.25	76.19	76.25	76.29	3.4	2.9	3.5	3.6
IV	5,203.7	5,149.9	5,237.5	2.6	5.2	76.82	76.71	76.81	76.85	3.0	2.7	3.0	2.9
1985: I	5,257.3	5,231.7	5,280.3	4.2	6.5	77.64	77.38	77.63	77.67	4.3	3.6	4.4	4.3
II	5,283.7	5,261.0	5,310.8	2.0	2.3	78.25	78.02	78.25	78.29	3.2	3.3	3.3	3.2
III	5,359.6	5,336.9	5,378.4	5.9	5.9	78.80	78.58	78.76	78.80	2.8	2.9	2.6	2.6
IV	5,393.6	5,358.0	5,417.5	2.6	1.6	79.44	79.37	79.45	79.49	3.3	4.1	3.5	3.5
1986: I	5,460.8	5,410.5	5,481.1	5.1	4.0	79.81	79.77	79.81	79.85	1.9	2.0	1.8	1.8
II	5,466.9	5,448.4	5,480.1	.4	2.8	80.26	79.97	80.22	80.26	2.2	1.0	2.1	2.1
III	5,496.3	5,518.2	5,510.4	2.2	5.2	80.81	80.60	80.84	80.88	2.8	3.2	3.1	3.1
IV	5,526.8	5,546.6	5,533.1	2.2	2.1	81.44	81.25	81.45	81.49	3.2	3.3	3.1	3.0
1987: I	5,561.8	5,535.8	5,568.7	2.6	8	82.11	82.07	82.09	82.12	3.3	4.1	3.2	3.2
	5,618.0	5,608.4	5,628.7	4.1	5.4	82.68	82.74	82.68	82.71	2.8	3.3	2.9	2.9
	5,667.4	5,671.5	5,676.0	3.6	4.6	83.35	83.44	83.33	83.36	3.3	3.4	3.2	3.2
	5,750.6	5,688.3	5,759.6	6.0	1.2	84.08	84.19	84.09	84.12	3.6	3.6	3.7	3.7
1988: I II IV	5,785.3 5,844.0 5,878.7 5,952.8	5,774.2 5,840.1 5,869.2 5,937.0	5,802.3 5,857.5 5,889.4 5,964.9	2.4 4.1 2.4 5.1	6.2 4.6 2.0 4.7	84.69 85.56 86.67 87.46	84.81 85.68 86.58 87.44	84.67 85.56 86.66 87.44	84.69 85.59 86.69 87.47	2.9 4.2 5.3 3.7	3.0 4.2 4.3 4.0	2.7 4.3 5.2 3.7	2.8 4.3 5.2 3.7

Table C.1.—Historical Measures of Real Gross Domestic Product, Real Gross National Product, and Real Gross Domestic Purchases—Continued
[Quarterly data are seasonally adjusted at annual rates]

					[Quarterly ua	ala are seasona	any aujusteu at	armuar ratesj					
	Billions o	of chained (1992)	.) dollars	Percent change		Chain-type r	price indexes	Implicit pric	e deflators	Pe	rcent change from	n preceding period	t
Year and	Gross domestic	Final sales of	Gross national	· ·	Final sales of	Gross domestic	Gross domestic	Gross domestic	Gross national	Chain-type	price index	Implicit price	e deflators
quarter	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
1989: I II IV	6,011.0 6,055.6 6,088.0 6,093.5	5,970.0 6,010.9 6,063.1 6,070.8	6,065.5 6,101.8	4.0 3.0 2.2 .4	2.8 3.5		88.47 89.52 90.14 90.98	88.45 89.39 90.13 90.88	88.48 89.42 90.16 90.91	4.5 4.4 3.3 3.5	4.8 4.8 2.8 3.8	4.7 4.3 3.3 3.4	4.7 4.3 3.3 3.4
1990: I II III IV	6,152.6 6,171.6 6,142.1 6,079.0	6,144.6 6,127.5 6,126.6 6,108.1	6,188.0	3.9 1.2 -1.9 -4.0	-1.1 1	92.01 93.20 94.19 95.14	92.17 93.14 94.32 95.68	92.00 93.18 94.14 95.11	92.04 93.21 94.17 95.13	4.9 5.2 4.3 4.1	5.4 4.2 5.2 5.9	5.0 5.2 4.2 4.2	5.1 5.2 4.2 4.2
1991: I II III IV	6,047.5 6,074.7 6,090.1 6,105.3	6,065.4 6,095.9 6,085.4 6,083.8	6,086.4 6,099.2	-2.1 1.8 1.0 1.0	7	96.26 97.02 97.70 98.30	96.42 96.95 97.58 98.27	96.27 97.00 97.70 98.31	96.29 97.01 97.71 98.32	4.8 3.2 2.8 2.5	3.1 2.2 2.6 2.9	5.0 3.1 2.9 2.5	3.1 2.9
1992: I II IV	6,175.7 6,214.2 6,260.7 6,327.1	6,175.8 6,203.8 6,249.5 6,320.7	6,225.2	4.7 2.5 3.0 4.3	3.0	99.14 99.81 100.17 100.88	99.04 99.76 100.28 100.92	99.13 99.79 100.17 100.88	99.13 99.79 100.17 100.88	3.4 2.8 1.4 2.8	3.2 2.9 2.1 2.6	3.4 2.7 1.5 2.9	
1993: I II IV	6,327.9 6,359.9 6,393.5 6,476.9	6,297.3 6,344.9 6,379.3 6,453.8	6,375.9 6,415.3	2.0 2.1 5.3	2.2	101.85 102.38 102.83 103.52	101.71 102.28 102.64 103.28	101.84 102.35 102.83 103.51	101.84 102.34 102.83 103.50	3.9 2.1 1.8 2.7	3.2 2.3 1.4 2.5	3.9 2.0 1.9 2.7	2.0
1994: I II III IV	6,524.5 6,600.3 6,629.5 6,688.6	6,473.0 6,526.7 6,580.4 6,624.8	6,609.3 6,635.6	3.0 4.7 1.8 3.6	3.4 3.3	104.16 104.74 105.39 106.07	103.80 104.46 105.24 105.88	104.13 104.71 105.39 106.09	104.14 104.71 105.38 106.06	2.5 2.2 2.5 2.6	2.0 2.6 3.0 2.5	2.4 2.2 2.6 2.7	2.5 2.2 2.6 2.6
1995: I II III IV	6,703.7 6,708.8 6,759.2 6,796.5	6,654.3 6,685.3 6,739.3 6,771.9	6,721.0 6,758.3	.9 .3 3.0 2.2	1.9 3.3		106.66 107.33 107.79 108.29	106.94 107.46 108.02 108.61	106.91 107.43 107.99 108.59	3.3 2.1 2.0 2.1	3.0 2.5 1.7 1.9	3.3 2.0 2.1 2.2	3.2 2.0 2.1 2.2
1996: I II IV	6,826.4 6,926.0 6,943.8 7,017.4	6,815.0 6,902.3 6,905.0 6,981.7	6,930.1 6,940.2 7,023.1	1.8 6.0 1.0 4.3	5.2 .2	109.35 109.86 110.59 111.10	109.01 109.50 110.15 110.79	109.39 109.84 110.54 111.05	109.37 109.82 110.50 111.01	2.8 1.9 2.7 1.9	2.7 1.8 2.4 2.4	2.9 1.7 2.6 1.9	1.6 2.5
1997: I II III	7,101.6 7,159.6 7,217.6	7,034.1 7,077.7 7,162.1	7,091.8 7,144.4 7,190.5	4.9 3.3 3.3	2.5		111.32 111.55 111.91	111.71 112.22 112.62	111.67 112.17 112.57	2.4 1.8 1.5	1.9 .8 1.3	2.4 1.8 1.5	

### Table C.2.—Real Gross Domestic Product

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year													Initial	year												
Tellillal yeal	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	2.8 2.8 2.8 2.8 2.8 3.0 3.1 3.0 3.0 3.0 3.0 3.0 3.1 3.5 3.6 3.3 3.1 2.7 4.8 4.8 4.8 4.8	2.8 2.8 2.8 2.8 3.0 3.1 3.0 3.0 2.5 3.1 3.5 5.6 5.5	2.6 2.6 2.6 2.6 2.8 2.9 2.9 2.9 2.8 2.4 2.2 2.7 2.8 3.2 3.2 3.2 5.5 5.8	2.5 2.5 2.5 2.5 2.5 2.7 2.8 2.7 2.6 2.5 2.5 2.5 2.5 2.5 2.7 2.8 2.5 2.5 2.5 2.6 2.5 2.5 2.6 2.5 2.6 2.5 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	2.7 2.7 2.6 2.7 2.9 3.0 2.9 2.9 2.8 2.4 2.2 2.8 3.5 3.7 3.2 4 4	2.8 2.8 2.9 2.8 2.9 3.1 3.2 3.2 3.2 3.2 3.2 3.2 3.6 4.6 5.0 5.4	2.7 2.7 2.7 2.7 2.7 3.0 3.1 3.0 3.0 2.9 2.3 2.1 4.3 5.0 4.7	2.6 2.6 2.5 2.6 2.5 2.8 3.0 2.8 2.8 2.7 2.0 1.6 2.5 2.6 4.1 5.4	2.4 2.4 2.4 2.3 2.6 2.7 2.7 2.5 2.4 2.2 1.3 .6 1.2 2.8	2.4 2.4 2.3 2.3 2.3 2.6 2.7 2.5 2.5 2.4 2.1 1.0 3	2.6 2.6 2.5 2.6 2.5 2.9 3.1 3.0 2.9 2.9 2.7 1.3 2.3	2.6 2.6 2.6 2.6 3.0 3.2 3.1 3.0 2.9 -2.1	2.9 2.9 3.0 3.1 3.1 3.6 4.0 4.1 4.4 4.8 5.5 4.0	2.9 2.9 2.9 3.0 3.0 4.1 4.5 5.3 7.0	2.5 2.5 2.4 2.5 2.4 3.4 3.4 3.3 3.6	2.4 2.4 2.3 2.3 2.2 2.9 3.3 3.3 3.1	2.4 2.3 2.4 2.2 2.1 2.8 3.4 2.9	2.3 2.2 2.3 2.1 2.0 1.9 2.8 3.6 3.8	2.1 2.0 2.0 1.7 1.6 1.2 2.3 3.4	1.9 1.8 1.7 1.3 1.0 .1 1.2	2.0 1.9 1.9 1.4 .9 9	2.6 2.6 2.8 2.5 2.7	2.6 2.6 2.9 2.3	2.7 2.7 3.5	2.4 2.0	2.8

### Table C.3.—Chain-Type Price Index for Gross Domestic Product

[Average annual percent change]

Tarminal was													Initial	year												
Terminal year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996 1995 1994 1993 1992 1991 1990 1989 1988 1986 1985 1984 1983 1983 1984 1980 1978 1978 1979 1976 1976 1974 1972 1971	5.1 5.2 5.3 5.4 5.5 5.7 5.8 5.8 6.1 6.3 6.7 7.2 7.3 7.1 6.8 6.5 6.5 6.5 6.5 6.5 6.5 6.5	5.1 5.2 5.4 5.6 5.7 5.8 5.9 6.1 6.3 6.9 7.4 7.3 6.8 7.0 6.8 7.0 6.8 7.0 6.3 4.9	5.1 5.2 5.5 5.6 5.9 6.0 6.1 7.4 7.7 7.7 7.7 7.3 7.3 7.3 5.6	5.1 5.2 5.5 5.6 5.9 6.0 6.3 6.6 6.9 7.6 7.7 8.1 8.0 7.7 8.1 9.9	4.9 5.0 5.3 5.5 5.7 5.8 5.9 6.4 7.8 7.8 7.2 7.2 7.2 7.4	4.7 4.8 5.2 5.5 5.6 5.8 6.1 6.4 6.2 7.6 6.1 7.5 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	4.8 4.9.0 2.3.4 4.5.5 5.5.6 8.1.5.9 9.2.9 4.9.5 5.5.6 6.5.9 7.7.9.2 9.4.9 6.5	4.5 4.7 4.8 4.9 5.1 5.3 5.5 5.6 6.1 6.5 7.5 8.6 8.4 7.9 7.3	4.4 4.5 4.8 4.9 5.1 2 5.3 5.4 6.9 7.5 8.1 8.9 8.5	4.1 4.3 4.4 4.5 4.7 4.8 4.9 5.0 5.1 5.2 5.5 6.0 6.6 7.3 8.3 9.3	3.8 3.9 4.2 4.3 4.4 4.5 4.5 4.7 4.9 6.6 7.8 9.4	3.5 3.6 3.7 3.8 4.0 3.9 3.9 4.1 4.8 5.3 6.3	3.3 3.4 3.4 3.5 3.6 3.7 3.6 3.5 3.4 3.5 3.8 4.0 4.3	3.3 3.4 4.5 6.6 6.5 3.2 3.3 3.6 8 3.5 3.6 6.5 3.2 3.3 3.5 8 3.5 3.5 3.5 3.5 8	3.2 3.3 3.4 3.5 3.6 3.4 3.0 3.0 3.4	3.1 3.2 3.3 3.4 3.5 3.6 3.4 3.1 2.8 2.6	3.2 3.3 3.4 3.5 3.7 3.8 3.6 3.4 3.1	3.2 3.3 3.4 3.6 3.8 4.0 4.1 3.9 3.7	3.1 3.3 3.4 3.8 4.2 4.3 4.2	3.0 3.1 3.2 3.4 3.7 4.1 4.4	2.8 2.9 2.9 3.1 3.3 3.9	2.5 2.6 2.6 2.7 2.8	2.5 2.5 2.5 2.6	2.4 2.5 2.4	2.4 2.5	2.3

### Table C.4.—Real Gross Domestic Purchases

[Average annual percent change, based on chained (1992) dollar estimates]

Terminal year													Initial	year												
reminal year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Terminal year  1996 1995 1994 1993 1992 1991 1990 1989 1988 1988 1985 1984 1983 1982 1981 1980 1978 1979 1976 1976	2.7 2.8 2.7 2.7 2.7 2.9 3.0 3.1 3.1 3.1 3.0 2.6 2.8 2.8 3.3 3.5 3.2 2.9	2.7 2.7 2.7 2.7 2.7 2.9 3.0 3.0 3.0 3.1 3.0 2.5 2.3 2.7 2.7 2.7 2.7	2.6 2.6 2.6 2.5 2.7 2.9 2.9 2.9 2.8 2.3 3.0 2.4 2.3 3.0 3.1 2.7 2.0 6	2.5 2.5 2.5 2.4 2.4 2.6 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.1 2.0 2.1 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	1974 2.7 2.7 2.7 2.6 2.9 3.0 3.1 3.1 3.1 3.0 2.4 2.6 2.6 2.6 2.6 3.9 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	1975 2.9 2.9 2.9 2.9 3.2 3.4 3.4 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.6 4.8 4.8 4.8 5.7 5.9 6.4	1976 2.7 2.7 2.7 2.7 2.6 3.0 3.1 3.2 3.2 3.2 3.2 3.1 4.9 2.6 2.7 4.3 5.3	1977 2.6 2.5 2.6 2.5 2.8 2.9 3.0 3.0 3.0 2.9 2.8 1.9 1.2 1.9 5.3	2.4 2.4 2.3 2.3 2.2 2.6 2.7 2.7 2.7 2.7 2.6 2.4 1.2	1979 2.4 2.4 2.3 2.3 2.3 2.2 2.6 2.8 2.8 2.8 2.8 2.7 2.5 1.04 2 -2.0	1980 2.7 2.8 2.7 2.6 3.1 3.3 3.5 3.6 3.7 3.6 2.0 4 2.4	1981 2.7 2.8 2.7 2.7 2.7 3.1 3.4 3.5 3.6 3.8 4.0 4.0 1.8 -1.6	1982 3.1 3.2 3.1 3.1 3.7 4.2 4.4 4.7 5.2 5.9 6.9 5.3	1983 2.9 3.0 2.9 2.9 3.5 4.0 4.2 4.6 5.2 8.5	1984 2.4 2.4 2.3 2.2 2.1 2.7 3.1 2.3 3.3 3.6 3.9	1985 2.3 2.2 2.3 2.1 1.9 1.8 2.5 2.9 3.0 3.0 3.3	1986 2.2 2.1 1.9 1.7 1.5 2.3 2.8 2.7	1987 2.1 2.0 2.1 1.8 1.5 1.2 2.1 2.8 2.9	1988 2.0 1.9 1.9 1.5 1.2 .6 1.8 2.7	1989 2.0 1.8 1.8 1.2 .7 4 .8	1990 2.1 2.0 2.0 1.4 .6 -1.6	2.9 2.9 3.2 2.9 2.8	1992 2.9 2.9 3.4 2.9	1993 2.9 2.9 3.9	1994 2.4 1.9	1995
1974 1973 1972 1971	3.1 4.7 4.6 3.6	2.9 5.2 5.7	1.6 4.8	-1.5																						

NOTE.—In these triangles, the growth rate from one year to any other year can be found at the intersection of the column for the earlier year and the row for the later year; thus, growth rates from one year to the next are shown on the main diagonal. For example, from 1985 to 1995, real gross domestic product grew at an average annual rate of 2.4 percent; from 1984 to 1985, it grew 3.6 percent.

## Table C.5.—Chain-Type Price Index for Gross Domestic Purchases

[Average annual percent change]

Torminal year													Initial	year												
Terminal year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	5.2 5.3 5.4 5.5 5.7 5.9 6.0 6.2 6.4 6.7 6.9 7.5 7.1 6.8 7.0 6.8 7.0 6.8 7.5 7.1 6.8 7.5 7.1 6.8 7.5 7.1 6.8 7.5 7.1 6.8 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.1	5.1 5.3 5.5 5.7 5.8 5.0 6.3 6.5 6.0 7.3 7.7 7.7 7.1 7.1 7.1 6.8 5.2 5.4 6.8	5.3 5.465.7 5.906.1.2.4 6.669.3 7.60.2.8.1 7.668.9 7.68.9 8.09	5.1 5.3 5.4 6.5 5.7 5.9 6.1 6.3 6.7 7.8 8.2 5.8 4.4 7.8 8.4 8.1 7.0 8.4 9.2	4.9 5.1 5.5 5.5 5.5 6.0 6.4 6.8 7.7 5.3 7.3 7.3 7.5 9.	4.8 4.8 5.3 5.4 6.6 6.6 6.7 9.1 5.5 6.6 7.8 7.3 7.6 6.3 8.1 7.6 6.3 8.5 6.6 6.6 7.8 7.8 7.6 6.6 6.6 6.6 6.6 6.6 6.6 6.6	4.8 4.9 5.2 5.5 5.6 6.7 7.5 8.5 7.7 6.9 8.5 7.7 6.9	4.5 4.7 4.8 5.0 5.1 5.3 5.5 5.6 6.1 6.5 7.6 8.4 9.0 8.2 7.4	4.4 4.5 4.7 4.8 5.0 5.2 5.3 5.5 5.7 5.9 6.4 7.0 7.7 8.6 9.8 9.0	4.1 4.3 4.4.5 4.7 4.8 4.9 5.0 5.5 6.0 6.3 8.9 9.0 10.7	3.8 3.9.1 4.2 4.4.4 4.5 5.6 6.3 7.5 9.	3.4 3.5 3.6 3.7 3.8 3.8 3.7 3.8 4.1 4.8 5.9	233345666543335578 33535578	3.2 3.4 5.5 6.6 4 3.2 1.1 3.4 5.3 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	3.1 3.2 3.3.4 3.5 3.6 3.4 3.2 3.2 3.2 3.2 3.2	3.1 3.2 3.3 3.4 3.5 3.7 3.5 3.2 3.0 2.6	3.2 3.3 3.4 3.7 3.9 3.7 3.5 3.4	3.1 3.3 3.4 3.6 3.8 4.1 3.9 3.6	3.1 3.2 3.3.5 3.8 4.1 4.2	2.9 3.1 3.2 3.4 3.7 4.1 4.5	2.7 2.8 2.8 3.0 3.2 3.7	2.5 2.5 2.6 2.8	2.4 2.4 2.5	2.3 2.4 2.3	2.4 2.5	2.2

## Table C.6.—Real Final Sales of Domestic Product

[Average annual percent change, based on chained (1992) dollar estimates]

Tomatestone													Initial	year												
Terminal year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996 1995 1994 1993 1993 1990 1990 1989 1988 1986 1985 1984 1983 1984 1983 1981 1980 1977 1978 1977 1976 1977 1973	2.8 2.8 2.8 2.8 2.8 3.0 3.1 3.0 3.0 2.9 2.7 2.6 3.1 3.4 3.4 3.2 3.0 3.3 4.5 4.5 4.7	2.8 2.8 2.8 2.8 3.0 3.1 3.0 3.0 2.9 2.7 2.6 3.2 3.5 3.3 3.3 3.5 3.4 5.4	2.6 2.6 2.6 2.7 2.9 2.9 2.9 2.9 2.5 2.7 2.9 3.2 2.8 2.8 2.5 5.3	2.5 2.5 2.5 2.5 2.7 2.8 2.7 2.6 2.4 2.6 2.9 2.8 2.2 3.3 3	2.7 2.7 2.7 2.7 2.9 3.0 3.0 2.9 2.9 2.5 2.8 3.1 3.6 3.1 2.4	2.7 2.8 2.8 2.8 3.0 3.1 3.1 3.1 2.7 2.7 2.5 4.6 4.2 4.0	2.7 2.7 2.7 2.7 2.7 3.0 3.1 3.0 3.0 3.0 3.0 3.8 2.5 2.9 3.4 4.3 4.8	2.6 2.6 2.6 2.6 2.9 3.0 3.9 2.9 2.8 2.2 1.9 3.1 4.3 5.3	2.4 2.4 2.4 2.4 2.7 2.8 2.7 2.6 2.6 2.5 1.5 1.0 3.4	2.4 2.4 2.3 2.3 2.6 2.7 2.5 2.5 2.3 1.9 1.1 3.8 6	2.5 2.5 2.5 2.5 2.5 2.8 2.9 2.8 2.8 2.7 2.7 1.3	2.6 2.6 2.6 2.6 2.6 3.0 3.2 3.1 3.2 3.1 2.6 1.4 9	2.9 2.9 2.9 3.0 3.5 3.8 3.9 4.2 4.4 3.7	2.8 2.8 2.9 2.9 3.5 3.8 4.0 4.4 4.8 5.0	2.6 2.6 2.6 2.6 2.7 3.6 3.7 3.6 4.1 4.6	2.4 2.4 2.3 2.4 2.3 3.0 3.3 3.4 3.5	2.3 2.3 2.2 2.2 2.1 2.8 3.2 2.6	2.3 2.2 2.1 2.1 2.0 2.9 3.5 4.1	2.1 2.0 1.9 1.7 1.6 1.3 3.0	1.9 1.8 1.7 1.4 1.1 .4 1.6	2.0 1.8 1.7 1.3 .9 7	2.6 2.5 2.5 2.3 2.5	2.6 2.5 2.5 2.1	2.7 2.7 2.9	2.6 2.5	2.8

## Table C.7.—Real Disposable Personal Income

[Average annual percent change, based on chained (1992) dollar estimates]

Tarminal was													Initial	year												
Terminal year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
1996	2.8 2.8 2.8 2.9 2.9 3.1 3.2 3.2 3.2 2.9 3.1 3.2 3.5 3.6 3.4 3.3 3.7 3.2 4.0	2.8 2.8 2.8 2.8 3.0 3.1 3.1 3.2 3.2 2.8 2.8 3.0 3.1 3.1 3.5 3.3 3.3 3.5 3.3 3.6 4.6	2.7 2.7 2.7 2.8 2.8 2.9 3.0 3.1 3.1 3.1 2.7 2.9 2.9 3.3 4 3.0 3.1 7.7	2.5 2.5 2.5 2.5 2.5 2.7 2.8 2.7 2.8 2.7 2.3 2.2 2.4 2.4 2.6 2.0 1.6 5	2.7 2.7 2.6 2.7 2.7 2.9 3.0 3.1 3.0 3.1 2.6 2.8 2.9 3.4 3.5 3.0 2.8 2.9	2.7 2.7 2.7 2.8 2.8 3.0 3.1 3.2 3.2 2.7 2.7 2.7 2.7 3.0 3.1 3.6 3.9	2.6 2.7 2.6 2.6 2.7 2.7 2.9 3.0 3.1 3.1 2.5 2.8 2.9 3.2	2.6 2.6 2.6 2.6 2.7 2.7 2.9 3.0 3.1 3.1 2.4 2.7 2.8 3.9 5.2	2.5 2.5 2.4 2.4 2.5 2.5 2.7 2.8 2.8 2.8 2.8 2.8 1.9 1.9 1.7 2.7	2.4 2.5 2.4 2.5 2.5 2.7 2.8 2.8 2.8 2.8 2.8 1.6 1.3 1.5	2.6 2.6 2.5 2.6 2.6 2.9 3.0 3.1 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2	2.6 2.6 2.5 2.7 2.6 2.7 2.6 3.1 3.4 3.5 3.6 1.8	2.7 2.7 2.7 2.8 2.8 3.4 3.6 4.1 4.4 5.0 2.8	2.7 2.7 2.7 2.7 2.9 2.9 2.9 3.3 3.5 3.8 4.5 5.1 7.3	2.3 2.3 2.2 2.3 2.2 2.6 2.8 3.0 3.1 3.0	2.3 2.3 2.1 2.1 2.2 2.1 2.5 2.7 2.9 2.4 3.2	2.2 2.1 2.0 2.0 2.0 1.9 2.3 2.5 2.8 1.6	2.2 2.2 2.1 2.0 2.1 1.9 2.6 2.9 3.9	2.0 2.0 1.7 1.7 1.7 1.3 1.9 2.0	2.0 2.0 1.7 1.6 .9 1.8	2.0 2.0 1.7 1.5 1.4 0	2.4 2.5 2.2 2.2 2.8	2.3 2.4 1.9 1.7	2.6 2.7 2.2	2.8 3.3	2.3

# D. Domestic Perspectives\_

These tables present 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

	, ,		14	D.O D.1	. 50111	00110 1	crapeci									
	1995	1996		19	196						19	97				
	1990	1990	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
						Consume	er and pro	ducer prid	ces, (seas	onally adj	usted) 1					
Consumer price index for all urban consumers, 1982–84=100: All items	152.4 161.2 168.7	156.9 165.6 174.1	157.9 166.7 175.4	158.3 167.0 175.8	158.8 167.4 176.3	159.2 167.7 176.8	159.4 167.9 177.2	159.8 168.3 177.6	159.9 168.7 178.0	160.0 169.2 178.5	160.1 169.5 178.8	160.3 169.7 179.3	160.6 170.0 179.8	160.9 170.1 180.0	161.3 170.4 180.4	161.6 170.8 181.0
Producer price index, 1982=100: Finished goods Less food and energy Finished consumer goods Capital equipment Intermediate materials Crude materials	127.9 140.0 125.6 136.7 124.9 102.7	131.3 142.0 129.5 138.3 125.7 113.5	132.0 142.4 130.3 138.7 126.2 112.8	132.5 142.3 131.0 138.5 126.0 112.0	132.7 142.3 131.3 138.5 125.8 115.0	133.4 142.5 132.1 138.5 126.4 122.1	133.0 142.5 131.6 138.6 126.6 126.7	132.6 142.4 131.1 138.5 126.4 116.2	132.3 142.6 130.8 138.5 125.9 107.3	131.6 142.5 129.9 138.4 125.5 107.9	131.3 142.2 129.6 138.1 125.3 110.2	131.1 142.3 129.4 138.2 125.3 106.7	131.0 142.1 129.2 138.0 125.1 106.7	131.4 142.2 129.7 138.0 125.2 107.4	132.0 142.8 130.4 138.4 125.6 108.0	132.1 142.8 130.6 138.3 125.5 112.3
						N	Money, into	erest rate	s, and sto	ock prices						
Money stock (seasonally adjusted): <sup>2</sup> Percent change: M1 M2			-0.61 .26	-1.19 .26	-0.02 .49	0.09 .55	-0.13 .40	0.09 .39	-0.50 .40	-0.94 .46	-0.24 07	0.02 .34	-0.10 .27	0.70 .90	-0.83 .49	-0.32 .40
Ratio: Gross domestic product to M1 Personal income to M2	6.356 1.722	6.906 1.734	1.746	1.740	7.212 1.742	1.745	1.747	7.355 1.753	1.756	1.751	7.553 1.758	1.762	1.760	7.638 1.755	1.752	1.754
Interest rates (percent, not seasonally adjusted): <sup>2</sup> Federal funds rate Discount rate on new 91-day Treasury bills Yield on new high-grade corporate bonds 10-Year U.S. Treasury bonds Yield on municipal bonds, 20-bond average Mortgage commitment rate Average prime rate charged by banks	5.83 5.51 7.72 6.57 5.95 7.95 8.83	5.30 5.02 7.62 6.44 5.76 7.80 8.27	5.30 5.15 7.84 6.83 5.87 8.23 8.25	5.24 5.01 7.69 6.53 5.72 7.92 8.25	5.31 5.03 7.43 6.20 5.59 7.62 8.25	5.29 4.87 7.45 6.30 5.64 7.60 8.25	5.25 5.05 7.63 6.58 5.72 7.82 8.25	5.19 5.00 7.54 6.42 5.63 7.65 8.25	5.39 5.14 7.85 6.69 5.76 7.90 8.30	5.51 5.17 8.04 6.89 5.88 8.14 8.50	5.50 5.13 7.90 6.71 5.70 7.94 8.50	5.56 4.92 7.71 6.49 5.53 7.69 8.50	5.35 7.50	5.54 5.13 7.30 6.30 5.41 7.48 8.50	5.54 4.97 7.04 6.21 5.39 7.43 8.50	5.50 4.95 6.90 6.03 5.38 7.29 8.50
Index of stock prices (not seasonally adjusted): <sup>3</sup> 500 common stocks, 1941–43=10	541.64	670.83	674.88	701.46	735.67	743.25	766.22	798.39	792.16	763.93	833.09	876.29	925.29	927.74	937.02	951.16
		'			Labor ma	arkets (tho	ousands, s	seasonally	/ adjusted	, unless o	therwise	noted) 1				
Civilian labor force 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	132,304 76.7 59.4 53.5 124,900	133,943 76.8 59.9 52.3 126,708	76.7 60.0 52.2 127,248	134,636 76.8 60.1 52.4 127,617	76.9 60.2 52.0 127,644	76.8 60.3 52.3 127,855	135,848 77.1 60.4 51.9 128,580	76.9 60.2 52.8 128,430	77.1 60.6 52.9	77.1 60.4 52.1	136,173 76.9 60.5 52.2 129,639	136,200 77.0 60.5 51.0 129,364	77.0 60.4 51.4 129,708	77.0 60.6 50.5	76.8 60.6 50.7 129,715	136,361 76.8 60.4 50.6 129,894
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	62.9 121,460 117,191 24,265 92,925 41.6	63.2 123,264 119,523 24,431 95,092 41.6		120,248 24,479 95,769 41.7	24,508 95,942 41.7	24,540 96,119 42.0	63.6 125,112 120,909 24,581 96,328 41.8	63.5 125,138 121,162 24,653 96,509 41.9	121,344 24,670 96,674 42.1	63.8 125,887 121,671 24,667 97,004 42.1	63.9 126,209 121,834 24,702 97,132 42.0	63.7 125,973 122,056 24,714 97,342 41.8	122,440 24,713 97,727 41.8	63.8 126,421 122,492 24,765 97,727 41.8	63.7 126,265 122,761 24,756 98,005 41.8	63.7 126,591 123,045 24,827 98,218 42.0
(hours)	7.404	4.5	4.5 7.043	4.5 7.010	4.6 7 197	4.7 7 167	7 269	4.7 7.205	4.9 7 1 4 4	4.9 6.714	4.8 6.534	4.6 6,836		4.7 6 677	4.7 6,752	4.8 6.467
Number of persons unemployed Unemployment rates (percent): Total 15 weeks and over Average duration of unemployment (weeks)	7,404 5.6 1.8 16.6	7,236 5.4 1.7 16.7	5.2 1.7 16.9	7,019 5.2 1.7 16.7	7,187 5.3 1.6 16.0	7,167 5.3 1.6 15.8	7,268 5.4 1.6 16.0	7,205 5.3 1.6 16.0	7,144 5.2 1.5 15.3	6,714 4.9 1.5 15.2	6,534 4.8 1.5 15.1	5.0 1.5 15.1	4.8 1.6 16.6	6,677 4.9 1.5 15.9	4.9 1.6 16.0	6,467 4.7 1.5 16.6
Nonfarm business sector, 1992=100: Output per hour of all persons Unit labor costs	100.7 106.0 106.7	102.0 107.9 110.1			102.4 108.9 111.5			102.8 109.7 112.8			103.4 110.0 113.7			104.5 109.9 114.9		

See footnotes at the end of the table.

