

NOVEMBER 2002

SURVEY OF CURRENT BUSINESS



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BEA Personal Income and IRS Adjusted Gross Income

GDP by Industry for 1999–2001

U.S.-Canadian Current-Account Reconciliation

State Personal Income, 2002:II

BUREAU OF ECONOMIC ANALYSIS
ECONOMICS AND STATISTICS ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE



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Special in this issue

6 Note on the Upcoming Comprehensive Revision of the National Income and Product Accounts

Next year, BEA will be preparing a comprehensive revision of the NIPAs. The major areas of work include instituting a new processing system; evaluating and implementing changes in definitions, methodology, and presentation; and improving consistency with other accounts and with international standards.

23 Gross Domestic Product by Industry for 1999–2001

In 2001, the U.S. economy grew only slightly after growing at an average annual rate of 4.0 percent in 1995–2000. The slowdown reflected a downturn in private goods-producing industries and a deceleration in private services-producing industries. However, robust growth continued in a number of services and manufacturing industries, partly reflecting decreases in unit labor costs and unit capital costs as a result of increasing productivity. The new estimates of GDP by industry for 2001 and the revised estimates for 1999 and 2000 incorporate the results of this year's annual revision of the NIPAs and newly available source data.

Regular features

1 Business Situation: Advance Estimates for the Third Quarter of 2002

The pace of U.S. production picked up in the third quarter of 2002: Real GDP increased 3.1 percent after increasing 1.3 percent in the second quarter. Most of the pickup was attributable to consumer spending, which was boosted in the third quarter by a surge in auto and truck purchases. U.S. inflation moderated: The price index for gross domestic purchases increased 1.4 percent after increasing 2.3 percent.

13 Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income: New Estimates for 2000 and Revised Estimates for 1999

BEA's estimates of personal income and the IRS estimates of adjusted gross income (AGI)—two widely used measures of household income—are reconciled through a series of adjustments for definitional and statistical differences between the two measures. This year's reconciliation reflects the recent annual revision of the NIPAs and recent updates to the AGI estimates.

42 Reconciliation of the U.S.-Canadian Current Account, 2000 and 2001

Each year, the U.S. and Canadian current-account estimates are reconciled using a common set of definitions, methodologies, and data sources. On the reconciled

— Continued on the next page —

basis, the U.S. current-account deficits with Canada are larger than those shown in the U.S.-published accounts. For 2000, the deficit on the reconciled basis is \$40.4 billion, compared with the U.S.-published deficit of \$30.5 billion. For 2001, the reconciled deficit is \$40.0 billion, compared with the published deficit of \$26.5 billion.

55 Personal Income by State, Second Quarter 2002

Personal income for the Nation increased 1.3 percent in the second quarter of 2002, about the same as in the first quarter. The growth in personal income slowed in 35 States and picked up in only 14 States, but the 14 States included the large States of California, New York, and Texas. Nevada led the Nation in personal income growth in the second quarter, and North Dakota was the only State in which personal income declined.

Reports and statistics

8 Updated NIPA Tables

21 Federal Personal Income Tax Liabilities and Payments, 1959–2000

D–1 BEA Current and Historical Data

Inside back cover: Getting BEA's Estimates

Back cover: Schedule of Upcoming News Releases

LOOKING AHEAD

Benchmark Input-Output Accounts. An article that presents the 1997 benchmark input-output accounts for the U.S. economy is scheduled to be published in the December SURVEY. The article will discuss the presentation of the accounts on the basis of the North American Industry Classification System (NAICS), and it will present the make (production) table and the use (consumption) table for 130 NAICS-based industries.

Annual Input-Output Accounts. The annual input-output accounts for 1999 will be made available on BEA's Web site <www.bea.gov> in December. The data will be available as downloadable files and through interactive access.

Business Situation

Advance Estimates for the Third Quarter of 2002

ECONOMIC growth picked up in the third quarter of 2002, according to the “advance” estimates of the national income and product accounts (NIPAs). Real gross domestic product (GDP) and gross domestic purchases both increased 3.1 percent; in the previous quarter, GDP had increased only 1.3 percent, and purchases had increased 2.6 percent (table 1 and chart 1).¹ The price index for gross domestic purchases rose 1.4 percent after increasing 2.3 percent, as energy prices moderated. However, real disposable personal income slowed to a 2.7-percent increase after increasing 3.6 percent.

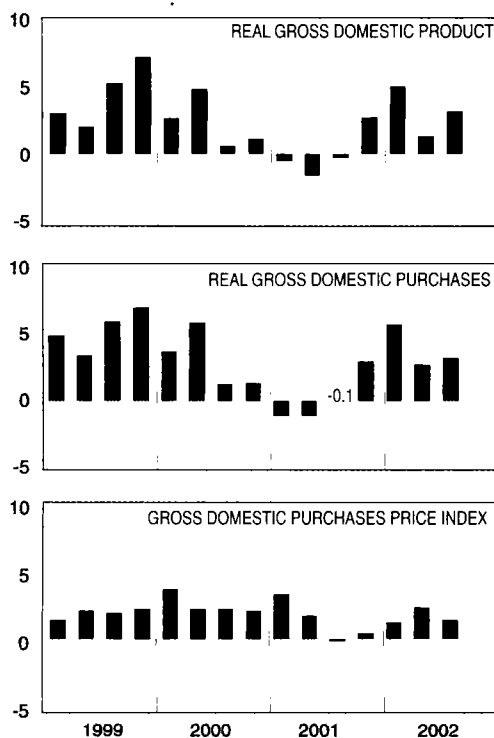
This article was prepared by Daniel Larkins and Frederick von Batchelder.

CHART 1

Selected Measures:

Change From Preceding Quarter

Percent



Note—Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.

U.S. Bureau of Economic Analysis

The advance estimates for the third quarter also show the following:

- Consumer spending stepped up substantially and contributed 2.95 percentage points to third-quarter growth in real GDP after contributing 1.22 percentage points to second-quarter growth (table 2). Auto and truck purchases surged, mainly in response to aggressive sales-incentive programs that included generous rebates and zero-rate financing.²

1. Quarterly estimates in the NIPAs are expressed at seasonally adjusted annual rates, unless otherwise specified. Quarter-to-quarter dollar changes are differences between these published estimates. Percent changes are calculated from unrounded data and annualized. “Real” estimates are in chained (1996) dollars, and price indexes are chain-type measures.

2. In this article, “consumer spending” is shorthand for the NIPA series “personal consumption expenditures,” “government spending” is shorthand for “government consumption expenditures and gross investment,” and “inventory investment” is shorthand for “change in private inventories.”

Table 1. Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers
(Seasonally adjusted at annual rates)

	Billions of chained (1996) dollars					Percent change from preceding quarter				
	Level	Change from preceding quarter					2001		2002	
		2002	2001	2002			IV	I	II	III
	III	IV	I	II	III	IV	I	II	III	
Gross domestic product	9,465.2	62.4	114.4	29.2	72.8	2.7	5.0	1.3	3.1	
Less: Exports of goods and services	1,071.2	-26.2	8.8	34.9	5.7	-9.6	3.5	14.3	2.1	
Plus: Imports of goods and services	1,562.4	-19.8	29.9	75.8	9.5	-5.3	8.5	22.2	2.5	
Equals: Gross domestic purchases	9,917.0	69.5	132.9	62.6	76.2	2.9	5.6	2.6	3.1	
Less: Change in private inventories	1.9	-36.6	69.5	33.8	-3.0					
Equals: Final sales to domestic purchasers	9,903.9	102.0	72.1	31.6	77.9	4.3	3.0	1.3	3.2	
Personal consumption expenditures.....	6,610.8	93.1	49.8	28.6	68.4	6.0	3.1	1.8	4.2	
Durable goods.....	1,032.0	69.4	-16.1	4.8	51.3	33.6	-6.3	2.0	22.7	
Nondurable goods.....	1,927.2	16.7	36.4	-0.5	6.3	3.6	7.9	-0.1	1.3	
Services.....	3,686.9	19.1	25.6	24.0	20.7	2.1	2.9	2.7	2.3	
Private fixed investment.....	1,573.4	-37.3	-2.0	-3.8	0.8	-8.9	-0.5	-1.0	0.2	
Nonresidential.....	1,182.8	-35.3	-18.0	-7.3	1.7	-10.9	-5.8	-2.4	0.6	
Structures.....	221.8	-23.6	-9.5	-11.5	-9.9	-30.1	-14.2	-17.6	-16.0	
Equipment and software.....	976.7	-6.1	-6.6	7.7	15.3	-2.5	-2.7	3.3	6.5	
Residential.....	385.4	-3.3	12.6	2.5	-0.7	-3.5	14.2	2.7	-0.8	
Government consumption expenditures and gross investment.....	1,711.1	41.2	22.8	6.0	7.8	10.5	5.6	1.4	1.8	
Federal.....	613.1	18.3	10.6	10.9	4.4	13.5	7.4	7.5	2.9	
National defense.....	400.8	12.5	10.5	7.3	5.0	14.3	11.6	7.8	5.1	
Nonddefense.....	212.4	5.9	0.2	3.6	-0.5	12.1	0.4	6.9	-0.9	
State and local.....	1,098.1	23.0	12.2	-4.6	3.4	8.9	4.6	-1.7	1.2	
Addendum: Final sales of domestic product	9,452.2	94.4	54.5	-1.5	74.3	4.2	2.4	-0.1	3.2	

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

- A slowdown in imports (which are subtracted in the calculation of GDP) also contributed substantially to the acceleration in GDP growth.³ Exports also slowed, but only about half as much as imports.
- Spending by State and local governments turned up, adding 0.16 percentage point to third-quarter growth after subtracting 0.21 percentage point from second-quarter growth. Consumption expendi-

3. Imports of goods and services are included in gross domestic purchases but not in GDP. Exports of goods and services are included in GDP but not in gross domestic purchases.

Table 2. Contributions to Percent Change in Real Gross Domestic Product
[Seasonally adjusted at annual rates]

	2001	2002			
		IV	I	II	III
Percent change at annual rate:					
Gross domestic product.....	2.7	5.0	1.3	3.1	
Percentage points at annual rates:					
Personal consumption expenditures.....	4.05	2.22	1.22	2.95	
Durable goods.....	2.45	-0.55	0.16	1.73	
Nondurable goods.....	0.73	1.57	-0.02	0.27	
Services.....	0.87	1.20	1.08	0.95	
Gross private domestic investment.....	-2.88	2.53	1.16	-0.04	
Fixed investment.....	-1.49	-0.07	-0.15	0.03	
Nonresidential.....	-1.33	-0.66	-0.27	0.07	
Structures.....	-1.12	-0.44	-0.53	-0.45	
Equipment and software.....	-0.21	-0.22	0.26	0.52	
Residential.....	-0.16	0.60	0.12	-0.03	
Change in private inventories.....	-1.39	2.60	1.31	-0.07	
Net exports of goods and services.....	-0.28	-0.75	-1.40	-0.13	
Exports.....	-0.99	0.33	1.29	0.21	
Goods.....	-0.56	-0.23	0.99	0.26	
Services.....	-0.42	0.56	0.30	-0.05	
Imports.....	0.70	-1.08	-2.69	-0.35	
Goods.....	0.37	-0.40	-2.74	-0.52	
Services.....	0.33	-0.68	0.05	0.17	
Government consumption expenditures and gross investment.....	1.85	1.04	0.27	0.35	
Federal.....	0.80	0.47	0.47	0.20	
National defense.....	0.54	0.46	0.32	0.22	
Nondefense.....	0.26	0.01	0.16	-0.02	
State and local.....	1.05	0.56	-0.21	0.16	

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

- tures increased about the same in both quarters, but gross investment steadied after decreasing.
- Nonresidential investment in equipment and software posted a healthy increase after a modest gain; the increases followed six consecutive quarterly decreases. In contrast, nonresidential structures decreased for the fourth quarter in a row.
- The production of goods increased 6.8 percent after increasing 0.4 percent. The production of services slowed, and the construction of structures decreased, though not as much as in the second quarter (table 3).
- Real motor vehicle output increased 42.2 percent after increasing 8.1 percent. GDP less motor vehicle output increased 2.0 percent after increasing 1.0 percent.
- Inventory accumulation slowed, subtracting 0.07 percentage point from third-quarter GDP growth. In the second quarter, a swing from liquidation to accumulation had added 1.31 percentage points to GDP growth.
- Final sales of domestic product—GDP less inventory investment—increased 3.2 percent after little change.
- Real final sales of computers increased 74.6 percent—more than at any time since the fourth quarter of 1995. Price indexes for most categories of computers decreased more than in the second quarter.
- The personal saving rate decreased to 3.7 percent from 4.0 percent.⁴

4. The personal saving rate is measured as personal saving as a percentage of current-dollar disposable personal income. The third-quarter estimate of the national saving rate (which is measured as gross saving as a percentage of gross national product) will be available at the end of November along with the "preliminary" estimate of third-quarter GDP.

Table 3. Real Gross Domestic Product by Type of Product
[Seasonally adjusted at annual rates]

	Billions of chained (1996) dollars					Percent change from preceding quarter			
	Level	Change from preceding quarter							
		2002	2001	2002			2001	2002	
		III	IV	I	II	III	IV	I	II	III
Gross domestic product.....	9,465.2	62.4	114.4	29.2	72.8	2.7	5.0	1.3	3.1
Goods.....	3,735.0	37.9	72.6	3.6	60.6	4.3	8.3	0.4	6.8
Services.....	4,973.8	38.2	34.1	42.3	28.3	3.2	2.8	3.5	2.3
Structures.....	764.2	-11.3	11.6	-17.2	-10.7	-5.6	6.1	-8.4	-5.5
Addenda:									
Motor vehicle output.....	379.1	12.4	7.9	6.7	31.9	16.3	9.9	8.1	42.2
Gross domestic product less motor vehicle output.....	9,090.6	51.2	106.9	23.3	44.7	2.3	4.9	1.0	2.0
Final sales of computers.....						28.9	-7.8	13.1	74.6
Gross domestic product less final sales of computers.....						2.6	5.1	1.2	2.8

NOTE: See note to table 1 for an explanation of chained (1996) dollar series. Chained (1996) dollar levels and residuals for most items are shown in NIPA table 1.4. Detail on motor vehicle output is shown in NIPA table 8.9B.

Third-Quarter 2002 Advance NIPA Estimates: Source Data and Assumptions

The "advance" estimate for the third quarter is based on the following major source data; as more and better data become available, the estimates will be revised. (The number of months for which data were available is shown in parentheses.)

Personal consumption expenditures: Sales of retail stores (3), unit auto and truck sales (3), and consumers' shares of new-car and new-truck purchases (2);

Nonresidential fixed investment: Unit auto and truck sales (3), construction put in place (2), manufacturers' shipments of machinery and equipment other than aircraft (3), shipments of civilian aircraft (2), and exports and imports of machinery and equipment (2);

Residential investment: Construction put in place (2), single-family housing starts (3), sales of new houses (3), and sales of existing houses (3);

Change in private inventories: Trade and nondurable

manufacturing inventories (2), durable manufacturing inventories other than semiconductors (3), and unit auto and truck inventories (3);

Net exports of goods and services: Exports and imports of goods and services (2);

Government consumption expenditures and gross investment: Some Federal outlays were available for 2 months, others for 3, State and local construction put in place (2), and State and local employment (3);

GDP prices: Consumer price indexes (3), producer price indexes (3), U.S. import and export price indexes (3), and values and quantities of petroleum imports (2).

BEA made assumptions for source data that were not available. Table A shows the assumptions for key series; a more comprehensive list is available on BEA's Web site at <www.bea.gov>.

Table A. Summary of Major Data Assumptions for Advance Estimates, 2002:III

[Billions of dollars, seasonally adjusted at annual rates]

	2002					
	April	May	June	July	August	September ¹
Private fixed investment:						
Nonresidential structures:						
Buildings:						
Value of new nonresidential construction put in place.....	179.6	170.5	166.7	162.4	159.2	159.4
Equipment and software:						
Manufacturers' shipments of complete aircraft.....	39.1	29.0	35.0	38.6	28.5	28.7
Residential structures:						
Value of new residential construction put in place:						
1-unit structures.....	260.5	260.5	260.0	260.2	258.3	261.4
2-units-or-more.....	35.1	34.4	32.8	32.9	34.6	34.9
Change in private inventories:						
Change in inventories for nondurable manufacturing.....	0.0	-2.0	6.9	10.2	6.6	-1.0
Change in inventories for merchant wholesale and retail industries other than motor vehicles and equipment.....	-22.9	6.8	20.1	31.0	7.2	1.0
Net exports: ²						
Exports of goods:						
U.S. exports of goods, international-transactions-accounts basis.....	682.2	687.9	699.0	709.3	695.8	698.9
Excluding gold.....	676.8	683.9	696.1	705.3	692.4	695.9
Imports of goods:						
U.S. imports of goods, international-transactions-accounts basis.....	1,164.0	1,188.3	1,186.4	1,177.7	1,203.1	1,214.6
Excluding gold.....	1,160.8	1,184.5	1,183.0	1,174.6	1,199.9	1,211.6
Net exports of goods.....	-481.8	-500.4	-487.4	-468.4	-507.3	-515.7
Excluding gold.....	-482.1	-500.6	-486.9	-469.3	-507.5	-515.7
Government:						
State and local:						
Structures:						
Value of new construction put in place.....	183.6	187.9	182.6	184.9	186.5	185.7

1. Assumption.

2. Nonmonetary gold is included in balance-of-payments-basis exports and imports but is not used directly in the estimation of NIPA exports and imports.

Prices, next page.

Prices

The price index for gross domestic purchases, which measures the prices of goods and services purchased by U.S. residents, increased 1.4 percent in the third quarter after increasing 2.3 percent in the second. The slowdown was accounted for by a moderation in the prices of energy goods and services. Prices of gross domestic purchases less food and energy increased 1.4 percent, about the same as in first two quarters of the year (table 4 and chart 2).

Prices of goods and services purchased by consumers increased 1.9 percent after increasing 2.7 percent. Energy prices slowed sharply, mainly reflecting a much smaller increase in the price of gasoline and oil. (The average retail price of a gallon of regular gasoline changed little in the third quarter after increasing almost 25 cents in the second quarter.) Prices of electricity and gas and of fuel oil and coal also moderated. Food prices increased less than 1 percent for the second quarter in a row. Prices of other consumer purchases increased 1.9 percent, the same as in the second quarter.

Prices paid by government increased 1.4 percent, half as much as in the second quarter. Prices slowed substantially at both the Federal and the State and local levels, partly in response to moderating energy costs.

Prices of private nonresidential fixed investment decreased for the fifth consecutive quarter. A modest decrease in prices of equipment and software was only

partly offset by a small increase in prices of structures. The decrease in equipment and software was mainly accounted for by computer equipment and transportation equipment. Computer prices decreased at about their average rate over the past 3 years. Prices of transportation equipment decreased for the third consecutive quarter, mainly because of declining motor vehicle prices; the drop in prices of transportation equipment was the largest since 1972. Prices of residential investment increased slightly.

The GDP price index, which measures the prices paid for goods and services produced in the United States, increased 1.1 percent—0.3 percentage point less than the increase in the price index for gross domestic purchases. The GDP index, unlike the index for gross domestic purchases, includes the prices of exports and excludes the prices of imports. Import prices and export prices both increased in the third quarter, but the increase in import prices was somewhat larger than the increase in export prices. The price of imported petroleum increased substantially, though much less than in the second quarter.

Table 4. Price Indexes

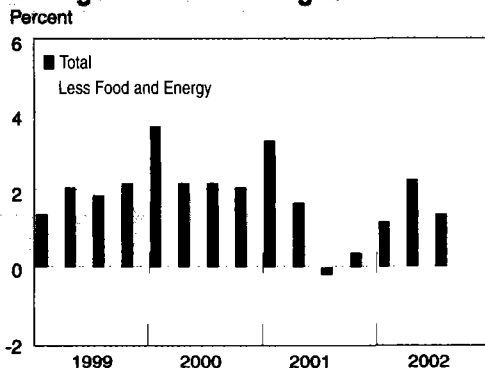
[Percent change at annual rates; based on seasonally adjusted index numbers (1996=100)]

	2001		2002	
	IV	I	II	III
Gross domestic product	-0.5	1.3	1.2	1.1
Less: Exports of goods and services	-3.8	-0.8	3.0	3.5
Plus: Imports of goods and services	4.7	-1.6	11.1	4.8
Equals: Gross domestic purchases	0.4	1.2	2.3	1.4
Less: Change in private inventories				
Equals: Final sales to domestic purchasers	0.5	1.1	2.3	1.4
Personal consumption expenditures	0.8	1.1	2.7	1.9
Durable goods	-1.5	-4.2	-2.9	-1.9
Nondurable goods	-3.5	0.2	4.6	0.6
Services	3.5	2.7	3.0	3.3
Private fixed investment	-0.1	-1.5	-0.2	-0.5
Nonresidential	-1.6	-2.0	-1.4	-0.9
Structures	-1.6	-3.6	0.7	0.7
Equipment and software	-1.6	-1.5	-2.1	-1.4
Residential	3.7	0	2.6	0.4
Government consumption expenditures and gross investment	-0.3	3.6	2.8	1.4
Federal	-0.4	8.4	2.3	1.1
National defense	-1.1	7.3	2.0	1.2
Nondefense	0.7	10.4	2.9	0.8
State and local	-0.3	1.1	3.1	1.5
Addenda:				
Gross domestic purchases:				
Food	2.3	2.4	0.4	0.7
Energy	-33.0	-8.7	29.9	3.6
Less food and energy	2.0	1.4	1.5	1.4
Personal consumption expenditures:				
Food	2.4	2.4	0.5	0.9
Energy goods and services ¹	-32.1	-9.1	29.6	3.3
Less food and energy	2.7	1.4	1.9	1.9

1. Consists of gasoline, fuel oil, and other energy goods and of electricity and gas.
 Note: Percent changes in major aggregates are shown in NIPA table 8.1. Index numbers are shown in tables 7.1, 7.2, and 7.4.

CHART 2

Gross Domestic Purchases Prices: Change From Preceding Quarter



Note—Percent change at annual rate from preceding quarter, based on seasonally adjusted index numbers (1996=100).

U.S. Bureau of Economic Analysis

Personal Income

Real disposable personal income (DPI) increased 2.7 percent in the third quarter after increasing 3.6 percent in the second (chart 3). (During the expansion of the 1990s, it averaged a 2.8-percent increase.) Personal income, which is only available in current dollars, also increased less than in the second quarter (table 5). Personal outlays increased more than income (and more than in the second quarter). As a result, saving fell. Saving as a percentage of DPI declined from 4.0 percent in the second quarter to 3.7 percent in the third.

The slowdown in personal income reflected a downturn in rental income and decelerations in transfer payments and interest income.

The downturn in rental income reflected an upturn in expenses, specifically closing costs associated with mortgage originations. Spurred by historically low mortgage rates, refinancing reached record levels in the third quarter.

The slowdown in transfer payments was traceable to unemployment program benefits. The national unemployment rate dipped to 5.7 percent in the third quarter after increasing 0.2 percentage point to 5.9 percent in the second.

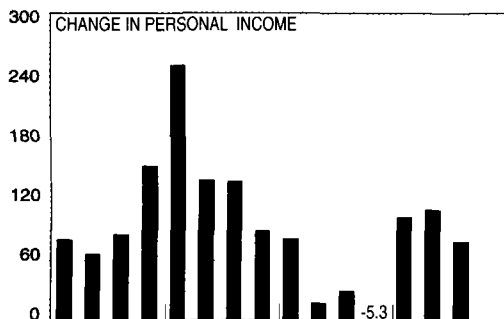
The deceleration in interest income reflected a decrease in interest rates. Many short-term and long-term rates dropped in the third quarter after little change in the second. (For examples, see the table "Domestic Perspectives" on page D-42.)

An upturn in farm proprietors' income and a small step-up in wage and salary disbursements partly offset these changes in rental income, transfer payments, and interest income. Farm subsidies increased about as much in the third quarter as in the second, and farm production income decreased less than in the second quarter. A step-up in wage and salary disbursements in service industries more than offset a slowdown in distributive industries.

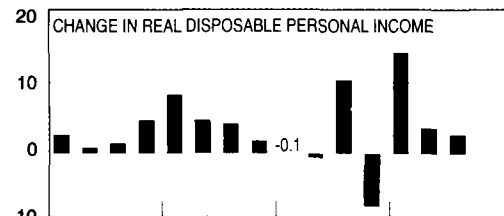
CHART 3

Selected Personal Income and Saving Measures

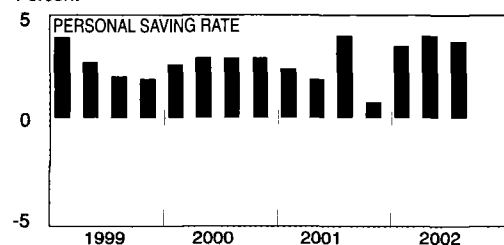
Billion \$



Percent



Percent



Note—Changes are from preceding quarter, based on seasonally adjusted annual rates.

U.S. Bureau of Economic Analysis

Table 5. Personal Income and Its Disposition

(Billions of dollars; seasonally adjusted at annual rates)

	Level		Change from preceding quarter		
	2002	2001	2002		
	III	IV	I	II	III
Wage and salary disbursements.....	5,041.0	-22.3	26.4	39.2	44.0
Private industries.....	4,184.6	-30.4	11.2	31.2	36.0
Goods-producing industries.....	1,120.9	-16.7	-6.4	2.0	2.0
Manufacturing.....	760.6	-13.5	-10.5	2.1	-0.9
Distributive industries.....	1,124.0	-12.2	11.5	9.2	4.7
Service industries.....	1,939.7	-1.5	6.1	20.1	29.2
Government.....	856.4	8.1	15.2	8.0	8.0
Other labor income.....	617.2	3.9	14.4	13.4	13.1
Proprietors' income with IVA and CCAAdj.....	758.3	-1.1	17.1	-0.9	10.8
Farm.....	10.4	-0.1	2.5	-14.2	2.9
Nonfarm.....	748.0	-1.0	14.6	13.3	8.0
Rental income of persons with CCAAdj.....	144.4	-1.5	2.0	12.2	-9.1
Personal dividend income.....	437.3	6.3	6.4	6.6	7.0
Personal interest income.....	1,082.8	-13.5	-3.0	12.4	0.5
Transfer payments to persons.....	1,298.2	22.5	47.0	30.6	15.6
Less: Personal contributions for social insurance...	386.9	-0.4	7.8	3.0	3.4
Personal income.....	8,992.4	-5.3	102.5	110.3	78.7
Less: Personal tax and nontax payments.....	1,118.0	127.8	-172.9	-9.6	-9.2
Equals: Disposable personal income.....	7,874.4	-133.0	275.5	119.9	87.8
Less: Personal outlays.....	7,584.4	107.6	66.7	81.6	106.5
Equals: Personal saving.....	290.0	-240.7	208.9	38.3	-18.7
Addenda: Special factors in personal income:					
In private wages and salaries:					
Effects of the September 11 terrorist attacks.....	0	3.3	0	0	0
In government wages and salaries:					
Federal pay raise.....	9.0	0	8.4	0.6	0
Effects of the September 11 terrorist attacks.....	3.3	2.8	-0.5	0.3	-0.2
In transfer payments to persons:					
Social security retroactive payments.....	0	1.8	-1.8	0	0
Cost-of-living adjustments in Federal transfer programs.....	13.5	0.7	12.8	0	0
Correction for error in indexing for social security and supplemental security income benefits.....	0	-3.7	-0.5	0.1	-0.1
In personal tax and nontax payments:					
Federal tax law changes.....	-42.9	0	-42.6	-0.3	0
Refunds and State tax law changes.....	-0.1	2.2	-0.2	0.2	1.0

Note: Most dollar levels are in NIPA table 2.1.
IVA Inventory valuation adjustment.
CCAAdj Capital consumption adjustment.

Personal Income

Real disposable personal income (DPI) increased 2.7 percent in the third quarter after increasing 3.6 percent in the second (chart 3). (During the expansion of the 1990s, it averaged a 2.8-percent increase.) Personal income, which is only available in current dollars, also increased less than in the second quarter (table 5). Personal outlays increased more than income (and more than in the second quarter). As a result, saving fell. Saving as a percentage of DPI declined from 4.0 percent in the second quarter to 3.7 percent in the third.

The slowdown in personal income reflected a downturn in rental income and decelerations in transfer payments and interest income.

The downturn in rental income reflected an upturn in expenses, specifically closing costs associated with mortgage originations. Spurred by historically low mortgage rates, refinancing reached record levels in the third quarter.

The slowdown in transfer payments was traceable to unemployment program benefits. The national unemployment rate dipped to 5.7 percent in the third quarter after increasing 0.2 percentage point to 5.9 percent in the second.

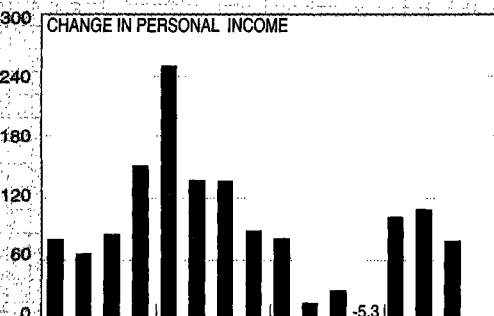
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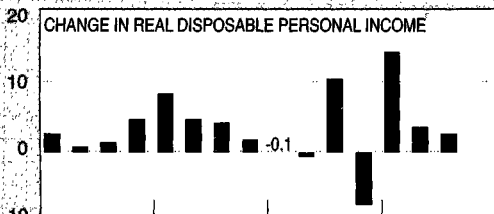
CHART 3

Selected Personal Income and Saving Measures

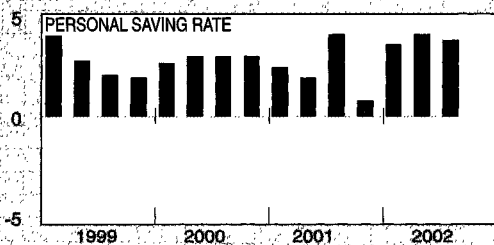
Billion \$



Percent



Percent



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U.S. Bureau of Economic Analysis

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In private wages and salaries:					
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Social security retroactive payments.....	0	1.8	-1.8	0	0
Cost-of-living adjustments in Federal transfer programs.....	13.5	0.7	12.8	0	0
Correction for error in indexing for social security and supplemental security income benefits.....	0	-3.7	-0.5	0.1	-0.1
In personal tax and nontax payments:					
Federal tax law changes.....	-42.9	0	-42.6	-0.3	0
Refunds and State tax law changes.....	-0.1	2.2	-0.2	0.2	1.0

Note. Most dollar levels are in NIPA table 2.1.
IVA Inventory valuation adjustment.
CCAdj Capital consumption adjustment.

Improving consistency and integration with other accounts

- A presentation that shows separate incomes and outlays for households and for nonprofit institutions serving households has been developed.
- The methodology for preparing BEA's estimates of the stock of fixed assets and consumer durable goods will be reviewed before the conversion to NAICS in 2004. New service lives for aircraft and motor vehicles are under consideration. A new type-of-asset classification for structures will be adopted. The investment and depreciation flows used in estimating the stocks will be more closely integrated with the NIPAs.
- A proposal to reclassify services of owner-occupied housing (both farm and nonfarm) and the rental value of fixed assets owned and used by nonprofit institutions serving households from the business sector to the households and institutions sector is being investigated. A proposal to classify transactions of Indian tribal governments as part of State and local governments is also being investigated.

Improving consistency with international standards

- Research is underway on the question of whether part of the consumption of the imputed services furnished without payment by financial intermediaries should be allocated to borrowers, as recommended by the

international guidelines for national accounts, *System of National Accounts 1993* (SNA).

- The presentation of government consumption expenditures and gross investment may be revised to emphasize the government's role as a producer of services. Partial estimates of the change in government inventories are being investigated.
- Additional presentational and definitional changes have been proposed that would move the NIPAs toward conformity with the SNA.
- Research is underway to investigate the feasibility of converting selected government estimates from a cash basis to an accrual basis.

Constraints on time, resources, and source data will play a role in deciding which improvements will be implemented.

During the next year, BEA will provide additional information on the comprehensive revision in SURVEY OF CURRENT BUSINESS articles that preview the proposed changes, at meetings of the BEA Advisory Committee, and at other group meetings of experts. If you have comments or suggestions on the comprehensive revision, please contact:

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National Economic Accounts
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Updated NIPA Tables

Per capita estimates beginning with 1990 in national income and product accounts (NIPA) tables 2.1, 2.9, and 8.7 have been revised to incorporate the intercensal population estimates released in September 2002 by the Bureau of the Census.

Table 2.9 provides revised annual and monthly esti-

mates of current-dollar and real per capita personal income and of population. All estimates in table 8.7 are revised; the estimates in table 2.1 that are revised are shown on lines 4, 11, and 16 of this table.

Tables 2.9 and 8.7 follow.