Table D.1.—Domestic Perspectives—Continued

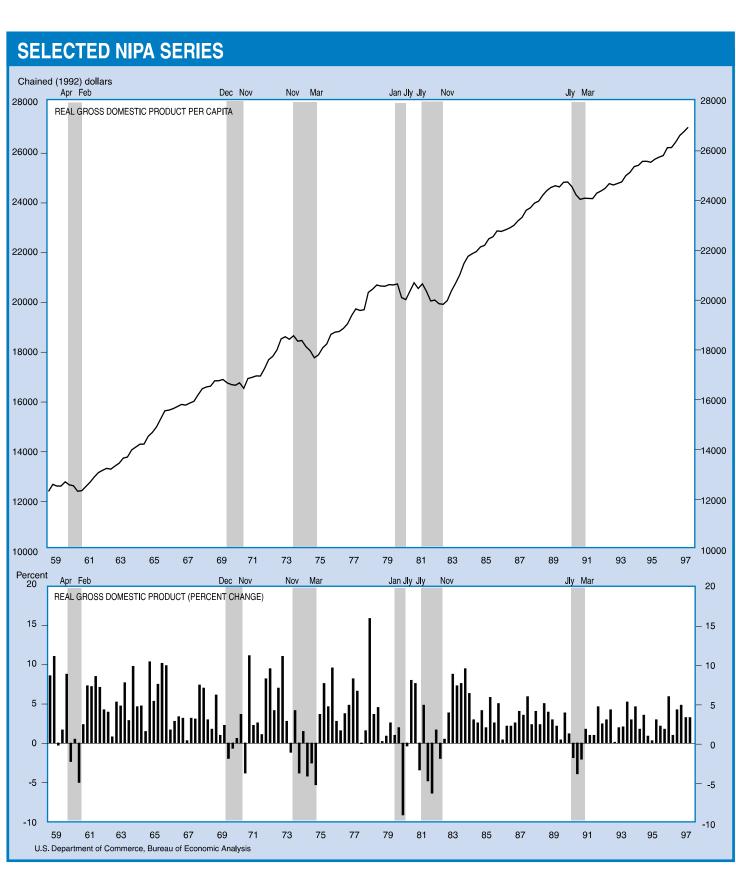
				Table D	וטע—.ו.י	nestic F	erspect	ives—C	onunuea							
	1995	1996		19	96						1997					
	1995	1990	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
						Constr	uction (sea	asonally ad	justed at a	nnual rates	) 4					
Total new private construction put in place (billions of dollars)	406.8 230.7 135.0	437.1 247.2 149.4	444.4 249.0 153.5	449.0 247.9 159.3	448.9 248.3 159.9	447.0 247.9 157.4	444.4 246.7 161.0	452.0 251.4 163.7	452.7 254.0 160.5	457.6 259.9 156.5	459.9 259.7 160.0	456.9 257.3 159.2	463.5 258.8 164.8	464.1 259.7 164.1	458.0 262.2 155.8	
Housing starts (thousands of units): Total1-unit structures	1,354 1,076	1,477 1,161	1,470 1,148	1,407 1,104	1,486 1,133	1,353 1,024	1,375 1,125	1,554 1,237	1,479 1,142	1,483 1,133	1,402 1,098	1,503 1,134	1,465 1,149	1,395 1,091		1,528 1,142
New 1-family houses sold (thousands of units)	667	757	768	706	788	794	822	826	825	765	764	802	821	802	800	
				Mar	nufacturing	and trade,	inventories	s and sales	s (millions o	of dollars, s	easonally	adjusted) 4				
Sales: Total manufacturing and trade Manufacturing Merchant wholesalers Retail trade	2,265,732	3,735,183 2,420,679	724,357 315,971 203,437 204,949	727,725 316,461 204,987 206,277	730,646 319,296 205,561 205,789	728,760 316,306 205,560 206,894	737,464 319,725 207,506 210,233	747,790 322,967 211,801 213,022	745,460 322,923 210,195 212,342	746,769 326,909 209,926 209,934	742,945 323,567 210,008 209,370	750,027 328,315 210,772 210,940	757,485 332,895 211,041 213,549	752,886 330,178 208,336 214,372		
Inventories: Total manufacturing and trade Manufacturing Merchant wholesalers Retail trade	985,905 429,089 253,066 303,750		999,312 432,674 254,654 311,984	434,038 255,671	1,004,540 435,200 255,850 313,490	1,004,425 434,434 255,808 314,183	1,007,618 435,743 257,895 313,980	1,011,899 437,873 258,088 315,938	438,560 259,389	1,017,150 441,508 258,046 317,596	1,019,025 443,460 259,029 316,536	1,026,255 444,823 264,154 317,278	1,027,787 446,602 262,314 318,871	1,030,243 448,447 264,899 316,897	1,037,405 449,136 268,043 320,226	
					Industrial p	oroduction	ndexes an	d capacity	utilization i	ates (seas	onally adju	sted) <sup>2</sup>				
Industrial production indexes, 1992=100: Total	112.1	115.2	116.0	116.2	117.2	117.7	117.8	118.4	118.8	119.3	119.5	119.9	120.8	121.5	122.1	122.7
By industry:     Durable manufactures     Nondurable manufactures By market category:	119.7 106.2	125.7 106.3	127.2 106.9	127.1 107.4	128.4 107.9	128.8 108.8	129.5 108.5	130.8 108.6	131.7 108.7	132.3 108.7	132.7 108.7	134.1 108.4	135.4 109.1	137.5 108.8	137.8 109.2	138.7 109.7
Consumer goods	108.9	110.4	110.5	110.8	112.3	112.7	111.7	111.6	112.1	112.1	112.6	112.3	112.5	113.3	113.5	114.2
Capacity utilization rates (percent): Total industry Manufacturing	83.8 83.1	83.1 82.1	83.1 82.1	83.0 82.0	83.4 82.4	83.5 82.5	83.3 82.4	83.5 82.6	83.6 82.7	83.6 82.6	83.5 82.4	83.5 82.5	83.9 82.9	84.1 83.2	84.2 83.1	84.3 83.3
					Credit mar	ket borrowi	ng (billions	of dollars	, seasonally	/ adjusted	at annual r	ates) 2				
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	1,218.3 74.3 348.5 -48.2 311.8 113.0 49.3 229.0 140.5	1,316.0 102.6 376.5 1.3 273.0 95.7 50.0 330.6 86.3			1,358.4 142.1 379.7 44.2 326.2 64.5 13.2 346.0 42.6			199.4 186.9 23.2 84.3 148.3			1,224.7 109.4 189.1 76.5 289.7 146.6 59.8 301.2 52.4					

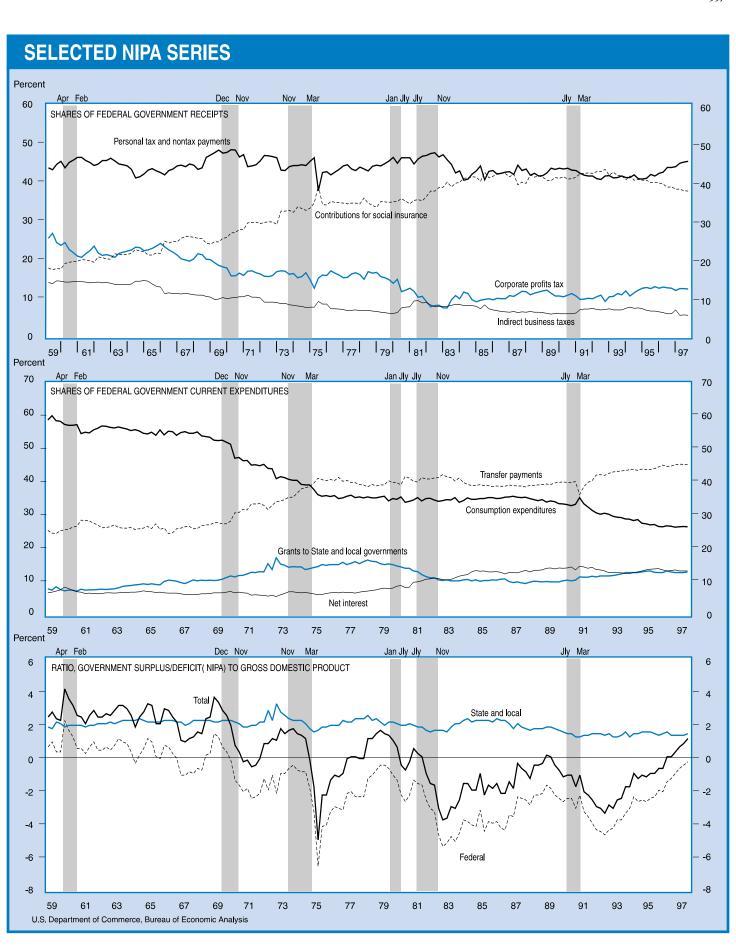
Sources:
1. Bureau of Labor Statistics.
2. Federal Reserve Board.

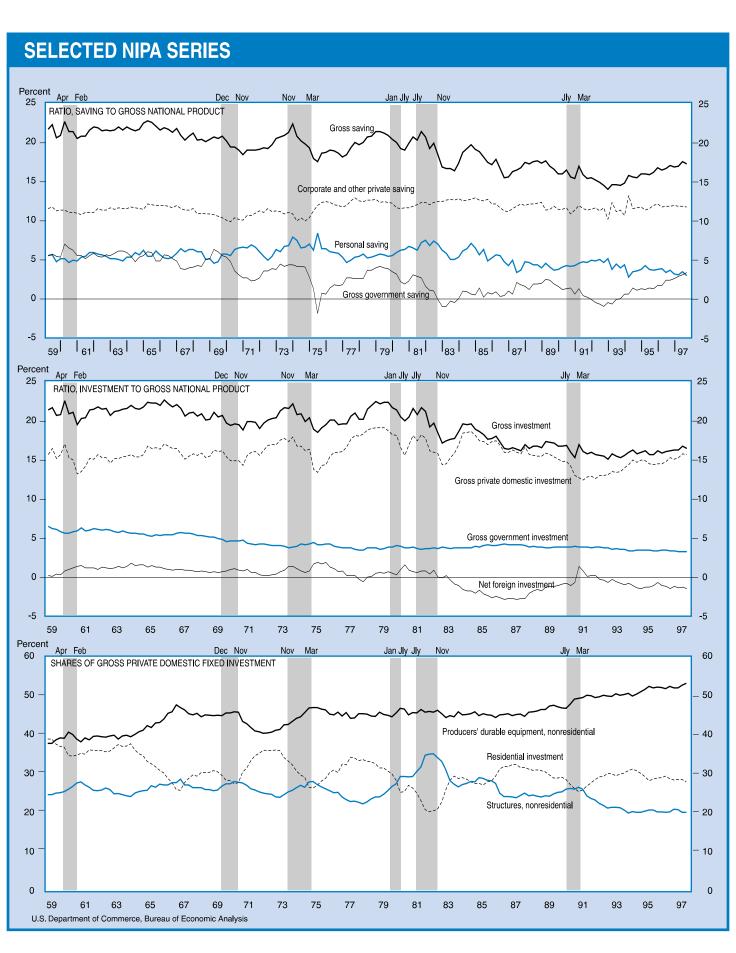
Standard and Poor's, Inc.
 Bureau of the Census.
 n.e.c. Not elsewhere classified.

# E. Charts.

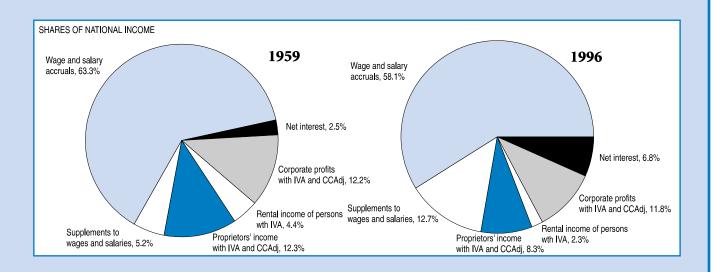
Percent changes shown in this section are based on quarter-to-quarter changes and are expressed at seasonally adjusted annual rates; likewise, levels of series are expressed at seasonally adjusted annual rates as appropriate.

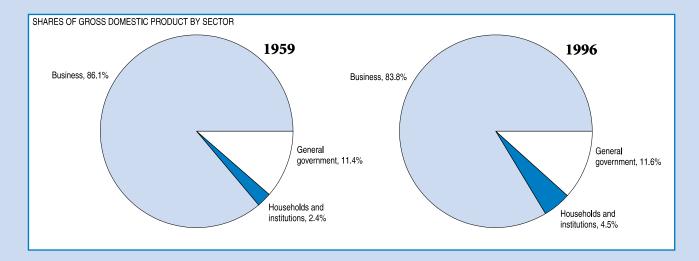


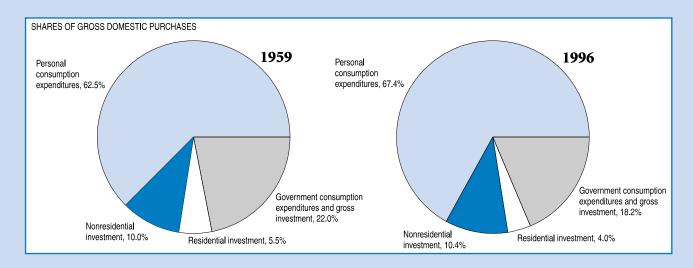


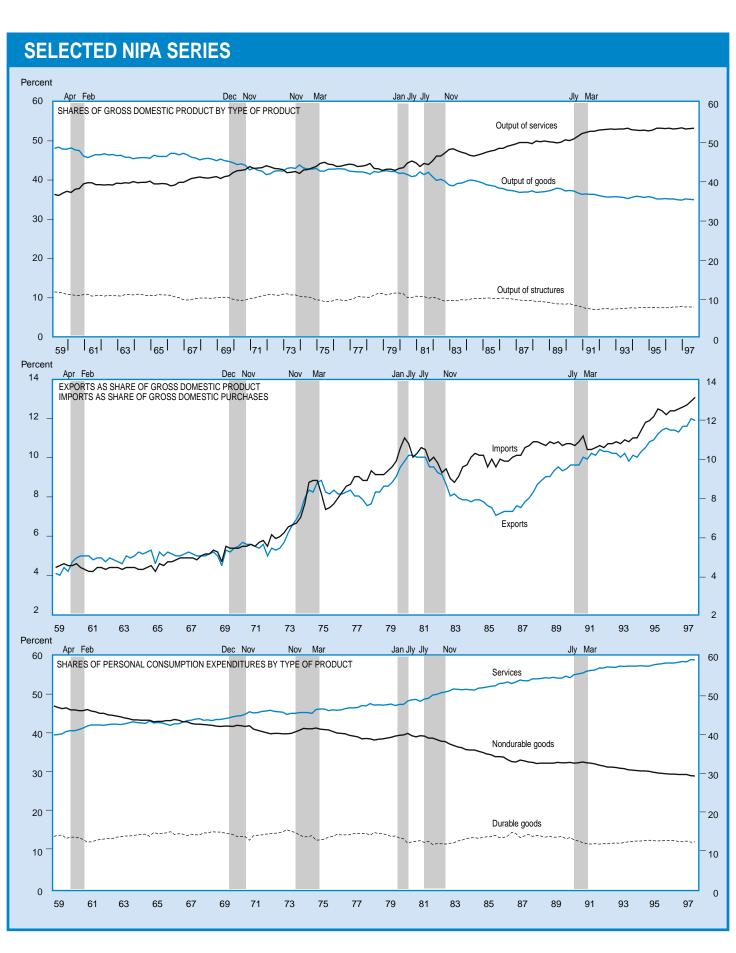


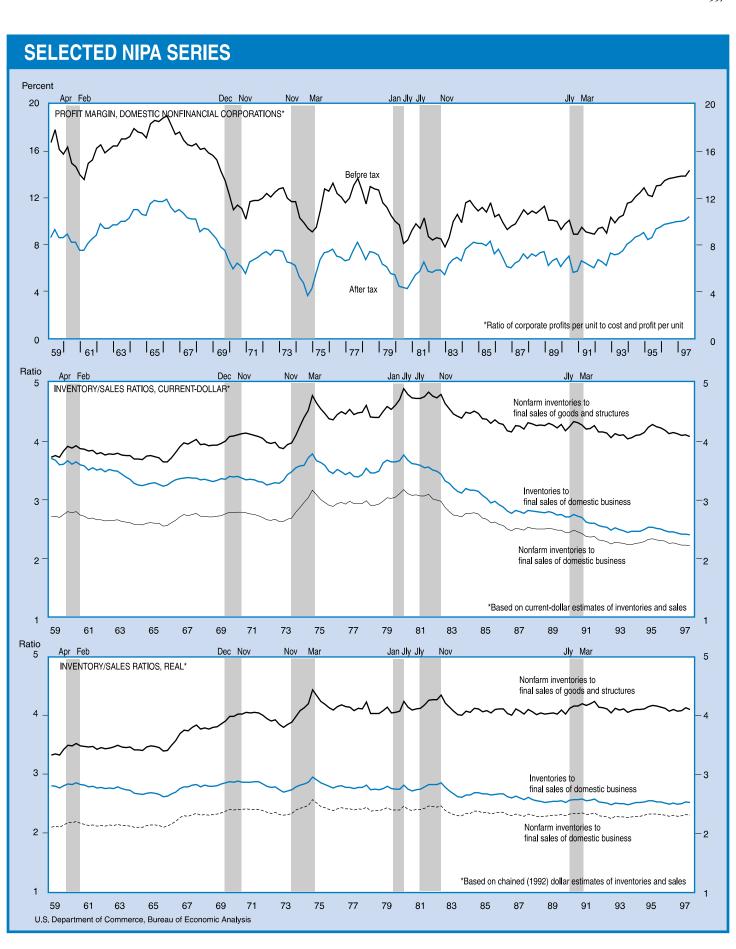
# **SELECTED NIPA SERIES**



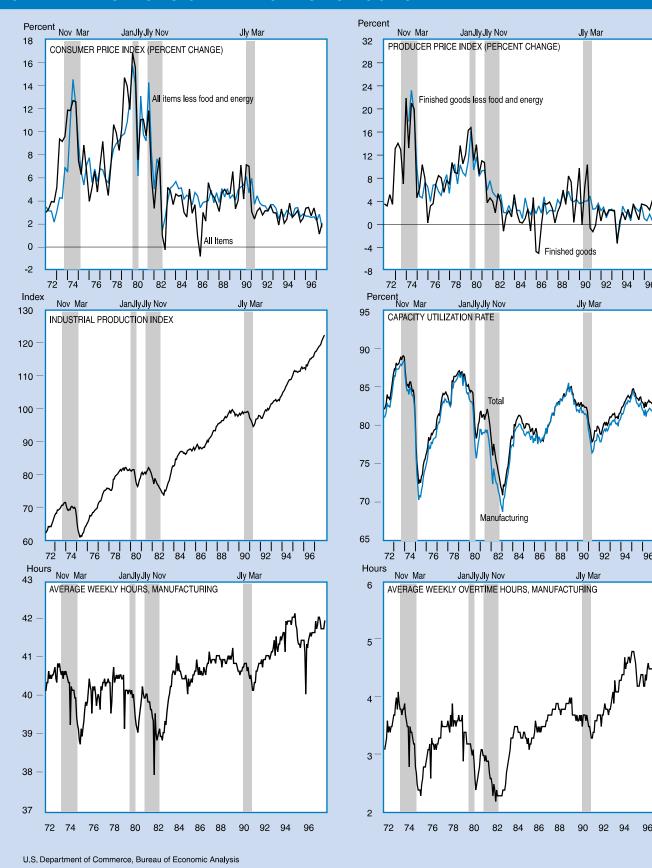




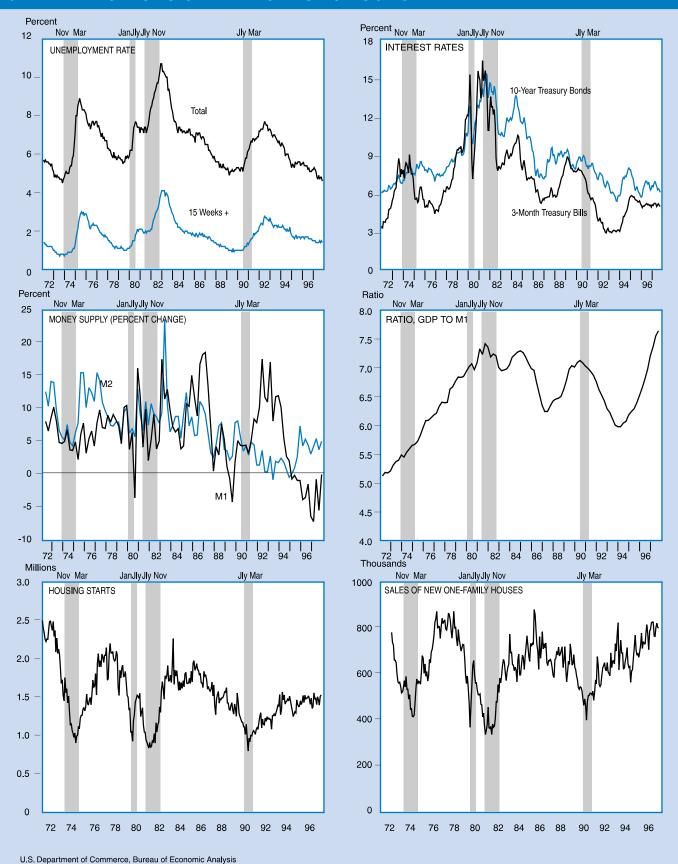




# OTHER INDICATORS OF THE DOMESTIC ECONOMY



# OTHER INDICATORS OF THE DOMESTIC ECONOMY



# **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 November 20, 1997 and include "preliminary" estimates for September 1997 and "revised" estimates for August. 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]

	1995	1996			1996							1997				
	1995	1990	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. r	Sept. P
Exports of goods and services	794,610	848,833	71,150	70,435	73,088	73,969	72,444	71,848	74,282	78,124	77,791	77,742	78,515	77,787	78,578	77,999
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 <sup>1</sup>	575,871 50,473 146,247 233,046 61,828 64,425 28,723 -8,871	612,069 55,534 147,652 252,895 65,021 70,138 33,836 -13,006	51,254 4,686 12,339 21,158 5,485 5,868 3,071 -1,352	50,423 4,424 12,189 20,417 5,719 5,892 3,092 -1,309	<b>52,503</b> 4,545 12,679 22,049 5,410 6,141 2,744 -1,065	53,209 5,012 12,252 22,211 5,878 6,070 3,064 -1,279	<b>52,133</b> 4,398 12,463 22,052 5,465 6,015 3,056 -1,316	<b>51,686</b> 4,327 12,091 21,555 5,600 6,068 2,595 -551	53,687 4,272 12,706 22,715 5,907 6,264 2,493 -671	57,155 4,181 13,731 24,713 6,228 6,481 2,808 -988	<b>57,162</b> 4,162 13,507 24,971 6,171 6,339 2,709 -697	56,871 4,052 13,399 24,760 5,935 6,663 3,057 -995	57,378 3,929 13,885 24,482 6,251 6,720 2,968 -857	56,745 3,832 13,169 24,898 6,261 6,397 3,218 -1,031	<b>57,326</b> 4,234 13,373 24,913 6,174 6,448 3,228 -1,044	56,508 4,342 13,197 24,802 5,877 6,401 3,015 -1,127
Travel Passenger fares Other transportation Royalties and license fees Other private services Transfers under U.S. military agency sales contracts <sup>2</sup> U.S. Government miscellaneous services	218,739 63,395 19,125 27,412 27,383 66,850 13,756 818	236,764 69,908 20,557 27,216 29,974 73,569 14,647 893	19,896 5,945 1,766 2,293 2,498 6,145 1,179 70	20,012 6,047 1,789 2,230 2,514 6,196 1,165 71	20,585 6,145 1,791 2,400 2,559 6,321 1,299 70	20,760 6,215 1,801 2,393 2,570 6,370 1,342 69	20,311 5,823 1,690 2,349 2,574 6,426 1,381 68	20,162 5,947 1,711 2,291 2,561 6,510 1,074 68	20,595 6,243 1,797 2,321 2,563 6,588 1,015 68	20,969 6,366 1,811 2,387 2,575 6,662 1,101 67	20,629 5,957 1,742 2,364 2,633 6,702 1,167 64	20,871 6,028 1,765 2,358 2,647 6,808 1,202 63	21,137 6,106 1,801 2,417 2,655 6,882 1,213 63	21,042 6,056 1,776 2,387 2,674 6,955 1,127 67	21,252 6,150 1,776 2,410 2,687 7,012 1,149 68	21,491 6,347 1,848 2,424 2,700 6,930 1,174 68
Imports of goods and services	896,467	959,873	81,157	81,323	81,023	81,634	83,045	83,458	84,138	85,955	86,585	87,299	86,808	87,805	88,035	89,067
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 <sup>1</sup>	749,431 33,176 181,849 221,431 123,795 159,905 23,387 5,888	803,239 35,710 204,482 229,050 128,938 171,007 26,102 7,950	68,013 3,015 17,384 19,010 11,216 14,438 2,181 770	68,400 2,991 17,841 19,133 11,160 14,769 2,199 307	67,823 3,009 18,250 18,943 10,156 14,952 2,198 315	68,385 2,976 17,562 19,330 11,234 14,749 2,245 289	69,828 3,189 18,698 19,581 10,846 15,149 2,130 235	69,834 3,074 17,944 19,466 11,763 15,117 2,224 247	70,448 3,105 17,641 19,439 12,113 15,256 2,465 429	<b>72,032</b> 3,328 17,969 20,422 11,685 14,927 2,244 1,456	<b>72,689</b> 3,358 17,575 20,686 11,366 16,214 2,472 1,019	<b>73,234</b> 3,378 17,905 20,988 11,625 16,079 2,361 897	<b>72,622</b> 3,251 17,565 21,250 11,594 15,716 2,355 891	<b>73,593</b> 3,395 17,456 21,574 12,291 16,100 2,549 227	<b>73,885</b> 3,347 17,878 22,060 11,817 16,009 2,531 242	74,650 3,384 18,229 21,908 11,767 16,611 2,493 258
Services  Travel Passenger fares Other transportation Royalties and license fees Other private services Direct defense expenditures <sup>2</sup> U.S. Government miscellaneous services	147,036 46,053 14,433 28,249 6,503 39,285 9,890 2,623	156,634 48,739 15,776 28,453 7,322 42,796 10,861 2,687	13,144 4,046 1,324 2,403 658 3,554 928 231	12,923 3,955 1,305 2,372 556 3,578 925 232	13,200 4,025 1,344 2,478 577 3,640 909 227	13,249 4,156 1,367 2,323 589 3,680 907 227	13,217 4,061 1,342 2,366 604 3,707 911 226	13,624 4,295 1,411 2,448 588 3,739 914 229	13,690 4,312 1,425 2,439 598 3,770 917 229	13,923 4,411 1,447 2,491 613 3,811 922 228	13,896 4,286 1,427 2,526 651 3,851 930 225	14,065 4,381 1,434 2,550 666 3,875 934 225	14,186 4,426 1,453 2,486 674 3,987 936 224	<b>14,212</b> 4,367 1,455 2,532 683 4,009 938 228	14,150 4,369 1,457 2,517 665 3,975 939 228	14,417 4,465 1,496 2,570 677 4,041 940 228
Memoranda: Balance on goods Balance on services Balance on goods and services	-173,560 71,703 -101,857	-191,170 80,130 -111,040	-16,759 6,752 -10,007	-17,976 7,089 -10,887	-15,320 7,385 -7,935	-15,176 7,511 -7,665	-17,695 7,094 -10,601	-18,149 6,538 -11,611	-16,761 6,905 -9,856	-14,877 7,046 -7,831	-15,528 6,733 -8,795	-16,363 6,806 -9,557	-15,244 6,951 -8,293	-16,849 6,830 -10,019	-16,559 7,102 -9,457	-18,142 7,074 -11,068

P Preliminary.

2. Contains goods that cannot be separately identified.
Source: U.S. Department of Commerce, Bureau of Economic Analysis and Bureau of the Census

<sup>1.</sup> Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and definitions used to prepare BEA's international and national accounts.

## Table F.2.—U.S. International Transactions

[Millions of dollars]

								1	1					
				l	Not seasona	lly adjusted					Seasonally	adjusted		
Line	(Credits +; debits -) 1	1996		19	96		19	97		19	96		199	7
			1	II	III	IV	$\mathbf{I}^r$	P	- 1	11	III	IV	1"	P
1	Exports of goods, services, and income	1,055,233	256,473	261,665	260,424	276,672	278,315	292,320	256,382	262,335	261,979	274,545	279,521	292,721
2	Goods, adjusted, excluding military 2	612,069	151,442	154,198	145,670	160,759	162,812	172,626	150,048	153,411	150,764	157,846	162,527	171,489
3 4	Services <sup>3</sup> Transfers under U.S. military agency sales contracts <sup>4</sup>	236,764 14,647	55,409 3,092	57,121 3,961	63,564 3,572	60,669 4,022	59,841 3,190	60,967 3,582	57,057 3,092	58,736 3,961	59,322 3,572	61,656 4,022	61,725 3,190	62,637 3,582
5	Travel	69,908	14,804	17,165	21,041	16,898	16,421	17,916	16,712	17,356	17,659	18,183	18,556	18,091
6 7	Passenger fares Other transportation	20,557 27,216	4,768 6,436	4,769 6,788	6,104 6,763	4,916 7,229	4,976 6,873	5,109 7,124	5,087 6,555	4,952 6,805	5,237 6,716	5,282 7,142	5,319 6,999	5,308 7,139
8	Royalties and license fees 5	29,974	7,120	7,170	7,410	8,273	7,389	7,753	7,432	7,345	7,495	7,703	7,699	7,935
9 10	Other private services 5 U.S. Government miscellaneous services	73,569 893	18,900 289	17,082 187	18,464 210	19,124 207	20,789 203	19,293 190	17,890 289	18,130 187	18,433 210	19,117 207	19,759 203	20,392 190
11	Income receipts on U.S. assets abroad	206,400	49,622	50,346	51,190	55,243	55,663	58,728	49,277	50,188	51,893	55,043	55,269	58,595 27,498
12 13	Direct investment receipts Other private receipts	98,890 102,866	23,613 24,643	24,318 25,053	23,837 25,938	27,123 27,232	26,164 28,544	27,893 30,096	23,389 24,643	23,929 25,053	24,675 25,938	26,898 27,232	25,872 28,544	30,096
14 15	U.S. Government receipts  Imports of goods, services, and income	4,644 -1,163,450	1,366 - <b>270,428</b>	975 - <b>289,195</b>	1,415 - <b>301,489</b>	- <b>302,337</b>	955 - <b>300,017</b>	739 - <b>322,944</b>	1,245 - <b>278,860</b>	1,206 - <b>289,231</b>	1,280 <b>-295,865</b>	913 - <b>299,493</b>	853 - <b>310,811</b>	1,001 - <b>322,688</b>
16	Goods, adjusted, excluding military 2	-803,239	-187,729	-199,450	-205,518	-210,542	-204,876	-217,082	-192,973	-200,973	-203,257	-206,036	-212,314	-218,392
17	Services <sup>3</sup>	-156,634	-35,837	-40,128	-42,415	-38,253	-38,247	-43,393	-38,671	-38,953	-39,345	-39,664	-41,238	-42,147
18 19	Direct defense expenditures  Travel	-10,861 -48,739	-2,607 -10.492	-2,747 -13,236	-2,780 -14.321	-2,727 -10,690	-2,753 -10,935	-2,800 -14,309	-2,607 -12,484	-2,747 -12,099	-2,780 -11.915	-2,727 -12,241	-2,753 -13,018	-2,800 -13.093
20	Passenger fares	-15,776	-3,545	-4,188	-4,406	-3,637	-3,947	-4,567	-3,860	-3,943	-3,920	-4,053	-4,283	-4,314
21 22	Other transportation	-28,453 -7.322	-6,648 -1.697	-7,222 -1.606	-7,380 -2.154	-7,203 -1,865	-7,191 -1.772	-7,533 -1.892	-6,816 -1.724	-7,253 -1,684	-7,218 -2.144	-7,166 -1.770	-7,378 -1.799	-7,562 -1.992
23 24	Other private services <sup>5</sup> U.S. Government miscellaneous services	-42,796	-10,190 -658	-10,473 -657	-10,682 -692	-11,451 -680	-10,962 -686	-11,618	-10,522 -658	-10,570	-10,676 -692	-11,027 -680	-11,321	-11,712
25	Income payments on foreign assets in the United States	-2,687 -203,577	-46,862	-49,616	-53.556	-53,542	-56,895	-674 -62.469	-47,216	-657 -49,305	-53,263	-53,793	-686 -57,259	-674 -62.149
26 27	Direct investment payments Other private payments	-32,132 -100,103	-6,488 -24,210	-8,184 -24,600	-9,905 -25,158	-7,554 -26,135	-8,175 -27,581	-10,433 -29,242	-6,842 -24,210	-7,873 -24,600	-9,612 -25,158	-7,805 -26,135	-8,539 -27,581	-10,113 -29,242
28	U.S. Government payments	-71,342	-16,164	-16,832	-18,493	-19,853	-21,139	-22,794	-16,164	-16,832	-18,493	-19,853	-21,139	-22,794
29	Unilateral transfers, net	-39,968	-10,438	-8,122	-9,103	-12,305	-8,604	-8,719	-10,406	-8,689	-8,947	-11,926	-8,682	-9,063
30 31	U.S. Government grants <sup>4</sup> U.S. Government pensions and other transfers	-14,933 -4,331	-4,321 -955	-2,423 -781	-2,690 -1,188	-5,499 -1,407	-2,109 -795	-2,255 -1,057	-4,321 -1,136	-2,423 -1,081	-2,690 -1,064	-5,499 -1,050	-2,109 -1,083	-2,255 -1,128
32	Private remittances and other transfers 6	-20,704	-5,162	-4,918 <b>54.464</b>	-5,225	-5,399	-5,700	-5,407	-4,949 <b>70.760</b>	-5,185	-5,193	-5,377	-5,490	-5,680
33 34	U.S. assets abroad, net (increase/capital outflow (-))  U.S. official reserve assets, net <sup>7</sup>	- <b>352,444</b> 6,668	- <b>72,816</b> 17	- <b>51,161</b> -523	- <b>78,638</b> 7,489	- <b>149,829</b> -315	- <b>130,316</b> 4,480	- <b>97,395</b> -236	-70,768 17	- <b>49,698</b> -523	- <b>77,542</b> 7,489	- <b>154,436</b> -315	- <b>127,969</b> 4,480	- <b>95,492</b> -236
35 36	Gold	370	-199	-133	848	-146	72	-133	-199	-133	848	-146	72	-133
37	Reserve position in the International Monetary Fund	-1,280	-849	-220	-183	-28	1,055	54	-849	-220	-183	-28	1,055	54
38 39	Foreign currencies  U.S. Government assets, other than official reserve assets, net	7,578 -690	1,065 –210	-170 -358	6,824 162	-141 -284	3,353 –21	-157 -238	1,065 -210	-170 -358	6,824 162	-141 -284	3,353 –21	-157 -238
40 41	U.S. credits and other long-term assets	-4,930 4,134	-1,076 1,013	-1,489 870	-1,127 1,206	-1,238 1,045	-1,107 1,111	-1,572 1,328	-1,076 1,013	-1,489 870	-1,127 1,206	-1,238 1,045	-1,107 1,111	-1,572 1,328
42	U.S. foreign currency holdings and U.S. short-term assets, net	106	-147	261	83	-91	-25	6	-147	261	83	-91	-25	6
43 44	U.S. private assets, net	-358,422 -87,813	-72,623 -24,258	-50,280 -25,097	-86,289 -12,200	-149,230 -26,258	-134,775 -28,773	-96,921 -30,984	-70,575 -22,210	-48,817 -23,634	-85,193 -11,104	-153,837 -30,865	-132,428 -26,426	-95,018 -29.081
45 46	Foreign securities U.S. claims on unaffiliated foreigners reported by U.S. nonbanking	-108,189	-34,455	-20,328	-23,206	-30,200	-14,510	-21,325	-34,455	-20,328	-23,206	-30,200	-14,510	-21,325
47	concerns	-64,234	-15,778	-5,047	-17,294	-26,115	-29,466	-15,000	-15,778	-5,047	-17,294	-26,115	-29,466	-15,000 -29,612
48	U.S. claims reported by U.S. banks, not included elsewhere	-98,186 <b>547,555</b>	1,868 <b>88,018</b>	192 <b>106,568</b>	-33,589 <b>159,231</b>	-66,657 <b>193,738</b>	-62,026 <b>181,978</b>	-29,612 <b>152,097</b>	1,868 <b>88,233</b>	192 <b>106,114</b>	-33,589 <b>158,629</b>	-66,657 <b>194,579</b>	-62,026 <b>182,238</b>	-29,612 <b>151,649</b>
49	Foreign official assets in the United States, net	122,354	52,014	13,154	24,089	33,097	28,891	-3,719	52,014	13,154	24,089	33,097	28,891	-3,719
50 51	U.Š. Government securities	115,634 111,253	55,652 55,600	-2,125 -3,383	26,689 25,472	35,418 33,564	23,940 23,289	-7,800 -8,444	55,652 55,600	-2,125 -3,383	26,689 25,472	35,418 33,564	23,940 23,289	-7,800 -8,444
52 53	Other U.S. Government liabilities 11	4,381 720	52 -143	1,258 -204	1,217 907	1,854 160	651 478	644 804	52 -143	1,258 -204	1,217 907	1,854 160	651 478	644 804
54 55	U.S. liabilities reported by U.S. banks, not included elsewhere  Other foreign official assets 12	4,722 1,278	-3,284 -211	14,198 1,285	-1,922 -1,585	-4,270 1,789	7,698 -3,225	2,346 931	-3,284 -211	14,198 1,285	-1,922 -1,585	-4,270 1,789	7,698 -3,225	2,346 931
56	Other foreign assets in the United States, net	425,201	36,004	93,414	135,142	160,641	153,087	155,816	36,219	92,960	134,540	161,482	153,347	155,368
57 58	Direct investment	76,955 172,878	15,662 10,602	17,894 36,152	26,579 50,798	16,820 75,326	30,381 51,289	29,320 50,816	15,877 10,602	17,440 36,152	25,977 50,798	17,661 75,326	30,641 51,289	28,872 50,816
59 60	U.S. securities other than U.S. Treasury securities	133,798	36,475	29,761	35,115	32,447	38,820	51,537	36,475	29,761	35,115	32,447	38,820	51,537
61	concerns	31,786	6,800	7,288 2,319	20,610 2,040	-2,912	15,210	-3,000	6,800	7,288 2,319	20,610 2,040	-2,912 38,960	15,210	-3,000
62	U.S. liabilities reported by U.S. banks, not included elsewhere	9,784	-33,535	2,319	2,040	38,960	17,387	27,143	-33,535	2,319	2,040	30,900	17,387	27,143
63	Statistical discrepancy (sum of above items with sign reversed)	-46,927	9,191	-19,755	-30,424	-5,938	-21,356	-15,359	15,419	-20,831	-38,254	-3,269	-14,297	-17,127
63a	Of which seasonal adjustment discrepancy  Memoranda:								6,228	-1,076	-7,830	2,669	7,059	-1,768
64	Balance on goods (lines 2 and 16)	-191,170	-36,287	-45,252	-59,848	-49,783	-42,064	-44,456	-42,925	-47,562	-52,493	-48,190	-49,787	-46,903
65 66	Balance on services (lines 3 and 17) Balance on goods and services (lines 64 and 65)	80,130 -111,040	19,572 -16,715	16,993 -28,259	21,149 -38,699	22,416 -27,367	21,594 -20,470	17,574 -26,882	18,386 -24,539	19,783 -27,779	19,977 -32,516	21,992 -26,198	20,487 -29,300	20,490 -26,413
67 68	Balance on investment income (lines 11 and 25)	2,824	2,760	729	-2,367	1,701	-1,232	-3,741	2,061	883	-1,370	1,250	-1,990	-3,554
69	67) 13 Unilateral transfers, net (line 29)	-108,216 -39,968	-13,955 -10,438	-27,530 -8,122	-41,066 -9,103	-25,666 -12,305	-21,702 -8,604	-30,623 -8,719	-22,478 -10,406	-26,896 -8,689	-33,886 -8,947	-24,948 -11,926	-31,290 -8,682	-29,967 -9,063
70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) 13	-148,184	-24,393	-35,652	-50,169	-37,971	-30,306	-39,342	-32,884	-35,585	-42,833	-36,874	-39,972	-39,030

See footnotes to table F.3.

#### Table F.3.—Selected U.S. International Transactions, by Area

[Millions of dollars]

	1	W	estern Europ	e uona	·	opean Union	14	U	nited Kingdor	m	Europ	ean Union (6	3) 15
Line	(Credits +; debits -) <sup>1</sup>	1996	19		1996	19		1996	19		1996	199	
20	(crodite 1, desire )	IV	r	P	IV	r	P	IV	r	<i>p</i>	IV	r	P
1	Exports of goods, services, and income	80,959	82,285	86,035	72,927	74,107	76,624	21,359	23,784	24,207	39,566	38,711	40,737
2	Goods, adjusted, excluding military <sup>2</sup>	35,621	38,645	39,903	32,732	35,089	35,178	6,992	9,554	9,335	20,404	20,391	20,808
3 4	Services <sup>3</sup>	21,287 859	19,651 934	21,010 866	18,779 456	17,350 566	18,648 487	5,575 72	5,347 213	5,602 109	9,635 171	8,859 150	9,666 152
5	Travel	5,427	4,678	5,730	4,816	4,247	5,237	1,804	1,602	1,966	2,233	1,937	2,465
6 7	Passenger fares Other transportation	1,621 2,062	1,448 1,942	1,658 2,035	1,518 1,614	1,375 1,557	1,572 1,610	441 397	358 458	363 447	822 691	821 687	967 709
8	Royalties and license fees 5	4,441	3,711	3,777	4,231	3,542	3,602	842	625	629	2,538	2,162	2,196
9 10	Other private services 5 U.S. Government miscellaneous services	6,840 37	6,896 42	6,907 37	6,113 31	6,026 37	6,108 33	2,008 11	2,079 12	2,077 11	3,165 15	3,086 15	3,163 14
11	Income receipts on U.S. assets abroad	24,051	23,990	25,122	21,416	21,668	22,798	8,793	8,883	9,270	9,527	9,462	10,263
12 13	Direct investment receipts Other private receipts	12,891 10,956	12,013 11,695	12,605 12,348	11,061 10,178	10,583 10,843	11,201 11,452	4,025 4,740	3,795 5,088	3,817 5,453	5,476 3,914	5,184 4,137	5,814 4,317
14 15	U.S. Government receipts	204 - <b>82,791</b>	282 - <b>83,405</b>	169 - <b>94,694</b>	177 - <b>75,489</b>	242 - <b>75,539</b>	145 <b>-86,404</b>	28 <b>-27,662</b>	-28,874	-31,903	137 - <b>37,311</b>	141 - <b>36,856</b>	132 <b>-42,813</b>
16	Goods, adjusted, excluding military <sup>2</sup>	-41,720	-40,901	-44,995	-37,940	-37,268	-41,102	-7,743	-7,578	-7,940	-23,647	-23,637	-26,533
17	Services <sup>3</sup>	-14,829	-14,442	-18,280	-13,040	-12,697	-16,087	-4,297	-4,671	-5,464	-6,883	-6,567	-8,213
18 19	Direct defense expenditures  Travel	-1,769 -3,254	-1,780 -3,057	-1,800 -5,675	-1,465 -3,054	-1,415 -2,871	-1,450 -5,194	–79 –1,040	-136 -1,020	–100 –1,467	-1,217 -1,509	-1,168 -1,554	-1,200 -2,771
20 21	Passenger fares Other transportation	-1,694 -2,482	-1,752 -2,456	-2,407 -2,667	-1,526 -1,932	-1,593 -1,932	-2,163 -2,047	-563 -459	-631 -565	-926 -563	-690 -960	-679 -967	-853 -980
	Royalties and license fees 5	-1,282	-1,213	-1,335	-1,083	-1,932 -1,035	-1,136	-532	-511	-510	-483	-465	-561
22 23 24	Other private services 5	-4,039 -309	-3,890 -293	-4,106 -289	-3,710 -269	-3,599 -252	-3,849 -248	-1,602 -22	-1,785 -23	-1,875 -23	-1,823 -201	-1,547 -186	-1,665 -183
	Income payments on foreign assets in the United States	-26,242	-28,063	-31,420	-24,509	-25,574	-29,215	-15,622	-16,626	-18,498	-6,782	-6,652	-8,067
25 26 27	Direct investment payments Other private payments	-5,809 -12,863	-6,311 -13,688	-8,184 -14,404	-5,645 -12,085	-5,521 -12,762	-7,700 -13,449	-2,635 -9,180	-2,666 -9,776	-3,329 -10,305	-2,550 -2,405	-2,344 -2,429	-3,626 -2,544
28	U.S. Government payments	-7,570	-8,064	-8,832	-6,779	-7,291	-8,066	-3,807	-4,184	-4,864	-1,827	-1,879	-1,897
29 30	U.S. Government grants <sup>4</sup>	- <b>46</b> -217	<b>45</b> –102	<b>33</b> –115	<b>282</b> -24	<b>243</b> -17	<b>245</b> -4	265	350	324	209	87	107
31 32	U.S. Government pensions and other transfers  Private remittances and other transfers <sup>6</sup>	-326 497	-281 428	-325 473	-250 556	-249 509	-278 527	-44 309	-44 394	-46 370	-144 353	-144 231	-158 265
33	U.S. assets abroad, net (increase/capital outflow (-))	-54,530	-83,486	-10,030	-46,360	-75,870	-8,117	-35,549	-34,277	-3,526	-10,768	-31,031	-3,946
34 35	U.S. official reserve assets, net 7	-109	-196	-139	-457	12	-227				-457	12	-227
36	Gold Special drawing rights												
36 37 38	Reserve position in the International Monetary Fund Foreign currencies	-109	-196	-139	-457	12	-227				-457	12	-227
39 40	U.S. Government assets, other than official reserve assets, net	89 -106	157 -86	-25 -112	48 -59	141 –35	–57 –51	127	<b>-</b> 5	-1	-35	-8	-8
41 42	Repayments on U.S. credits and other long-term assets <sup>8</sup>	223 -28	255 -12	95 -8	140 -33	188 -12	4 -10	125 2	-5		-35	-8	-8
43	U.S. private assets, net	-54,510	-83,447	-9,866	-45,951	-76,023	-7,833	-35,676	-34,272	-3,525	-10,276	-31,035	-3,711
44 45	Direct investment	-16,224 -20,361	-12,590 -3,366	-15,829 3,996	-15,076 -19,298	-11,023 -2,135	-15,291 3,620	-11,666 -17,700	-2,446 -2,013	-7,742 1,219	-1,948 -2,587	-6,631 1,504	-6,564 779
46	U.S. člaims on unaffiliated foreigners reported by U.S. nonbanking concerns	-10,063	-16.678		-11,269	-16,590		-6,996	-8,552		-4,460	-7.145	
47	U.S. claims reported by U.S. banks, not included elsewhere	-7,862	-50,813	1,967	-308	-46,275	3,838	686	-21,261	2,998	-1,281	-18,763	2,074
48 49	Foreign assets in the United States, net (increase/capital inflow (+))	<b>77,314</b> 3,150	<b>111,398</b> 11,034	<b>94,619</b> 3,213	73,962	103,122	92,311	65,058	80,358	41,621	6,598	11,978	46,146
50	U.S. Government securities	(17) (17) (17)	(17)	(17) (17)	(18) (18)	(18)	(18)	(18) (18)	(18)	(18) (18)	(18) (18)	(18)	(18) (18)
51 52 53	U.S. Treasury securities 9 Other 10	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	18	(18)	18
54	Other U.S. Government liabilities 11	310 (17) (17)	73 (17)	221 (17)	150 (18)	(18)	158 (18)	7 (18)	-77 (18)	-33 (18)	`53 (18)	76 (18)	64 (18) (18)
55 56	Other foreign official assets 12	74.164	(17)	(17) 91.406	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57 58	Direct investment	11,840	26,390	23,710	9,871	24,223	21,271	8,385	13,684	4,252 (18)	2,863	10,138	15,883
59	Direct investment	16,873	30,948	32,344	16,704	29,431	30,053	(18) 17,220	21,470	20,721	-1,243	6,003	(18) 7,756
60	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks, not included elsewhere	1,500	12,825		1,232	12,560		1,329	11,576		62	713	
61 62	U.S. liabilities reported by U.S. banks, not included elsewhere	(17)	(17)	(17)	<sup>18</sup> 46,005	18 36,814	<sup>18</sup> 40,829	<sup>18</sup> 38,117	<sup>18</sup> 33,705	<sup>18</sup> 16,681	<sup>18</sup> 4,863	18 –4,952	<sup>18</sup> 22,443
63	Statistical discrepancy, and transfers of funds between foreign areas, net												•••••
	(sum of above items with sign reversed)	-20,906	-26,837	-75,962	-25,323	-26,062	-74,659	-23,472	-41,341	-30,724	1,706	17,111	-40,231
64	Balance on goods (lines 2 and 16)	-6,099	-2,256	-5,092	-5,208	-2,179	-5,924	-751	1,976	1,395	-3,243	-3,246	-5,725
65 66	Balance on goods (lines 2 and 16) Balance on services (lines 3 and 17) Balance on goods and services (lines 64 and 65)	6,458 359	5,209 2,953	2,730 -2,362	5,739 531	4,653 2,474	2,561 -3,363	1,278 527	677 2,653	138 1,533	2,752 -491	2,292 -954	1,453 -4,272
67 68	Balance on goods, services, and income (lines 1 and 25)	-2,191 -1,832	-4,073 -1,120	-6,298 -8,660	-3,093 -2,562	-3,906 -1,433	-6,417 -9,780	-6,829 -6,303	-7,743 -5,090	-9,228 -7,696	2,746 2,255	2,809 1,855	2,196 -2,076
69 70	Unilateral transfers, net (line 29)	-46 -1,878	45 -1,075	-8,627	282 -2,280	243 -1,190	245 -9,535	265 -6,038	350 -4,740	324 -7,372	209 2,464	87 1,942	107 -1,969
	oliminan								·	r oquipment	,		

P Preliminary. r Revised.

<sup>1.</sup> Credits, +: Exports of goods, services, and income; unilateral transfers to United States; capital inflows (increase in foreign assets (U.S. liabilities) or decrease in U.S. assets); decrease in U.S. official reserve assets; increase in foreign official assets in the United States.

Debits, -: Imports of goods, services, and income; unilateral transfers to foreigners; capital outflows (decrease in foreign assets (U.S. liabilities) or increase in U.S. assets); increase in U.S. official reserve assets; decrease in foreign official assets in the United States.

In the United States.

2. Excludes exports of goods under U.S. military agency sales contracts identified in Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to balance of payments basis; see table 2 in "U.S. International Transactions, Second Quarter 1997" in the October 1997 issue of the Survey OF CURRENT BUSINESS.

<sup>3.</sup> Includes some goods: Mainly military equipment in line 4; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 18; and fuels purchased by airline and steamship operators in lines 7 and 21.

4. Includes transfers of goods and services under U.S. military grant programs.

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. Beginging in 1982, the "other transfers" component includes taxes paid by U.S. private recipies to foreign.

<sup>6.</sup> 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. For all areas, amounts outstanding March 31, 1997, were as follows in millions of dollars: Line 34, 67,813; line 35, 11,050; line 36, 10,023; line 37, 13,805; line 38, 32,935.