Table 2.9. Personal Income and Its Disposition
[Months seasonally adjusted at annual rates]

Year and month	Billions of dollars								Disposable personal income			Population (mid-period, thousands) ²	Personal saving as a percentage of disposable personal income
	Personal income	Less: Personal tax and nontax payments	Equals: Disposable personal income	Less: Personal outlays				Equals: Personal saving	Total, billions of chained (1996) dollars ¹	Per capita			
				Total	Personal consumption expenditures	Interest paid by persons	Personal transfer payments to the rest of the world (net)			Current dollars	Chained (1996) dollars ¹		
1990	4,903.2	609.6	4,293.6	3,959.3	3,831.5	115.8	12.0	334.3	5,014.2	17,176	20,058	249,983	7.8
1991	5,085.4	610.5	4,474.8	4,103.2	3,971.2	118.9	13.0	371.7	5,033.0	17,669	19,873	253,253	8.3
1992	5,390.4	635.8	4,754.6	4,340.9	4,209.7	118.7	12.5	413.7	5,189.3	18,527	20,220	256,634	8.7
1993	5,610.0	674.6	4,935.3	4,584.5	4,454.7	115.4	14.4	350.8	5,261.3	18,981	20,235	260,011	7.1
1994	5,888.0	722.6	5,165.4	4,849.9	4,716.4	117.9	15.6	315.5	5,397.2	19,626	20,507	263,194	6.1
1995	6,200.9	778.3	5,422.6	5,120.2	4,969.0	134.7	16.5	302.4	5,539.1	20,361	20,798	266,327	5.6
1996	6,547.4	869.7	5,677.7	5,405.6	5,237.5	149.9	18.2	272.1	5,677.7	21,072	21,072	269,448	4.8
1997	6,937.0	968.8	5,968.2	5,715.3	5,529.3	164.8	21.2	252.9	5,854.5	21,887	21,470	272,687	4.2
1998	7,426.0	1,070.4	6,355.6	6,054.1	5,856.0	173.7	24.3	301.5	6,168.6	23,037	22,359	275,891	4.7
1999	7,786.5	1,159.1	6,627.4	6,453.3	6,246.5	179.5	27.3	174.0	6,328.4	23,749	22,678	279,062	2.6
2000	8,406.6	1,286.4	7,120.2	6,918.6	6,683.7	205.4	29.5	201.5	6,630.3	25,237	23,501	282,128	2.8
2001	8,685.3	1,292.1	7,393.2	7,223.5	6,987.0	205.4	31.1	169.7	6,748.0	25,957	23,692	284,822	2.3
1990													
January	4,766.4	590.3	4,176.2	3,871.2	3,747.5	111.9	11.8	305.0	4,988.3	16,789	20,054	248,743	7.3
February	4,807.4	596.9	4,210.5	3,868.5	3,744.2	112.5	11.8	341.9	5,008.3	16,915	20,120	248,920	8.1
March	4,828.7	599.9	4,228.8	3,897.9	3,772.7	113.4	11.8	330.8	5,008.0	16,973	20,101	249,146	7.8
April	4,865.1	603.5	4,261.6	3,916.9	3,791.6	113.7	11.6	344.7	5,032.0	17,088	20,178	249,384	8.1
May	4,869.6	606.6	4,263.1	3,924.5	3,798.5	114.4	11.6	338.6	5,019.6	17,091	20,124	249,436	7.9
June	4,903.1	612.6	4,290.5	3,955.7	3,828.6	115.5	11.6	334.8	5,028.1	17,182	20,136	249,707	7.8
July	4,935.0	616.2	4,318.9	3,975.1	3,846.4	116.4	12.3	343.7	5,047.4	17,276	20,190	249,990	8.0
August	4,943.9	615.8	4,328.1	4,002.1	3,872.8	117.0	12.3	326.0	5,025.3	17,293	20,078	250,285	7.5
September	4,975.4	620.1	4,355.3	4,025.9	3,895.6	117.9	12.3	329.5	5,025.4	17,380	20,054	250,595	7.6
October	4,967.8	616.6	4,351.1	4,024.8	3,893.9	118.6	12.3	326.3	4,990.7	17,342	19,891	250,904	7.5
November	4,977.3	616.9	4,360.4	4,028.4	3,897.3	118.9	12.3	332.0	4,992.3	17,358	19,874	251,201	7.6
December	4,999.3	620.4	4,378.9	4,020.3	3,889.2	118.8	12.3	358.6	5,004.5	17,412	19,900	251,486	8.2
1991													
January	4,987.9	601.8	4,386.1	4,004.8	3,873.6	118.4	12.8	381.2	4,990.3	17,422	19,822	251,758	8.7
February	4,999.4	599.7	4,399.8	4,029.4	3,898.2	118.3	12.8	370.4	4,999.0	17,458	19,836	252,012	8.4
March	5,012.3	600.8	4,411.5	4,073.6	3,942.0	118.8	12.8	337.9	5,009.5	17,488	19,859	252,253	7.7
April	5,038.6	604.3	4,434.2	4,070.9	3,939.3	118.7	12.9	363.3	5,023.8	17,561	19,896	252,507	8.2
May	5,059.0	605.2	4,453.8	4,097.2	3,965.3	119.1	12.9	356.6	5,024.9	17,619	19,879	252,778	8.0
June	5,094.6	610.0	4,484.6	4,103.3	3,971.1	119.3	12.9	381.3	5,051.3	17,721	19,961	253,060	8.5
July	5,089.8	608.0	4,481.8	4,124.4	3,992.7	118.8	13.0	357.4	5,040.9	17,690	19,897	253,350	8.0
August	5,105.3	609.9	4,495.4	4,126.0	3,994.1	119.0	13.0	369.4	5,044.2	17,723	19,886	253,650	8.2
September	5,135.3	616.9	4,518.3	4,140.1	4,008.0	119.2	13.0	378.2	5,051.1	17,791	19,889	253,966	8.4
October	5,135.4	618.8	4,516.6	4,131.4	3,999.1	118.9	13.4	385.2	5,038.7	17,762	19,816	254,280	8.5
November	5,156.5	622.2	4,534.3	4,161.3	4,028.9	119.0	13.4	373.1	5,043.6	17,811	19,812	254,576	8.2
December	5,210.2	628.7	4,581.5	4,175.4	4,042.7	119.3	13.4	406.1	5,079.0	17,978	19,930	254,841	8.9
1992													
January	5,241.1	607.8	4,633.3	4,240.4	4,108.5	119.6	12.4	392.9	5,122.7	18,164	20,082	255,089	8.5
February	5,284.5	616.0	4,668.5	4,254.1	4,121.7	120.1	12.4	414.3	5,145.2	18,284	20,151	255,331	8.9
March	5,304.8	620.4	4,684.3	4,271.5	4,139.2	119.9	12.4	412.9	5,148.7	18,329	20,145	255,576	8.8
April	5,330.0	624.4	4,705.6	4,280.7	4,149.0	119.1	12.6	424.9	5,160.1	18,392	20,169	255,848	9.0
May	5,355.3	627.6	4,727.7	4,305.8	4,174.4	118.9	12.6	421.9	5,176.6	18,458	20,210	256,139	8.9
June	5,371.3	629.9	4,741.4	4,322.3	4,191.0	118.7	12.6	419.1	5,180.8	18,489	20,203	256,437	8.8
July	5,383.5	633.3	4,750.2	4,348.7	4,218.4	118.0	12.3	401.5	5,172.0	18,502	20,145	256,742	8.5
August	5,373.4	639.5	4,733.9	4,323.4	4,192.9	118.3	12.3	410.5	5,167.1	18,415	20,100	257,063	8.7
September	5,415.2	641.1	4,774.1	4,396.6	4,265.8	118.5	12.3	377.5	5,183.6	18,548	20,139	257,390	7.9
October	5,464.0	646.2	4,817.8	4,427.6	4,296.7	118.1	12.9	390.2	5,213.7	18,695	20,231	257,704	8.1
November	5,484.3	652.4	4,831.9	4,443.5	4,312.9	117.8	12.9	388.4	5,220.1	18,728	20,233	258,004	8.0
December	5,677.1	690.6	4,986.5	4,476.2	4,345.4	117.9	12.9	510.3	5,380.3	19,307	20,831	258,280	10.2

See footnotes at end of table.

Table 8.7. Selected Per Capita Product and Income Series in Current and Chained Dollars
[Dollars]

Line	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	Seasonally adjusted at annual rates				
													1990				
													I	II	III	IV	
Current dollars:																	
Gross domestic product...	1	23,215	23,637	24,622	25,546	26,803	27,787	28,997	30,505	31,830	33,234	34,823	35,398	22,981	23,246	23,353	23,278
Gross national product....	2	23,330	23,735	24,714	25,640	26,867	27,864	29,064	30,531	31,817	33,315	34,906	35,475	23,080	23,349	23,437	23,454
Personal income.....	3	19,614	20,080	21,004	21,576	22,372	23,283	24,299	25,439	26,917	27,902	29,797	30,494	19,285	19,556	19,783	19,831
Disposable personal income.....	4	17,176	17,669	18,527	18,981	19,626	20,361	21,072	21,887	23,037	23,749	25,237	25,957	16,892	17,120	17,316	17,371
Personal consumption expenditures.....	5	15,327	15,681	16,403	17,133	17,920	18,657	19,438	20,277	21,226	22,384	23,690	24,531	15,083	15,255	15,468	15,500
Durable goods.....	6	1,871	1,749	1,834	1,975	2,131	2,214	2,288	2,356	2,513	2,709	2,849	2,935	1,954	1,881	1,853	1,796
Nondurable goods.....	7	4,985	5,050	5,155	5,289	5,464	5,622	5,842	6,020	6,193	6,558	6,993	7,167	4,908	4,943	5,028	5,059
Services.....	8	8,472	8,882	9,414	9,869	10,326	10,821	11,308	11,901	12,520	13,117	13,848	14,430	8,222	8,432	8,587	8,645
Chained (1996) dollars:																	
Gross domestic product...	9	26,834	26,363	26,809	27,163	27,918	28,325	28,997	29,922	30,842	31,746	32,579	32,352	26,980	26,980	26,846	26,530
Gross national product....	10	26,962	26,469	26,909	27,260	27,981	28,401	29,064	29,954	30,840	31,834	32,667	32,432	27,090	27,096	26,939	26,725
Personal income.....	11	20,058	19,873	20,220	20,235	20,507	20,798	21,072	21,470	22,359	22,678	23,501	23,692	20,092	20,146	20,107	19,888
Personal consumption expenditures.....	12	17,899	17,637	17,903	18,264	18,724	19,058	19,438	19,891	20,601	21,373	22,061	22,390	17,940	17,950	17,962	17,746
Durable goods.....	13	1,948	1,796	1,866	1,993	2,119	2,191	2,288	2,411	2,634	2,912	3,115	3,272	2,036	1,961	1,932	1,866
Nondurable goods.....	14	5,479	5,386	5,415	5,501	5,642	5,741	5,842	5,940	6,113	6,325	6,500	6,565	5,504	5,501	5,497	5,413
Services.....	15	10,466	10,471	10,637	10,778	10,966	11,127	11,308	11,541	11,865	12,167	12,493	12,622	10,376	10,480	10,531	10,474
Population (mid-period, thousands).....	16	249,983	253,253	256,634	260,011	263,194	266,327	269,448	272,687	275,891	279,062	282,128	284,822	248,936	249,509	250,290	251,197

Line	Seasonally adjusted at annual rates																
	1991				1992				1993				1994				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Current dollars:																	
Gross domestic product...	1	23,358	23,586	23,717	23,886	24,218	24,504	24,685	25,077	25,200	25,416	25,557	26,008	26,288	26,701	26,922	27,296
Gross national product....	2	23,488	23,671	23,788	23,989	24,316	24,600	24,769	25,165	25,318	25,508	25,671	26,060	26,366	26,764	26,979	27,352
Personal income.....	3	19,840	20,033	20,146	20,299	20,666	20,895	20,970	21,480	21,120	21,557	21,621	22,001	21,807	22,305	22,518	22,851
Disposable personal income.....	4	17,456	17,634	17,735	17,851	18,259	18,446	18,488	18,910	18,632	18,972	19,003	19,315	19,152	19,519	19,770	20,058
Personal consumption expenditures.....	5	15,494	15,660	15,763	15,806	16,148	16,286	16,438	16,738	16,811	17,034	17,235	17,447	17,609	17,802	18,032	18,233
Durable goods.....	6	1,743	1,746	1,770	1,738	1,798	1,809	1,845	1,886	1,884	1,955	2,000	2,059	2,085	2,107	2,137	2,194
Nondurable goods.....	7	5,031	5,068	5,066	5,034	5,112	5,111	5,158	5,238	5,239	5,280	5,298	5,339	5,380	5,424	5,501	5,549
Services.....	8	8,720	8,846	8,927	9,033	9,239	9,366	9,435	9,614	9,689	9,799	9,937	10,049	10,144	10,271	10,395	10,491
Chained (1996) dollars:																	
Gross domestic product...	9	26,314	26,381	26,354	26,401	26,567	26,730	26,840	27,096	27,005	27,090	27,119	27,436	27,591	27,898	27,962	28,217
Gross national product....	10	26,457	26,474	26,432	26,514	26,675	26,836	26,932	27,191	27,129	27,185	27,235	27,488	27,669	27,959	28,018	28,273
Personal income.....	11	19,839	19,912	19,891	19,853	20,126	20,194	20,128	20,432	20,020	20,261	20,225	20,432	20,202	20,480	20,567	20,775
Personal consumption expenditures.....	12	17,609	17,683	17,679	17,578	17,800	17,829	17,896	18,085	18,064	18,191	18,343	18,456	18,573	18,679	18,759	18,885
Durable goods.....	13	1,796	1,796	1,814	1,779	1,836	1,840	1,875	1,914	1,914	1,978	2,015	2,066	2,087	2,100	2,116	2,172
Nondurable goods.....	14	5,392	5,415	5,399	5,338	5,409	5,384	5,400	5,466	5,449	5,492	5,523	5,540	5,592	5,624	5,656	5,697
Services.....	15	10,435	10,488	10,480	10,482	10,570	10,623	10,636	10,717	10,714	10,730	10,814	10,855	10,898	10,959	10,990	11,016
Population (mid-period, thousands).....	16	252,008	252,782	253,655	254,566	255,332	256,141	257,065	257,996	258,793	259,551	260,412	261,286	262,018	262,753	263,581	264,423

See note at end of table.

Table 8.7. Selected Per Capita Product and Income Series in Current and Chained Dollars—Continued
[Dollars]

Line	Seasonally adjusted at annual rates																
	1995				1996				1997				1998				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Current dollars:																	
Gross domestic product..	1	27,522	27,616	27,869	28,139	28,441	28,934	29,126	29,482	29,926	30,416	30,727	30,946	31,405	31,576	31,913	32,419
Gross national product....	2	27,602	27,711	27,911	28,227	28,541	28,999	29,169	29,542	29,955	30,460	30,752	30,953	31,430	31,587	31,861	32,386
Personal income.....	3	23,043	23,181	23,344	23,562	23,877	24,200	24,450	24,667	25,021	25,271	25,555	25,907	26,408	26,804	27,114	27,336
Disposable personal income.....	4	20,207	20,245	20,414	20,574	20,780	20,956	21,198	21,349	21,576	21,763	21,971	22,234	22,644	22,972	23,191	23,336
Personal consumption expenditures.....	5	18,362	18,594	18,767	18,905	19,125	19,399	19,508	19,717	20,002	20,097	20,419	20,588	20,821	21,130	21,338	21,611
Durable goods.....	6	2,180	2,198	2,236	2,242	2,261	2,310	2,286	2,296	2,339	2,294	2,389	2,403	2,427	2,503	2,504	2,617
Nondurable goods.....	7	5,566	5,612	5,634	5,675	5,739	5,834	5,851	5,941	5,993	5,978	6,054	6,055	6,100	6,162	6,214	6,294
Services.....	8	10,615	10,783	10,897	10,987	11,125	11,255	11,371	11,480	11,670	11,826	11,976	12,130	12,293	12,466	12,621	12,700
Chained (1996) dollars:																	
Gross domestic product..	9	28,243	28,221	28,351	28,485	28,616	29,009	29,063	29,297	29,529	29,873	30,089	30,195	30,563	30,653	30,870	31,277
Gross national product....	10	28,324	28,316	28,392	28,572	28,715	29,074	29,106	29,358	29,561	29,923	30,120	30,210	30,596	30,674	30,831	31,256
Disposable personal income.....	11	20,801	20,720	20,797	20,874	20,957	21,003	21,160	21,165	21,261	21,385	21,522	21,708	22,075	22,341	22,478	22,540
Personal consumption expenditures.....	12	18,901	19,030	19,119	19,180	19,288	19,442	19,473	19,547	19,710	19,748	20,002	20,100	20,298	20,550	20,682	20,873
Durable goods.....	13	2,151	2,172	2,215	2,226	2,243	2,306	2,291	2,311	2,363	2,338	2,455	2,485	2,521	2,613	2,632	2,769
Nondurable goods.....	14	5,711	5,737	5,743	5,773	5,792	5,836	5,850	5,888	5,914	5,908	5,975	5,964	6,029	6,101	6,130	6,190
Services.....	15	11,040	11,123	11,162	11,182	11,253	11,299	11,332	11,348	11,433	11,500	11,574	11,654	11,751	11,844	11,928	11,935
Population (mid-period, thousands).....	16	265,154	265,879	266,704	267,573	268,261	268,984	269,826	270,721	271,472	272,216	273,079	273,980	274,725	275,437	276,269	277,134

Line	Seasonally adjusted at annual rates															
	1999				2000				2001				2002			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	
Current dollars:																
Gross domestic product..	1	32,722	32,922	33,339	33,947	34,330	34,855	34,958	35,147	35,336	35,332	35,412	35,512	35,996	36,147	36,439
Gross national product....	2	32,793	33,009	33,400	34,053	34,405	34,946	35,021	35,250	35,371	35,441	35,452	35,636	36,002	36,077	36,439
Personal income.....	3	27,551	27,719	27,940	28,396	29,215	29,636	30,048	30,284	30,508	30,502	30,531	30,434	30,727	31,050	31,248
Disposable personal income.....	4	23,500	23,620	23,763	24,109	24,745	25,118	25,447	25,635	25,785	25,805	26,387	25,853	26,759	27,124	27,364
Personal consumption expenditures.....	5	21,868	22,239	22,542	22,882	23,311	23,562	23,847	24,039	24,330	24,468	24,491	24,834	25,040	25,271	25,591
Durable goods.....	6	2,622	2,692	2,738	2,782	2,876	2,837	2,870	2,815	2,878	2,884	2,890	3,087	2,998	2,985	3,119
Nondurable goods.....	7	6,381	6,513	6,589	6,748	6,855	6,974	7,041	7,101	7,158	7,189	7,169	7,151	7,278	7,344	7,361
Services.....	8	12,864	13,035	13,216	13,352	13,579	13,751	13,936	14,123	14,293	14,396	14,432	14,596	14,765	14,942	15,111
Chained (1996) dollars:																
Gross domestic product..	9	31,428	31,500	31,802	32,248	32,366	32,672	32,635	32,640	32,523	32,320	32,216	32,350	32,681	32,718	32,892
Gross national product....	10	31,508	31,594	31,871	32,359	32,446	32,769	32,704	32,747	32,565	32,429	32,263	32,471	32,696	32,663	32,892
Disposable personal income.....	11	22,630	22,618	22,634	22,828	23,234	23,451	23,637	23,680	23,624	23,537	24,071	23,537	24,296	24,461	24,564
Personal consumption expenditures.....	12	21,057	21,296	21,471	21,666	21,887	21,998	22,150	22,206	22,291	22,317	22,342	22,609	22,735	22,790	22,973
Durable goods.....	13	2,798	2,887	2,949	3,012	3,129	3,093	3,145	3,095	3,173	3,208	3,236	3,470	3,406	3,416	3,586
Nondurable goods.....	14	6,247	6,306	6,326	6,421	6,438	6,501	6,517	6,543	6,567	6,547	6,552	6,593	6,706	6,691	6,697
Services.....	15	12,032	12,132	12,229	12,274	12,373	12,451	12,538	12,608	12,602	12,619	12,616	12,650	12,712	12,771	12,812
Population (mid-period, thousands).....	16	277,881	278,589	279,449	280,328	281,076	281,758	282,476	283,202	283,794	284,442	285,154	285,898	286,507	287,072	287,770

Note. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of the Census.

Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income

New Estimates for 2000 Revised Estimates for 1999

By *Thae S. Park*

THIS article presents a comparison of the Bureau of Economic Analysis (BEA) measure of personal income and the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) of individuals by type of income. It explains the major definitional and statistical differences between the two measures, describes some uses of the measures, and presents a partial reconciliation of the measures that is prepared by converting the BEA measure of personal income by type of income to the same definitional basis as the IRS measure. It also discusses the sources of the “AGI gap”—the unexplained difference that remains between the estimates of the BEA AGI and the IRS AGI—the AGI gap for 1959–2000, and the sources of the revision to the AGI gap for 1999.¹

The BEA measure of personal income and the IRS measure of AGI are both widely used measures of household income. Personal income, which is prepared as an integral part of the national income and product accounts (NIPAs), is often used in assessing trends in output, consumer spending, saving, and investment. AGI, which is an income concept used for Federal income tax, is often used as an input in the estimation of individual income tax revenue and the income tax burden of households.

Personal income is the income received by persons from all sources—that is, from participation in production, from both government and business transfer payments, and from government interest (which is treated like a transfer payment). “Persons” consists of

individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds, and private trust funds. Personal income is calculated as the sum of wage and salary disbursements, other labor income, proprietors’ income with inventory valuation and capital consumption adjustments, rental income of persons with capital consumption adjustment, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance.²

AGI is the Federal income tax concept closest to net income. It approximates income less the costs of producing income. In general, gross income for Federal income tax purposes includes all income that is received in the form of money, property, and services that is not explicitly exempt from taxation. Explicitly exempt income includes the cost basis of pension, annuity, or individual retirement account distributions; tax-exempt interest; part of social security and railroad retirement benefits; part of qualified foreign earned income; and part of the gain from sale of principal residence. For 2000, the allowable adjustments to gross income to derive AGI included the deduction for one-half of self-employment tax, contributions to self-employed retirement plans, contributions to individual retirement accounts, alimony paid, and other adjustments.³

In general, personal income is a more comprehen-

1. Annual and quarterly estimates of personal income are published monthly in table 2.1 of the national income and product accounts (NIPAs) in the section “BEA Current and Historical Data” of the SURVEY OF CURRENT BUSINESS (monthly estimates are shown in table B.1). Estimates of IRS AGI are published annually in *Statistics of Income—Individual Income Tax Returns*. The estimates of the relationship between total personal income and total AGI are presented annually in NIPA table 8.28, most recently for 1998–2000 on page 21 of the September 2002 SURVEY. All the estimates are available on BEA’s Web site at <www.bea.gov>. The reconciliation by type of income for 1959–98 is available on request; for information, write to the Government Division (BE-57), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

2. See U.S. Bureau of Economic Analysis, *National Income and Product Accounts of the United States, 1929–97: Volume 1* (Washington, DC: U.S. Government Printing Office, September 2001): M–8.

3. Other adjustments include student-loan interest deduction, medical savings account deduction, moving expenses, self-employed health insurance deduction, penalty on early withdrawal of savings, forestation or reforestation expenses, foreign housing exclusion, repayments of supplemental unemployment compensation, certain expenses of qualified performing artists, contributions to section 501(c)(18) pension plans, deduction for clean-fuel vehicles, employee business expenses of fee-basis State or local government officials, certain chaplains’ contributions to section 403(b) plans, and jury duty pay that was repaid to employers and reported as taxable income. On the IRS form 1040 for 2000, the types of income that had to be reported for the calculation of gross income are shown in lines 7 through 21, and allowable adjustments are shown in lines 23 through 32.

sive measure than AGI. It includes income that is generally taxed, such as wages and salaries, rental income, self-employment earnings, dividends, and interest; income that is partly taxed, such as social security benefit payments; and several types of income that are not taxed, such as tax-exempt interest and nontaxable transfer payments, including Medicare, Medicaid, and welfare benefit payments. Personal income includes income independent of whether it is reported to the IRS. Personal income also includes other types of income, such as employer contributions to private and government employee retirement plans, the investment income of these plans, and imputed income related to home ownership. However, personal income excludes net gains from the sale of assets (capital gains), retirement benefits, and personal contributions for social insurance.

Although the two series are based on different concepts and serve different purposes, they are often used jointly. In particular, estimates of personal income, which are available much sooner than AGI, are frequently used as extrapolators for AGI.

The revised estimates for 1999 reflect the incorporation of the results of the annual revision of the NIPA's that was released in July 2002 and of updated estimates of AGI for 1999 from the *Statistics of Income Bulletin*.⁴ The new estimates for 2000 incorporate the newly available IRS estimates of AGI for 2000.

This article is organized into four sections. The first section discusses the derivation of the BEA estimates of AGI and the AGI gap by type of income. The second section discusses the sources of the AGI gap. The third section discusses some specific trends in the AGI gap by type of income for 1959–2000. The fourth section discusses the sources of revision to the AGI gap for 1999.

BEA Estimates of AGI

Personal income and AGI each include items that the other omits, but AGI is more narrowly defined. Tables 1 and 2 show the reconciliation between personal income and AGI by type of income for 1999–2000. In these tables, the reconciliation items that convert personal income to the IRS definition of AGI are shown in three groups.

The first group (lines 3–9) consists of the portion of personal income that is not included in AGI. Most transfer payments to persons from governments and all transfer payments to persons from business are

nontaxable (line 3).⁵ The taxable portion of transfer payments to persons from governments consists primarily of unemployment compensation benefit payments and a portion of social security and railroad retirement benefit payments.

Most of the components of the NIPA category “other labor income” (line 4), primarily so-called fringe benefits, are nontaxable.⁶ The nontaxable components are employer payments (including payments in kind) to private pension and profit-sharing plans, to publicly administered government employee retirement plans, to private group health and life insurance plans, to privately administered workers' compensation plans, and to supplemental unemployment benefit plans. Employer payments are nontaxable, but some benefit payments—such as pension benefit payments (line 13) and supplemental unemployment benefit payments (part of line 15) are taxable. Taxable components of other labor income also include other fees and payments.

In the NIPA's, the investment income of life insurance carriers and pension plans is included in personal income in the year it is accrued. Investment income of life insurance carriers attributed to persons is included in personal interest income.⁷ Investment income of pension plans—rents, dividends, and interest—is recorded as being received directly by persons in the corresponding components of personal income.

The second group of reconciliation items (lines 11–15) consists of the portion of AGI that is excluded from personal income. Personal contributions for social insurance (line 11) includes payments by employees, by the self-employed, and by individuals who participate in the following government programs: Old-age, survivors, and disability insurance (social security), hospital insurance, supplementary medical insurance, unemployment insurance, railroad retirement, veterans life insurance, and temporary disability insurance.⁸

“Gains, net of losses, from sale of property”—capital gains (line 12) — includes net gain from the sale of property held for personal use or for investment (capital assets) and of property of a business nature (business assets).

4. See Eugene P. Seskin and Stephanie H. McCulla, “Annual Revision of the National Income and Product Accounts: Annual Estimates, 1999–2001 and Quarterly Estimates, 1999:I–2002:I,” SURVEY 82 (August 2002): 7–34. For AGI data, see Internal Revenue Service, *Statistics of Income Bulletin* (Washington, DC: U.S. Government Printing Office, Winter 2001–2002).

5. NIPA table 3.12 shows government transfer payments to persons, which include benefit payments from social insurance funds—such as old-age, survivors, and disability insurance (social security), hospital insurance, supplementary medical insurance, and unemployment insurance—and from certain other programs. NIPA table 8.16 shows business transfer payments to persons, which consist primarily of automobile insurance and medical malpractice insurance payments to persons by business and of donations by corporate business to nonprofit institutions serving individuals.

6. NIPA table 6.11C shows other labor income by industry group and by type.

7. See NIPA table 8.20 (line 53).

8. See NIPA table 3.6.

Taxable pension benefit payments from pension plans (line 13), which is in AGI, is excluded from personal income because in the NIPA's, pension benefit payments are treated as transactions within the personal sector.

The third group of reconciliation items (lines 17–21 and 25–27) consists of reallocations among types of income. These reallocations do not affect the total AGI gap, but they affect the AGI gap by type of income. The types of income used for reconciliation purposes in tables 1 and 2 represent the types of income that are common to both personal income and AGI. However, certain types of personal income and of AGI, such as interest distributed by regulated investment companies—mutual funds—(line 20) and partnership income (line 26), are classified differently in the two income measures. These income types are reallocated, when possible, to make the BEA and IRS estimates of

AGI comparable by type of income. The reallocations of personal income types are shown in lines 17–21, and the reallocation of AGI types are shown in lines 25–27.

Taxable interest received by mutual funds is reallocated from NIPA personal interest income to AGI personal dividend income because the IRS requires that this interest be reported as dividends. Only the portion that is taxable to individuals is reallocated; the interest paid by mutual funds to pension plans, IRA and Keogh plans, and holders of State and local government securities is tax-exempt.⁹ Because of the difficulties of allo-

9. Estimates of taxable interest received by individuals from mutual funds are primarily based on IRS tabulations of U.S. Income Tax Return for Regulated Investment Companies (form 1120 RIC). The form 1120 RIC distributions are adjusted for distributions currently not taxable to individuals using the mutual fund shares from the Federal Reserve Board. For more information on the reconciliation items in tables 1 and 2, see Thae S. Park, "Comparison of BEA Estimates of Personal Income and IRS Estimates of Adjusted Gross Income," SURVEY 80 (February 2000): 18.

Table 1. Comparison of Personal Income with AGI by Type of Income, 1999
[Billions of dollars]

Line		Personal income										Income not included in personal income	
		Total	Wage and salary disbursements	Proprietors' income with IVA and CCAAdj		Rental income of persons with CCAAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits ¹		Other personal income ²
				Farm	Nonfarm								
1	Personal income	7,786.5	4,470.4	27.7	650.7	149.1	328.0	969.2	3.0	20.7	82.0	1,085.6	0.0
2	Less: Portion of personal income not included in adjusted gross income.....	2,726.5	108.4	5.2	1.7	110.8	246.2	777.4	0.0	0.0	0.0	1,420.1	56.7
3	Nontaxable transfer payments	911.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	911.8	0.0
4	Other labor income except fees	507.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	507.4	0.0
5	Imputed income in personal income ⁴	343.5	11.4	0.5	7.7	90.2	0.0	233.8	0.0	0.0	0.0	0.0	0.0
6	Investment income retained by life insurance carriers and pension plans ⁵	431.2	0.0	0.0	0.0	1.3	51.3	378.5	0.0	0.0	0.0	0.0	0.0
7	Investment income received by nonprofit institutions or retained by fiduciaries.....	68.8	0.0	0.0	0.4	6.7	20.8	40.0	0.0	0.0	0.0	0.8	0.0
8	Differences in accounting treatment between NIPA's and tax regulations, net.....	101.6	0.0	4.8	-6.4	12.6	18.0	72.6	0.0	0.0	0.0	0.0	0.0
9	Other personal income exempt or excluded from adjusted gross income.....	362.3	97.0	0.0	0.0	0.0	156.1	52.5	0.0	0.0	0.0	0.0	⁶ 56.7
10	Plus: Portion of adjusted gross income not included in personal income.....	1,502.5	22.3	0.0	4.1	3.1	0.0	0.0	383.3	0.0	0.0	336.4	753.3
11	Personal contributions for social insurance.....	337.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	337.4	0.0
12	Gains, net of losses, from sale of property	541.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	541.0
13	Taxable pensions ⁷	383.3	0.0	0.0	0.0	0.0	0.0	0.0	383.3	0.0	0.0	0.0	0.0
14	Small business corporation income.....	127.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.4
15	Other types of income	113.3	22.3	0.0	4.1	3.1	0.0	0.0	0.0	0.0	0.0	-1.0	84.8
16	Plus: Reallocation by type of NIPA income		10.9		-0.8		48.3	-48.3	-8.1			-1.9	
17	Fees in other labor income	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	0.0
18	Fiduciaries' share of partnership income ⁸	0.0	0.0	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
19	Interest received by nonfarm proprietors	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Interest distributed by regulated investment companies	0.0	0.0	0.0	0.0	0.0	48.3	-48.3	0.0	0.0	0.0	0.0	0.0
21	Taxable disability income payments.....	0.0	8.1	0.0	0.0	0.0	0.0	0.0	-8.1	0.0	0.0	0.0	0.0
22	Equals: BEA-derived adjusted gross income	6,562.4	4,395.2	22.5	652.2	41.4	130.1	143.5	378.1	20.7	82.0	0.0	696.6
23	Adjusted gross income of IRS (as reported).....	5,855.5	4,132.5	-6.2	208.4	25.6	132.5	175.7	304.3	17.5	75.1	93.6	696.6
24	Plus: Reallocation by type of IRS income			0.5	86.5	6.6						-93.6	
25	Estate or trust income	0.0	0.0	0.0	3.3	6.6	0.0	0.0	0.0	0.0	0.0	-9.9	0.0
26	Partnership income	0.0	0.0	0.5	83.2	0.0	0.0	0.0	0.0	0.0	0.0	-83.7	0.0
27	Other reallocations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Adjusted gross income of IRS (reallocated)	5,855.5	4,132.5	-5.8	294.9	32.2	132.5	175.7	304.3	17.5	75.1	0.0	696.6
29	Adjusted gross income gap (line 22 - line 28)	707.0	262.7	28.3	357.3	9.2	-2.4	-32.2	73.8	3.2	6.9	0.0	0.0
30	Percent distribution of AGI gap	100.0	37.2	4.0	50.5	1.3	-0.3	-4.6	10.4	0.5	1.0		
31	Relative AGI gap ⁹	10.8	6.0	125.7	54.8	22.2	-1.8	-22.4	19.5	15.5	8.4		
32	Addendum: Misreporting adjustments included in personal income.....	370.1	103.8		278.5	1.3		-13.5					

See the footnotes at the end of table 2.

cating total interest paid by regulated investment companies to these categories, this estimate of the amount reallocated from interest to dividends is an approximation; the separate estimates of BEA-derived AGI for interest and for dividends are therefore less reliable than the combined estimates.

Partnership income as reported in AGI requires a reallocation by type of income. The current-production income (including income in kind) of sole proprietorships and partnerships and of tax-exempt cooperatives is classified either as farm proprietors' income or as nonfarm proprietors' income for reconciliation purposes.

The AGI Gap

The estimates of the BEA-derived AGI differ significantly from the IRS estimates of AGI. The "AGI gap" is defined as the difference between the total BEA-derived AGI (line 22) and total IRS AGI (line 23), and the AGI gap for each type of income (line 29) is the difference between the BEA-derived AGI for that type of income (line 22) and the reallocated IRS AGI for that type of income (line 28). The percent distribution of the AGI gap by type of income is shown in line 30, and the relative AGI gap for each type of income, which is the AGI gap for that type of income (line 29) as a per-

Table 2. Comparison of Personal Income with AGI by Type of Income, 2000
[Billions of dollars]

Line		Personal income										Income not included in personal income	
		Total	Wage and salary disbursements	Proprietors' income with IVA and CCAAdj		Rental income of persons with CCAAdj	Personal dividend income	Personal interest income	Taxable pensions and annuities	Taxable unemployment compensation	Taxable social security benefits ¹		Other personal income ²
				Farm	Nonfarm								
1	Personal income	8,406.6	4,836.3	22.6	692.2	146.6	375.7	1,077.0	3.0	21.1	98.9	1,133.1	0.0
2	Less: Portion of personal income not included in adjusted gross income	2,895.0	119.7	7.2	-4.0	112.9	271.3	842.9	0.0	0.0	0.0	1,488.4	56.6
3	Nontaxable transfer payments	946.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	946.2	0.0
4	Other labor income except fees	541.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	541.3	0.0
5	Imputed income in personal income ⁴	370.6	11.8	0.5	8.1	92.1	0.0	258.1	0.0	0.0	0.0	0.0	0.0
6	Investment income retained by life insurance carriers and pension plans ⁵	469.6	0.0	0.0	0.0	1.3	59.4	408.8	0.0	0.0	0.0	0.0	0.0
7	Investment income received by nonprofit institutions or retained by fiduciaries	66.0	0.0	0.0	0.4	6.2	19.2	39.2	0.0	0.0	0.0	0.8	0.0
8	Differences in accounting treatment between NIPA's and tax regulations, net	107.2	0.0	6.7	-12.6	13.2	17.3	82.6	0.0	0.0	0.0	0.0	0.0
9	Other personal income exempt or excluded from adjusted gross income	394.1	107.9	0.0	0.0	0.0	175.4	54.2	0.0	0.0	0.0	0.0	⁶ 56.6
10	Plus: Portion of adjusted gross income not included in personal income	1,610.8	23.8	0.0	4.4	3.3	0.0	0.0	412.8	0.0	0.0	357.2	809.4
11	Personal contributions for social insurance	358.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	358.4	0.0
12	Gains, net of losses, from sale of property	573.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	573.6
13	Taxable pensions ⁷	412.8	0.0	0.0	0.0	0.0	0.0	0.0	412.8	0.0	0.0	0.0	0.0
14	Small business corporation income	119.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.8
15	Other types of income	146.3	23.8	0.0	4.4	3.3	0.0	0.0	0.0	0.0	0.0	-1.1	115.9
16	Plus: Reallocation by type of NIPA income		11.1		-0.8		61.7	-61.7	-8.3			-2.0	
17	Fees in other labor income	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	0.0
18	Fiduciaries' share of partnership income ⁸	0.0	0.0	0.0	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
19	Interest received by nonfarm proprietors	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	Interest distributed by regulated investment companies	0.0	0.0	0.0	0.0	0.0	61.7	-61.7	0.0	0.0	0.0	0.0	0.0
21	Taxable disability income payments	0.0	8.3	0.0	0.0	0.0	0.0	0.0	-8.3	0.0	0.0	0.0	0.0
22	Equals: BEA-derived adjusted gross income	7,122.4	4,751.6	15.3	699.8	37.0	166.1	172.4	407.5	21.1	98.9	0.0	752.8
23	Adjusted gross income of IRS (as reported)	6,330.6	4,494.5	-8.2	207.2	28.1	142.2	185.3	331.5	17.0	91.6	88.5	752.8
24	Plus: Reallocation by type of IRS income				82.1	6.4		0.0				-88.5	
25	Estate or trust income	0.0	0.0	0.0	3.4	6.4	0.0	0.0	0.0	0.0	0.0	-9.9	0.0
26	Partnership income	0.0	0.0	0.0	78.7	0.0	0.0	0.0	0.0	0.0	0.0	-78.7	0.0
27	Other reallocations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Adjusted gross income of IRS (reallocated)	6,330.6	4,494.5	-8.2	289.4	34.5	142.2	185.3	331.5	17.0	91.6	0.0	752.8
29	Adjusted gross income gap (line 22 - line 28)	791.9	257.1	23.5	410.5	2.5	23.9	-12.9	76.0	4.1	7.3	0.0	0.0
30	Percent distribution of AGI gap	100.0	32.5	3.0	51.8	0.3	3.0	-1.6	9.6	0.5	0.9		
31	Relative AGI gap ⁹	11.1	5.4	153.2	58.7	6.7	14.4	-7.5	18.7	19.5	7.4		
32	Addendum: Misreporting adjustments included in personal income	401.4	112.9		303.5	1.4		-16.3					

1. Taxable social security benefits also include the social security equivalent benefit portion of tier 1 railroad retirement benefits.

2. Consists primarily of other labor income and the nontaxable transfer payments to persons, less personal contributions for social insurance.

3. Consists of tier 2 railroad retirement benefits that are taxed in the same manner as benefits paid under private employer retirement plans.

4. Consists of the imputations included in personal income shown in NIPA table 8.21 (line 53), except for employer contributions for health and life insurance premiums (line 146). In this table, these premiums are included in line 4.

5. Consists of imputed interest received by persons from life insurance carriers shown in NIPA table 8.20 (line 53) and investment income of private and government employee pension plans.

6. Statutory adjustments or specific adjustments ("above-the-line deductions") from total income taken to

arrive at AGI.

7. Consists of the taxable portion of private and government employee retirement plan benefit payments.

8. Consists of partnership income retained by fiduciaries.

9. Adjusted gross income gap (line 29) as a percentage of the BEA-derived AGI (line 22).

AGI Adjusted gross income

BEA Bureau of Economic Analysis

CCAAdj Capital consumption adjustment

IVA Inventory valuation adjustment

IRS Internal Revenue Service

NIPA's National income and product accounts

centage of the BEA-derived AGI for that type of income (line 22), is shown in line 31.

The AGI gap results from several sources. First, the source data used to estimate personal income and its components contain errors, and data are unavailable to estimate some items, such as income earned by individuals who are not required to file income tax returns.¹⁰ Some of the differences between the definitions of personal income and AGI are unknown.

Second, the IRS estimates of total AGI and its components are affected by sampling and measurement errors. The IRS estimates are based on a stratified probability sample of unaudited individual income tax returns that are not adjusted for misreporting (however, the sample returns are edited for consistent statistical definitions and for incorrect or missing entries in order to make them consistent with other entries on the returns and with accompanying schedules).

Third, the estimates of BEA-derived AGI include both explicit and implicit adjustments for tax-return misreporting.¹¹ Explicit adjustments are made for the effects of tax-return misreporting on the source data used to prepare the estimates of wage and salary disbursements, nonfarm proprietors' income, royalty income, and personal interest income (line 32).¹² Implicit adjustments are also embedded in the source data used for some components of personal income because the source data are from Government administrative records other than the individual income-tax return information system. For example, the estimates of wage and salary disbursements are based on tabulations of wages and salaries of employees covered by State unemployment insurance from the Bureau of Labor Statistics, on wages from the Office of Personnel Management, and on wages from a variety of other sources; these estimates are then adjusted for coverage differences. Personal dividend income is based primarily on tabulations of corporate income tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Transfer payments are

10. Although some individuals who are not required to file tax returns do so mostly to secure refunds of withheld income tax or to receive refunds from earned income tax credit or child tax credit, income earned by low-income individuals who are not required to file returns is probably the largest known missing reconciliation item. The filing requirements are generally based on gross income, filing status, marital status, age, and to a lesser extent, on dependency and blindness.

11. The estimates of personal income are mainly based on source data from the payers of the income. AGI data are used only for the estimates of nonfarm sole proprietors' income and royalty payments in rental income of persons. For these components, BEA adjusts for misreporting of tax return information by taxpayers. Thus, the AGI gap for these components largely reflects the explicit misreporting adjustments (line 32 in tables 1 and 2) added to the source data. See "Updated Summary NIPA Methodologies," SURVEY 82 (October 2002): 29–32 and the text on the CD-ROM *State Personal Income, 1929–2000*. Information on methodology is also available on BEA's Web site.

based on budget data from the Federal Government and from State and local governments rather than on individual tax return data.¹³

Fourth, each July, the personal income estimates for the most recent 3 years are revised to incorporate source data that are more complete, more detailed, and otherwise more appropriate than those that were previously incorporated, and every 4–5 years, the estimates for all years are subject to a comprehensive revision that incorporates substantial definitional and statistical changes.¹⁴ The IRS estimates of AGI are based on a sample from all individual income tax returns, except tentative and amended returns, processed during a calendar year.¹⁵ The AGI estimates are intended to represent all the returns filed for a tax liability year from January 1 to December 31, but about 2 to 3 percent of the returns processed in a calendar year are for tax liability years ending other than on December 31 or for previous years. Unlike personal income, AGI estimates are not updated to incorporate newly available data.

12. The major source data for these adjustments were the 1988 Taxpayer Compliance Measurement Program (TCMP) and Census Bureau "exact match" files for 1996. The TCMP provided a measure of noncompliance for individuals who file tax returns. Through the TCMP, the IRS developed noncompliance ratios. Explicit adjustments for misreporting on tax returns for nonfarm proprietors' income were determined by multiplying noncompliance ratios times IRS tabulations of levels of business net income as reported on tax returns. The IRS compiled these net income tabulations annually, but noncompliance ratios have been held constant since 1988, the last year for which there was a TCMP. Exact match studies provided data on persons who did not file income tax returns. Nonfiler adjustments were based on matching information supplied on the annual income supplement of the Current Population Survey (CPS) with individual income tax returns. Respondents who reported income on the CPS but who could not be matched to a tax return were considered nonfilers. The latest nonfiler adjustments were based on Census Bureau tabulations of unreported income from the 1996 Exact Match Study.

For additional information about the calculation of these adjustments, see Robert P. Parker, "Improved Adjustments Misreporting of Tax Return Information Used To Estimate the National Income and Product Accounts, 1977" SURVEY 64 (June 1984): 17–25; "The Comprehensive Revision of the U.S. National Income and Product Accounts: A Review of Revisions and Major Statistical Changes," SURVEY 71 (December 1991): 39–40; "Improved Estimates of the National Income and Product Accounts for 1959–95: Results of the Comprehensive Revision," SURVEY 76 (January/February 1996): 24–25; and Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," SURVEY 81 (August 2001): 27.

13. Information from IRS audit studies shows misreporting of these payments on individual income tax returns.

14. For major improvements that were introduced in the most recent comprehensive revision, see Brent R. Moulton, Robert P. Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts," SURVEY 79 (August 1999): 7–20.

15. According to the IRS, tentative returns, which are mostly estimated returns filed by those who couldn't file their returns by the due date, are excluded from the population because the revised returns may have been sampled later, and amended returns are excluded because the original returns have already been subjected to sampling. A small percentage of returns are not identified as tentative or amended until after sampling; these returns, along with those that contained no income information, are excluded in calculating estimates. For more details, see *Statistics of Income—Individual Income Tax Returns 1998*: 19.

The AGI Gap by Type of Income for 1959–2000

Table 3 shows the estimates of the AGI gap for total income and for each type of income for 1959–2000, and table 4 shows the relative AGI gap for total income and for each type of income for 1959–2000. Over this period, the relative AGI gap for total income averaged about 11 percent, ranging from a low of about 9 percent in the late 1960s to a high of 13 ½ percent in 1984.

By type of income, the relative AGI gap for wage and salary disbursements is the smallest, primarily because income tax withholding at the source is required for most wage and salary disbursements. Over the period, the relative AGI gap for wage and salary disbursements averaged about 3 percent; since the mid-1980s, the trend has been generally upward.

The trends in the relative AGI gaps for nonwage incomes differ (see the addenda in table 4). For nonwage incomes subject to the requirements for filing information returns by employers, the combined relative

AGI gap declined from about 39 percent in 1959 to about 11 percent in 2000.¹⁶ For incomes not subject to the filing requirements (the second addenda item in table 4), the combined relative AGI gap increased from

16. Employers and other payers of income, including partnerships and nonprofit organizations, are required to file information returns with the IRS for certain payments made during the year in the course of the employers' trade or business. Personal dividend income and personal interest income are the primary examples of nonwage incomes subject to the requirements for filing information returns. In recent years, estimating the AGI gap for these types of income has been difficult because the taxable portion of interest received by individuals from mutual funds is reallocated from personal interest income to personal dividend income (line 19 in tables 1 and 2), because the allocation of income received from private noninsured pension plans (part of line 6) between interest and dividends is based on incomplete data, and because some individuals may have inadvertently reported income from mutual funds as interest rather than as dividends on their tax returns. Thus, tables 3 and 4 show the AGI gap for personal dividend and personal interest income combined and the AGI gaps for each of these types of income. Beginning with 1984, taxes have been withheld on taxable pension benefit payments unless the recipient elects not to have the tax withheld and on interest and dividends if the recipient fails to furnish a correct taxpayer identification number or has interest or dividends that were underreported on past returns.

Table 3. The BEA and IRS Measures of AGI and the AGI Gap by Type of Income, 1959–2000
[Billions of dollars]

Year	BEA-derived AGI	IRS AGI	AGI gap	Wage and salary disbursements	Proprietors' income with IVA and CCAdj		Rental income of persons with CCAdj	Personal dividend and personal interest income			Taxable pension and annuities	Taxable unemployment compensation	Taxable social security benefits
					Farm	Nonfarm		Total	Personal dividend income	Personal interest income			
1959	339.1	305.1	34.0	7.7	7.1	9.7	-0.1	7.9	0.8	7.1	1.7	0.0	0.0
1960	351.4	315.5	36.0	8.8	6.4	10.1	0.0	8.7	1.2	7.6	1.9	0.0	0.0
1961	365.8	329.9	36.0	7.5	5.6	11.5	0.4	8.9	1.2	7.7	2.1	0.0	0.0
1962	387.8	348.7	39.1	9.1	6.2	11.8	0.4	9.4	1.2	8.2	2.2	0.0	0.0
1963	409.2	368.8	40.4	8.3	7.0	12.6	0.7	9.4	1.3	8.1	2.4	0.0	0.0
1964	442.2	396.7	45.6	10.2	6.3	14.1	0.8	11.4	2.0	9.5	2.8	0.0	0.0
1965	479.8	429.2	50.6	11.7	7.1	14.2	1.2	13.3	2.3	11.0	3.2	0.0	0.0
1966	521.7	468.5	53.3	13.5	7.3	15.9	1.0	12.0	0.5	11.5	3.5	0.0	0.0
1967	555.4	504.8	50.6	11.0	5.7	16.6	0.9	12.4	0.5	11.9	4.0	0.0	0.0
1968	609.3	554.4	54.9	13.6	5.5	17.0	0.7	13.7	0.9	12.9	4.3	0.0	0.0
1969	663.3	603.5	59.7	12.4	7.7	18.7	0.7	15.2	0.7	14.5	5.0	0.0	0.0
1970	699.3	631.7	67.6	13.1	9.3	20.5	0.9	17.7	1.0	16.7	6.1	0.0	0.0
1971	744.8	673.6	71.2	13.3	8.3	23.7	0.8	18.3	1.4	16.9	7.1	0.0	0.0
1972	825.5	746.0	79.5	10.8	10.9	28.8	1.6	19.2	2.0	17.2	8.2	0.0	0.0
1973	926.1	827.1	99.0	16.4	16.7	32.2	1.5	23.5	3.4	20.1	8.6	0.0	0.0
1974	1,005.4	905.5	99.8	8.8	17.8	38.1	0.4	25.2	2.7	22.5	9.5	0.0	0.0
1975	1,048.0	947.8	100.2	13.6	12.6	42.2	0.1	21.1	1.0	20.0	10.7	0.0	0.0
1976	1,169.1	1,053.9	115.2	13.2	11.7	53.6	-0.4	25.3	3.8	21.5	11.8	0.0	0.0
1977	1,297.6	1,158.5	139.1	19.3	9.9	61.3	1.8	34.5	6.2	28.3	12.3	0.0	0.0
1978	1,469.6	1,302.4	167.1	24.7	13.0	73.5	2.2	38.9	7.3	31.6	14.9	0.0	0.0
1979	1,658.5	1,465.4	193.1	19.7	15.3	84.6	3.9	50.6	9.2	41.4	18.5	0.4	0.0
1980	1,831.6	1,613.7	217.9	21.3	19.6	89.2	7.1	56.5	12.5	44.1	23.4	0.8	0.0
1981	2,016.3	1,772.6	243.7	21.0	21.3	90.5	12.5	68.7	22.4	46.3	28.8	0.9	0.0
1982	2,094.7	1,852.1	242.6	16.5	17.5	95.5	15.5	62.1	18.4	43.7	33.5	2.0	0.0
1983	2,225.7	1,942.6	283.1	23.5	29.5	109.9	15.6	62.7	23.4	39.3	39.3	2.6	0.0
1984	2,473.3	2,139.9	333.4	27.5	28.8	141.4	19.9	62.7	28.9	33.7	47.2	1.3	4.6
1985	2,629.9	2,306.0	323.9	41.8	25.0	147.2	22.4	34.8	22.1	12.7	48.2	1.4	3.2
1986	2,848.3	2,481.7	366.6	55.1	29.5	147.2	19.5	45.3	19.7	25.6	65.7	1.2	3.1
1987	3,125.4	2,773.8	351.6	76.3	32.6	121.6	15.1	45.7	27.5	18.1	55.0	2.6	2.8
1988	3,415.8	3,083.0	332.8	80.0	36.6	122.9	8.3	37.9	23.1	14.8	42.4	1.9	2.8
1989	3,658.6	3,256.4	402.3	108.2	31.0	127.4	3.9	71.6	40.9	30.7	54.8	2.4	3.0
1990	3,813.2	3,405.4	407.8	112.8	28.4	134.4	4.4	67.4	42.0	25.4	54.3	2.8	3.0
1991	3,864.4	3,464.5	399.9	100.4	30.9	139.3	7.4	65.3	43.8	21.5	49.8	3.6	3.2
1992	4,108.3	3,629.1	479.2	127.3	32.4	165.1	12.0	72.9	32.7	40.2	56.6	8.3	4.5
1993	4,260.0	3,723.3	536.7	145.4	39.0	200.5	10.1	71.5	31.6	39.9	56.7	7.3	6.1
1994	4,485.7	3,907.5	578.2	154.3	28.5	223.5	12.7	84.0	50.5	33.5	63.4	3.9	8.0
1995	4,766.4	4,189.4	577.0	162.8	37.3	246.4	15.5	35.9	35.2	0.7	67.7	2.6	8.8
1996	5,151.6	4,536.0	615.6	188.0	32.1	278.1	13.4	24.5	45.4	-20.9	69.2	3.2	7.2
1997	5,594.3	4,970.0	624.3	208.6	30.6	292.9	12.0	0.2	48.4	-48.3	70.4	3.2	6.5
1998	6,123.7	5,416.0	707.7	242.2	26.8	314.3	11.5	36.6	46.5	-9.9	70.9	3.1	2.3
1999	6,562.4	5,855.5	707.0	262.7	28.3	357.3	9.2	-34.5	-2.4	-32.2	73.8	3.2	6.9
2000	7,122.4	6,330.6	791.9	257.1	23.5	410.5	2.5	10.9	23.9	-12.9	76.0	4.1	7.3

AGI Adjusted gross income
BEA Bureau of Economic Analysis
IRS Internal Revenue Service

about 32 percent in 1959 to a high of 80 percent in 1984 and then fell sharply in the late 1980s to about 50 percent. It was 58 percent in 2000.