Table F.3.—Selected U.S. International Transactions, by Area—Continued

[Millions of dollars]

		E	astern Europ	e		Canada		Latin Ame	rica and Othe	er Western		Japan	
Line	(Credits +; debits -) <sup>1</sup>	1996	19	97	1996	199	97		Hemisphere		1996	199	)7
LIIIO	(ordula +, debita -)	IV	r	<i>p</i>	IV	r	<i>p</i>	1996	19   r		IV	r	P
	Figure of goods comition and income	2 400	2.400	2.440	44.070	47.400	40.220	IV E4 C44		p	27.407	20.740	28,370
2	Exports of goods, services, and income  Goods, adjusted, excluding military <sup>2</sup>	<b>3,199</b> 2,004	<b>3,108</b> 1,811	<b>3,416</b> 2,116	<b>44,070</b> 34,674	<b>47,188</b> 36,823	<b>49,229</b> 38,901	<b>51,614</b> 30,000	<b>51,153</b> 29,516	<b>55,221</b> 32,454	<b>27,407</b> 16,181	<b>28,710</b> 16,448	16,639
3	Services <sup>3</sup>	899	881	860	4,754	5,448	5,318	9,173	8,905	8,823	8,856	9,753	9,196
4 5	Transfers under U.S. military agency sales contracts <sup>4</sup>	87 207	96 173	78 221	18 1,359	24 1,954	23 1,840	99 3.833	114 3,543	96 3,472	96 3,214	156 3,486	99 3.152
6 7	Passenger fares Other transportation	35 148	20 99	21 108	327 732	327 726	307 774	1,028 897	979 849	961 926	1,380 846	1,743 774	1,561 829
8	Royalties and license fees 5	38	42	44	365	343	354	396	362	386	1,406	1,445	1,590
9 10	Other private services <sup>5</sup> U.S. Government miscellaneous services	373 11	442 9	378 10	1,936 17	2,056 17	2,004 16	2,887 33	3,019 39	2,949 33	1,886 28	2,135 14	1,953 12
11 12	Income receipts on U.S. assets abroad  Direct investment receipts	296 143	416 247	440 297	4,642 2,360	4,917 2,581	5,010 2,550	12,441 4.445	12,732 4.192	13,944 5,034	2,370 946	2,509 1,103	2,536 1.140
12 13 14	Other private receipts U.S. Government receipts	89 64	100 69	107 36	2,282	2,336	2,460	7,842 154	8,401 139	8,843 67	1,418	1,399	1,384 12
15	Imports of goods, services, and income	-3,133	-2,792	-3,170	-46,150	-47,506	-50,064	-51,207	-51,733	-54,856	-41,364	-41,415	-41,768
16	Goods, adjusted, excluding military 2	-2,182	-1,864	-2,010	-40,678	-42,004	-43,410	-33,372	-32,831	-34,957	-30,012	-30,096	-29,347
17 18	Services <sup>3</sup> Direct defense expenditures	-611 -114	-580 -79	-783 -100	-3,143 -11	-3,009 -18	-3,754 -15	-7,826 -79	-8,081 -85	-8,349 -85	-3,567 -267	-3,548 -257	-3,756 -275
19	Travel	-190	-212	-342	-756	-619	-1,237	-3,426	-3,713	-3,735	-783	-790	-875
20 21	Passenger fares Other transportation	-49 -97	-52 -80	-99 -78	-91 -911	-82 -925	–121 –1,001	-611 -522	-742 -589	-630 -640	-160 -1,057	-190 -982	–187 –1,031
22 23	Royalties and license fees <sup>5</sup> Other private services <sup>5</sup>	-4 -147	-2 -142	-2 -150	-56 -1,290	-59 -1,275	–59 –1,291	-26 -3,057	-28 -2,815	-34 -3,117	-318 -956	-326 -978	-312 -1,052
24	U.S. Government miscellaneous services	-10	-14	-13	-28	-32	-30	-106	-110	-109	-25	-24	-24
25 26	Income payments on foreign assets in the United States  Direct investment payments	-341 (*)	-348 -3	-377 6	-2,329 -578	-2,493 -685	-2,900 -972	-10,008 -249	-10,821 -351	-11,550 -475	-7,786 -1,325	-7,771 -1,016	-8,665 -1,332
27 28	Other private payments	-107 -234	-99 -246	-99 -283	-1,189 -562	-1,279 -529	–1,378 –550	-7,324 -2,435	-7,668 -2,802	-8,238 -2,837	-1,526 -4,935	-1,610 -5,145	-1,733 -5,600
29	Unilateral transfers, net	-737	-653	-653	-78	-102	-91	-2,685	-2,627	-2,681	-11	-66	-23
30 31	U.S. Government grants <sup>4</sup> U.S. Government pensions and other transfers	-420 -9	-292 -9	-326 -9	-101	-101	-118	-370 -185	-276 -140	-327 -157	-21		-21
32 33	Private remittances and other transfers 6	-308 - <b>835</b>	-352 - <b>3.738</b>	-318 <b>745</b>	23 <b>-13.065</b>	-1 - <b>12,332</b>	27 <b>-6,383</b>	-2,130 - <b>45.953</b>	-2,211 - <b>13,440</b>	-2,197 - <b>56.274</b>	10 - <b>8,701</b>	-44 - <b>2,623</b>	-2
34	U.S. assets abroad, net (increase/capital outflow (-))  U.S. official reserve assets, net 7	-635	-3,736	/45	-13,065	-12,332	-0,363	-45,953	3,500	-30,274	- <b>6,701</b> -32	<b>-2,623</b> 49	<b>–11,555</b> –18
35 36 37	Gold												
37 38	Reserve position in the International Monetary FundForeign currencies								3,500		-32	49	-18
39	U.S. Government assets, other than official reserve assets, net	-118	11	-14	1	-1		55	106	218	-12	8	2
40 41	U.S. credits and other long-term assets Repayments on U.S. credits and other long-term assets <sup>8</sup> U.S. foreign currency holdings and U.S. short-term assets, net	-31 9	-28 27	-328 314				-285 349	-270 386	-203 421			
42 43	U.S. private assets, net	-96 -717	12 -3,749	759	-13,066	-12,331	-6.383	-9 -46,008	-10 -17,046	-56.492	-12 -8,657	-2.680	-11.539
44 45	Direct investment Foreign securities	-255 141	-748 -85	-558 -577	-2,342 -3,581	-2,563 2,300	-2,800 -2,428	-3,053 2,269	-4,657 -6,992	-6,282 -9,987	-148 2,297	-1,045 -3,258	-890 -10,150
46	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	4	38	0	-4,214	681	2, 120	-10,262	-13,884	-15,000	-181	155	10,100
47	U.S. claims reported by U.S. banks, not included elsewhere	-607	-2,954	1,894	-2,929	-12,749	-1,155	-34,962	8,487	-25,223	-10,625	1,468	-499
48 49	Foreign assets in the United States, net (increase/capital inflow (+))	<b>4,777</b>	1,180	4,600	<b>9,235</b>	<b>3,906</b> 682	<b>5,729</b> -1,430	66,402	7,023	29,243	13,627	26,740 (18)	25,922
50 51	U.S. Government securities U.S. Treasury securities U.S. Treasury securities 9	(18)	(18)	(18)	(17)	(17) (17)	(17) (17)	(18)	(18)	(18)	(18)	(18)	(18)
52 53	Other I <sup>10</sup> Other U.S. Government liabilities <sup>11</sup>	(18)	(18) -22	(18)	(17)	(17)	(17) -10	(18)	(18) 58	(18)	(18) -134	(18) -154	18
54 55	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) (17)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	427 (18) (18)
56	Other foreign assets in the United States, net	\ / /	(18)	(18) 78	9,232	3,224	7,159	(18)	(18)	(18)	(18)	(18)	(18)
57 58	Direct investment	(18) 56 (18) -44	-217 (18) -33	78 (18) 99	3,800 (17)	2,034 (17)	1,611 ( <sup>17</sup> ) 977	-1,860 (18)	443 (18)	1,514 (18)	3,747 (18)	1,219 (18)	2,156 (18)
59 60	U.S. securities other than U.S. Treasury securitiesU.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking	-44	<del>`</del> 33	`99	2,384	2,924	977	7,902	192	8,735	4,Ò69	999	7,402
61	concerns	49 18 4.717	33 18 1,419	<sup>18</sup> 4,422	487 (17)	-1,038 (17)	(17)	-5,291 18 65,655	2,469 18 3,861	-3,000 18 21,983	-449 18 6,394	-111 18 24,787	<sup>18</sup> 15,937
62	Allocations of special drawing rights												
63	Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed)	-3,271	2,896	-4,939	5,987	8,847	1,581	-18,172	9,623	29,348	9,043	-11,346	-946
64	Memoranda: Balance on goods (lines 2 and 16) Balance on services (lines 3 and 17)	-178	-53	106	-6,004	-5,181	-4,509	-3,372	-3,315	-2,503	-13,831	-13,648	-12,708
65 66	Balance on goods and services (lines 64 and 65)	288 110	301 248	77 183	1,611 -4,393	2,439 -2,742	1,564 -2,945	1,347 -2,025	824 -2,491	474 -2,029	5,289 -8,542	6,206 -7,442	5,439 -7,269
67 68	Balance on investment income (lines 11 and 25)	-45 66	68 315	64 247	2,313 -2,080	2,424 -319	2,110 -836	2,433 408	1,911 -580	2,395 365	-5,416 -13,958	-5,262 -12,705	-6,129 -13,398
69 70	Unilateral transfers, net (line 29) Balance on current account (lines 1, 15, and 29 or lines 68 and 69) 13	–737 –672	-653 -338	-653 -407	–78 –2,158	–102 –421	–91 –927	-2,685 -2,277	-2,627 -3,207	-2,681 -2,316	–11 –13,969	-66 -12,771	-23 -13,421

<sup>8.</sup> Includes sales of foreign obligations to foreigners.
9. Consists of bills, certificates, marketable bonds and notes, and nonmarketable convertible and nonconvertible bonds and notes.
10. Consists of U.S. Treasury and Export-Import Bank obligations, not included elsewhere, and of debt securities of U.S. Government corporations and agencies.
11. Includes, primarily, U.S. Government liabilities associated with military agency sales contracts and other transactions arranged with or through foreign official agencies; see table 4 in "U.S. International Transactions, Second Quarter 1997" in the October 1997 issue of the SURVEY OF CURRENT BUSINESS.

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

<sup>13.</sup> Conceptually, the sum of lines 70 and 62 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 Peuro Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in Appendix A of this section of the SURVEY OF CURRENT BUSINESS. A reconciliation of the other foreign transactions in the two sets of accounts appears in table 4.5 of the full set of NIPA tables (published annually in the August issue of the SIRVEY) of the SURVEY).

## Table F.3.—Selected U.S. International Transactions, by Area—Continued

[Millions of dollars]

		[	Australia		Other cou	ntries in Asia a	and Africa	Internatio	nal organization	ns and
Line	(Credits +; debits -) <sup>1</sup>	1996	19:	97	1996	19		ι	ınallocated 16	
LIIIC	(Urbuits +, ubuits -)	IV	Įr.	<i>P</i>	IV	r	P	1996	199	
	Evneste of goods, carriers, and income	E EC0	E 240	5 007	E0 242	EC 120	E0 EE0	IV 4.611	· ·	P
2	Exports of goods, services, and income  Goods, adjusted, excluding military <sup>2</sup>	<b>5,568</b> 2,915	<b>5,319</b> 2,823	<b>5,997</b> 3,080	<b>59,243</b> 39,364	<b>56,128</b> 36,746	<b>59,550</b> 39,533	4,611	4,424	4,502
3	Services <sup>3</sup>	1,226 41	1,122 35	1,267 46	13,048 2,820	12,623 1,831	13,075 2,374	1,427 2	1,458	1,420
5	Travel	452	392	466	2,406	2,195	3,035			
6 7	Passenger fares Other transportation	112 80	100 72	128 79	413 2,342	359 2,230	473 2,219	122	181	154
8 9	Royalties and license fees <sup>5</sup> Other private services <sup>5</sup>	160 379	141 379	161 385	1,039 3,949	962 4,967	1,041 3,853	428 874	382 895	400 865
10	U.S. Government miscellaneous services	2	3	3	79	79	79	2.404	2.966	2.002
11 12	Income receipts on U.S. assets abroad	1,428 829 599	1,374 777 597	1,650 1,037 613	6,831 4,214	6,760 4,087	6,943 4,024	3,184 1,295	1,165	3,082 1,205
13 14	Other private receipts				2,303 314	2,357 316	2,598 321	1,743 146	1,659 142	1,743 134
15 16	Imports of goods, services, and income  Goods, adjusted, excluding military <sup>2</sup>	- <b>2,092</b> -1,168	- <b>2,074</b> -1,159	- <b>2,004</b> -1,183	- <b>74,610</b> -61,410	- <b>70,072</b> -56,021	- <b>75,394</b> -61,180	-991	-1,019	-993
17	Services <sup>3</sup>	-715	-743	-580	-6,964	-7,146	-7,242	-598	-697	-648
18 19	Direct defense expenditures  Travel	-17 -283	-21 -325	-20 -177	-470 -1,998	-513 -2,219	-505 -2,268			
20 21	Passenger fares Other transportation	-132 -89	-157 -61	-118 -61	-900 -1,849	-972 -1,741	-1,005 -1,758	-196	-357	-297
	Royalties and license fees 5	-12	-8	-8	-49	-22	-22	-119	-115	-121
22 23 24	Other private services <sup>5</sup>	–171 –11	–155 –17	–181 –16	-1,508 -190	-1,483 -196	-1,492 -193	-282 -1	-225	-230
25 26	Income payments on foreign assets in the United States  Direct investment payments	-209 -92	-172 -65	-241 -123	-6,236 125	-6,905 -176	-6,971 222	-392 373	-322 432	-345 426
25 26 27 28	Other private payments	-92 -82 -35	-88 -19	-98 -20	-2,347 -4,014	-2,423 -4,306	-2,548 -4,645	-697 -68	-726 -28	-744 -27
29	Unilateral transfers, net	-21	-25	-21	-5,872	-3,061	-2,829	-2,855	-2,115	-2,454
30 31	U.S. Government grants <sup>4</sup>	-9	-9	8	-4,279 -109	-1,213 -121	-1,216 -122	-213 -647	-226 -112	–271 –297
32 33	Private remittances and other transfers <sup>6</sup> U.S. assets abroad, net (increase/capital outflow (–))	-12 - <b>4,887</b>	-16 - <b>595</b>	-13 - <b>1,378</b>	-1,484 - <b>20,514</b>	-1,727 - <b>16,737</b>	–1,491 – <b>11,022</b>	-1,995 - <b>1,345</b>	-1,777 <b>2,636</b>	-1,886 - <b>1,498</b>
34	U.S. official reserve assets, net 7						-11,022	-174	1,127	-79
35 36 37	GoldSpecial drawing rights							-146	72	-133
37 38	Reserve position in the International Monetary Fund Foreign currencies							-28	1,055	54
39 40	U.S. Government assets, other than official reserve assets, net	12	-1		102 -403	32 -390	-105 -615	-413 -413	-333 -333	-314 -314
41 42	U.S. credits and other long-term assets Repayments on U.S. credits and other long-term assets <sup>8</sup> U.S. foreign currency holdings and U.S. short-term assets, net	12	-1		464 41	443 –21	498 12			
43	U.S. private assets, net	-4,899 -628	-594 -797	-1,378 -524	-20,616 -2,910	-16,769 -5,445	-10,917 -3,260	-758 -699	1,842 -927	-1,105 -841
44 45 46	Foreign securities U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-2,786 -48	-1,092 142	-47	-9,015 -1,297	-3,665 24	-2,285	836 -54	1,648	153
47	U.S. claims reported by U.S. banks, not included elsewhere	-1,437	1,153	-807	-7,394	-7,683	-5,372	-841	1,065	-417
48 49	Foreign assets in the United States, net (increase/capital inflow (+))  Foreign official assets in the United States, net	1,592	-921 (18)	1,991	14,309	31,640	-17,306	6,482 -1	1,012	7,299
50 51	U.S. Government securities U.S. Treasury securities	(18)	(18) (18) (18)	(18)	(18)	(18)	(18)			
52	Other <sup>10</sup> Other U.S. Government liabilities <sup>11</sup>	(18)	(18)	(18)	(18)	(18) 472	(18) 152			
53 54 55	U.S. liabilities reported by U.S. banks, not included elsewhere  Other foreign official assets 12	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)	(18) (18)			
56	Other foreign assets in the United States, net	(18)	(18)	(18)	(18)	(18) E14	(18) 507	6.483	1,012 -471	7,299
57 58 59 60	Direct investment U.S. Treasury securities and U.S. currency flows	777 (18) –206	469 (18) 272	217 (18) 325	-1,071 ( <sup>18</sup> ) 1,494	514 ( <sup>18</sup> ) 3,509	507 ( <sup>18</sup> ) 1,680	-469 (18) -25	(18)	-473 (18) -25
60 61	U.S. securities other than U.S. Treasury securities U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns U.S. liabilities reported by U.S. banks, not included elsewhere	245 18 785	128 18 –1,813	<sup>18</sup> 1,447	491 18 13,407	880 18 26,265	1,000 18–19,645	56 18 6,921	24 18 1,450	-25 <sup>18</sup> 7,797
62	Allocations of special drawing rights						-19,045			
63	Statistical discrepancy, and transfers of funds between foreign areas, net (sum of above items with sign reversed)	-160	-1,703	-4,585	27,443	2,102	47,000	-5,903	-4,938	-6,855
64	Memoranda:	1,747	1,664	1,897	-22.046	-19,275	-21,647			,
65 66	Balance on goods (lines 2 and 16) Balance on services (lines 3 and 17) Balance on goods and services (lines 64 and 65)	511 2,258	378 2,042	687 2,584	6,084 -15,962	5,477 -13,798	5,832 -15,815	828 828	761 761	771 771
67 68	Balance on goods, services, and income (lines 11 and 25)  Balance on goods, services, and income (lines 1 and 15 or lines 66 and 67) 13	1,219 3,477	1,202 3,244	1,409 3,993	-15,962 596 -15,367	-13,796 -145 -13,944	-15,815 -29 -15,844	2,792 3,621	2,644 3,406	2,738 3,509
69 70	Balance on current account (lines 1, 15, and 29 or lines 68 and 69) 13	-21 3,456	-25 3,219	-21 3,972	-5,872 -21,239	-3,061 -17,005	-2,829 -18,673	-2,855 766	-2,115 1,291	-2,454 1,055
		0,100	0,210	0,072	_1,200	.,,000	.0,010	700	1,201	1,000

<sup>14.</sup> 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.

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.

Sweden.

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

<sup>17.</sup> Details not shown separately; see totals in lines 49 and 56.18. Details not shown separately are included in line 61.

NOTE.—The data in tables F.2 and F.3 are from tables 1 and 10 in "U.S. International Transactions, Second Quarter 1997" in the October 1997 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the balance of payments accounts.

Table F.4.—Private Service Transactions

[Millions of dollars]

						Seasonally	adjusted		
Line		1995	1996		19	96		199	97
				I	II	III	IV	r	P
1	Exports of private services	204,165	221,224	53,676	54,588	55,540	57,427	58,332	58,865
2 3 4 5 6 7	Travel (table F.2, line 5) Passenger fares (table F.2, line 6) Other transportation (table F.2, line 7) Freight Port services Other	63,395 19,125 27,412 11,420 14,810 1,184	69,908 20,557 27,216 11,161 14,691 1,364	16,712 5,087 6,555 2,649 3,565 340	17,356 4,952 6,805 2,823 3,639 342	17,659 5,237 6,716 2,747 3,625 343	18,183 5,282 7,142 2,941 3,861 339	18,556 5,319 6,999 2,909 3,720 370	18,091 5,308 7,139 2,953 3,817 369
8 9 10 11 12 13 14	Royalties and license fees (table F.2, line 8)  Affiliated,  U.S. parents' receipts  U.S. affiliates' receipts  Unaffiliated  Industrial processes <sup>1</sup> Other <sup>2</sup>	27,383 21,670 20,210 1,460 5,713 3,583 2,131	29,974 23,760 21,916 1,844 6,214 3,979 2,235	7,432 5,927 5,531 396 1,505 956 549	7,345 5,814 5,436 378 1,531 978 554	7,495 5,929 5,505 424 1,566 1,006 560	7,703 6,091 5,445 646 1,612 1,040 573	7,699 6,033 5,761 272 1,666 1,080 587	7,935 6,228 5,779 449 1,707 1,109 598
15 16 17 18 19 20 21 22 23 24 25 26 27	Other private services (table F.2, line 9) Affiliated services, U.S. parents' receipts U.S. affiliates' receipts Unaffiliated services Education Financial services Insurance, net Premiums received Losses paid Telecommunications Business, professional, and technical services Other unaffiliated services 3	66,850 20,272 12,795 7,477 46,578 7,512 7,029 1,390 5,524 4,133 3,183 17,765 9,699	73,569 22,810 13,763 9,047 50,759 7,807 8,034 2,121 6,179 4,058 3,405 19,247 10,145	17,890 5,623 3,494 2,129 12,267 1,916 1,847 450 1,480 1,030 863 4,681 2,510	18,130 5,571 3,429 2,142 12,559 1,938 513 1,524 1,011 854 4,734 2,583	18,433 5,777 3,410 2,367 12,656 1,998 1,925 561 1,006 838 4,847 2,486	19,117 5,840 3,431 2,409 13,277 1,955 2,325 597 1,609 1,012 850 4,985 2,565	19,759 6,103 3,622 2,481 13,656 1,992 2,259 620 1,650 1,030 845 5,287 2,654	20,392 6,403 3,719 2,684 13,989 2,009 2,329 637 1,681 1,044 849 5,547 2,618
28	Imports of private services	134,523	143,086	35,406	35,549	35,873	36,257	37,800	38,673
29 30 31 32 33 34	Travel (table F.2, line 19) Passenger fares (table F.2, line 20) Other transportation (table F.2, line 21) Freight Port services Other	46,053 14,433 28,249 16,759 10,579 911	48,739 15,776 28,453 16,879 10,792 783	12,484 3,860 6,816 4,025 2,598 193	12,099 3,943 7,253 4,414 2,647 193	11,915 3,920 7,218 4,312 2,709 198	12,241 4,053 7,166 4,130 2,838 199	13,018 4,283 7,378 4,318 2,845 214	13,093 4,314 7,562 4,650 2,706 206
35 36 37 38 39 40 41	Royalties and license fees (table F.2, line 22)  Affiliated, U.S. parents' payments U.S. affiliates' payments  Unaffiliated Industrial processes <sup>1</sup> Other <sup>2</sup>	6,503 5,128 448 4,680 1,373 962 411	7,322 5,301 554 4,748 2,021 1,126 895	1,724 1,358 117 1,241 366 267 99	1,684 1,304 137 1,167 380 279 101	2,144 1,264 136 1,128 880 288 592	1,770 1,376 164 1,212 394 292 103	1,799 1,403 155 1,248 396 291 106	1,992 1,597 164 1,433 395 290 105
42 43 44 45 46 47 48 49 50 51 52 53 54	Other private services (table F.2, line 23)  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 <sup>3</sup>	39,285 13,597 6,820 6,777 25,689 949 2,472 5,383 15,187 9,804 7,773 4,691 4,420	42,796 16,026 7,505 8,521 26,770 1,041 3,184 4,387 15,473 11,086 8,385 5,253 4,520	10,522 3,877 1,914 1,963 6,645 253 774 1,188 3,816 2,629 2,127 1,234 1,070	10,570 3,945 1,788 2,157 6,625 256 781 1,089 3,833 2,745 2,103 1,278 1,119	10,676 4,073 1,935 2,138 6,603 262 769 1,047 2,830 2,066 1,335 1,122	11,027 4,130 1,867 2,263 6,897 269 859 1,064 3,947 2,884 2,089 1,406 1,210	11,321 4,222 1,973 2,249 7,099 275 888 1,139 4,046 2,907 2,076 1,540 1,180	11,712 4,284 2,034 2,250 7,428 278 1,069 1,195 4,119 2,924 2,089 1,612 1,186
55 56 57	Memoranda: Balance on goods (table F.2, line 64)	-173,560 69,642 -103,918	-191,170 78,138 -113,032	-42,925 18,270 -24,655	-47,562 19,039 -28,523	-52,493 19,667 -32,826	-48,190 21,170 -27,020	-49,787 20,532 -29,255	-46,903 20,192 -26,711

<sup>&</sup>lt;sup>p</sup> Preliminary.

ments and international organizations in the United States. Payments (imports) include mainly wages of foreign residents temporarily employed in the United States and Canadian and Mexican commuters in U.S. border areas.

NOTE.—The data in this table are from table 3 in "U.S. International Transactions, Second Quarter 1997" in the October 1997 issue of the SURVEY OF CURRENT BUSINESS, which presents the most recent estimates from the balance of payments accounts.

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 govern-

# G. Investment Tables

Table G.1.—International Investment Position of the United States at Yearend, 1995 and 1996 [Millions of dollars]

	[INIIIIOIIS OF C	Ullaisj						
			Cha	anges in po	(-))			
Line	Type of investment	Position 1995 <sup>r</sup>		Attribut		Position 1996 P		
				Valua	Valuation adjustments			
			Capital flows	Price changes	Exchange rate changes <sup>1</sup>	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)	-687,702 -637,480	-195,111 -195,111	32,038 39,063	-22,195 -46,339	2,446 8,564	-182,822 -193,823	-870,524 -831,303
3 4	U.S. assets abroad: With direct investment positions at current cost (lines 5+10+15) With direct investment positions at market value (lines 5+10+16)	3,272,731 3,700,432	352,444 352,444	121,367 267,858	-21,849 -45,567	-3,964 9,373	447,998 584,108	3,720,729 4,284,540
5	U.S. official reserve assets	176,061 101,279	-6,668	-4,581 3 -4.581	-4,073	_4,581	-15,322 96,698	160,739
6 7 8 9	Special drawing rights Reserve position in the International Monetary Fund Foreign currencies	11,037 14,649 49.096	-370 1,280 -7,578	-4,301	-355 -494 -3,224	-4,301	-725 786 -10,802	10,312 15,435 38,294
10	U.S. Government assets, other than official reserve assets	81,897	690		-34	1	657	82,554
11 12	U.S. credits and other long-term assets <sup>4</sup> Repayable in dollars	79,958 79,178	796 846		-1	1 -12	796 834	80,754 80,012
13 14	Other <sup>5</sup> U.S. foreign currency holdings and U.S. short-term assets	780 1,939	–50 –106		-1 -33	13	–38 –139	742 1,800
15 16	U.S. private assets: With direct investment at current cost (lines 17+19+22+23) With direct investment at market value (lines 18+19+22+23)	3,014,773 3,442,474	358,422 358,422	125,948 272,439	-17,742 -41,460	-3,965 9,372	462,663 598,773	3,477,436 4,041,247
17 18 19 20 21 22	Direct investment abroad: At current cost At market value Foreign securities Bonds Corporate stocks U.S. claims on unaffiliated foreigners reported by U.S. nonbanking	884,290 1,311,991 1,054,352 355,284 699,068 307,982	87,813 87,813 108,189 49,403 58,786 64,234	7,375 153,866 118,573 806 117,767	-4,726 -28,444 -7,675 -7,521 -154 -3,161	-3,954 9,383	86,508 222,618 219,087 42,688 176,399 61,073	970,798 1,534,609 1,273,439 397,972 875,467 369,055
23	concerns. U.S. claims reported by U.S. banks, not included elsewhere	768,149	98,186		-2,180	-11	95,995	864,144
24 25	Foreign assets in the United States: With direct investment at current cost (lines 26+33) With direct investment at market value (lines 26+34)	3,960,433 4,337,912	547,555 547,555	89,329 228,795	346 772	-6,410 809	630,820 777,931	4,591,253 5,115,843
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 <sup>7</sup> U.S. liabilities reported by U.S. banks, not included elsewhere  Other foreign official assets	678,451 498,906 471,508 27,398 25,225 107,394 46,926	122,354 115,634 111,253 4,381 720 4,722 1,278	4,345 -4,333 -3,802 -531 8,678			126,698 111,301 107,451 3,850 719 4,722 9,956	805,149 610,207 578,959 31,248 25,944 112,116 56,882
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)	3,281,982 3,659,461	425,201 425,201	84,984 224,450	346 772	-6,409 810	504,122 651,233	3,786,104 4,310,694
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	654,502 1,031,981 389,383 192,300 999,537 534,116 465,421 232,891	76,955 76,955 155,578 17,300 133,798 121,194 12,604 31,786	5,356 144,822 -14,411 	-426 	-7,335 -116 	74,550 221,661 141,167 17,300 225,950 120,028 105,922 38,644	729,052 1,253,642 530,550 209,600 1,225,487 654,144 571,343 271,535
43	concerns. U.S. liabilities reported by U.S. banks, not included elsewhere	813,369	9,784		-3,273		6,511	819,880

P Preliminary.
r Revised.

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

Represents gains or losses on foreign-currency-denominated assets due to their revaluation at current exchange rates.

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.

<sup>4.</sup> Also includes paid-in capital subscriptions to international financial institutions and outstanding

payable to the U.S. Government over periods in excess or 1 year. Excess that are not being services.

5. 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.

6. 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 in 1996" in the July 1997 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, 1994–96 [Millions of dollars]

	Direct investment position on a historical-cost basis			Capital outflows (inflows (-))			Income		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
All countries, all industries	640,320	717,554	796,494	68,272	85,115	85,560	68,597	87,448	95,067
By country									
Canada	78,018	85,441	91,587	6,760	8,435	6,875	5,873	8,812	8,642
Europe	320,135	360,994	399,632	28,785	45,292	45,274	30,468	41,320	46,183
France	28,204 38,467 29,558	32,950 44,226 39,344	34,000 44,259 44,667	2,586 2,217 6,331	5,726 4,373 8,420	5,221 955 7,140	1,296 3,107 5,081	2,728 4,783 6,890	3,322 4,286 7,991
United Kingdom	121,321	122,767	142,560	7,177	4,515	18,310	8,082	11,384	13,862
Latin America and Other Western Hemisphere	115,093	128,252	144,209	19,010	14,753	14,299	16,299	15,221	17,404
Brazil Mexico	18,400 16,169	23,706 15,980	26,166 18,747	3,517 3,674	4,899 2,955	3,064 2,747	4,756 2,497	3,515 1,369	3,879 2,931
Africa	5,606	6,383	7,568	332	873	1,221	1,395	1,861	1,963
Middle East	6,741	7,669	8,743	242	905	1,044	964	1,393	1,458
Asia and Pacific	111,373	125,834	140,402	13,121	15,241	14,752	13,474	18,542	18,937
Australia Japan	20,217 36,524	25,003 38,406	28,769 39,593	32 2,384	6,450 1,079	3,789 1,817	2,392 2,379	3,402 4,117	2,979 3,950
International	3,355	2,981	4,352	22	-384	2,096	124	300	480
By industry									
Petroleum	67,104	70,229	75,749	1,690	2,437	6,144	7,177	9,730	11,960
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	211,431 29,588 49,128 10,017 26,781 19,925 29,420 46,572	250,253 32,439 62,151 12,032 33,716 25,242 33,972 50,701	272,564 36,179 69,430 13,603 35,020 29,519 33,543 55,270	23,953 3,764 4,992 819 2,010 2,867 5,993 3,508	42,531 2,871 18,477 1,935 5,286 4,995 4,636 4,330	28,530 3,280 7,835 5,009 2,016 4,513 714 5,163	26,699 4,690 6,839 896 2,177 3,234 3,539 5,324	35,065 4,728 8,877 1,365 4,373 4,494 3,952 7,277	34,975 4,684 10,001 1,004 4,579 4,374 3,429 6,903
Wholesale trade	62,608	67,222	72,462	6,325	8,511	7,048	7,753	9,191	9,272
Banking	26,693	28,123	32,504	1,786	714	1,329	3,785	2,889	3,767
Finance (except banking), insurance, and real estate	213,175	228,744	257,213	22,982	12,109	28,985	18,302	23,757	27,797
Services	26,734	32,769	36,673	5,613	7,702	3,644	2,796	3,815	3,997
Other industries	32,575	40,213	49,600	5,924	11,113	9,880	2,085	3,002	3,299

NOTE.—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 17 and 18 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 1996" in the September 1997 SURVEY OF CURRENT BUSINESS.

Table G.3.—Selected Financial and Operating Data for Nonbank Foreign Affiliates of U.S. Companies, by Country and by Industry of Affiliate, 1995

	Number of		Number of			
	affiliates	Total assets Sales		Net income	employees (thousands)	
All countries, all industries	21,318	2,815,141	2,140,438	124,675	7,377.0	
By country						
Canada	2,023	246,242	231,081	8,313	918.1	
Europe Of which:	10,435	1,567,904	1,176,126	63,083	3,014.5	
France Germany Italy Netherlands Switzerland United Kingdom	1,226 1,358 757 999 505 2,393	135,906 219,538 59,468 139,078 132,464 641,348	124,457 234,169 68,550 112,182 60,128 363,372	4,303 6,467 2,315 11,492 7,203 14,338	413.9 596.3 198.7 138.8 50.6 928.8	
Latin America and Other Western Hemisphere	3,256	316,495	191,340	23,419	1,485.2	
Wilcri. Brazil Mexico	400 823	48,477 59,115	44,536 61,122	5,073 4,732	299.9 743.6	
Africa	502	22,604	20,587	1,845	126.5	
Middle East	338	30,231	21,703	2,899	73.4	
Asia and Pacific Of which:	4,665	614,555	492,181	24,464	1,747.6	
Australia Japan	855 1,006	81,055 280,164	63,056 211,821	2,944 4,979	258.7 414.9	
International	99	17,110	7,421	653	11.8	
By industry						
Petroleum	1,520	272,087	428,030	13,981	230.9	
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	8,023 764 1,942 722 1,033 855 469 2,238	779,339 99,571 180,964 35,266 112,921 71,483 124,721 154,413	984,868 113,166 189,096 36,862 159,205 95,395 218,333 172,811	53,795 7,064 15,695 1,227 7,611 6,443 4,406 11,348	4,376.6 554.4 591.9 195.7 529.4 846.0 697.6 961.5	
Wholesale trade	4,878	206,015	367,515	15,124	538.3	
Finance (except banking), insurance, and real estate	2,742	1,229,643	108,441	30,507	191.0	
Services	2,671	114,995	100,035	4,050	779.8	
Other industries	1,484	213,062	151,548	7,219	1,260.4	

NOTE.—The data in this table are from "U.S. Multinational Companies: Operations in 1995" in the October 1997 SURVEY OF CURRENT BUSINESS.

Table G.4.—Foreign Direct Investment in the United States: Selected Items, by Country of Foreign Parent and by Industry of Affiliate, 1994–96

[Millions of dollars]

		estment pos orical-cost ba		Capital i	inflows (outfl	ows (-))		Income	
	1994	1995	1996	1994	1995	1996	1994	1995	1996
All countries, all industries	496,539	560,850	630,045	46,995	69,414	78,828	21,286	32,029	33,759
By country									
Canada	41,959	48,258	53,845	4,960	7,080	5,670	2,996	3,911	3,285
Europe	303,649	357,193	410,425	28,002	55,300	59,809	16,059	22,975	25,806
France Germany Netherlands United Kingdom	33,603 40,345 67,210 104,867	38,480 49,269 65,806 126,177	49,307 62,242 73,803 142,607	3,881 7,144 -3,174 8,076	4,500 10,229 -1,789 20,446	10,928 16,283 8,225 18,929	-63 2,256 4,120 7,232	1,722 1,908 5,212 11,006	2,654 2,097 6,294 9,220
Latin America and Other Western Hemisphere	26,070	25,240	24,627	4,767	-1,121	131	1,391	1,349	1,557
Brazil	629 2,412	751 1,980	591 1,078	-8 1,248	97 –470	-99 -447	88 2	91 81	34 -8
Africa	1,230	1,164	717	44	-66	-440	-19	54	-113
Middle East	6,674	6,008	6,177	161	-298	555	54	209	141
Asia and Pacific	116,956 8,080 102,999	7,833 107,933	134,255 9,747 118,116	9,061 1,101 6,238	8,519 504 6,591	13,104 2,129 11,930	805 -268 985	3,531 112 3,405	3,084 -31 3,106
By industry									
Petroleum	32,290	33,888	42,343	1,665	3,152	8,113	1,902	2,970	4,190
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery Other manufacturing	189,459 21,411 66,028 14,320 35,196 52,504	213,026 26,898 71,367 14,085 37,638 63,037	234,323 28,089 74,810 18,727 37,093 75,604	19,673 -1,375 10,820 1,982 3,826 4,419	27,849 5,596 11,306 312 3,986 6,648	29,112 2,439 6,880 5,280 -35 14,548	10,788 2,134 4,643 -216 1,165 3,063	15,886 1,709 6,202 1,273 2,316 4,386	17,262 1,780 6,247 1,060 1,739 6,436
Wholesale trade	63,792	66,393	77,937	5,785	6,453	9,799	2,611	3,863	3,548
Retail trade	11,857	12,743	15,008	1,532	1,207	2,140	399	544	496
Depository institutions	27,139	34,076	31,903	3,800	6,566	562	2,837	4,725	2,626
Finance, except depository institutions	41,000	62,369	70,185	3,652	16,681	7,775	831	697	714
Insurance	38,833	50,975	59,566	2,759	4,114	7,739	2,237	1,913	3,048
Real estate	31,613	29,704	30,118	259	-880	388	-680	-623	62
Services	37,045	32,887	38,945	2,303	1,946	8,618	-345	212	396
Other industries	23,511	24,788	29,716	5,570	2,326	4,583	705	1,841	1,418

NOTE.—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, 1996" in the September 1997 SURVEY OF CURRENT BUSINESS.

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, 1995

			Millions	of dollars			Millions o	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	12,497	2,383,612	1,561,879	15,608	326,955	4,928.3	136,702	254,895
By country								
Canada	1,285	267,378	141,292	2,446	36,532	703.7	5,402	13,565
Europe Of which: France Germany Netherlands Switzerland United Kingdom	5,363 668 1,291 394 603 1,205	1,327,437 232,662 210,408 154,877 229,335 381,241	832,286 111,966 161,099 98,084 92,343 264,355	14,273 1,053 1,331 2,790 –137 8,101	202,361 24,178 37,182 28,013 18,624 71,049	2,991.0 348.2 580.6 334.2 308.3 986.5	59,344 14,882 12,308 5,357 6,398 11,728	86,349 11,255 27,753 8,730 7,847 14,367
Latin America and Other Western Hemisphere	1,078	53,830	52,067	917	13,345	166.6	6,193	10,126
Of which: Brazil Mexico	75 265	8,661 9,593	3,903 8,540	89 -20	213 1,798	4.3 35.6	866 661	1,310 2,182
Africa	68	(D)	10,495	345	2,393	20.8	551	723
Middle East	414	25,516	18,121	-198	4,861	46.6	641	4,628
Asia and Pacific	4,212 172 3,241	598,404 37,003 519,577	489,928 22,209 418,656	-5,027 -577 -3,621	62,558 4,211 52,000	954.6 73.6 758.2	63,933 877 55,519	138,425 1,110 119,942
United States	77	(D)	17,690	2,851	4,904	44.9	638	1,079
By industry Petroleum	240	104,358	131,889	2,419	30,525	105.7	9,956	19,522
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery Other manufacturing	2,896 252 331 396 739 1,178	587,049 57,195 191,614 55,979 96,130 186,132	562,151 50,879 131,892 70,086 123,167 186,128	9,824 632 3,903 1,547 176 3,566	156,991 12,229 39,768 17,804 32,163 55,028	2,276.8 228.6 407.1 246.9 541.6 852.6	55,561 2,790 13,778 3,988 18,861 16,144	81,790 3,238 13,582 8,018 29,219 27,734
Wholesale trade	2,228	222,616	466,192	174	39,135	455.5	65,500	148,735
Retail trade	353	47,982	93,624	759	23,951	759.1	1,793	3,742
Finance, except depository institutions	874	568,216	45,074	1,392	2,910	45.3	18	25
Insurance	167	514,601	88,149	3,570	8,557	148.2	0	0
Real estate	3,494	96,852	14,184	-2,283	5,574	24.9	9	1
Services	1,250	110,674	59,264	-1,975	23,753	633.0	492	690
Other industries	995	131,264	101,352	1,729	35,561	479.9	3,372	389

<sup>&</sup>lt;sup>D</sup> Suppressed to avoid disclosure of data of individual companies.

NOTE.—The data in this table are from tables A1 and A2 in Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies, Preliminary 1995 Estimates.

# H. International Perspectives\_\_\_\_\_

Table H.1.—International Perspectives

	1995	1996			1996							1997				
	1990	1990	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
						Exchang	e rates pe	er U.S. dol	lar (not se	asonally a	djusted)					
Canada (Can.\$/US\$) France (FFr/US\$) Germany (DM/US\$) Italy (L/US¢) Mexico (Peso/US\$) United Kingdom (US\$/£)	1.3725 4.9864 1.4321 16.2945 .9396 6.4467 1.5785	1.3638 5.1158 1.5049 15.4276 1.0878 7.6004 1.5607	1.3722 5.0636 1.4826 15.1662 1.0787 7.5143 1.5499	1.3694 5.1307 1.5080 15.2048 1.0993 7.5441 1.5593	1.3508 5.1652 1.5277 15.2382 1.1241 7.7345 1.5863	1.3381 5.1156 1.5118 15.1366 1.1230 7.9119 1.6623	1.3622 5.2427 1.5525 15.2844 1.1398 7.8769 1.6639	1.3494 5.4145 1.6047 15.6791 1.1791 7.8289 1.6585	1.3556 5.6536 1.6747 16.5500 1.2296 7.8023 1.6285	1.3725 5.7154 1.6946 16.9121 1.2277 7.9562 1.6096	1.3942 5.7672 1.7119 16.9452 1.2564 7.9059 1.6293	1.3804 5.7482 1.7048 16.8433 1.1919 7.9037 1.6322	1.3843 5.8293 1.7277 16.9454 1.1429 7.9498 1.6449	1.3775 6.0511 1.7939 17.4591 1.1538 7.8679 1.6694	1.3872 6.2010 1.8400 17.9712 1.1793 7.7818 1.6035	1.3872 6.0031 1.7862 17.4322 1.2089 7.7809 1.6013
Addendum: Exchange value of the U.S. dollar $^{\rm 1}$	84.25	87.34	86.54	87.46	87.99	86.98	88.71	91.01	94.52	95.60	96.39	95.29	95.42	97.48	99.96	98.29
						Unem	ployment	rates (per	cent, seaso	onally adju	sted)					
Canada France Germany Italy Japan Mexico United Kingdom	9.6 11.6 9.4 12.0 3.1 6.3 8.2	9.7 12.3 10.4 12.1 3.4 5.5 7.5	9.5 12.4 10.4 12.1 3.3 5.1 7.5	10.0 12.5 10.5 	10.0 12.5 10.6 	10.0 12.5 10.8 12.0 3.3 5.0 6.9	9.7 12.5 10.9  3.3 5.0 6.7	9.7 12.5 11.2 3.3 4.5 6.5	9.7 12.5 11.2 12.2 3.3 4.2 6.2	9.3 12.5 11.2  3.2 4.2 6.1	9.6 12.5 11.2 3.3 4.2 5.9	9.5 12.5 11.4 12.4 3.6 4.0 5.8	9.1 12.6 11.4 3.5 3.9 5.7	9.0 12.5 11.5 3.4 3.8 5.5	9.0 12.5 11.6 12.1 3.4 3.4 5.3	9.0 12.5 11.7 3.4 3.2 5.2
Addendum: United States	5.6	5.4	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.2	4.9	4.8	5.0	4.8	4.9	4.9
					·	Cons	umer price	es (seasor	ally adjust	ed, 1990=	100)	·				
Canada France Germany (1991=100) Italy Japan Mexico United Kingdom	111.8 111.6 114.8 128.1 107.0 224.5 118.2	113.5 113.8 116.5 133.2 107.1 301.7 121.1	113.6 113.6 116.9 133.5 107.1 309.3 121.4	113.8 114.0 116.8 133.7 107.1 314.2 121.9	114.0 114.3 116.8 133.9 107.2 318.2 121.9	114.5 114.2 116.7 134.4 107.3 323.0 122.0	114.5 114.4 117.0 134.4 107.5 333.3 122.4	114.8 114.7 117.6 134.9 107.5 341.9 122.4	114.9 114.9 118.1 135.1 107.5 347.6 122.9	115.2 115.0 117.9 135.4 107.4 352.0 123.2	115.2 115.0 117.9 135.6 109.1 355.8 123.9	115.3 115.2 118.4 136.0 109.2 359.0 124.4	115.5 115.2 118.6 136.0 109.6 362.2 124.9	115.5 115.0 119.2 136.0 109.5 365.3 124.9	115.7 115.3 119.3 136.1 109.3 368.6 125.7	115.6 115.5 119.0  109.7 373.2 126.3
Addendum: United States	116.6	120.0	120.5	120.8	121.2	121.5	121.8	122.0	122.3	122.4	122.5	122.5	122.7	122.9	123.1	123.5
			Re	eal gross d	lomestic p	oduct (per	cent chan	ge from pr	eceding qu	uarter, sea	sonally ad	justed at a	nnual rate	s)		
Canada France Germany Italy Japan Mexico United Kingdom	2.3 2.1 1.9 3.0 1.4 -6.2 2.7	1.5 1.5 1.4 .6 3.5 5.1 2.3	3.3 3.4 2.2 2.9 1.3 7.4 2.2			2.9 1.0 .7 6 3.8 6.0 4.3			3.7 1.3 1.2 -1.1 5.7 3.3 3.7			4.9 4.1 4.1 6.5 –11.2 19.4 4.1				
Addendum: United States	2.0	2.8	1.0			4.3			4.9			3.3			3.3	

See footnotes at the end of the table.

Table H.1.—International Perspectives—Continued

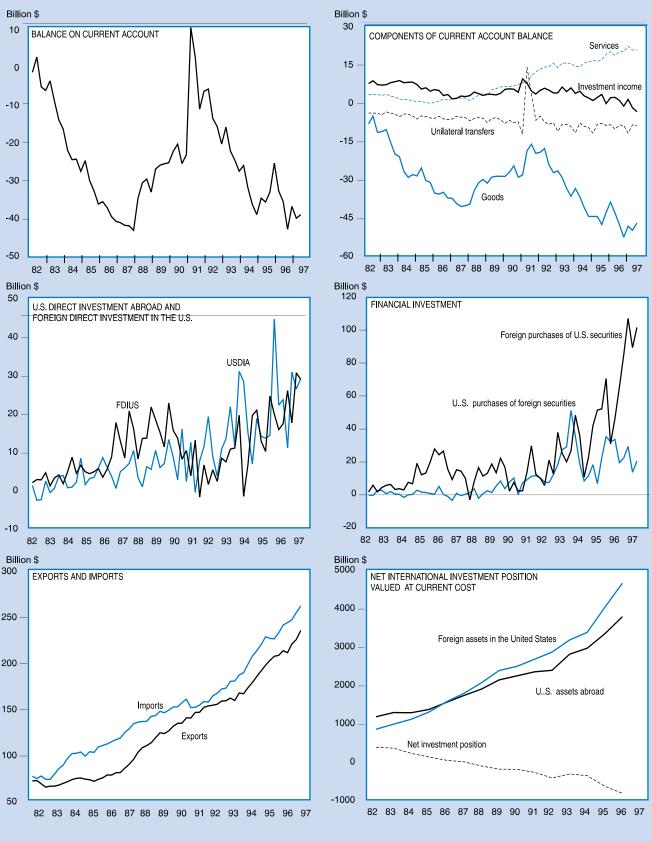
		abic iii		Ciliatio	iidi i C	эрсси	<b>VC3</b>	ontinac	,u							
	1995	1996			1996							1997				
	1995	1990	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
					Short-te	erm, 3-mo	nth, inter	est rates	(percent,	not seas	onally ad	ljusted)				
Canada France Germany Italy Japan Mexico United Kingdom	7.07 6.58 4.53 10.46 1.23 48.24 6.68	4.43 3.94 3.31 8.82 .59 32.91 6.02	4.24 3.96 3.29 8.81 .64 29.16 5.75	4.06 3.75 3.12 8.44 .54 27.79 5.76	3.49 3.51 3.12 8.02 .52 27.68 5.94	3.00 3.47 3.19 7.41 .52 28.94 6.29	3.08 3.44 3.23 7.25 .52 26.51 6.34	3.11 3.35 3.14 7.23 .53 24.60 6.32	3.10 3.33 3.19 7.36 .55 21.96 6.19	3.20 3.36 3.26 7.43 .56 22.32 6.20	3.41 3.40 3.23 7.13 .56 22.37 6.37	3.29 3.48 3.17 6.83 .58 20.59 6.45	3.22 3.43 3.14 6.88 .61 21.40 6.66	3.51 3.39 3.14 6.89 .67 19.40 6.95	3.63 3.43 3.26 6.87 .59 20.15 7.15	3.60 3.41 3.31 6.66 .56 20.51 7.20
Addendum: United States	5.51	5.02	5.09	5.15	5.01	5.03	4.87	5.05	5.00	5.14	5.17	5.13	4.92	5.07	5.13	4.97
				Long-	term inter	rest rates	, governn	nent bond	d yields (p	percent, r	not seaso	nally adju	usted)		•	
Canada France Germany Italy Japan Mexico United Kingdom	8.36 7.66 6.80 11.79 3.21 	7.54 6.51 6.10 8.85 2.98 	7.57 6.62 6.20 8.92 2.96	7.64 6.20 6.10 8.62 2.81 8	7.00 6.11 5.90 7.78 2.51 	6.48 5.79 5.80 7.15 2.44 7.80	6.81 5.82 5.70 6.95 2.57 	6.99 5.69 5.70 6.76 2.38	6.74 5.39 5.40 6.93 2.40 7.38	6.92 5.80 5.60 7.55 2.27 	7.09 5.93 5.70 7.37 2.36 	6.90 5.96 5.60 7.02 2.55 	6.63 5.67 5.60 6.82 2.37 7.17	6.30 5.50 5.40 6.38 2.12 6.96	6.30 5.65 5.50 6.53 2.01	6.19 5.55 5.50 6.10 1.88
Addendum: United States	6.57	6.44	6.64	6.83	6.53	6.20	6.30	6.58	6.42	6.69	6.89	6.71	6.49	6.22	6.30	6.21
					S	Share pric	e indices	(not sea	sonally a	djusted, 1	990=100	)				
Canada France Germany Italy Japan Mexico United Kingdom  Addendum:	130.0 103.0 102.4 95.0 63.0 389.3 147.0	154.0 118.0 115.6 96.0 74.0 554.8 167.0	150.0 114.0 115.0 93.0 73.0 579.8 167.0	155.0 116.0 116.7 92.0 72.0 567.6 170.0	164.0 121.0 120.3 96.0 73.0 563.6 173.0	176.0 125.0 121.9 99.0 72.0 577.3 170.0	173.0 128.0 124.9 100.0 69.0 589.5 171.0	179.0 135.0 130.0 114.0 63.0 639.7 176.0	180.0 145.0 138.9 119.0 64.0 673.7 179.0	171.0 148.0 145.8 114.0 63.0 657.4 182.0	175.0 145.0 145.7 116.0 63.0 658.9 179.0	187.0 149.0 154.4 119.0 68.0 696.1 185.0	188.0 151.0 160.2 123.0 70.0 781.9 186.0	201.0 161.0 174.8 138.0 70.0 888.9 190.0	193.0 161.0 176.4 139.0 68.0 815.3 194.0	206.0 160.0 170.2 145.0 65.0 933.4 198.0
United States	159.0	195.0	193.0	197.0	204.0	212.0	213.0	220.0	228.0	227.0	219.0	236.0	249.0	262.0	262.0	267.0

<sup>1.</sup> Index of weighted average exchange value of U.S. dollar against currencies of other G-10 countries. March 1973–100. Weights are 1972–76 global trade of each of the 10 countries. Series revised as of August 1978. For description and back data, see: "Index of the weighted-average exchange value of the U.S. dollar: Revision" on page 700 of the August 1978 Federal Reserve Bulletin.

NOTE.—All exchange rates are from the Board of Governors of the Federal Reserve System. 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 1990 to facilitate comparison) are © OECD, October 1997, OECD Main Economic Indicators and are reproduced with permission of the OECD.

## I. Charts

# THE U.S. IN THE INTERNATIONAL ECONOMY



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

# **Regional Data**

## J. State and Regional Tables.

The tables in this section include the most recent estimates of State personal income and gross state product. The sources of these estimates are noted.

The quarterly and annual State personal income estimates and the gross state product estimates are available on diskettes or CD-ROM. For information on personal income, e-mail reis.remd@bea.doc.gov; write to the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5360. For information on gross state product, e-mail gspread@bea.doc.gov; write to the Regional Economic Analysis Division, BE-61, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230; or call 202-606-5340.

Table J.1.—Personal Income and Nonfarm Personal Income for States and Regions

				Person	al income						1	Nonfarm per	sonal incom	e <sup>1</sup>		
Area name		r	Millions	of dollars	•		Percent	change 2			Millions	of dollars			Percent	change <sup>2</sup>
	1995	1996			. 19	197	1996:IV-	1997:I-	1995	1996		996	. 19		1996:IV-	1997:I-
United Ctates	6,137,875	6,479,914	6,526,017	6,602,689	6,730,234	6,813,131	1997:I	1997:II	6 402 442	C 422 205	6,476,984	IV C FE2 4F2	C COO COE	6,760,004	1997:I	1997:II
United States  New England	368,398	387,042	388,521	394,993	403,147	408,517	1.9 2.1	1.2 1.3	6,103,443 367,830	6,433,265 386,389	387,823	6,553,152 394,302	6,680,685 402,496	407,790	1.9 2.1	1.2 1.3
Connecticut Maine Massachusetts	105,778 24,966 172,008	110,916 26,124 181,505	111,178 26,251 182,334	112,912 26,669 185,678	116,025 27,066 189,315	117,084 27,373 192,335	2.8 1.5 2.0	.9 1.1 1.6	105,608 24,885 171,864	110,730 26,015 181,352	110,977 26,139 182,171	112,709 26,559 185,515	115,850 26,954 189,162	116,879 27,257 192,162	2.8 1.5 2.0	.9 1.1 1.6
New Hampshire Rhode Island Vermont	29,510 23,541 12,595	30,939 24,331 13,227	31,109 24,341 13,307	31,584 24,743 13,407	31,986 25,111 13,644	32,509 25,371 13,845	1.3 1.5 1.8	1.6 1.0 1.5	29,468 23,506 12,499	30,894 24,302 13,097	31,062 24,310 13,164	31,537 24,712 13,270	31,939 25,079 13,511	32,458 25,335 13,698	1.3 1.5 1.8	1.6 1.0 1.4
Mideast Delaware	<b>1,200,373</b> 18,757	<b>1,258,684</b> 20,095	<b>1,264,426</b> 20,252	<b>1,280,913</b> 20,735	<b>1,304,164</b> 20,809	<b>1,317,041</b> 21,240	1.8 .4	<b>1.0</b> 2.1	<b>1,198,886</b> 18,669	<b>1,256,536</b> 19,976	<b>1,262,188</b> 20,129	<b>1,278,616</b> 20,595	<b>1,301,926</b> 20,670	<b>1,314,692</b> 21,103	<b>1.8</b> .4	<b>1.0</b> 2.1
District of Columbia Maryland	18,021 133,769	18,539 140,068	18,629 140,748	18,787 142,657	19,011 145,502	19,086 147,033	1.2 2.0	.4 1.1	18,021 133,576	18,539 139,750	18,629 140,410	18,787 142,311	19,011 145,157	19,086 146,680	1.2 2.0	.4 1.0
New Jersey New York Pennsylvania	239,052 505,812 284,963	250,295 530,655 299,031	251,460 532,396 300,941	254,430 540,159 304,145	259,310 550,884 308,649	261,436 556,314 311,931	1.9 2.0 1.5	.8 1.0 1.1	238,800 505,424 284,396	250,033 530,113 298,124	251,186 531,843 299,990	254,144 539,608 303,171	259,032 550,329 307,726	261,141 555,744 310,939	1.9 2.0 1.5	.8 1.0 1.0
Great Lakes	<b>1,022,736</b> 301,718	<b>1,071,792</b> 318,061	<b>1,080,212</b> 320,221	1,088,807 323,827	<b>1,107,534</b> 329,850	<b>1,120,394</b> 334,400	<b>1.7</b> 1.9	<b>1.2</b> 1.4	<b>1,020,239</b> 301,300	<b>1,067,296</b> 316,357	<b>1,075,483</b> 318,444	<b>1,084,008</b> 321,971	1,102,662 327,876	1,115,529 332,586	<b>1.7</b> 1.8	<b>1.2</b> 1.4
IndianaMichigan	125,805 229,544	132,001 239,330	133,113 241,129	134,643 242,326	136,275 246,708	137,988 248,911	1.2 1.8	1.3 .9	125,504 228,856	131,105 238,872	132,162 240,650	133,730 241,835	135,346 246,210	137,019 248,389	1.2 1.8	1.2 .9 .9
Ohio	251,041 114,628	262,077 120,325	264,418 121,331	265,610 122,402	270,413 124,288	272,994 126,100	1.8 1.5	1.0 1.5	250,221 114,358	261,128 119,834	263,411 120,816	264,609 121,862	269,479 123,751	272,000 125,535	1.8 1.5	.9 1.4
Plainslowa	<b>404,044</b> 59,143	<b>432,418</b> 63,613	<b>436,027</b> 64,071	<b>440,502</b> 64,608	<b>446,979</b> 65,628	<b>452,802</b> 66,542	<b>1.5</b> 1.6	<b>1.3</b> 1.4	<b>399,233</b> 57,653	<b>421,676</b> 60,568	<b>424,782</b> 60,911	<b>428,965</b> 61,393	<b>435,259</b> 62,213	<b>440,621</b> 63,158	<b>1.5</b> 1.3	<b>1.2</b> 1.5
Kansas Minnesota	56,218 111,031	59,585 119,530	59,992 120,959	60,546 122,079	61,481 122,606	62,199 124,582	1.5	1.2 1.6	55,514 110,347	58,467 117,735	58,829 119,032	59,347 120,228	60,296 120,765	60,966 122,559	1.6 .4	1.1 1.5
Missouri	116,752 35,055 11,865	123,366 37,862 13,159	124,035 38,117	125,633 38,681	128,420 39,561	129,909 39,840 13,695	2.2 2.3 1.2	1.2 .7	116,681 33,763	122,555 35,704 12,395	123,197 35,943 12,512	124,799 36,220 12,550	127,582 37,101 12,700	129,023 37,285	2.2 2.4 1.2	1.1
North Dakota	13,981	15,303	13,347 15,505	13,338 15,617	13,503 15,780	16,035	1.0	1.4 1.6	11,744 13,530	14,252	14,359	14,427	14,601	12,864 14,765	1.2	1.3 1.1
SoutheastAlabama	<b>1,339,811</b> 82,067	<b>1,416,289</b> 86,021	<b>1,427,939</b> 86,740	<b>1,443,187</b> 87,568	<b>1,473,278</b> 89,017	<b>1,492,349</b> 89,877	<b>2.1</b> 1.7	<b>1.3</b> 1.0	<b>1,328,685</b> 81,338	<b>1,403,090</b> 85,135	<b>1,413,833</b> 85,808	<b>1,429,179</b> 86,605	<b>1,459,077</b> 87,963	<b>1,476,567</b> 88,835	<b>2.1</b> 1.6	<b>1.2</b> 1.0
Arkansas	45,039 328,067	47,584 348,849	48,005 351,320	48,436 355,118	49,006 362,659	50,124 368,286	1.2 2.1	2.3 1.6	43,635 326,103	45,737 347,076	46,084 349,488	46,402 353,278	47,076 360,805	47,704 366,165	1.5 2.1	1.3 1.5
Georgia Kentucky	157,875 72,739 82,252	168,959 76,885 85,548	170,891 77,707 86,111	172,857 78,235 86,892	176,972 79,910 88,472	179,521 80,940 89,159	2.4 2.1 1.8	1.4 1.3 .8	156,100 72,071 81,763	167,007 75,800 84,907	168,819 76,350 85,377	170,657 77,212 86,257	174,833 78,816 87,836	177,269 79,675 88,471	2.4 2.1 1.8	1.4 1.1 .7
Louisiana Mississippi North Carolina	45,147 152,601	47,735 162,602	48,188 163,920	48,402 166,616	49,258 170,636	49,795 172,915	1.8 2.4	1.1 1.3	44,651 150,054	46,892 159,632	47,274 160,815	47,516 163,449	48,353 167,322	48,811 169,267	1.8 2.4	.7 .9 1.2
South Carolina	70,208 111,674	73,890 116,760	74,607 117,626	75,377 118,806	76,822 121,399	77,859 122,963	1.9	1.3	69,878	73,465 116,449	74,165 117,311	74,929 118,492	76,358 121,088	77,390 122,617	1.9	1.4 1.3
Virginia West Virginia	160,141 32,001	168,300 33,155	169,444 33,381	171,277 33,603	175,261 33,867	176,702 34,209	2.3	.8 1.0	159,680 31,988	167,821 33,169	168,949 33,391	170,768 33,612	174,751 33,874	176,151 34,211	2.3	.8 1.0
Southwest	<b>580,326</b> 87,518	<b>617,538</b> 94,596	<b>623,327</b> 95,623	<b>630,151</b> 96,709	<b>645,319</b> 99,120	<b>653,841</b> 101,217	<b>2.4</b> 2.5	<b>1.3</b> 2.1	<b>576,749</b> 86,831	<b>614,166</b> 93,908	<b>619,858</b> 94,873	<b>626,743</b> 96,005	<b>641,886</b> 98,393	<b>650,142</b> 100,384	<b>2.4</b> 2.5	<b>1.3</b> 2.0
New Mexico Oklahoma	30,781 61,343	32,217 64,514	32,367 65,003	32,526 65,541	33,300 66,982	33,596 67,304	2.4 2.2	.9 .5	30,445 60,992	31,865 64,154	31,992 64,644	32,156 65,184	32,911 66,620	33,155 66,921	2.3	.7 .5
Texas	400,683	426,212	430,334	435,376	445,917	451,724	2.4	1.3	398,481	424,239	428,349	433,397	443,963	449,682	2.4	1.3
Rocky Mountain Colorado Idaho	91,766 22,368	188,316 98,258 23,591	<b>190,154</b> 99,191 23,795	192,566 100,578 23,877	196,424 102,492 24,354	198,677 103,657 24,732	2.0 1.9 2.0	1.1 1.1 1.6	174,679 91,203 21,695	186,417 97,614 22,824	188,195 98,520 22,999	190,582 99,909 23,084	<b>194,514</b> 101,839 23,620	196,609 102,938 23,944	<b>2.1</b> 1.9 2.3	1.1 1.1 1.4
Montana Utah	16,157 36,166	16,896 39,199	17,017 39,697	17,213 40,397	17,292 41,505	17,533 41,915	.5 2.7	1.4 1.0	15,831 35,998	16,650 39,018	16,773 39,508	16,947 40,210	17,023 41,321	17,241 41,718	.5 2.8	1.3 1.0
Wyoming	10,035	10,371	10,453	10,501	10,781	10,841	2.7	.6	9,951	10,310	10,394	10,433	10,711	10,768	2.7	.5
Far West	1,045,697 14,563	1,107,835 14,810	1,115,412 14,826	1,131,570 14,894	1,153,389 15,047	1,169,511 15,257	1.9 1.0	<b>1.4</b> 1.4	1,037,142 14,553	1,097,695 14,801	1,104,822 14,817	1,120,756 14,885	1,142,865 15,038	1,158,054 15,248	<b>2.0</b> 1.0	1.3 1.4
California Hawaii	764,435 29,593 37,951	807,975 30,072 41,699	812,716 30,150 42,207	825,321 30,169 43,050	839,867 30,549 44,029	851,850 30,694 44,950	1.8 1.3 2.3	1.4 .5 2.1	757,869 29,405 37,900	800,556 29,888 41,647	804,963 29,966	817,380 29,984 42,996	832,138 30,362 43,976	843,382 30,505 44,895	1.8 1.3 2.3	1.4
Nevada Oregon Washington	68,806 130,350	73,922 139,356	74,683 140.830	75,735 142,401	77,511 146,386	78,279 148,481	2.3 2.3 2.8	1.0 1.4	68,282 129,132	73,180 137,623	42,151 73,920 139,004	74,951 140,560	76,732 144,619	77,461 146.565	2.3 2.4 2.9	2.1 .9 1.3
	1.00,000	1 .00,000	1,550	1,	0,000	1,	0		.20,.02	1,520	.00,004	1,	1,510	0,000	0	