Sources of the Revision to the AGI Gap for 1999

Table 5 shows the revisions to personal income, reconciliation items, BEA-derived AGI, AGI of IRS, and the AGI gap for 1999. The AGI gap was revised up \$32.2 billion for 1999 (line 29), raising the relative AGI gap by 0.2 percentage point (line 31).

The \$32.2 billion upward revision to the AGI gap reflected an upward revision of \$36.1 billion to the BEA-derived AGI (line 22) that was partly offset by an upward revision of \$3.9 billion to total AGI (line 23).

The \$36.1 billion upward revision to the BEA-derived AGI was attributable to the following: An upward

revision of \$2.9 billion to personal income that was carried through to the BEA-derived AGI, an upward revision of \$6.3 billion to reconciliation items unrelated to personal income, and an upward revision of \$26.9 billion to AGI components.

Of the \$9.2 billion upward revision to personal income (line 1), \$6.3 billion did not carry through to the BEA-derived AGI. These revisions, such as the revisions to other labor income (line 4) and to imputed income (line 5), resulted in offsetting revisions to the reconciliation items that are related to personal income.

The revisions to the reconciliation items unrelated to personal income or to AGI were all carried through to the BEA-derived AGI. Nontaxable transfer payments (line 3) and investment income of life insurance carriers and pension plans (line 6) are examples of

Table 4. The Relative AGI Gap by Type of Income, 1959-2000
(Percent)

Year	Total	Wage and salary disbursements	Proprietors' income with IVA and CCAj		Rental income of persons with CCAj	Personal dividend and personal interest income			Taxable pension and annuities	Taxable unemployment compensation	Taxable social security benefits	Addenda	
			Farm	Nontfarm		Total	Personal dividend income	Personal interest income				The sum of income items except wages, subject to the requirements for filing information returns ¹	The sum of income items not subject to the requirements for filing information returns ²
1959.....	10.0	3.0	68.9	25.6	-2.2	36.5	7.6	61.8	53.3	0.0	0.0	38.6	32.4
1960.....	10.2	3.3	66.1	27.1	1.0	37.4	10.8	60.0	54.1	0.0	0.0	39.6	32.7
1961.....	9.8	2.7	59.0	29.1	10.1	36.3	10.7	57.5	53.5	0.0	0.0	38.7	33.0
1962.....	10.1	3.1	61.5	28.4	9.3	34.5	10.3	53.3	48.5	0.0	0.0	36.5	33.1
1963.....	9.9	2.7	68.0	29.5	17.0	31.2	9.9	46.8	47.4	0.0	0.0	33.6	35.4
1964.....	10.3	3.0	66.6	30.1	19.0	34.1	14.1	48.3	47.2	0.0	0.0	36.1	35.1
1965.....	10.5	3.3	63.8	28.8	25.8	35.5	15.1	49.4	47.0	0.0	0.0	37.2	34.5
1966.....	10.2	3.4	60.6	30.2	21.6	30.7	3.4	46.6	44.0	0.0	0.0	32.9	34.9
1967.....	9.1	2.6	59.3	29.8	19.8	29.9	3.2	44.5	44.2	0.0	0.0	32.4	33.2
1968.....	9.0	2.9	59.2	28.6	15.9	30.0	5.5	43.4	41.8	0.0	0.0	32.2	31.6
1969.....	9.0	2.4	64.6	30.5	15.0	30.1	4.5	42.5	42.1	0.0	0.0	32.4	34.9
1970.....	9.7	2.4	73.0	32.9	19.0	31.9	6.2	43.1	43.5	0.0	0.0	34.2	38.5
1971.....	9.6	2.3	75.5	35.3	15.9	31.2	8.4	40.5	43.2	0.0	0.0	33.8	39.5
1972.....	9.6	1.7	69.1	38.6	25.2	30.2	10.6	38.5	42.8	0.0	0.0	33.2	42.7
1973.....	10.7	2.3	65.7	39.7	20.2	31.6	15.3	38.5	39.5	0.0	0.0	33.4	44.3
1974.....	9.9	1.1	73.8	43.2	6.4	29.5	11.5	36.3	36.2	0.0	0.0	31.0	47.3
1975.....	9.6	1.7	72.7	45.5	1.8	24.4	4.6	31.5	33.9	0.0	0.0	26.9	47.1
1976.....	9.9	1.5	72.2	48.6	-6.8	25.8	13.6	30.7	32.4	0.0	0.0	27.5	48.7
1977.....	10.7	2.0	89.7	49.1	21.8	29.7	18.7	34.1	29.6	0.0	0.0	29.7	50.6
1978.....	11.4	2.2	73.2	51.6	22.9	29.9	19.5	34.0	31.3	0.0	0.0	30.3	52.3
1979.....	11.6	1.6	83.9	54.7	37.0	32.0	21.6	35.9	33.1	30.7	0.0	32.3	56.5
1980.....	11.9	1.6	106.8	57.4	52.5	28.7	24.3	30.2	35.1	27.0	0.0	30.2	61.9
1981.....	12.1	1.4	156.2	62.5	69.6	27.8	32.7	26.0	35.7	27.3	0.0	29.8	70.4
1982.....	11.6	1.0	228.1	64.8	81.1	22.9	26.1	21.8	35.8	21.8	0.0	26.1	73.8
1983.....	12.7	1.4	146.4	64.5	97.1	23.7	32.5	20.4	36.0	27.1	0.0	27.3	75.0
1984.....	13.5	1.5	198.6	68.0	123.7	21.8	37.3	16.1	37.0	17.8	36.7	26.6	79.7
1985.....	12.3	2.1	202.5	66.2	134.2	12.8	28.6	6.5	33.6	17.6	25.0	20.1	77.4
1986.....	12.9	2.6	135.4	64.7	190.6	16.5	24.2	13.2	37.9	15.0	22.6	24.5	75.6
1987.....	11.2	3.4	102.0	51.9	139.4	16.2	29.2	9.7	30.6	17.2	18.1	21.6	61.1
1988.....	9.7	3.3	101.0	45.2	83.4	12.6	23.0	7.4	23.4	13.9	16.4	16.5	52.7
1989.....	11.0	4.2	96.2	44.3	51.2	19.2	33.4	12.2	27.1	16.8	14.6	21.6	49.6
1990.....	10.7	4.2	96.2	43.9	39.7	18.0	34.4	10.1	25.4	15.5	13.2	20.3	48.2
1991.....	10.3	3.6	105.0	44.6	47.9	18.5	36.2	9.3	22.0	13.5	13.1	19.4	49.7
1992.....	11.7	4.3	103.7	46.1	48.5	23.3	29.5	19.9	23.3	21.0	16.2	22.8	50.6
1993.....	12.6	4.8	107.7	50.4	37.4	25.3	28.4	23.3	22.6	21.0	19.9	23.7	54.2
1994.....	12.9	4.8	132.2	51.6	38.7	28.7	38.0	21.0	23.6	16.0	17.2	25.2	54.3
1995.....	12.1	4.8	125.5	53.2	41.6	12.6	27.1	0.5	23.4	11.9	16.2	17.7	56.4
1996.....	12.0	5.3	126.8	54.1	33.8	8.3	30.3	-14.4	22.5	14.3	12.0	15.2	55.9
1997.....	11.2	5.5	126.0	53.6	29.9	0.1	28.7	-39.1	21.3	15.5	9.5	11.3	55.0
1998.....	11.6	5.9	140.5	53.1	28.4	11.0	28.2	-5.9	20.2	15.5	3.3	14.6	54.1
1999.....	10.8	6.0	125.7	54.8	22.2	-12.6	-1.8	-22.4	19.5	15.5	8.4	6.6	55.1
2000.....	11.1	5.4	153.2	58.7	6.7	3.2	14.4	-7.5	18.7	19.5	7.4	11.4	58.0

1. Consists of personal dividend income, personal interest income, taxable pensions, taxable unemployment compensation, and taxable social security benefits. These types of income have been subject to varying degrees of withholding since 1984.

2. Consists of farm proprietors' income, nonfarm proprietors' income, and rental income of persons.

Note: The relative AGI gap is the AGI gap as a percentage of the BEA-derived AGI and is shown in line 31 of

tables 1 and 2.

AGI Adjusted gross income

BEA Bureau of Economic Analysis

CCAj Capital consumption adjustment

reconciliation items unrelated to revision to personal income.¹⁷

Revisions to AGI components (part of line 9 and lines 12, 14, and 15) were all carried through to the BEA-derived AGI. Capital gains and small business corporation income are examples of AGI components that are added, without adjustments, to personal income in the derivation of the BEA-derived AGI.

The \$3.9 billion upward revision to total AGI (line 23), which resulted from the replacement of preliminary tabulations with final tabulations, reflected revisions to all AGI components including the components added, without adjustments, to personal income in the derivation of the BEA-derived AGI.

17. The reconciliation items shown in lines 3, 6, 7, and 9 are components of personal income, but they are derived in aggregate in the estimation of personal income; similarly, several reconciliation items included in line 15 are components of AGI, but they are also derived in aggregate in the estimation of AGI. Separate estimates of these reconciliation items are prepared only for reconciliation purposes. Thus, revisions to the separately estimated reconciliation items are unrelated to the revisions to personal income or to AGI, so they are carried through to the AGI gap.

Table 5. Sources of Revision to the AGI Gap, 1999
[Billions of dollars]

Line ¹		1999
1	Personal income	9.2
2	Less: Portion of personal income not included in adjusted gross income	0.5
3	Nontaxable transfer payments	-5.9
4	Other labor income except fees	0.5
5	Imputed income in personal income	-5.3
6	Investment income retained by life insurance carriers and pension plans	-10.2
7	Investment income received by nonprofit institutions or retained by fiduciaries ..	4.0
8	Differences in accounting treatment between NIPA's and tax regulations, net	12.1
9	Other personal income exempt or excluded from adjusted gross income	5.2
10	Plus: Portion of adjusted gross income not included in personal income	27.4
11	Personal contributions for social insurance	0.3
12	Gains, net of losses, from sale of property	35.6
13	Taxable pensions	-1.7
14	Small business corporation income	6.7
15	Other types of income	-13.5
22	Equals: BEA-derived adjusted gross income	36.1
23	Adjusted gross income of IRS	3.9
29	Adjusted gross income (AGI) gap	32.2
31	Relative AGI gap (percent)	0.2

1. Line numbers in this table correspond to those in table 1.
AGI Adjusted gross income
BEA Bureau of Economic Analysis
IRS Internal Revenue Service
NIPA's National income and product accounts

Federal Personal Income Tax Liabilities and Payments, 1959–2000

The table below presents the estimates of Federal personal income tax liabilities and of Federal personal income tax payments for 1959–2000.¹ The estimates for

1999 are revised, and the estimates for 2000 are new; these estimates reflect the incorporation of the results of this year's annual revision of the national income and product accounts and newly available tax return data from the Internal Revenue Service.

1. For a discussion of the payments series, the derivation and the use of the estimates of tax liabilities, and the sources of the differences between liabilities and payments, see Thae S. Park, "Federal Personal Income Tax Liabilities and Payments, 1959–97," *SURVEY OF CURRENT BUSINESS* 80 (March 2000): 11–14.

For 1999, tax payments exceeded tax liabilities by \$2.5 billion and for 2000, tax payments exceeded tax liabilities by \$9.4 billion. There were no major tax law changes for 1999–2000 that affected tax payments and tax liabilities differently.

Thae S. Park prepared this report.

Federal Personal Income Tax Liabilities and Payments, 1959–2000
[Billions of dollars]

	Federal personal income taxes			Disposable personal income (DPI)	
	Liabilities basis ¹	Payments basis ²	Difference	Alternative DPI with NIPA Federal personal income taxes on a liabilities basis	Published DPI with NIPA Federal personal income taxes on a payments basis ³
1959	39.0	38.5	0.5	350.7	351.2
1960	39.9	41.8	-1.9	368.1	366.2
1961	42.7	42.7	0.0	382.3	382.4
1962	45.4	46.5	-1.1	406.8	405.6
1963	48.8	49.1	-0.3	426.2	425.8
1964	47.8	46.0	1.8	461.2	463.0
1965	50.2	51.1	-0.9	499.8	498.9
1966	56.8	58.6	-1.8	540.9	539.1
1967	63.7	64.4	-0.7	576.9	576.2
1968	77.5	76.4	1.1	625.1	626.2
1969	87.4	91.7	-4.3	679.3	675.0
1970	84.5	88.9	-4.4	740.9	736.5
1971	86.1	85.8	0.3	801.4	801.7
1972	94.3	102.8	-8.5	877.0	868.6
1973	108.9	109.6	-0.7	979.6	979.0
1974	124.4	126.5	-2.1	1,074.3	1,072.3
1975	117.3	120.7	-3.4	1,184.9	1,181.4
1976	142.8	141.2	1.6	1,298.3	1,299.9
1977	161.0	162.2	-1.2	1,437.1	1,436.0
1978	189.6	188.9	0.7	1,614.1	1,614.8
1979	216.1	224.6	-8.5	1,816.8	1,808.2
1980	252.3	250.0	2.3	2,017.4	2,019.8
1981	286.7	290.6	-3.9	2,251.8	2,247.9
1982	280.2	295.0	-14.8	2,421.5	2,406.8
1983	277.8	286.2	-8.4	2,594.4	2,586.0
1984	306.7	301.4	5.3	2,882.3	2,887.6
1985	331.5	336.0	-4.5	3,091.0	3,086.5
1986	374.9	350.1	24.8	3,237.7	3,262.5
1987	378.7	392.5	-13.8	3,473.3	3,459.5
1988	422.0	402.9	19.1	3,733.3	3,752.4
1989	440.1	451.5	-11.4	4,027.7	4,016.3
1990	453.4	470.2	-16.8	4,310.4	4,293.6
1991	455.4	461.3	-5.9	4,480.7	4,474.8
1992	483.1	475.3	7.8	4,746.8	4,754.6
1993	508.5	505.4	3.1	4,932.2	4,935.3
1994	540.3	542.5	-2.2	5,167.7	5,165.4
1995	592.9	585.6	7.3	5,415.2	5,422.6
1996	664.5	662.9	1.6	5,676.2	5,677.7
1997	742.5	743.9	-1.4	5,969.6	5,968.2
1998	800.5	826.4	-25.9	6,381.5	6,355.6
1999	891.5	894.0	-2.5	6,629.9	6,627.4
2000	989.6	999.0	-9.4	7,129.5	7,120.2

1. This series is derived by the Bureau of Economic Analysis and is based on data from Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*.

2. This series is presented in NIPA table 3.2 in the section "BEA Current and Historical Data" of this issue. All of the estimates are available on BEA's Web site at <www.bea.gov>.

3. This series is presented in NIPA table 2.1 in "BEA Current and Historical Data." See also BEA's Web site.

Gross Domestic Product by Industry for 1999–2001

By Robert J. McCahill and Brian C. Moyer

THE Bureau of Economic Analysis (BEA) has recently released new estimates of gross domestic product (GDP) by industry for 2001 and revised estimates for 1999–2000.¹ The estimates incorporate the results of this year's annual revision of the national income and product accounts (NIPA's) and newly available source data.² The GDP-by-industry estimates are value-added measures that are based on the NIPA

components of gross domestic income (see the box below).

After growing at a rapid pace in the last half of the 1990s, real GDP slowed in 2000, declined in the first three quarters of 2001, and increased in the last quarter of 2001. Relative to past cycles, the slowdown in real GDP was mild, though real growth rates varied widely among industries. Declines, particularly in some manufacturing industries, were steep. Growth rates in other industries—mainly in services but also in manufacturing—remained strong in 2001, partly reflecting decreases in unit labor costs and unit capital costs through increases in productivity.

1. For the previously published estimates, see Sherlene K.S. Lum and Brian C. Moyer, "Gross Domestic Product by Industry for 1998–2000," *SURVEY OF CURRENT BUSINESS* 81 (November 2001): 17–33.

2. See Eugene P. Seskin and Stephanie H. McCulla, "Annual Revision of the National Income and Product Accounts," *SURVEY* 82 (August 2002): 7–34.

Gross Domestic Product by Industry

Definition and Relationship to Gross Domestic Product and Other Measures of Output

The Bureau of Economic Analysis (BEA) prepares several different, but related, measures of output. These measures include gross domestic product (GDP), gross domestic income (GDI), GDP by industry, gross output by industry, gross output from the input-output accounts, and gross state product (GSP).

Current-dollar GDP by industry, or gross product originating, is the contribution of each private industry and government to the Nation's GDP. It is the industry's value added, which is equal to its gross output (which consists of sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (which consist of energy, raw materials, semifinished goods, and services that are purchased from domestic industries or from foreign sources). Current-dollar GDP by industry is measured as the sum of distributions by industry of the components of GDI that are attributable to labor and property in the United States. The industry's gross output is benchmarked to the output estimates of the input-output accounts.

In the national income and product accounts (NIPA's), GDP is measured as the sum of the expenditure components and is benchmarked to the input-output accounts. GDI measures output as the sum of the costs incurred and the incomes earned in the production of GDP. In concept, GDP and GDI should be equal; in practice, they differ because the estimates of their components are mainly based on different source data. The difference between GDP and GDI is the "statistical discrepancy," which is recorded in the NIPA's as an "income" compo-

nent that reconciles GDI with GDP. BEA views GDP as the more reliable measure of output because the source data underlying the estimates of expenditures are considered to be more accurate.¹

Because the estimates of current-dollar GDP by industry are computed using the components of GDI, the sum of the GDP-by-industry estimates also differs from current-dollar GDP by the statistical discrepancy. Thus, for the sum of GDP by industry to be equal to GDP, the statistical discrepancy must be included as an industry. The statistical discrepancy is included in private industries because in BEA's view, most of the measurement problems with the components of GDI affect private industries rather than general government or government enterprises.

GSP is derived as the sum of the GSP originating in all industries in a State and is the State counterpart of the Nation's GDP. GSP differs from GDP because like GDP by industry, GSP is measured as the sum of the distributions by industry of the components of GDI. However, it differs from GDP by industry because it excludes the statistical discrepancy, the compensation of Federal civilian and military personnel, and military structures and equipment located abroad.²

1. See the box "The Statistical Discrepancy," *SURVEY OF CURRENT BUSINESS* 77 (August 1997): 19; and "Note on Alternative Measures of Gross Product by Industry," *SURVEY* 77 (November 1997): 84–85.

2. See the box "Gross State Product Estimates," in Sharon D. Panek and George K. Downey, "Gross State Product by Industry, 1998–2000," *SURVEY* 82 (June 2002): 57.

Highlights in 2001 include the following:

- Real GDP increased 0.3 percent. Real GDP in private services-producing industries increased 1.7 percent, while real GDP in private goods-producing industries decreased 4.2 percent.³
- Among the private goods-producing industries, manufacturing was the hardest hit by the 2001 recession. Its real GDP decreased 6.0 percent. Durable-goods manufacturing decreased 5.2 percent, and nondurable-goods manufacturing decreased 7.1 percent.
- The performance of the information technology (IT)-related industries was mixed. Real GDP in the industrial machinery and equipment industry and in the instruments and related products industry decreased sharply. In contrast, real GDP in the communications industry group and in the electronic and other electric equipment industry increased strongly; in the face of falling prices in both industries and falling demand in the electronic and other electric equipment industry, these industries were able to lower their unit labor costs and unit capital costs through increases in productivity, and thereby increase their real GDP (value-added) growth.
- Real GDP growth in the finance, insurance, and real estate (FIRE) industry group was strong. Double-digit growth was reported for nondepository institutions (including credit-card companies, motor vehicle finance leasing companies, and mortgage banking firms) and for security and commodity brokers.
- In several of the private services-producing industry groups, real GDP growth slowed but remained relatively strong. Growth in retail trade slowed from 7.5 percent in 2000 to 4.6 percent in 2001, and growth in FIRE slowed from 6.2 percent to 2.8 percent. Growth in the communications industry group was 12.3 percent in both 2000 and 2001.
- Real GDP for services—mainly business and personal services—grew only 0.9 percent.
- Declines in real GDP in the transportation-by-air industry and in the hotels and other lodging places industry lowered overall real GDP growth by 0.1 percentage point, partly reflecting sharp reductions in business air travel and tourism-related services after the terrorist attacks on September 11th.

This article is presented in four parts. The first part discusses the relative performance of industries in terms of real growth rates, contributions to real growth, industry shares of current-dollar GDP, and the

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

components of income for current-dollar GDP by industry. The second part discusses the prices of GDP by industry, contributions to price change, and unit costs. The third part discusses the revisions to the estimates. The fourth part describes the changes to the methodology and presentation. The detailed GDP-by-industry estimates for 1998–2001 are presented in tables 1–14 at the end of the article (see also the box “Data Availability” on page 27).

Measures of Industry Performance

The relative performance of particular industries or industry groups can be assessed by examining their real growth rates, their contributions to real GDP growth, their shares of current-dollar GDP, and their components of income for current-dollar GDP by industry.

Real GDP-by-industry growth rates

From 1995 to 2000, a period of rapid economic growth, real GDP increased at an average annual rate of 4.0 percent. Private industries increased 4.6 percent, and government increased 1.4 percent; in private industries, goods-producing industries increased 4.1 percent, and services-producing industries increased 5.3 percent (table A and table 5A).⁴

In 2001, real GDP growth slowed to 0.3 percent from 3.8 percent in 2000. Growth in both the private goods-producing industries and the private services-producing industries was adversely affected by the recession. Real growth in the goods-producing industries dropped from 3.6 percent to –4.2 percent, and real

4. Real GDP by industry is computed using the double-deflation method in which separate estimates of real gross output and intermediate inputs combine in a Fisher chain-type quantity-index-number formula. For more information, see the box “Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries” in Robert E. Yuskavage, “Improved Estimates of Gross Product by Industry, 1959–94,” *SURVEY 76* (August 1996): 142.

Table A. Percent Changes in Real Gross Domestic Product by Industry Group

	1999	2000	2001	Average annual rate of change 1995–2000
Gross domestic product	4.1	3.8	0.3	4.0
Private industries	4.8	3.9	0.4	4.6
Private goods-producing industries	4.6	3.6	-4.2	4.1
Agriculture, forestry, and fishing	6.3	7.9	-1.7	6.2
Mining	-4.2	-11.2	4.8	-2.0
Construction	5.4	2.8	-1.6	4.8
Manufacturing	4.8	4.7	-6.0	4.3
Durable goods	6.3	10.0	-5.2	7.9
Nondurable goods	2.8	-2.2	-7.1	-0.4
Private services-producing industries	5.0	5.4	1.7	5.3
Transportation and public utilities	7.2	6.8	-0.2	4.3
Transportation	4.1	5.2	-4.3	4.6
Communications	10.4	12.3	12.3	7.2
Electric, gas, and sanitary services	7.8	2.4	-9.1	0.6
Wholesale trade	6.8	5.9	-0.2	9.2
Retail trade	5.8	7.5	4.6	7.2
Finance, insurance, and real estate	4.1	6.2	2.8	5.2
Services	4.1	3.3	0.9	3.9
Government	1.3	2.6	1.7	1.4

growth in the services-producing industries dropped from 5.4 percent to 1.7 percent. Among the goods-producing industries, growth in manufacturing dropped the most, from 4.7 percent to -6.0 percent.

The -6.0-percent growth in manufacturing in 2001 resulted from negative growth in both durable-goods manufacturing (-5.2 percent) and nondurable-goods manufacturing (-7.1 percent). At the detailed industry level, growth in 19 of the 21 manufacturing industries was negative. Growth decreased sharply in fabricated

metal products (-10.2 percent), industrial machinery and equipment (-10.7 percent), textile mill products (-10.7 percent), and petroleum and coal products (-17.9 percent).

Real growth in the private services-producing industries slowed but was still a positive 1.7 percent in 2001. This growth was largely driven by growth in retail trade (4.6 percent) and in FIRE (2.8 percent). The growth in FIRE primarily reflected growth in nondepository institutions (16.4 percent) and security and

Nonadditivity of Chained Dollars and "Not Allocated by Industry" in the GDP-by-Industry Accounts

In the gross domestic product (GDP)-by-industry accounts, chain-type annual-weighted indexes are the featured measures of real output and prices.¹ These chain-type measures provide estimates of industry real growth (table A and table 5A) and estimates of industry contributions to real GDP growth (table B) that are more accurate and that are free from the biases associated with traditional, fixed-weighted measures.² Because the chained-weighted measures capture the effects of changes in relative prices and in the composition of output over time, they are especially important in measuring the performance of industries, such as the information technology (IT)-related industries, in which prices have changed rapidly.

In order to assist users, BEA also prepares chained (1996) dollar estimates that are based on the chain-type quantity indexes (table 6). These measures are constructed by setting 1996 as the reference year and by using the percent changes in the GDP-by-industry chain-type quantity indexes to extrapolate the real GDP-by-industry chained-dollar estimates from their 1996 current-dollar levels. By construction, the growth rates in the chain-type quantity indexes and in the chained-dollar estimates are identical. The chained-dollar estimates provide users with dollar-denominated measures of real GDP by industry, but they do not provide accurate estimates of industry shares of real GDP or of industry contributions to real GDP growth. For such estimates, BEA recommends using shares of nominal GDP (table 2) and contributions to real GDP growth based on the chain-type quantity indexes (table B).³

1. For information about the computation of the real GDP-by-industry estimates, see the box "Computation of the Chain-Type Quantity Indexes for Double-Deflated Industries" in Robert E. Yuskavage, "Improved Estimates of Gross Product by Industry, 1959-94," *SURVEY OF CURRENT BUSINESS* 76 (August 1996): 142.

2. For more information, see J. Steven Landefeld and Robert P. Parker, "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," *SURVEY* 77 (May 1997): 58.

3. For more information, see the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note," in Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995-97," *SURVEY* 78 (November 1998): 20.

The chained-dollar estimates have an additional shortcoming—they are generally not additive. The extent of this nonadditivity partly depends on the relative price changes of the components of an industry or aggregate. As a result of the plummeting prices of IT-related products in recent years, nonadditivity has become an important issue, particularly for the IT-related industries and their aggregates. Moreover, as one moves farther from the reference year for the chained-dollar estimates, the degree of nonadditivity tends to increase.

The category "Not allocated by industry" is the difference between real GDP (in chained dollars) and the sum of the real GDP-by-industry estimates for the detailed industries (including the statistical discrepancy) (table 6, line 86). It reflects both nonadditivity of the detailed chained-dollar estimates and methodological differences—that is, the differences between the source data used for the current-dollar and price estimates of GDP by industry and those used for the estimates of the expenditures measure of real GDP. The following table shows the breakdown of "Not allocated by industry" into methodological differences and nonadditivity.

[Billions of chained (1996) dollars]

	1996	1997	1998	1999	2000	2001
Not allocated by industry	0.0	-33.3	-48.9	-97.1	-159.1	-204.4
Methodological differences	0.0	-27.1	-28.2	-51.0	-52.3	-80.3
Nonadditivity	0.0	-6.2	-20.8	-46.1	-106.7	-124.1

In 2001, "Not allocated by industry" was -\$204.4 billion or 2.2 percent of real GDP. The nonadditivity of chained dollars grew each year, and in 2001 it accounted for more than three-fifths of "Not allocated by industry."

The nonadditivity of chained dollars for an industry group is measured as the difference between the industry group's chained-dollar total estimate and the sum of the chained-dollar estimates for the detailed industries that make up the industry group. The degree of nonadditivity is larger for industry groups in which there is rapid price change. For example, in 2001, the nonadditivity is most significant in durable-goods manufacturing, partly reflecting rapid price declines for IT-related products (computers, semiconductors, digital telephone switching equipment, and local area network equipment).

commodity brokers (13.1 percent). In contrast, growth declined in the transportation-by-air industry (-7.7 percent) and in hotels and other lodging places (-4.1 percent), partly reflecting sharp reductions in business air travel and tourism-related services after September 11th.

The performance of the IT-related industries in 2001 was mixed. In durable-goods manufacturing, real growth in industrial machinery and equipment (including computers) decreased 10.7 percent, and real growth in instruments and related products decreased 9.6 percent. In contrast, real growth in electronic and other electric equipment (including semiconductors, digital telephone switching equipment, and local area network (LAN) equipment) increased 7.5 percent, and real growth in the communications industry group increased 12.3 percent.

The growth in real GDP in the electronic and other electric equipment industry was positive despite a sharp decrease in industry output. In current-dollars, gross output (primarily sales) decreased 22.4 percent in 2001 (table 8), and intermediate inputs (purchased energy, materials, and services) decreased 29.1 percent (table 9). By absorbing much of the decrease in output through decreased intermediate inputs, the industry's current-dollar value added—that is, its current-dollar GDP by industry—decreased only 11.7 percent (table 1). In addition, the prices of gross output fell more than those of intermediate inputs, so industry value-added prices fell 17.8 percent (table 7A). As a result of increases in productivity, the industry was able to lower its unit labor costs 15.7 percent and its unit capital costs 24.8 percent, and thereby raise its real value-added.

Real growth in the communications industry group was strong in 2001 despite falling prices for output. Gross output prices (primarily reflecting prices for cellular telephone services) fell more than intermediate inputs prices, so industry value-added prices fell 7.0 percent. Productivity increases enabled the industry to lower its unit labor costs 11.6 percent and to lower its unit capital costs 2.6 percent, and as a result, its real value added increased 12.3 percent.

Contributions to real GDP growth

An industry's contribution to real GDP growth depends on both its real growth rate and its relative size.⁵ In 1995–2000, private goods-producing industries

5. An industry's contribution to real GDP growth is the product of its share of current-dollar GDP and its real GDP-by-industry growth rate. For more information, see the box "Using Chained-Dollar Estimates for Computing Contributions to Economic Growth: A Cautionary Note" in Sherlene K.S. Lum and Brian C. Moyer, "Gross Product by Industry, 1995–97," SURVEY 78 (November 1998): 24–25.

contributed 1.0 percentage point to the 4.0-percent average annual growth rate of real GDP, and private services-producing industries contributed 3.4 percentage points (table B). In 2001, private goods-producing industries contributed -1.0 percentage point to the 0.3-percent growth rate of real GDP, and private services-producing industries contributed 1.2 percentage points.

The slowdown in real GDP growth from 3.8 percent in 2000 to 0.3 percent in 2001 can be examined in terms of changes in the industry contributions to real GDP growth. The contribution of private goods-producing industries fell 1.8 percentage points—from 0.8 percentage point in 2000 to -1.0 percentage point in 2001. The contribution of private services-producing industries fell 2.3 percentage points—from 3.5 percentage points to 1.2 percentage points. The decrease in the goods-producing industries primarily reflected a decrease in the contribution of manufacturing from 0.8 percentage point to -0.9 percentage point. The decrease in the contribution of the services-producing industries was spread across several industry groups: Transportation and public utilities decreased from 0.6 percentage point to 0.0 percentage point, wholesale trade and retail trade combined decreased from 1.1 percentage points to 0.4 percentage point, FIRE decreased from 1.2 percentage points to 0.6 percentage point, and services decreased from 0.7 percentage point to 0.2 percentage point.

In 2001, the 0.3-percent growth in real GDP reflected largely offsetting contributions from the private goods-producing industries (-1.0 percentage point) and the private services-producing industries (1.2 per-

Table B. Contributions to Percent Change in Real Gross Domestic Product by Industry Group

	1999	2000	2001	Average annual rate of change 1995–2000
Gross domestic product	4.1	3.8	0.3	4.0
	Percentage points			
Private industries	4.2	3.4	0.3	4.0
Private goods-producing industries	1.1	0.8	-1.0	1.0
Agriculture, forestry, and fishing	0.1	0.1	0.0	0.1
Mining	0.0	-0.1	0.1	-0.0
Construction	0.2	0.1	-0.1	0.2
Manufacturing	0.8	0.8	-0.9	0.7
Durable goods	0.6	0.9	-0.5	0.7
Nondurable goods	0.2	-0.2	-0.5	-0.0
Private services-producing industries	3.2	3.5	1.2	3.4
Transportation and public utilities	0.6	0.6	0.0	0.4
Transportation	0.1	0.2	-0.1	0.1
Communications	0.3	0.3	0.3	0.2
Electric, gas, and sanitary services	0.2	0.1	-0.2	0.0
Wholesale trade	0.5	0.4	0.0	0.6
Retail trade	0.5	0.7	0.4	0.6
Finance, insurance, and real estate	0.8	1.2	0.6	1.0
Services	0.9	0.7	0.2	0.8
Government	0.2	0.3	0.2	0.2

Note: For information on the calculation of the contributions to percent change, see footnote 5 in text. Percentage-point contributions do not sum to the percent change in the chain-type quantity index for gross domestic product or to the percentage-point contribution for private industries, because the contributions of the statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).

centage points). In the goods-producing industries, manufacturing—the sector hardest hit by the recession—made the largest negative contribution (−0.9 percentage point) to real GDP growth. Durable-goods manufacturing and nondurable-goods manufacturing each contributed −0.5 percentage point. In the private services-producing industries, large positive contributions were made by FIRE (0.6 percentage point), retail trade (0.4 percentage point), and communications (0.3 percentage point).