Nonfarm personal income is personal income less farm earnings. Farm earnings consists of proprietors' net income; the cash wages, pay-in-kind, and other labor income of farm employees; and the salaries of officers of corporate farms.

corporate farms.

2. Percent changes are expressed at quarterly rates and are calculated from seasonally-adjusted unrounded data.

NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.

Source: Tables 1 and 5 in "State Personal Income, Revised Estimates for 1958-96" in the October 1997 SURVEY OF CURRENT BUSINESS and tables 1 and 2 in "Personal Income by State and Region, Second Quarter 1997" in the November 1997 SURVEY.

Table J.2.—Percent of Personal Income for Selected Components for States and Regions

		ersonal inco			Selected	pe		of personal		J. 2c		
Area name	Mi	llions of doll	ars	Net earning	s by place of	residence 1	Dividen	ds, interest, a	and rent	Tra	nsfer paymer	nts
	1969	1980	1996	1969	1980	1996	1969	1980	1996	1969	1980	1996
United States	772,952	2,286,358	6,479,914	76.8	69.9	65.4	14.1	16.0	18.1	9.1	14.1	16.5
New England	49,668	132,440	387,042	74.2	69.0	65.5	16.6	16.9	19.2	9.2	14.1	15.3
Connecticut	14,564 3,122	38,361 9,356	110,916 26,124	75.5 74.4	70.8 66.8	66.8 61.4	17.4 14.2	18.4 15.1	19.9 18.3	7.1 11.3	10.8 18.1	13.4 20.3
Massachusetts	24.178	61.945	181.505	73.1	68.5	65.6	16.9	16.3	19.0	10.0	15.2	15.4
New Hampshire	2,733	9,166	30,939	76.3	71.4	67.5	15.1	16.3	19.4	8.5	12.3	13.1
Rhode Island	3,590	9,189	24,331	74.6	66.2	61.7	14.6	16.3	18.2	10.8	17.5	20.1
Vermont	1,481	4,423	13,227	74.6	67.5	63.4	14.9	17.1	20.9	10.5	15.5	15.7
Mideast	182,568	460,339	1,258,684	75.4	68.5	63.8	15.2	16.2	18.7	9.4	15.3	17.5
Delaware	2,400	6,315	20,095	76.4	72.6	66.1	17.3	15.0	19.6	6.3	12.5	14.3
District of Columbia	3,473	7,922	18,539	74.3	63.5	61.8	13.7	14.0	17.5	12.0	22.5	20.7
Maryland New Jersey	16,187 32,201	46,192 86,872	140,068 250,295	80.0 77.6	72.2 70.8	66.8 66.3	12.5 14.8	14.8 16.8	18.1 20.3	7.5 7.6	13.0 12.4	15.0 13.5
New York	83,489	193,986	530,655	72.8	66.6	62.6	16.9	17.3	18.3	10.3	16.1	19.1
Pennsylvania	44,816	119,050	299,031	76.9	68.6	62.6	13.3	14.9	18.4	9.8	16.5	19.0
Great Lakes	160.631	426.065	1.071.792	78.9	70.8	66.7	13.3	15.3	17.7	7.7	13.9	15.5
Illinois	48,262	126,025	318,061	78.2	70.6	66.7	14.4	16.6	19.1	7.5	12.7	14.2
Indiana	19,035	51,230	132,001	81.0	72.0	68.9	11.7	15.2	16.2	7.3	12.8	14.9
Michigan	35,848	95,312	239,330	79.7	70.7	67.0	12.6	14.0	17.5	7.7	15.4	15.4
Ohio	41,297 16,190	106,854 46,644	262,077	79.0 77.0	70.9 70.2	65.4 66.9	13.1 14.0	14.7 15.5	16.9 18.1	7.9 8.9	14.4 14.3	17.7 15.0
Wisconsin	10,190	40,044	120,325	11.0	70.2	00.9	14.0	15.5	10.1	0.9	14.3	15.0
Plains	57,805	163,679	432,418	76.6	68.4	66.0	14.2	18.0	18.5	9.2	13.6	15.5
lowa	10,187	27,655	63,613	76.1	66.8	66.0	15.0	19.9	18.3	8.9	13.3	15.7
Kansas	7,910 14,111	23,538 41,497	59,585 119,530	76.9 77.3	69.1 71.3	65.7 68.5	13.7 13.9	17.8 16.0	19.1 17.6	9.4 8.9	13.1 12.8	15.2 13.9
Missouri	16,495	46.116	123,366	76.7	67.7	63.7	14.0	17.7	19.4	9.4	14.6	16.9
Nebraska	5,264	14,364	37,862	75.7	67.5	67.2	15.6	19.5	18.2	8.7	13.0	14.6
North Dakota	1,862	5,081	13,159	75.5	61.9	63.8	14.4	22.9	18.3	10.1	15.2	17.9
South Dakota	1,975	5,428	15,303	76.3	64.4	64.8	13.4	20.3	18.2	10.2	15.3	17.0
Southeast	133,575	454,253	1,416,289	77.8	69.1	63.9	12.5	15.5	18.0	9.7	15.5	18.1
Alabama	9,431	30,179	86,021	79.5	70.8	65.2	9.9	12.1	14.7	10.5	17.1	20.1
Arkansas	5,021	17,129	47,584	75.7	66.1	64.6	11.6	15.1	14.7	12.7	18.8	20.8
Florida Georgia	24,311 14,431	97,999 46,264	348,849 168,959	68.8 80.7	60.0 73.0	55.7 69.6	20.5 10.9	23.8 13.1	25.6 15.7	10.7 8.5	16.3 13.9	18.7 14.7
Kentucky	9,418	29,734	76,885	78.7	70.3	64.5	10.5	13.4	15.7	10.7	16.3	19.9
Louisiana	10,472	37,086	85,548	78.3	73.4	63.5	11.6	13.3	15.0	10.1	13.3	21.5
Mississippi	5,294	17,521	47,735	79.3	69.7	64.4	9.4	12.1	12.9	11.3	18.2	22.7
North Carolina	15,236	47,736	162,602	81.9	73.1	68.0	10.1	12.8	15.5	8.0	14.0	16.6
South Carolina Tennessee	7,204 11,530	23,964 37,479	73,890 116,760	82.0 80.2	72.9 71.7	66.0 67.9	9.4 10.5	11.8 13.0	15.1 14.2	8.6 9.3	15.3 15.3	18.9 17.9
Virginia	16,359	53,443	168,300	80.2	71.7	67.1	11.7	14.6	18.6	8.1	13.6	14.3
West Virginia	4,868	15,720	33,155	76.3	68.2	59.0	10.6	12.3	15.4	13.0	19.4	25.6
Southwest	54,463	207,671	617,538	77.6	73.0	68.1	13.4	15.1	15.8	9.0	11.8	16.1
Arizona	6,023	25,626	94,596	74.3	68.0	64.3	16.1	17.8	18.4	9.6	14.2	17.3
New Mexico	2,940	10,807	32,217	77.2	70.6	63.7	12.3	14.4	16.2	10.5	15.0	20.1
Oklahoma	8,089	28,764	64,514	75.3	70.9	63.5	13.0	15.1	16.2	11.7	14.0	20.2
Texas	37,411	142,474	426,212	78.7	74.6	70.0	13.1	14.7	15.1	8.2	10.8	15.0
Rocky Mountain	16,932	63,593	188,316	76.6	72.4	67.9	14.3	15.9	17.9	9.2	11.7	14.3
Colorado	8,036	31,261	98,258	75.4	72.9	68.5	15.6	16.3	18.6	9.0	10.8	12.9
Idaho Montana	2,286 2,243	8,130 6,945	23,591 16,896	78.4 75.0	70.5 66.0	66.9 58.9	12.3 14.6	16.2 19.2	17.2 21.1	9.3 10.4	13.3 14.9	15.9 19.9
Utah	3,196	11,808	39,199	79.2	74.6	72.2	11.9	13.0	13.9	8.9	12.4	13.8
Wyoming	1,171	5,448	10,371	76.3	76.3	61.8	15.4	15.3	22.3	8.3	8.4	15.9
Far West	117,309	378,319	1,107,835	75.5	70.3	65.8	14.8	16.6	18.6	9.7	13.1	15.6
Far West	1,374	5,611	14,810	87.2	83.0	67.8	8.0	8.6	13.9	4.9	8.4	18.3
California	89,193	281,590	807,975	74.9	70.0	65.7	15.1	16.9	18.8	10.0	13.1	15.5
Hawaii	3,332	10,563	30,072	79.2	73.0	66.1	14.3	14.6	17.7	6.5	12.3	16.2
Nevada	2,157	9,420	41,699	79.6	73.3	68.0	13.3	15.3	18.3	7.1	11.4	13.7
Oregon	7,573 13,681	26,315 44,820	73,922 139,356	75.5 76.8	68.6 70.7	64.5 65.9	14.8 13.9	17.3 15.7	19.2 18.3	9.7 9.3	14.1 13.6	16.3 15.7
Washington	13,007	44,020	138,336	/0.8	/0./	00.9	13.9	15.7	10.3	9.3	13.0	10./

<sup>1.</sup> Net earnings by place of residence is earnings by place of work—the sum of wage and salary disbursements, other labor income, and proprietors' income—less personal contributions for

social insurance plus the adjustment for residence. Source: The CD-ROM, "State Personal Income, 1958-1996," September 1997.

Table J.3.—Per Capita Personal Income and Per Capita Disposable Personal Income for States and Regions, 1994-96

		Per capita perso	onal income 1		Per c	apita disposable	personal incor	ne <sup>1</sup>
Area name		Dollars		Rank in U.S.		Dollars		Rank in U.S
	1994	1995	1996	1996	1994	1995	1996	1996
United States	22,180	23,348	24,426		19,345	20,327	21,087	
lew England	26,040	27,688	28,989		22,284	23,582	24,387	
Connecticut	30,462	32,341	33,875	1	25,722	27,063	27,913	
Maine	19,277	20,157	21,011	36	17,036	17,842	18,469	;
Massachusetts	26,522	28,332	29,792	3	22,486	23,901	24,810	
New Hampshire	24,250	25,700	26,615	8	21,599	22,836	23,416	
Rhode Island	22,383	23,738	24,572	18	19,638	20,856	21,457	
Vermont	20,299	21,538	22,470	29	17,878	19,036	19,743	
lideast	25,613	26.968	28.242		22,000	23,136	24,028	
Delaware	24,748	26,159	27,724	5	21,215	22,417	23,549	
District of Columbia	31,327	32,499	34,129	lI	26,702	27,780	29,195	l
Maryland	25,405	26,547	27,618	6	21,784	22,751	23,491	
New Jersey	28,547	30,071	31,334	2	24,474	25,826	26,595	
New York	26,332	27,806	29,181	4	22,412	23,612	24,583	
Pennsylvania	22,471	23,628	24,803	17	19,672	20,635	21,514	
ireat Lakes	22,342	23,575	24,575		19.346	20.394	21.084	
Illinois	24,230	25,590	26,848	7	20,922	22,054	22,928	l
Indiana	20,811	21,702	22,601	28	18,032	18,828	19,466	
Michigan	22,692	24,066	24,945	16	19,699	20,877	21,474	
Ohio	21,368	22,547	23,457	21	18,579	19,574	20,209	
Wisconsin	21,192	22,379	23,320	22	18,211	19,228	19,854	
ains	21,005	22,018	23,414		18.325	19.147	20,211	
lowa	20,049	20,802	22,306	30	17,616	18,276	19,503	
Kansas	20,819	21,929	23,165	23	18,221	19,114	20,015	
Minnesota	22,904	24,061	25,663	11	19,504	20,388	21,482	
Missouri	20,779	21,949	23,022		18,244	19,234	20,075	
Nebraska	20,779	21,385	22,917	25 27	18,030	18,763	19.966	
North Dakota	18,229	18.495	20,448	38	16,315	16,526	18,255	
South Dakota	18,783	19,165	20,446	37	17,051	17,331	18,849	
outheast	20,003	21,076	22,016		17,674	18,593	19,288	
Alabama	18,349	19,327	20,131	39	16,344	17,202	17,821	
Arkansas	17,142	18,126	18,959	47	15,316	16,155	16,872	
	21,959	23,129	24,226	20	19,436	20,425	21,190	
Florida	20,686	21,901	22,977	26	18,072	19,102	19,852	
Georgia	17,949	18,860	19,797	42	15,801		17,305	
Kentucky				42		16,576		
Louisiana	18,135	18,960	19,664		16,356	17,083	17,605	
Mississippi	15,931	16,745	17,575	50	14,504	15,260	15,986	
North Carolina	19,979	21,188	22,205	32	17,423	18,467	19,256	
South Carolina	18,138	19,146	19,977	40	16,116	16,934	17,584	
Tennessee	20,120	21,284	21,949	33	18,096	19,113	19,577	
Virginia	23,129 16,998	24,208 17,532	25,212 18,160	14 49	19,961 15,250	20,880 15,706	21,600 16,179	
	·		•					
puthwest	19,739	20,673	21,614		17,630	18,459	19,146	
Arizona	19,562	20,329	21,363	35	17,205	17,860	18,633	
New Mexico	17,187	18,215	18,803	48	15,301	16,278	16,727	
Oklahoma	18,039 20,308	18,731 21,311	19,544 22,282	45 31	15,985 18,224	16,614 19,114	17,217 19,815	
Colorado	<b>20,286</b> 23,109	<b>21,467</b> 24,487	<b>22,490</b> 25,704	10	<b>17,552</b> 19,829	<b>18,585</b> 21,034	<b>19,302</b> 21,849	
	18,243	19,181	19,837	41	15,959	16,798	17,276	
Idaho	17,672	18,563	19,037	46	15,499	16,382	16,821	
Montana	17,334	18,468	19,595	46	15,499	15,952	16,812	
Utah	20,013	20,941	21,544	34	17,661	18,542	18,961	
	22,867	24,052	25,173		19.994	20.955	21,706	
r West	23,487	24,052	25,173	19	20.364	20,955	21,706	
California	23,022	24,217	25,346	13	20,354	21,087	21,826	I
	24,278	25,095	25,340	12	21,012	21,067	22,065	
			40.404		41,014	41,310	44.000	1
Hawaii				اه ا	20,202	21 125	22,260	
Hawaii Nevada Oregon Oregon	23,422 20,575	24,748 21.851	26,011 23,074	9 24	20,285 17,530	21,435 18.698	22,280 19,612	

stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms. It can also differ from the NIPA estimate because of different data sources and revision schedules. Source: Tables 2 and 4 in "State Personal Income, Revised Estimates for 1958–96" in the October 1997 SURVEY OF CURRENT BUSINESS.

Per capita personal income and per capita disposable personal income were computed using midyear population estimates of the Bureau of the Census.
 NOTE.—The personal income level shown for the United States is derived as the sum of the State estimates. It differs from the national income and product accounts (NIPA) estimate of personal income because, by definition, it omits the earnings of Federal civilian and military personnel.

## Table J.4.—Gross State Product for States and Regions by Industry, 1994

[Millions of dollars]

						[IV	IIIIONS OF C	ioliarsj									
	Rank of	Total		Agricul-			N	lanufacturin	g	Transpor-			Finance,		Endaral	Endaral	Ctoto and
State and region	total gross state product	Total gross state product	Farms	fural services, forestry, and fishing	Mining	Construc- tion	Total	Durable goods	Nondura- ble goods	tation and public utilities	Whole- sale trade	Retail trade	insur- ance, and real estate	Services	Federal civilian govern- ment	Federal military govern- ment	State and local govern- ment
United States		6,835,641	82,197	35,651	90,058	269,232	1,197,098	673,139	523,959	606,354	461,863	609,908	1,273,678	1,342,720	182,651	79,948	604,284
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	21 42 10 40 44 50	389,259 110,449 26,069 186,199 29,393 23,867 13,282	1,182 280 221 296 94 56 234	1,915 504 267 777 138 147 82	237 38 12 113 29 14 31	13,158 3,646 1,142 5,943 1,031 822 574	66,134 18,612 4,639 30,387 6,053 4,148 2,296	<b>43,392</b> 12,231 2,200 20,245 4,336 2,776 1,605	22,743 6,381 2,439 10,142 1,718 1,372 691	27,786 7,744 1,864 12,883 2,327 1,739 1,229	25,962 7,328 1,510 13,237 1,742 1,274 872	33,195 8,813 3,159 14,784 2,913 2,204 1,323	<b>92,056</b> 30,138 4,742 42,919 6,502 5,456 2,299	88,578 22,939 4,816 47,245 5,723 5,151 2,704	<b>6,712</b> 1,510 827 3,134 448 477 317	2,084 579 342 678 67 354 65	<b>30,258</b> 8,319 2,528 13,804 2,326 2,026 1,256
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	41 16 8 2 6	1,327,798 26,697 48,028 132,703 254,945 570,994 294,431	4,504 221 0 601 479 1,399 1,805	4,012 75 13 610 864 1,221 1,229	2,355 4 7 111 152 428 1,653	<b>45,626</b> 889 428 6,536 9,261 16,661 11,852	183,235 5,397 1,267 11,442 36,841 70,346 57,941	<b>85,106</b> 1,486 153 5,676 12,144 35,556 30,091	98,129 3,911 1,114 5,766 24,698 34,790 27,850	114,721 1,354 2,596 11,144 25,750 46,605 27,272	86,894 1,046 577 8,199 23,374 35,683 18,014	100,291 1,513 1,367 11,787 19,096 40,005 26,523	321,733 10,414 6,888 29,253 57,125 164,081 53,972	294,563 3,419 15,636 29,531 54,124 129,468 62,385	<b>46,598</b> 358 16,102 9,956 4,186 8,443 7,553	<b>7,278</b> 273 1,166 2,117 832 1,804 1,087	115,987 1,733 1,981 11,416 22,862 54,850 23,145
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	4 15 9 7 19	1,111,598 332,853 138,190 240,390 274,844 125,321	11,265 3,515 1,839 1,486 2,121 2,302	<b>4,418</b> 1,321 531 887 1,039 640	<b>4,459</b> 1,273 753 938 1,238 258	<b>45,155</b> 14,086 6,493 8,584 10,583 5,409	284,542 62,441 41,843 71,415 73,887 34,956	188,314 35,277 29,115 54,414 48,605 20,903	96,229 27,164 12,728 17,001 25,282 14,053	90,978 31,940 11,407 16,156 22,592 8,882	77,674 26,639 8,382 16,373 18,534 7,745	97,284 27,549 12,734 19,958 25,922 11,120	179,209 63,253 18,448 36,385 41,404 19,719	198,663 66,853 21,325 42,288 47,899 20,298	19,212 6,357 2,725 2,814 5,225 2,091	<b>4,025</b> 1,686 479 527 1,032 300	94,713 25,938 11,229 22,580 23,366 11,600
Plains lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	29 31 20 17 36 49 46	455,013 68,298 61,758 124,641 128,216 41,357 13,494 17,250	17,428 4,238 2,529 2,822 1,751 3,160 1,286 1,642	2,562 553 348 534 563 308 84 173	2,466 156 815 507 356 98 349 185	19,202 2,700 2,402 5,318 5,823 1,714 588 657	88,359 16,699 10,727 24,950 27,017 6,031 979 1,956	49,443 9,775 5,638 14,510 14,477 3,088 534 1,422	38,916 6,924 5,090 10,440 12,540 2,944 445 534	<b>43,306</b> 5,388 7,444 9,564 13,476 4,559 1,496 1,378	34,207 4,718 4,545 10,061 9,406 3,147 1,255 1,076	41,979 5,966 5,956 11,134 12,493 3,488 1,291 1,652	69,161 9,632 7,831 21,869 18,734 5,937 1,673 3,487	<b>79,879</b> 10,090 10,003 23,882 24,172 6,724 2,302 2,706	10,786 1,263 1,584 2,361 3,549 1,104 358 567	<b>4,102</b> 191 1,347 306 892 587 494 288	<b>41,575</b> 6,706 6,227 11,334 9,985 4,500 1,341 1,483
Southeast Alabama Arkansas Florida Georgia Kentucky Louislana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	25 33 5 11 26 22 32 12 27 18 13 39	1,478,627 88,661 50,575 317,829 183,042 86,485 101,101 50,587 181,521 79,925 126,539 177,708 34,654	20,175 1,512 2,035 3,399 2,491 1,867 882 1,256 3,420 724 1,242 1,147 200	7,841 460 315 2,735 768 442 369 287 786 363 476 737 101	21,509 1,184 382 711 752 2,941 9,995 356 229 158 347 1,074 3,380	60,747 3,496 1,846 14,592 6,707 3,429 4,476 1,855 7,078 3,473 4,677 7,443 1,675	282,972 19,398 12,578 26,612 32,576 23,221 17,417 11,854 53,629 21,787 30,611 27,435 5,854	126,435 9,593 6,757 15,079 13,383 12,545 4,311 7,015 19,739 8,403 16,049 11,047 2,514	156,537 9,805 5,820 11,533 19,192 10,676 13,107 4,839 33,890 13,384 14,562 16,389 3,341	143,740 8,821 6,196 29,914 21,865 8,305 11,059 6,228 14,315 6,399 10,646 15,425 4,567	97,808 5,515 3,077 22,644 16,355 4,770 5,784 2,840 11,692 4,367 9,232 9,694 1,836	144,130 8,926 5,193 35,783 16,714 7,651 8,717 5,008 16,338 8,043 13,881 14,820 3,057	226,278 10,860 5,637 68,123 28,563 9,514 13,260 5,680 23,465 10,297 16,217 30,823 3,838	263,453 14,045 7,272 72,639 31,980 12,471 16,738 7,597 26,345 11,632 23,663 33,594 5,477	45,781 4,173 1,179 6,669 5,667 2,683 1,841 1,522 3,148 1,864 4,450 11,646 939	31,101 1,411 411 4,573 3,519 1,803 1,320 1,064 4,882 2,273 694 9,009	133,092 8,861 4,455 29,435 15,085 7,387 9,241 5,039 16,194 8,545 10,403 14,860 3,587
Southwest Arizona New Mexico Oklahoma Texas	24 37 30 3	677,888 94,093 37,832 66,189 479,774	8,347 810 564 1,591 5,381	3,541 673 178 311 2,379	39,652 1,114 2,702 3,281 32,555	28,989 5,116 1,781 2,069 20,024	105,712 13,973 5,117 11,060 75,562	<b>61,747</b> 11,155 4,422 6,615 39,555	<b>43,964</b> 2,817 695 4,445 36,007	<b>72,514</b> 8,345 3,672 7,281 53,216	<b>46,743</b> 5,677 1,645 4,051 35,369	<b>62,877</b> 10,034 3,551 6,663 42,630	98,977 17,115 5,130 8,203 68,529	120,958 18,155 6,595 10,788 85,419	<b>17,331</b> 2,538 1,791 2,500 10,502	9,967 1,200 834 1,476 6,456	<b>62,281</b> 9,343 4,272 6,915 41,750
Rocky Mountain Colorado Idaho Montana Utah Wyoming	23 43 47 35 48	198,132 99,767 24,185 16,862 41,657 15,660	3,989 1,180 1,260 835 418 297	1,120 506 276 135 123 79	8,816 1,660 169 837 1,484 4,666	10,271 5,234 1,536 758 2,151 591	24,790 12,299 4,612 1,317 5,891 670	<b>15,011</b> 7,197 3,030 763 3,806 215	9,779 5,102 1,583 555 2,086 455	22,017 11,014 2,181 2,152 4,008 2,662	11,869 6,341 1,456 1,049 2,532 492	19,563 10,039 2,502 1,714 4,268 1,040	29,743 16,825 3,092 2,261 5,905 1,661	<b>37,142</b> 20,626 3,771 3,061 8,221 1,464	<b>7,215</b> 3,424 760 742 1,901 388	3,034 1,885 268 266 412 202	<b>18,564</b> 8,736 2,301 1,734 4,346 1,447
Far West Alaska California Hawaii Nevada Oregon Washington	45 1 38 34 28 14	1,197,326 22,720 875,697 36,718 43,958 74,366 143,867	15,306 18 11,171 282 142 1,481 2,212	10,241 356 7,189 198 178 734 1,586	10,563 4,238 4,459 26 1,438 96 306	<b>46,084</b> 1,038 29,222 2,151 3,090 3,447 7,137	161,354 1,149 121,842 1,128 2,002 14,814 20,418	103,692 317 76,608 296 1,269 11,260 13,942	57,662 833 45,234 832 733 3,554 6,476	91,293 3,835 63,122 3,475 3,376 5,909 11,576	80,707 672 59,860 1,414 1,990 5,888 10,882	110,589 1,539 79,662 4,063 4,084 6,773 14,467	256,519 2,480 199,078 8,584 8,058 12,464 25,856	259,485 2,653 193,314 7,586 14,967 13,248 27,716	29,015 1,113 18,900 1,745 840 2,020 4,397	18,357 1,094 11,187 2,623 435 223 2,795	107,814 2,535 76,691 3,442 3,358 7,269 14,519

NOTE.—Totals shown for the United States differ from the NIPA estimates of gross domestic product (GDP) because State data exclude the statistical discrepancy (the difference between GDP and gross domestic income), the compensation of Federal civilian and military personnel stationed abroad, and government consumption of fixed capital for military structures located abroad and for military equipment, except office equipment; they may also differ from the GDP estimates because of differences in revision schedules.

Sources: Tables 9 and 10 in "Comprehensive Revision of Gross State Product by Industry, 1977–94" in the June 1997 SURVEY OF CURRENT BUSINESS.

## K. Local Area Table\_

Table K.1.—Personal Income and Per Capita Personal Income by Metropolitan Area, 1993–95

	lak		l income	Onal III		ariu apita pei		-	reisonal income by Metropoli	illail A	Personal			Per c	apita per	sonal in	come 3
Area name	M:II	ions of dol		Percent	1616	Dollars	JUNIAN III	Rank in	Area name	Millio	ons of dollar		Percent	1016	Dollars	Jonal III	Rank in
AIGA HAIHE	1993	1994	1995	change <sup>2</sup>	1993	1994	1995	U.S. 1995	Alea name	1993	1994	1995	change <sup>2</sup>	1993	1994	1995	U.S. 1995
United States <sup>1</sup> Metropolitan portion Nonmetropolitan portion	5,471,129 4,627,255 843,874	5,739,851 4,850,244	6,097,977 5,162,277	6.2 6.4	21,223 22,481	22,044 23,327 16,959	23,196 24,594		. Colorado Springs, CO	8,301 2,290	8,931 2,443	9,660 2,608	8.2 6.7	19,104 19,212	19,684 20,178	20,770	166 157
Consolidated Metropolitan Statistical Areas	0.10,01.	555,551	555,155	0.2	. 0,200	,	,		Columbia, SC	9,298 4,612	9,818 4,798	10,464 5,060	6.6 5.4	19,362 17,023	20,702 17,549	18,616	131 259
Chicago-Gary-Kenosha, IL-IN-WI Cincinnati-Hamilton, OH-KY-IN	210,079 40,549	220,224 42,522	234,889 45,310	6.7 6.6	24,869	25,906 22,436	27,481 23,752		Corpus Christi, TX	30,328 6,128 1,610	32,441 6,469 1,682	34,614 6,833 1,765	6.7 5.6 5.0	21,525 16,594 15,894	22,825 17,190 16,627		68 285 293
Cleveland-Akron, OH Dallas-Fort Worth, TX	64,737 98,735	67,827 105,222	72,102 113,633	6.3 8.0	21,559 22,388 23,006	23,350 24,034	24,792 25,418		Dallas, TX*	68,719 1,793	73,638 1,865	79,737 1,965	8.3 5.3	24,084 16,395	25,298 16,972	26,803 17,930	32 286
Denver-Boulder-Greeley, CO Detroit-Ann Arbor-Flint, MI Houston-Galveston-Brazoria, TX	51,988 121,251 93,005	54,925 131,581 97,330	59,361 140,169 104,073	8.1 6.5 6.9	24,211 23,139 23,048	25,084 25,117	26,581 26,646		Davenport-Moline-Rock Island, IA-	7,016	7,337 20,823	7,722 22,132	5.3 6.3	19,646 20,734	20,534 21,834	21,588 23,238	137 89
Los Angeles-Riverside-Orange County, CA	331,389	337,711	357,571	5.9	21,822	22,122	24,910 23,290		Daytona Beach, FL	19,884 7,417	7,867	8,464	7.6	17,120	17,742	18,794	249
Miami-Fort Lauderdale, FL Milwaukee-Racine, WI	71,826 37,629	74,618 39,592	80,095 42,025	7.3 6.1	21,514 23,036	21,965 24,182	23,155 25,636		Decatur, IL	2,466 2,360 43,300	2,623 2,434 45,764	2,772 2,517 49,546	5.7 3.4 8.3	17,912 20,106 24,570	19,069 20,851 25,494	19,955 21,640 27,069	200 134 28
New York-No. New Jersey-Long Island, NY-NJ-CT-PA	564,130	585,058	619,024	5.8	28,691	29,654	31,280		Des Moines, IA	9,387 100,582	10,014 108,703	10,709 115,754	6.9 6.5	22,747 23,395	23,987 25,320	25,331 26,889	45 31
Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD Portland-Salem, OR-WA	147,099 41,382	151,972 44,382	160,677 48,170	5.7 8.5	24,743 21,236 21,212	25,497 22,308	26,921 23,719		Dothan, AL	2,264 2,069	2,372 2,177	2,506 2,344	5.7 7.7	16,919 17,494	17,819 18,232	19,333	250 226
Sacramento-Yolo, CASan Francisco-Oakland-San Jose,	33,416	35,017	37,534	7.2		22,052	23,332		Duluth-Superior, MN-WI	1,669 4,338	1,771 4,540	1,865 4,782	5.3 5.3	19,011 17,959	20,113 18,834	19,959	155 199
CA Seattle-Tacoma-Bremerton, WA Washington-Baltimore, DC-MD-VA-	181,386 77,103	187,916 80,757	201,544 85,826	7.3 6.3	28,055 24,214	28,901 25,062	30,802 26,231			6,092 2,440 8,391	6,132 2,584 8,809	6,302 2,754 9,299	2.8 6.5 5.6	23,177 17,292 12,964	23,474 18,218 13,211	24,098 19,335 13,702	69 225 312
WV	185,306	194,456	204,023	4.9	26,550	27,584	28,706		Elkhart-Goshen, IN	3,317 1,686	3,564 1,773	3,780 1,863	6.1 5.0	20,485 17,745	21,719 18,766	22,660 19,817	107 206
Abilene, TXAkron, OH*	2,117 13,869	2,153 14,691	2,299 15,620	6.8 6.3	17,407 20,663	17,720 21,828	18,708 23,103	254 92	Enid, OK	1,031 5,278	1,063 5,510	1,099 5,811	3.3 5.5	18,246 18,879	18,719 19,630 18,932	19,160 20,704	235 168 202
Albany, GAAlbany-Schenectady-Troy, NY	1,915 19,396	2,063 20,365	2,199 21,004	6.6 3.1	16,507 22,194	17,711 23,082	18,849 23,837	246 73	Eugene-Springfield, OR Evansville-Henderson, IN-KY Fargo-Moorhead, ND-MN	5,327 5,853 2,952	5,667 6,071 3,165	6,043 6,360 3,348	6.6 4.8 5.8	18,036 20,505 18,469	21,184 19,535	19,917 22,124 20,433	124 180
Albuquerque, NMAlexandria, LAAllentown-Bethlehem-Easton, PA	12,071 2,177 13,250	13,056 2,332 13,794	14,188 2,456 14,580	8.7 5.3 5.7	19,145 17,399 21,754	20,175 18,492 22,554	21,452 19,352 23,801	142 224 74	Fayetteville, NCFayetteville-Springdale-Rogers, AR	4,773 4,319	4,899 4,696	5,210 5,078	6.4 8.1	16,813 18,381	17,252 19,293	18,289 20,060	271 192
Altoona, PA Amarillo, TX	2,287 3,673	2,379 3,916	2,495 4,188	4.9 7.0	17,338 18,801	17,963 19,664	18,891 20,464	244 177	Flagstaff, AZ-UT Flint, MI*	1,679 8,418	1,820 9,407	1,948 9,908	7.0 5.3	15,124 19,469	15,959 21,757	16,733 22,815	299 101
Ann Arbor, MI*	6,616 12,251	6,921 13,472	7,015 14,508	1.4 7.7	26,465 24,101	27,484 26,255	27,914 27,829	22 24	Florence, AL	2,256 2,067	2,397 2,177	2,547 2,301	6.3 5.7	16,679 17,285	17,801 17,981	18,837 18,767	248 251
Anniston, AL Appleton-Oshkosh-Neenah, WI	1,846 6,735	1,916 7,178	2,024 7,672	5.6 6.9	15,859 20,497	16,989 21,596	17,840 22,810	289 102	Fort Collins-Loveland, CO Fort Lauderdale, FL* Fort Myers-Cape Coral, FL	4,075 32,716 7,784	4,368 34,274 8,259	4,726 37,008 8,880	8.2 8.0 7.5	19,875 24,175 21,672	20,538 24,736 22,450	21,747 26,192 23,664	130 37 78
Asheville, NC Athens, GA Atlanta, GA	3,920 2,276 75,166	4,095 2,416 80,871	4,391 2,606 87,956	7.2 7.8 8.8	19,491 17,390 23,260	20,050 18,094 24,229	21,181 19,320 25,563	154 228 42	Fort Pierce-Port St. Lucie, FL Fort Smith, AR-OK	6,126 3,014	6,362	6,866 3,428	7.9 5.7	22,491 16,410	22,847 17,515	24,313	64 276
Atlantic-Cape May, NJ* Augusta-Aiken, GA-SC	8,192 8,114	8,502 8,429	8,964 8,809	5.4 4.5	24,973 18,297	25,768 18,790	27,020 19,451	29 222	Fort Walton Beach, FL Fort Wayne, IN	2,914 9,698	3,060 10,202	3,237 10,867	5.8 6.5	18,491 20,803	19,007 21,768	19,795 23,048	208 95
Austin-San Marcos, TXBakersfield, CA	18,737 10,073	20,331 10,218	22,338 10,860	9.9 6.3	20,048 16,798	20,977 16,711	22,185 17,625	291	Fort Worth-Arlington, TX* Fresno, CA	30,015 14,363	31,585 14,583	33,896 15,274	7.3 4.7	20,867 17,411	21,527 17,384	22,665 18,014	106 283
Baltimore, MD* Bangor, ME (NECMA) Barnstable-Yarmouth, MA	56,912 2,518	59,799 2,601	62,556 2,728	4.6 4.9	23,282 17,228	24,326 17,777	25,347 18,747	44 252	Gadsden, AL Gainesville, FL Galveston-Texas City, TX*	1,639 3,473 4,497	1,727 3,663 4,731	1,839 3,905 5,065	6.4 6.6 7.0	16,425 18,193 19,381	16,935 18,961 20,130	18,032 19,984 21,300	281 198 149
(NECMA) Baton Rouge, LA	4,870 10,492	5,106 11,233	5,492 11,919	7.6 6.1	25,286 18,962	26,090 20,114	27,568 21,159	25 156		11,998 2,146	12,613 2,267	13,369 2,364	6.0 4.3	19,472 17,602	20,397 18,598	21,534	139 227
Beaumont-Port Arthur, TX Bellingham, WA Benton Harbor, MI	6,711 2,593 3,073	6,951 2,789 3,257	7,348 2,953 3,442	5.7 5.9 5.7	17,973 18,198 19,018	18,567 19,097 20,193	19,541 19,775 21,284	221 210 150	Goldsboro, NC Grand Forks, ND-MN	1,664 1,707	1,768 1,809	1,895 1,906	7.2 5.4	15,408 16,492	16,261 17,326	17,127 18,297	295 270
Bergen-Passaic, NJ* Billings, MT	40,789 2,361	42,024 2,515	44,345 2,662	5.5 5.8	31,489 19,543	32,291 20,472	33,931 21,345	4 146	Grand Junction, COGrand Rapids-Muskegon-Holland,	1,768	1,866	2,007	7.6	17,553	18,016	18,904	243
Biloxi-Gulfport-Pascagoula, MS Binghamton, NY	5,374 5,071	5,852 5,172	6,104 5,269	4.3 1.9	16,315 19,165	17,339 19,727	17,856 20,446	288 178	MI Great Falls, MT Greeley, CO*	20,059 1,500 2,466	21,591 1,527 2,529	23,232 1,624 2,700	7.6 6.4 6.8	20,579 18,682 17,548	21,811 18,803 17,470	23,174 20,043 18,178	91 194 275
Birmingham, AL	17,846 1,627	18,960 1,697	20,283 1,814		20,644 18,634	19,255	22,830 20,342	182	Green Bay, WI Greensboro-Winston-Salem-High	4,349	4,622	4,936	6.8	21,236	22,267	23,429	85
Bloomington, IN Bloomington-Normal, IL Boise City, ID	1,939 2,797 6,932	2,029 3,056 7,629	2,147 3,213 8,330	5.8 5.1 9.2	20,722		23,229	90	Point, NC	23,267 2,041	24,511 2,174	26,357 2,339	7.5 7.6	21,288 17,889	22,095 18,712	23,428 19,813	86 207
Boston-Worcester-Lawrence-Lowell- Brockton, MA-NH (NECMA)	146,890	153,749	164,718	7.1	25,773 25,451	26.832	28,564	17	SC	15,643 2,156	16,664 2,296	17,948	7.7	18,140	19,084		184
Boulder-Longmont, CO* Brazoria, TX* Bremerton, WA*	6,221 3,775 4,108	6,632 3,970 4,293	7,114 4,240 4,529	7.3 6.8 5.5	25,451 18,112 19,292	26,555 18,662 19,802	27,978 19,595 20,004	20 218 197	Hagerstown, MD* Hamilton-Middletown, OH* Harrisburg-Lebanon-Carlisle, PA	6,076 13,179	6,438 13,751	2,382 6,882 14,533	3.8 6.9 5.7	17,134 19,679 21,753	18,162 20,377 22,546	21,527	253 141 75
Brownsville-Harlingen-San Benito,	3,259	3,476	3,682	5.9					Hartford, CT (NECMA) Hattiesburg, MS	29,959 1,525	30,762 1,635	32,169 1,761	4.6 7.7	26,813 14,937	27,587 15,773	28,962 16,594	14 301
Bryan-College Station, TX Buffalo-Niagara Falls, NY	1,877 24,140	1,985 25,509	2,086	5.1	14,524 20,254	15,187	15,872 22,645	306	Hickory-Morganton-Lenoir, NC Honolulu, HI Houma, LA	5,602 21,675 2,759	5,945 22,254 2,963	6,286 22,901	5.7 2.9 5.5 6.9	18,527 25,150 14,808	19,402 25,602 15,807	26,300	186 35 302
Burlington, VT (NECMA) Canton-Massillon, OH	3,864 7,625	4,018 8,052	4,280 8,535	6.5 6.0	21,053 19,014	21,518 20,054	22,687 21,222	105 152	Houston, TX*	84,734 5,123	88,628 5,341	3,126 94,768 5,566	6.9 4.2	23,571 16,188	15,807 24,214 16,865	25,449	43
Casper, WY Cedar Rapids, IA Champaign-Urbana, IL	1,414 3,835 3,125	1,469 4,094 3,235	1,550 4,363 3,390	5.5 6.6 4.8	22,476 21,928 18,442	23,184	24,248 24,448 20,376	61	Huntsville, AL	6,547 32,605	6,784 34,440	7,091 36,402	4.5 5.7	20,818 22,605	20,711 23,583	21,624	135 55
Charleston-North Charleston, SC Charleston, WV	8,879 5,201	9,168 5,434	9,447	3.0	16,919	17,769 21,352	18,840	247	lowa City, IA	2,042 2,715	2,206 2,887	2,321 3,055	5.2 5.8	20,612 17,779	21,926 18,936	22,894 19,913	98 203
Charlotte-Gastonia-Rock Hill, NC-SC	26,536	28,472	30,989	8.8	21,505	22,580	24,022	71	Jackson, MS Jackson, TN	7,410 1,678 19,606	7,981 1,829 20,630	8,594 1,963 22,209	7.7 7.3 7.7	18,190 17,693 20,401	19,355 19,032 21,234	20,646 20,161 22,617	170 190 110
Charlottesville, VA Chattanooga, TN-GA	3,172 8,461	3,318 8,887	3,512 9,453	5.8 6.4	22,926 19,450	23,622 20,230	24,630 21,330	56 147	Jacksonville, NC	1,962 2,385	2,030 2,503	2,149 2,595	5.9 3.7	13,474 16,763	14,005 17,635	14,897 18,366	310 269
Cheyenne, WY Chicago, IL* Chico-Paradise, CA	1,570 193,676 3,225	1,597 202,969 3,317	1,664 216,553 3,482	4.2 6.7 5.0	20,420 25,501 16,881	20,458 26,553 17,249	21,201 28,177 18,040	153 19 280	Janesville-Beloit, WI	2,831 11,975	3,018 12,241	3,247 12,987	7.6 6.1	19,580 21,714	20,635	21,865	127 80
Cincinnati, OH-KY-IN* Clarksville-Hopkinsville, TN-KY	34,473 2,694	36,084 2,854	38,428 3,053	6.5 7.0	21,928 14,943	22,848 15,405	24,199 16,833	66 298	Johnson City-Kingsport-Bristol, TN- VA	7,596	7,936	8,442	6.4	16,959	17,622	18,582	262
Cleveland-Lorain-Elyria, OH*	50,869	53,136	56,482	6.3	22,910	23,809	25,303	46	Johnstown, PA	4,080	4,211	4,431	5.2	16,934	17,482	18,425	

See footnotes at the end of the table.

Та	ble K.1	I.—Pers	sonal li	ncome	and I	Per C	apita	Person	al Income by Metropolitan	Area,	1993–9	<b>5—</b> Con	tinued				
		Personal	income		Per c	apita per	sonal in				Personal	I income		Per o	apita per	rsonal in	_
Area name	Mill	ions of doll	ars	Percent change 2		Dollars		Rank in U.S.	Area name	Mill	ions of doll	lars	Percent change 2		Dollars	ı	Rank in U.S.
	1993	1994	1995	1994–95	1993	1994	1995	1995		1993	1994	1995	1994–95	1993	1994	1995	1995
Jonesboro, AR Joplin, MO Kalamazoo-Battle Creek, MI Kankakee, IL* Kansas City, MO-KS Kenosha, WI* Killeen-Temple, TX Knoxville, TN	1,154 2,357 8,737 1,808 36,359 2,597 4,202 12,153	1,226 2,543 9,229 1,892 38,533 2,751 4,530	1,335 2,739 9,821 2,020 41,123 2,948 4,828	8.9 7.7 6.4 6.7 6.7 7.2 6.6	15,905 16,857 19,895 18,003 22,290 19,092 15,600 19,627	16,704 17,960 20,964 18,699 23,244 19,990 15,682 20,566	17,826 19,088 22,203 19,901 24,576 21,117 16,508 21,558	290 241 122 204 58 158 303	Raleigh-Durham-Chapel Hill, NC  Rapid City, SD Reading, PA Redding, CA Reno, NV Richland-Kennewick-Pasco, WA Richmond-Petersburg, VA Riverside-San Bemardino, CA*	21,293 1,564 7,698 2,909 6,933 3,388 21,378 50,578	22,694 1,645 8,020 3,007 7,506 3,605 22,540 52,250	24,596 1,760 8,455 3,146 8,110 3,699 23,940 55,477	7.0 5.4 4.6 8.0 2.6 6.2 6.2	22,661 18,181 22,268 18,319 25,189 20,220 23,600 17,584	23,448 18,991 23,008 18,785 26,448 20,691 24,587 17,892	20,176 24,139 19,558 27,866 20,618 25,851 18,685	189 67 219 23 171 41 255
Kokomo, IN La Crosse, WI-MN Lafayette, LA Lafayette, IN Lake Charles, LA Lakeland-Winter Haven, FL	2,071 2,314 5,720 2,994 2,957 7,175	2,203 2,430 6,161 3,164 3,176 7,709	2,368 2,550 6,527 3,353 3,394 8,344	7.5 4.9 5.9 6.0 6.9 8.2	20,848 19,385 15,999 18,070 17,188 16,972	22,130 20,210 17,060 18,806 18,258 17,930	23,715 21,088 17,867 19,734 19,262 19,126	77 159 287 215 230 238	Roanoke, VA Rochester, MN Rochester, NY Rockford, IL Rocky Mount, NC	5,017 2,608 24,339 6,837 2,375	5,207 2,667 25,451 7,381 2,481	5,575 2,784 26,703 7,888 2,656	7.1 4.4 4.9 6.9 7.1	22,045 23,141 22,372 19,923 17,147	22,753 23,574 23,386 21,330 17,631	24,720 24,566	62 52 59 111 260
Lancaster, PA Lansing-East Lansing, MI Laredo, TX Las Cruces, NM Las Vegas, NV-AZ	9,537 8,531 1,730 2,059	9,785 9,168 1,885 2,160	10,321 9,686 1,966 2,343	5.5 5.7 4.3 8.5	21,745 19,553 10,998 13,487	22,084 20,614 11,430 13,752	23,056 21,717 11,402 14,643	93 132 314 311	Sacramento, CA* Saginaw-Bay City-Midland, MI St. Cloud, MN St. Joseph, MO St. Louis. MO-IL	30,464 7,973 2,609 1,697 56,970	31,962 8,478 2,777 1,781 59,826	34,258 8,996 2,902 1,872 63,929	7.2 6.1 4.5 5.1 6.9	21,306 19,787 16,825 17,251 22,529	22,173 21,047 17,708 18,214 23,634	23,459 22,342 18,278 19,222 25,170	84 118 272 233 48
Lawrence, KS Lawton, OK Lewiston-Auburn, ME (NECMA) Lexington, KY Lima, OH	21,342 1,417 1,778 1,849 8,660 2,795	23,786 1,505 1,803 1,918 9,080 2,988	26,198 1,608 1,880 2,019 9,743 3,117	10.1 6.8 4.3 5.3 7.3 4.3	21,054 16,483 15,041 17,808 20,331 17,897	21,974 17,266 15,866 18,558 21,060 19,168	16,870 19,626 22,394	97 274 297 217 116 195	Salem, ÖR* Salinas, CA Salt Lake City-Ogden, UT San Angelo, TX San Antonio, TX	5,300 7,946 20,413 1,754 25,644	5,624 7,922 22,030 1,845 27,298	6,010 8,452 23,739 1,958 29,313	6.1 7.4	17,612 22,577 17,674 17,553 18,214	18,278 23,804 18,703 18,247 19,055	25,270 19,825 19,231	236 47 205 232 196
Lincoln, NE Little Rock-North Little Rock, AR Longview-Marshall, TX  Los Angeles-Long Beach, CA* Louisville, KY-IN	4,541 10,489 3,507 199,770 20,804	4,831 11,105 3,660 201,754 21,834	5,156 11,916 3,905 213,337 23,232	6.7 7.3 6.7 5.7 6.4	20,275 19,680 17,531 21,984 21,363		22,446 21,954 19,132 23,501 23,552	114 126 237 82 81	San Diego, CA San Francisco, CA* San Jose, CA* San Luis Obispo-Atascadero-Paso Robles, CA	56,001 55,375 43,786 4,216	57,820 56,964 45,784 4,361	61,106 60,853 49,548 4,645	6.8 8.2	21,484 33,891 28,362 18,970	22,114 34,745 29,439 19,444	36,989 31,487	88 1 10 176
Lubbock, TX Lynchburg, VA Macon, GA Madison, WI Mansfield, OH	4,100 3,723 5,490 9,206 3,039	4,330 3,922 5,740 9,765 3,201	4,590 4,127 6,085 10,391 3,373	6.0 5.2 6.0 6.4 5.4	18,027 18,550 18,129 23,822 17,343	18,776 19,314 18,686 25,032 18,265	19,783 20,199 19,674 26,449 19,243	209 188 216 33 231	Santa Barbara-Santa Maria- Lompoc, CA	9,193 5,618 2,913 9,703	9,378 5,788 3,087 10,103	9,929 6,193 3,350 10,779	8.5 6.7	22,812 23,799	24,587 23,461 24,533	26,202 24,691 25,888	40 36 53 39
McAllen-Edinburg-Mission, TX Medford-Ashland, OR Melbourne-Titusville-Palm Bay, FL	4,521 2,859 8,564	4,893 3,070 8,938	5,248 3,272 9,341	7.3 6.6 4.5	10,170 18,080 19,663	10,525 18,913 20,161	10,878 19,746 20,747	315 213 167	Sarasota-Bradenton, FL Savannah, GA Scranton-Wilkes-Barre-Hazleton,	13,489 5,292 11,963	14,375 5,612 12,316	15,557 5,971 12,927	8.2 6.4	26,406 19,473 18,695	27,704 20,318	21,351	13 145 179
Memphis, TN-AR-MS	21,862 3,025 39,110 31,640	23,432 3,043 40,344 33,117	25,222 3,017 43,087 35,087	7.6 9 6.8 5.9	20,988 15,735 19,699 29,967	30,997	23,640 15,653 21,058 32,507	79 307 160 7	PA Seattle-Bellevue-Everett, WA* Sharon, PA Sheboygan, WI Sherman-Denison, TX Shreveport-Bossier City, LA	57,079 2,042 2,188 1,677 6,963	59,763 2,141 2,314 1,751 7,296	63,422 2,259 2,456 1,879 7,672	5.0 6.1 5.5 6.2 7.3 5.2	26,458 16,702 20,589 17,420 18,495	19,363 27,422 17,545 21,526 17,963 19,321	28,773 18,498 22,560 19,090 20,228	15 263 113 240 187
Milwaukee-Waukesha, WI* Minneapolis-St. Paul, MN-WI Mobile, AL Modesto, CA Monmouth-Ocean, NJ* Monroe, LA	33,779 66,474 8,495 6,992 27,308 2,390	35,519 70,555 8,967 7,139 28,058 2,528	37,698 74,901 9,469 7,449 29,635 2,708	6.1 6.2 5.6 4.3 5.6 7.1	23,263 25,026 16,811 17,379 26,720	24,422 26,197 17,614 17,537 27,089 17,304	25,906 27,436 18,429 18,122 28,187 18,444	38 26 266 278 18 264	Sioux Čity, IA-NE Sioux Falls, SD South Bend, IN Spokane, WA Springfield, IL	2,196 3,208 5,126 7,409 4,145	2,336 3,504 5,399 7,849 4,381	2,517 3,747 5,741 8,271 4,554	7.7 6.9 6.3 5.4 3.9	18,493 21,573 20,215 18,932 21,311	19,544 23,045 21,150 19,788 21,657	20,871 24,320 22,350 20,575	165 63 117 173 115
Montgomery, AL	5,840 2,180 2,544 5,343 23,385 77,581	6,178 2,287 2,771 5,601 25,394 80,864 54,255	6,558 2,384 3,034 6,015 27,453 85,250 57,566	6.1 4.2 9.5 7.4 8.1 5.4	18,996 18,185 17,143 31,084 22,367 29,373	19,964 19,204 18,177 31,447 23,716 30,527	21,000 20,044 19,220 32,878 25,077 32,108	162 193 234 5 50 9	Springfield, MO Springfield, MA (NECMA) State College, PA Steubenville-Weirton, OH-WV Stockton-Lodi, CA Sumter, SC Syracuse, NY Tacoma, WA*	5,243 12,124 2,247 2,326 9,115 1,463 14,898	5,640 12,566 2,333 2,420 9,385 1,549 15,544	6,053 13,264 2,475 2,521 9,924 1,645 16,171	7.3 5.6 6.1 4.2 5.7 6.2 4.0	18,562 20,321 17,403 16,519 17,826 13,811 19,745	19,556 21,080 17,977 17,278 18,085 14,557	20,616 22,342 18,957 18,079 18,874 15,387 21,592	172 118 242 279 245 308
New London-Norwich, CT (NECMA) New Orleans, LA New York, NY*	5,907 25,439 242,044	6,264 26,568	6,615 28,089 266,669	5.6 5.7 5.9	23,761 19,497		26,436 21,374	34 144	Tallahassee, FL Tampa-St. Petersburg-Clearwater, FL Terre Haute, IN Texarkana, TX-Texarkana, AR	4,504 43,934 2,574 1,975	4,784 45,864 2,654 2,080	5,083 49,391 2,789 2,215	6.3 7.7 5.1 6.5	18,014 20,567 17,160	18,760 21,246 17,757 16,939	19,753 22,646 18,640	212 108
Newark, NJ* Newburgh, NY-PA* Norfolk-Viriginia Beach-Newport News, VA-NC Oakland, CA* Ocala, FL	57,117 7,061 28,554 56,796 3,533	58,947 7,395 29,768 58,801 3,804	62,684 7,729 31,217 62,995 4,090	6.3 4.5 4.9 7.1 7.5	20,037 18,826 26,196 16,673	19,485 26,973 17,318	21,528 20,332 28,729 18,130	8 140 183 16 277	Toledo, OH Topeka, KS Trenton, NJ* Tucson, AZ Tulsa, OK	12,583 3,409 9,809 12,644 14,918	13,292 3,554 10,194 13,782 15,473	14,038 3,753 10,770 14,770 16,274	5.6 5.6 5.7 7.2 5.2	20,521 20,775 29,853 17,767 20,192	21,730 21,540 30,964 18,761 20,823	22,971 22,752 32,633 19,556 21,789	96 104 6 220 129
Odessa-Midland, TX Oklahoma City, OK Olympia, WA* Omaha, NE-IA Orange County, CA*	4,650 18,503 3,791 14,167 65,005	4,875 19,443 3,996 14,958 67,212	5,152 20,474 4,288 16,108 71,272	5.7 5.3 7.3 7.7 6.0	25,681	20,618 19,277 21,301 22,540 26,213	21,674 20,139 22,258 24,002 27,420	133 191 120 72 27	Tuscaloosa, AL Tyler, TX Ulica-Rome, NY Vallejo-Fairfield-Napa, CA* Ventura, CA* Victoria, TX	2,678 3,054 5,632 10,108 16,035 1,513	2,856 3,238 5,892 10,476 16,494 1,594	3,045 3,456 6,085 11,174 17,485 1,700	6.7 3.3 6.7 6.0 6.6	17,306 19,357 17,729 21,138 23,196 19,197	18,411 20,245 18,680 21,820 23,527 19,892	19,740 23,328 24,736 21,042	229 151 214 87 51 161
Orlando, FL Owensboro, KY Panama City, FL Parkersburg-Marietta, WV-OH Pensacola, FL Peoria-Pekin, IL	26,180 1,562 2,373 2,739 6,229 7,005	27,690 1,669 2,471 2,853 6,484 7,418	29,645 1,758 2,592 2,999 6,818 7,692	7.1 5.3 4.9 5.1 5.1 3.7	19,621 17,468 17,295 18,115 17,195 20,428	18,816	21,395 19,390 18,229 19,774 18,025 22,235	143 223 273 211 282 121	Vineland-Mill/ille-Bridgeton, NJ* Visalia-Tulare-Porterville, CA Waco, TX Washington, DC-MD-VA-WV* Waterloo-Cedar Falls, IA	2,720 5,263 3,297 126,237 2,258	2,786 5,363 3,474 132,361 2,406	2,936 5,615 3,734 139,085 2,540	5.4 4.7 7.5	19,567 15,516 16,963 28,631 18,142	17,528 29,644 19,419	18,674 30,824 20,660	148 305 257 12
Philadelphia, "PA-NJ" Phoenix-Mesa, AZ Pine Bluff, AR Pittsburgh, PA Pittsfield, MA (NECMA)	122,479 48,394 1,290 53,184 3,048	126,364 52,629 1,319 54,634 3,145	133,528 58,036 1,397 57,518 3,326	5.7 10.3 5.8 5.3	24,775 20,180 15,294 22,090 22,395	25,521 21,178 15,649 22,760	26,959 21,839 16,685 24,071 24,611	30 128 300 70 57	Wausau, WI West Palm Beach-Boca Raton, FL Wheeling, WV-OH Wichita, KS Wichita Falls, TX Williamsport, PA	2,247 30,995 2,717 10,710 2,384 2,119	2,370 32,424 2,796 10,934 2,519 2,184	2,530 35,204 2,926 11,617 2,707 2,290	6.8 8.6 4.7 6.2 7.5 4.9	18,772 33,197 17,138 21,238 18,295 17,517	19,689 33,862	20,902 36,057 18,682 22,823 19,933	
Pocatello, ID	1,121 5,649 36,081 19,832	1,182 5,896 38,758 20,241	1,245 6,253 42,160 21,576	5.3 6.1 8.8 6.6	16,056 23,032 21,897 21,687	16,404 23,839 23,046 22,185	17,033 25,127 24,553 23,730	296 49 60 76	Wilmington-Newark, DE-MD* Wilmington, NC Yakima, WA Yolo, CA*	13,709 3,499 3,599 2,952	14,321 3,741 3,738 3,055	15,249 4,062 3,934 3,276	6.5 8.6 5.2 7.2	25,649 18,667 17,559 20,293	26,507 19,314 17,810 20,864	27,924 20,247 18,427 22,083	21 185 267 125
Provo-Orem, UT Pueblo, CO Punta Gorda, FL Racine, WI*	3,895 2,061 2,294 3,849	4,248 2,176 2,456 4,073	4,691 2,390 2,649 4,327	10.4 9.9 7.9 6.2	13,736 16,378 18,636		15,099 18,441 20,539	309 265 174	York, PA Youngstown-Warren, OH Yuba City, CA Yuma, AZ	7,632 11,051 2,191 1,757	7,823 11,641 2,233 1,687	8,299 12,302 2,366 1,976	6.1 5.7 5.9	21,563 18,249 16,566 14,112	21,727 19,317 16,569	22,759 20,512 17,414	103

<sup>1.</sup> The personal income level shown for the United States is derived as the sum of the county estimates; it differs from the national income and product accounts (NIPA) estimate of personal income 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. It can also differ from the NIPA estimate because of different data sources and revision schedules.
2. Percent change was calculated from unrounded data.
3. Per capital personal income was computed using Census Bureau midvear population estimates. Estimates for

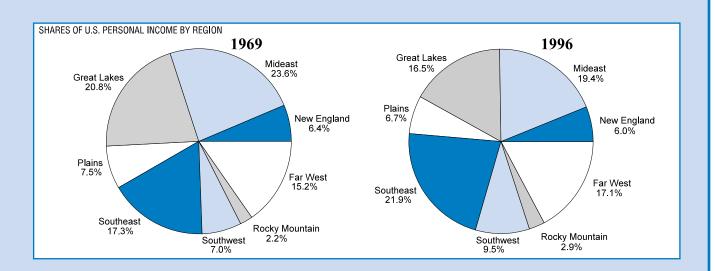
<sup>1993-95</sup> reflect county population estimates available as of March 1997.

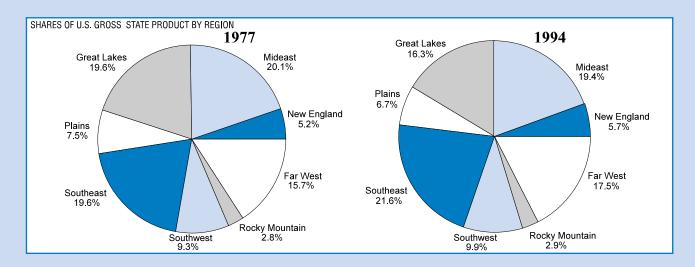
4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by \*), and New England County Metropolitan Areas (NECMA's). The New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT NECMA is presented as a PMSA (part of the New York CMSA).

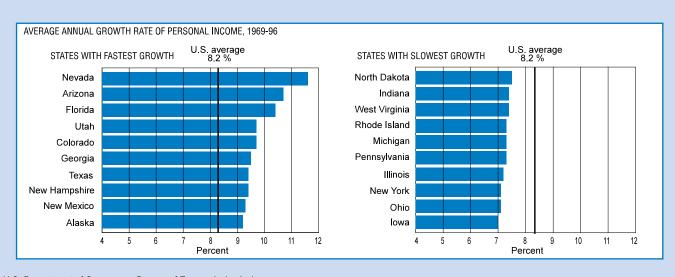
Source: Table 1 in "Comprehensive Revision of Local Area Personal Income, 1969–95" in the September 1997 SURVEY.

## L. Charts

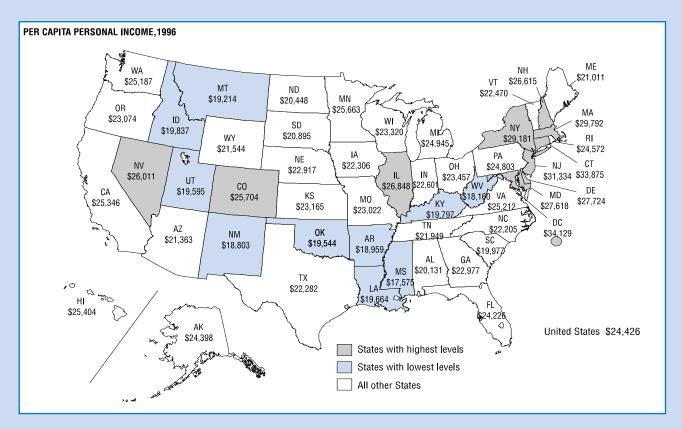
# **SELECTED REGIONAL ESTIMATES**

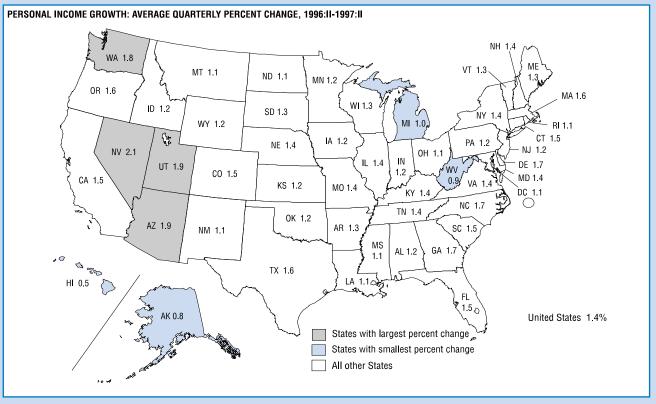






# **SELECTED REGIONAL ESTIMATES**





U.S. DERBURNETH OF TOUR HER BURNETH OF THE PORT OF THE

## Appendix A

## Additional Information About BEA's 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.)

Except for the most recent period, the annual and quarterly changes in real GDP and prices are "chaintype" measures that are both based on the "Fisher Ideal" formula that incorporates weights from two adjacent years. For example, the 1992–93 percent change in real GDP uses prices for 1992 and 1993 as weights, and the 1992–93 percent change in price uses quantities for 1992 and 1993 as weights. Because the quantity and price index numbers calculated in this way are symmetric, the product of the annual change in real GDP and the annual change in prices equals the annual change in current-dollar GDP.

In the most recent period, a variant of the formula is used because only 1 year's information is available for computing the index number weights. Accordingly, BEA uses the prices and quantities from the two adjacent quarters as weights to calculate Fisher chaintype measures for those estimates. For example, the 1996:III—1996:III percent change in real GDP uses prices for 1996:III and 1996:III as weights, and the 1996:II—1996:III percent change in the GDP price index uses quantities for 1996:III and 1996:III as weights.

BEA also presents another measure, known as the "implicit price deflator," in the NIPA tables. The implicit price deflator is calculated as the ratio of current-dollar value to the corresponding chained-dollar value multiplied by 100.

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated "chained (1992) dollar estimates." These estimates are computed by multiplying the 1992 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

1992 and if real output for this component increased by 10 percent in 1993, then the "chained (1992) dollar" value of this component in 1993 would be \$110 (\$100  $\times$  1.10). Note that percentage changes in the chained (1992) 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 (1992) 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. In cases where the residual is large, the table of contributions of the major components to the change in real gdp provides a better basis for determining the composition of gdp growth than the chained-dollar estimates.

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 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:

$$r = \left\lceil \left( \frac{X_t}{X_o} \right)^{m/n} - 1 \right\rceil \times 100,$$

where  $\gamma$  is the percent change at an annual rate;

 $X_t$  is the level of activity in the later period;  $X_o$  is the level of activity in the earlier period; m is the yearly periodicity of the data (for

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.

## **Reconciliation Tables**

Table 1.—Reconciliation of Changes in BEA-Derived Compensation Per Hour with BLS Average Hourly Earnings
[Percent change from preceding period]

			Seasonal	ly adjuste	d at ann	ual rates		
	1994	1995	1996	19	96		1997	
	1994	1995	1990	III	IV	-	r	<i>P</i>
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing)	1.8	2.4	3.2	2.9	3.3	4.5	3.3	4.0
Less: Contribution of supplements to wages and salaries per hour	.1	6	6	5	-1.0	4	2	2
Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions	0	0	1	0	4	.1	0	4
Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed	0	.2	.1	.5	2	.1	0	.1
Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector	1.8	2.8	3.6	2.9	4.0	4.9	3.5	3.7
Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing	.2	.1	2	3	3	3	1	1
Less: Other differences <sup>1</sup>	-1.0	1	.5	4	.5	1.1	.6	0
Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls	2.6	2.9	3.3	3.7	3.9	4.2	3.0	3.8
Addendum: BLS estimates of compensation per hour in the nonfarm business sector <sup>2</sup>	1.7	2.5	3.1	2.9	3.3	4.5	3.3	4.2

P Preliminary.
r Revised.

Table 2.—Relation of Net Exports of Goods and Services and Net Receipts of Factor Income in the National Income and Product Accounts (NIPA's) to Balance on Goods, Services, and Income in the Balance of Payments Accounts (BPA's)

[Billions of dollars]

					Seasona	ally adjuste	ed at annu	al rates	
	Line	1995	1996		19	96		199	97
				I	II	III	IV	I	II
Exports of goods, services, and income, BPA's	1	991.5	1,055.2	1,025.5	1,049.3	1,047.9	1,098.2	1,118.1	1,170.9
Less: Gold, BPA's Statistical differences <sup>1</sup> Other items	2 3 4	5.1 0 .9	6.9 0 1.1	6.3 0 .8	12.5 0 1.0	5.2 0 1.5	3.7 0 1.1	6.7 .6 .8	9.3 .9 .7
Plus: Adjustment for grossing of parent/affiliate interest payments	5 6	8.0 33.3	8.7 34.0	10.1 33.2	7.3 34.1	8.4 33.6	8.9 34.9	8.6 35.4	8.3 36.5
insurance carriers and private noninsured pension plans	7	14.5	15.3	14.3	14.8	15.9	16.3	16.5	17.0
Equals: Exports of goods and services and receipts of factor income, NIPA's	8	1,041.2	1,105.1	1,076.1	1,092.0	1,099.0	1,153.4	1,170.4	1,221.9
Imports of goods, services, and income, BPA's	9	1,086.5	1,163.4	1,115.4	1,156.9	1,183.5	1,198.0	1,243.2	1,290.8
Less: Gold, BPA's Statistical differences <sup>1</sup> Other items	10 11 12	5.3 0 0	7.7 0 0	6.8 0 0	14.6 0 0	6.2 0 0	3.4 0 0	8.7 -3.4 0	11.0 -4.0 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	-3.6 8.0 21.9 14.5	-3.8 8.7 22.4 15.3	-3.4 10.1 21.6 14.3	-3.6 7.3 22.3 14.8	-4.0 8.4 22.4 15.9	-4.2 8.9 23.4 16.3	-3.6 8.6 24.1 16.5	-3.9 8.3 26.1 17.0
Equals: Imports of goods and services and payments of factor income, NIPA's	17	1,122.0	1,198.3	1,151.4	1,183.0	1,219.9	1,238.8	1,283.5	1,331.3
Balance on goods, services, and income, BPA's (1-9)	18	-95.0	-108.2	-89.9	-107.6	-135.6	-99.8	-125.1	-119.9
Less: Gold (2–10+13)	19 20 21	-3.8 0 .9	-4.6 0 1.1	-3.9 0 .8	-5.7 0 1.0	-5.0 0 1.5	-3.9 0 1.1	-5.6 4.0 .8	-5.6 4.9 .7
Plus: Adjustment for U.S. territories and Puerto Rico (6-15)	22	11.4	11.6	11.6	11.8	11.2	11.5	11.3	10.4
Equals: Net exports of goods and services and net receipts of factor income, NIPA's (8-17)	23	-80.8	-93.2	-75.3	-91.0	-120.9	-85.4	-113.1	-109.4

<sup>1.</sup> Consists of statistical revisions in the NIPA's that have not yet been incorporated into the BPA's (1997:II) and statistical revisions in the BPA's that have not yet been incorporated into the NIPA's (1997:I-1997:II).

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.

<sup>2.</sup> These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing.

# Appendix B Suggested Reading

## Mid-Decade Strategic Plan

BEA has published the following articles in the Survey of Current Business on the development and implementation of its strategic plan for improving the accuracy, reliability, and relevance of the national, regional, and international accounts.

"Mid-Decade Strategic Review of BEA's Economic Accounts: Maintaining and Improving Their Performance" (February 1995)\*

"Mid-Decade Strategic Review of веа's Economic Accounts: An Update" (April 1995)\*

"BEA'S Mid-Decade Strategic Plan: A Progress Report" (June 1996)\*

Mid-Decade Strategic Review of BEA's Economic Accounts: Background Papers (1995) presents seven background papers that evaluate the state of the U.S. economic accounts and that identify the problems and the prospects for improving the accounts.

## Methodology

BEA has published a wealth of information about the methodology used to prepare its national, regional, and international estimates.

#### National

National income and product accounts (NIPA's)

NIPA Methodology Papers: This series documents the conceptual framework of the NIPA's and the methodology used to prepare the estimates.

An Introduction to National Economic Accounting (NIPA Methodology Paper No. 1, 1985) [Also appeared in the March 1985 issue of the SURVEY] Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (NIPA Methodology Paper No. 2, 1985)

Foreign Transactions (NIPA Methodology Paper No. 3, 1987)

GNP: An Overview of Source Data and Estimating Methods (NIPA Methodology Paper No. 4, 1987) [Also appeared in the July 1987 issue of the SURVEY]

Government Transactions (NIPA Methodology Paper No. 5, 1988)

Personal Consumption Expenditures (NIPA Methodology Paper No. 6, 1990)

The methodologies described in these papers are subject to periodic improvements that are typically introduced as part of the annual and comprehensive revisions of the NIPA's; these improvements are described in the SURVEY articles that cover these revisions.

"Annual Revision of the U.S. National Income and Product Accounts": This series of Survey articles, the latest of which was published in the August 1997 issue,\* describes the annual NIPA revisions and the improvements in methodology.

The most recent comprehensive revision of the NIPA's is described in the following series of SURVEY articles.

"Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA's New Featured Measures of Output and Prices" (July 1995)\*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: Recognition of Government Investment and Incorporation of a New Methodology for Calculating Depreciation" (September 1995)\*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: New and Redesigned Tables" (October 1995)\*

"Improved Estimates of the National Income and Product Accounts for 1959–95: Results of the Comprehensive Revision" (January/February 1996)\*

"Completion of the Comprehensive Revision of the National Income and Product Accounts, 1929–96" (May 1997)\*

"Updated Summary NIPA Methodologies" (September 1997 SURVEY)\* identifies the principal source data and estimating methods that are used to prepare the estimates of gross domestic product (GDP).

#### Availability

For the availability of some of these publications, see the inside back cover of this issue. See also the *User's Guide to Bea Information*: To request a copy, write to the Public Information Office, BE–53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington DC 20230, call 202–606–9900, or visit BEA's Internet site at <a href="http://www.bea.doc.gov">http://www.bea.doc.gov</a>>.

<sup>\*</sup> Items with an asterisk can be found on Bea's Internet site at <a href="http://www.bea.doc.gov">http://www.bea.doc.gov</a>>.

Information on the sources and methods used to prepare the national estimates of personal income, which provide the basis for the State estimates of personal income, can be found in *State Personal Income*, 1929–93 (1995).\*

"Gross Domestic Product as a Measure of U.S. Production" (August 1991 SURVEY) briefly explains the difference between GDP and gross national product.

The conceptual basis for the chain-type measures of real output and prices used in the NIPA's is described in the following SURVEY articles.

"Alternative Measures of Change in Real Output and Prices" (April 1992)\*

"Economic Theory and BEA's Alternative Quantity and Price Indexes" (April 1992)\*

"Alternative Measures of Change in Real Output and Prices, Quarterly Estimates for 1959–92" (March 1993)\*

"Preview of the Comprehensive Revision of the National Income and Product Accounts: BEA'S New Featured Measures of Output and Prices" (July 1995)\*

"BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth" (May 1997)\*

"Reliability and Accuracy of the Quarterly Estimates of GDP" (October 1993 SURVEY)\* evaluates GDP estimates by examining the record of revisions in the quarterly estimates.

"A Look at How BEA Presents the NIPA'S" (May 1996 SURVEY)\* explains how to locate the NIPA estimates and some of the conventions used in their presentation.

#### Wealth and related estimates

"Improved Estimates of Fixed Reproducible Tangible Wealth, 1929–95" (May 1997 SURVEY)\* describes the most recent revision of the estimates of fixed reproducible tangible wealth.

#### *Gross product by industry*

"Improved Estimates of Gross Product by Industry, 1959–94" (August 1996 Survey)\* describes the most recent comprehensive revision of the estimates of gross product by industry.

"Gross Product by Industry, 1947–96" (November 1997 Survey)\* presents the most recent revision to the estimates of gross product by industry and briefly describes changes in methodology.

### *Input-output accounts*

"Benchmark Input-Output Accounts for the U.S. Economy, 1992" (November 1997 SURVEY)\* describes the preparation of the 1992 input-output accounts and the concepts and methods underlying the U.S. input-output accounts.

#### **International**

## Balance of payments accounts (BPA's)

The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures (1990) describes the methodologies used in preparing the estimates in the BPA's and of the international investment position of the United States. These methodologies are subject to periodic improvements that are typically introduced as part of the annual revisions of the BPA's.

"U.S. International Transactions, Revised Estimates": This series of Survey articles, the latest of which was published in the July 1997 issue,\* describes the annual BPA revisions and the improvements in methodology.

#### Direct investment

The coverage, concepts, definitions, and classifications used in the benchmark surveys of U.S. direct investment abroad and of foreign direct investment in the United States are presented in the publications of the final results of the following benchmark surveys.

U.S. Direct Investment Abroad: 1989 Benchmark Survey, Final Results (1992)\*

Foreign Direct Investment in the United States: 1992 Benchmark Survey, Final Results (1995)\*

The types of data on direct investment that are collected and published by BEA and the clarifications of the differences between the data sets are presented in the following SURVEY articles.

"A Guide to BEA Statistics on U.S. Multinational Companies" (March 1995)\*

"A Guide to BEA Statistics on Foreign Direct Investment in the United States" (February 1990)\*

#### Regional

#### Personal income

State Personal Income, 1929–93 (1995)\* includes a description of the methodology used to prepare the estimates of State personal income. [Also available on the CD-ROM "State Personal Income, 1958–96"]

Local Area Personal Income, 1969–92 (1994)\* includes a description of the methodology used to prepare the estimates of local area personal income. [Also available on the CD-ROM "Regional Economic Information System, 1969–95"]

## Gross state product

"Comprehensive Revision of Gross State Product by Industry, 1977–94" (June 1997 Survey)\* summarizes the sources and methods for BEA's estimates of gross state product.

### **BEA INFORMATION**

The economic information prepared by the Bureau of Economic Analysis (BEA) is available in news releases, in publications, on computer diskettes, on CD-ROM's, and on the Internet. For a description of these products in the free *User's Guide to BEA Information*, write to the Public Information Office, BE-53, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230, or call (202) 606–9900. The *User's Guide* and other information are also available on BEA's home page at http://www.bea.doc.gov.

In addition, the following publications are available from the Superintendent of Documents of the Government Printing Office (GPO). To order, write to Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250–7954, call (202) 512–1800 or fax (202) 512–2250. Pay by check to the Superintendent of Documents or charge to a GPO deposit account, to VISA, or to MasterCard.

Benchmark Input-Output Accounts of the United States, 1987. (1994) Presents summary and detailed make and use tables for industries and commodities; tables showing commodity- and industry-output-require-ments per dollar of commodity demanded; and tables showing the input-output (1-0) commodity composition of personal consumption expenditures and producers' durable equipment expenditures in the national income and product accounts. Presents concepts and methods used in the 1987 benchmark accounts; concordance beween 1-0 and 1987 Standard Industrial Classification codes; description of the components of the measures of output, intermediate inputs, and value added; and mathematical derivation of total requirements tables. (468 pages) \$29.00, stock no. 003–010–00251–4.

Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II), Third Edition. (1997) This handbook describes the five types of RIMS II multipliers that are available for nearly 500 industries and for any county or for any group of counties. It details the information that the users need in order to effectively use the RIMS II multipliers to analyze the economic and industrial impact of public and private projects and programs on State and local areas. The handbook also includes case studies that illustrate the uses of the RIMS II multipliers and a description of the methodology that the Bureau of Economic Analysis uses to estimate the multipliers. (63 pages) \$6.00, stock no. 003–010–00264–6.

State Personal Income, 1929–93. (1995) Presents detailed annual estimates for States and regions of personal income for 1929–93, including estimates of per capita personal income, personal income by major source, and earnings by industry. Also presents annual estimates of disposable personal income and per capita disposable personal income for 1948–93 and quarterly estimates of personal income for 1969–93. Provides information about the sources and methods used to prepare the estimates for 1987–93 and samples of all the detailed tables of personal income and employment that are available for regions, States, counties, and metropolitan areas. (444 pages) \$27.00, stock no. 003–010–00257–3.

Foreign Direct Investment in the United States: 1992 Benchmark Survey, Final Results. (1995) Presents detailed data on the financial structure and operations of U.S. affiliates of foreign direct investors, on the foreign direct investment position in the United States, and on the balance-of-payments transactions between U.S. affiliates and their foreign parent companies in 1992. Includes data for items, such as employment covered by collective bargaining agreements and merchandise trade by product and country of destination and origin, that are only collected in benchmark surveys. Benchmark surveys are conducted every 5 years and are BEA's most comprehensive surveys in terms of both the number of companies covered and the amount of information gathered. The data are classified by industry of affiliate and by country of ultimate beneficial owner, and selected data are classified by State. Provides information about the coverage, the concepts and definitions, and the

classifications used in the survey. (312 pages) \$20.00, stock no. 003-010-00259-0.

Foreign Direct Investment in the United States: Operations of U.S. Affiliates of Foreign Companies. (1997) Two publications: One presents the revised estimates for 1994, and the other, the preliminary estimates for 1995 from BEA's annual surveys of the financial structure and operations of nonbank U.S. affiliates of foreign direct investors. The estimates are presented by industry of the U.S. affiliate and by country of the ultimate beneficial owner (UBO) and for selected estimates, by industry of UBO and by State. Preliminary 1995 Estimates (108 pages) \$8.50, stock no. 003–010–00268–9; Revised 1994 Estimates (108 pages) \$8.50, stock no. 003–010–00267–1.

Foreign Direct Investment in the United States: Establishment Data for 1992. (1997) This publication, which presents the results of a project by BEA and the Bureau of the Census, provides the most recently available data on the number, employment, payroll, and shipments or sales of foreign-owned U.S. establishments in more than 800 industries at the Standard Industrial Classification four-digit level and by State and by country of owner. Presents additional information—such as data on value added, employee benefits, hourly wage rates of production workers, and expenditures for plant and equipment—for manufacturing establishments. (364 pages) \$28.00, stock no. 003–010–00265–4.

Foreign Direct Investment in the United States: Establishment Data for Manufacturing, 1991. (1994) A joint effort by BEA and the Bureau of the Census. Presents the most recently available data for foreign-owned U.S. manufacturing establishments (plants) by detailed industry (up to 459 industries), by State, and by country of investor. Includes data on the number of plants, value added, shipments, employment, total employee compensation, employee benefits, the hourly wage rates of production workers, the cost of materials and energy used, inventories by stage of fabrication, and expenditures for new plant and equipment. (220 pages) \$14.00, stock no. 003–010–00250–6.

U.S. Direct Investment Abroad: 1994 Benchmark Survey, Preliminary Results. (1997) Presents preliminary results from the latest benchmark survey of the worldwide operations of U.S. multinational companies. Contains detailed 1994 data on the operations of U.S. parent companies and their foreign affiliates in 103 tables organized by country and by industry. (140 pages) \$14.00, stock no. 003–010–00263–8.

U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Preliminary 1995 Estimates. (1997) Provides revised results for 1995 from BEA's annual survey of the worldwide operations of U.S. multinational companies. Contains information on the financial structure and operations of U.S. parent companies and their foreign affiliates. Data are classified by country and industry of affiliate and by industry of U.S. parent. (116 pages) \$9.00, stock no. 003–010–00270–1.