Shares of current-dollar GDP

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

In 1998–2001, the share of current-dollar GDP that was accounted for by private goods-producing industries declined, while the shares accounted for by private services-producing industries and by government rose (table C and table 2). The share of goods-producing industries decreased from 23.2 percent in 1998 to 21.6 percent in 2001; it decreased each year, and the largest decline was in 2001. The share of services-producing industries increased from 64.6 percent to 66.8 percent; it increased each year. The share of government increased slightly from 12.6 percent to 12.7 percent. The increase in the share of services-producing industries was mostly accounted for by services and FIRE. The share of services rose 1.3 percentage points; business services increased the most (0.4 percentage

point). The share of FIRE rose 1.1 percentage points; the largest increases were in real estate (0.4 percentage point) and nondepository institutions (0.3 percentage point).

In 2001, the share of goods-producing industries dropped 1.3 percentage points. The drop was attributable to a 1.4-percentage-point decline in the share of manufacturing. Durable-goods manufacturing decreased 0.9 percentage point, and nondurable-goods manufacturing decreased 0.4 percentage point. Shares of each of the detailed manufacturing industries either decreased or did not change. The shares of the two largest industries decreased—industrial machinery and equipment by 0.3 percentage point and electronic and other electric equipment by 0.2 percentage point.

The share of services-producing industries increased in 2001. The share of services increased 0.6 percentage point, and the share of FIRE increased 0.5 percentage point. In contrast, the share of wholesale trade decreased 0.3 percentage point.

The share of government increased 0.3 percentage point in 2001. The increase was entirely accounted for by a 0.4-percentage-point increase in the share of State and local government. The Federal Government's share decreased 0.1 percentage point.

Components of income for current-dollar GDP by industry

The changes over time in an industry's share of labor and capital reflect differences in the growth rates of the components of current-dollar GDP by industry—compensation of employees, indirect business tax and nontax liability, and property-type income. The labor share of production is approximated by compensation of employees, which consists of wage and salary accruals, employer contributions for social insurance, and other labor income. The capital share of produc-

Data Availability

The summary estimates of gross domestic product by industry in this article and more detailed estimates for 1947–2001 are available on BEA's Web site; go to <www.bea.gov> and click on "Industry: GDP by industry and input-output data."

In early December, the estimates will be also available on the following diskettes:

Gross Domestic Product by Industry, 1947–2001, product number NDN–0302;

Gross Output by Detailed Industry, 1977–2001, product number NDN–0303; and

Shipments of Manufacturing Industries, 1977–2001, product number NDN–0304.

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

Table C. Gross Domestic Product by Industry in Current Dollars as a Percentage of Gross Domestic Product
[Percent]

	1998	1999	2000	2001
Gross domestic product	100.0	100.0	100.0	100.0
Private industries	87.4	87.6	87.6	87.3
Private goods-producing industries	23.2	23.1	22.9	21.6
Agriculture, forestry, and fishing	1.5	1.4	1.4	1.4
Mining	1.1	1.1	1.4	1.4
Construction	4.3	4.6	4.7	4.8
Manufacturing	16.3	16.0	15.5	14.1
Durable goods	9.5	9.2	9.0	8.1
Nondurable goods	6.8	6.8	6.5	6.1
Private services-producing industries	64.6	64.9	66.0	66.8
Transportation and public utilities	8.3	8.3	8.2	8.1
Transportation	3.3	3.3	3.2	3.0
Communications	2.7	2.8	2.8	2.9
Electric, gas, and sanitary services	2.3	2.3	2.2	2.2
Wholesale trade	6.9	7.0	7.1	6.8
Retail trade	9.0	9.0	9.0	9.2
Finance, insurance, and real estate	19.5	19.4	20.1	20.6
Services	20.8	21.3	21.5	22.1
Statistical discrepancy ¹	−0.4	−0.4	−1.3	−1.2
Government	12.6	12.4	12.4	12.7

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

tion is approximated by property-type income, which consists of corporate profits and proprietors' income, inventory valuation adjustments, rental income of persons, net interest, private capital consumption allowances, business transfer payments, the current surplus of government enterprises less subsidies, and government consumption of fixed capital.⁶

For the total economy, the share of GDP accounted for by labor increased 1.4 percentage points in 1998–2001, while the share accounted for by capital decreased 0.6 percentage point (table 4).⁷ For the private goods-producing industries, the labor share increased 1.8 percentage points, while the capital share decreased 2.2 percentage points. For the private services-producing industries, the labor share increased 1.1 percentage points, while the capital share decreased 0.6 percentage point.

In private goods-producing industries, manufacturing's labor share increased 3.4 percentage points, while its capital share decreased 4.1 percentage points. The labor share increased and the capital share decreased in both durable-goods manufacturing and nondurable-goods manufacturing. In durable-goods manufacturing, which accounts for nearly three-fifths of manufacturing output, the labor share increased 5.0 percentage points, and the capital share decreased 5.2 percentage points. This shift in shares indicates that spending on capital inputs leading up to, and during, the recession fell relative to spending on labor inputs. In 2000, compensation of employees in durable-goods manufacturing industries grew \$40.7 billion, while property-type income fell \$8.9 billion. In 2001, spending for both components fell, but property-type income fell \$3.1 billion more than compensation of employees (table 3).

Measures of Industry Prices

The growth rate in an industry's price index indicates the extent to which its prices of labor and capital are changing. An industry's contribution to GDP price change indicates the extent to which the industry is affecting overall prices. Changes in an industry's unit costs indicate the extent to which the cost structure of the industry is changing.

GDP-by-industry prices

The price index for GDP by industry for an industry or

6. Proprietors' income is included in property-type income as a capital share of production, but an unknown portion of proprietors' income represents a labor share of production. Indirect business tax and nontax liability (primarily sales, property, and excise taxes) is not included in property-type income, because it is the part of the pretax return to capital that accrues to government rather than to business.

7. For some purposes, using the shares of gross output is preferable to using the shares of GDP by industry—for example, when analyzing an industry's use of labor, capital, and intermediate inputs.

an industry group represents the price of the industry's primary factors of production (the value-added inputs of labor and capital).⁸ In 1995–2000, the GDP price index grew at an average annual rate of 1.7 percent, and the price index for private industries grew 1.4 percent. The price index for private goods-producing industries grew 0.6 percent, and the price index for private services-producing industries grew 1.7 percent (table D and table 7A).

In 2001, the GDP price index increased 2.4 percent. The price index for private goods-producing industries increased 1.3 percent, and the price index for private services-producing industries increased 2.1 percent. The slower growth in prices for goods-producing industries largely reflected continued declines in durable-goods manufacturing prices—particularly in prices for IT-related products. The price index for industrial machinery and equipment (including computers) fell 4.1 percent, and the price index for electronic and other electric equipment (including semiconductors, digital telephone switching equipment, and LAN equipment) fell 17.8 percent.

Prices of petroleum-related products increased much less in 2001 than in 2000. In the mining industry group, the price index for oil and gas extraction decelerated from 62.0 percent to 0.2 percent. In nondurable-goods manufacturing, the price index for petro-

8. GDP-by-industry prices are computed using the double-deflation method in which separate estimates of gross output and intermediate inputs prices combine in a Fisher chain-type price-index-number formula.

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leum and coal products decelerated from 49.1 percent to 28.2 percent.

The growth rates in an industry's gross output prices and in its intermediate inputs prices can provide insight on the growth rates in its value-added prices. For example, the price index for the gross output of durable-goods manufacturing decreased 2.5 percent in 2001 (table 11A), while the price index for intermediate inputs decreased only 2.0 percent (table 13A). Because output prices decreased more than intermediate inputs prices, value-added prices fell more (3.3 percent) than output prices.

Contributions to GDP price change

An industry's contribution to the growth in GDP prices depends on the growth rate of its price index

Table D. Percent Changes in Chain-Type Price Indexes by Industry Group

	1999	2000	2001	Average annual rate of change 1995-2000
Gross domestic product	1.4	2.1	2.4	1.7
Private industries:				
Gross output	1.0	3.2	1.3	1.3
Intermediate inputs	1.0	4.6	0.7	1.2
Gross domestic product by industry ¹	0.9	2.0	1.9	1.4
Private goods-producing industries:				
Gross output	0.2	3.6	0.0	0.3
Intermediate inputs	0.2	5.1	-0.8	0.2
Gross domestic product by industry	0.2	1.5	1.3	0.6
Agriculture, forestry, and fishing:				
Gross output	-3.2	1.8	4.1	-0.1
Intermediate inputs	-0.7	5.7	2.0	1.5
Gross domestic product by industry	-6.1	-2.5	6.6	-2.0
Mining:				
Gross output	7.5	37.9	1.1	8.4
Intermediate inputs	6.1	30.4	2.7	7.7
Gross domestic product by industry	8.5	43.8	-0.3	9.1
Construction:				
Gross output	4.2	4.2	3.9	3.4
Intermediate inputs	1.5	2.1	0.6	1.5
Gross domestic product by industry	6.0	5.5	5.8	4.7
Manufacturing:				
Gross output	-0.5	2.2	-1.0	-0.5
Intermediate inputs	0.0	4.6	-1.3	-0.2
Gross domestic product by industry	-1.3	-2.0	-0.4	-0.9
Durable goods:				
Gross output	-2.3	-1.8	-2.5	-2.4
Intermediate inputs	-1.7	0.6	-2.0	-1.6
Gross domestic product by industry	-3.3	-5.6	-3.3	-3.6
Nondurable goods:				
Gross output	1.9	7.4	0.8	1.9
Intermediate inputs	2.1	9.5	-0.5	1.4
Gross domestic product by industry	1.7	3.3	3.6	3.0
Private services-producing industries:				
Gross output	1.4	2.9	2.0	1.9
Intermediate inputs	1.7	4.3	2.0	2.1
Gross domestic product by industry	1.2	2.1	2.1	1.7
Transportation and public utilities:				
Gross output	0.2	3.4	1.0	1.5
Intermediate inputs	2.8	9.5	0.6	2.9
Gross domestic product by industry	-1.9	-1.6	1.4	0.4
Wholesale trade:				
Gross output	-0.2	2.2	-1.3	-1.3
Intermediate inputs	0.8	2.7	0.7	0.6
Gross domestic product by industry	-0.6	2.0	-2.1	-2.2
Retail trade:				
Gross output	0.4	0.8	1.2	0.3
Intermediate inputs	2.2	3.8	2.9	2.2
Gross domestic product by industry	-0.5	-0.7	0.4	-0.7
Finance, insurance, and real estate:				
Gross output	1.4	3.4	2.6	2.8
Intermediate inputs	1.8	3.2	3.5	3.1
Gross domestic product by industry	1.2	3.4	2.2	2.6
Services:				
Gross output	2.7	3.4	3.1	2.8
Intermediate inputs	1.0	2.9	1.5	1.3
Gross domestic product by industry	3.8	3.7	4.2	3.7
Government:				
Gross output	3.0	3.4	3.4	2.8
Intermediate inputs	2.9	7.8	2.7	3.0
Gross domestic product by industry	3.0	3.1	3.5	2.8

1. Includes the statistical discrepancy. The statistical discrepancy does not apply to gross output or to intermediate inputs. As a result, the gross output index may not be bounded by the indexes for intermediate inputs and gross domestic product by industry.

and on its relative size.⁹ In 1995-2000, private industries contributed 1.2 percentage points to the 1.7-percent average annual growth rate in the GDP price index; private goods-producing industries contributed 0.1 percentage point, and private services-producing industries contributed 1.1 percentage points (table E). Among private goods-producing industries, durable-goods manufacturing contributed -0.3 percentage point. Among private services-producing industries, services was the largest contributor—at 0.7 percentage point.

In 2001, private industries contributed 1.6 percentage points to the 2.4-percent growth in the GDP price index; private goods-producing industries contributed 0.3 percentage point, and private services-producing industries contributed 1.4 percentage points. Among private goods-producing industries, durable-goods manufacturing contributed -0.3 percentage point. Among private services-producing industries, services contributed 0.9 percentage point, but communications and wholesale trade each contributed -0.2 percentage point. The negative contributions by durable-goods manufacturing and by communications partly reflected declines in the prices of IT-related products.

Unit costs

In the GDP-by-industry accounts, the price index for an industry represents the price of its primary factors of production, so an industry's price index, combined with its current-dollar components of GDP by industry, can be used to assess each component's contribu-

9. An industry's contribution to GDP price growth is the product of its share of current-dollar GDP and the growth rate in its GDP-by-industry price index.

Table E. Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product by Industry Group

	1999	2000	2001	Average annual rate of change 1995-2000
Gross domestic product	1.4	2.1	2.4	1.7
	Percentage points			
Private industries	0.8	1.7	1.6	1.2
Private goods-producing industries	0.1	0.3	0.3	0.1
Agriculture, forestry, and fishing	-0.1	0.0	0.1	-0.0
Mining	0.1	0.5	0.0	0.1
Construction	0.3	0.3	0.3	0.2
Manufacturing	-0.2	-0.3	-0.1	-0.1
Durable goods	-0.3	-0.5	-0.3	-0.3
Nondurable goods	0.1	0.2	0.2	0.2
Private services-producing industries	0.8	1.4	1.4	1.1
Transportation and public utilities	-0.2	-0.1	0.1	0.0
Wholesale trade	0.0	0.0	0.1	0.0
Communications	-0.1	-0.1	-0.2	-0.0
Electric, gas, and sanitary services	-0.1	0.0	0.3	0.0
Wholesale trade	0.0	0.1	-0.2	-0.1
Retail trade	0.0	-0.1	0.0	-0.1
Finance, insurance, and real estate	0.2	0.7	0.4	0.5
Services	0.8	0.8	0.9	0.7
Government	0.4	0.4	0.4	0.4

NOTE: For information on the calculation of the contributions to percent change, see footnote 9 in text. Percentage-point contributions do not sum to the percent change in the chain-type price index for gross domestic product or to the percentage-point contribution for private industries, because the contributions of the statistical discrepancy and of "not allocated by industry" are excluded (see table 6 for the detailed estimates of real gross domestic product by industry).

tion to the total labor costs and capital costs for an industry. The measures of unit costs are computed by dividing current-dollar GDP by industry and its components by real (chained-dollar) GDP by industry. The resulting quotients are the GDP-by-industry implicit price index and the part of the price index that is associated with each component. Unit cost measures by private industry group are presented in table 14. If the percent change in the unit cost for a component is greater than the percent change in the GDP-by-industry price index, the relative importance of that component in the industry cost structure has increased.

In 1995–2000, the total cost per unit for private industries increased 1.4 percent (table F). Unit costs for compensation of employees (unit labor costs) increased 1.8 percent. Unit costs for property-type income (unit capital costs) increased 1.2 percent, and unit costs for indirect business tax and nontax liability decreased 0.2 percent. The larger increase in unit labor

costs indicates that labor costs became a larger part of total unit costs during the period. Increases in unit labor costs were reported for all industry groups except durable-goods manufacturing, wholesale trade, and retail trade. The largest decrease in unit labor costs was in durable-goods manufacturing (–3.2 percent).

In 2001, total cost per unit decreased in durable-goods manufacturing, in wholesale trade, and in mining. In durable-goods manufacturing and wholesale trade, the decreases in total cost per unit continued the 1995–2000 trend. The 3.3-percent decrease in durable-goods manufacturing resulted from a 0.5-percent decline in unit labor costs, which accounted for almost three-fourths of total current-dollar cost per unit, and an 11.6-percent decline in unit capital costs. The decrease in wholesale trade resulted from declines in both unit labor costs and unit capital costs. In mining, total unit costs decreased slightly as unit capital costs decreased and unit labor costs increased.

Table F. Percent Changes in Current Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group

	1999	2000	2001	Average annual rate of change 1995–2000
Total	0.9	2.0	1.9	1.4
Compensation of employees.....	1.9	3.2	1.8	1.8
Indirect business tax and nontax liability.....	-0.2	0.7	2.6	-0.2
Property-type income.....	-0.2	0.6	1.7	1.2
Goods-producing industries	0.2	1.5	1.3	0.6
Compensation of employees.....	0.2	3.1	2.8	0.8
Indirect business tax and nontax liability.....	-2.0	8.7	7.9	1.1
Property-type income.....	0.5	-1.8	-2.1	0.1
Agriculture, forestry and fishing	-6.1	-2.5	6.6	-2.0
Compensation of employees.....	1.0	-1.9	11.1	1.0
Indirect business tax and nontax liability.....	-1.3	-4.0	6.9	-3.3
Property-type income.....	-11.0	-2.8	3.3	-3.8
Mining	8.5	43.8	-0.3	9.1
Compensation of employees.....	-0.1	20.1	3.5	4.5
Indirect business tax and nontax liability.....	3.4	33.0	4.0	6.0
Property-type income.....	15.4	59.9	-2.7	12.1
Construction	6.0	5.5	5.8	4.7
Compensation of employees.....	5.2	6.6	6.4	4.2
Indirect business tax and nontax liability.....	3.4	4.1	4.8	3.1
Property-type income.....	7.7	3.5	4.5	6.0
Manufacturing	-1.3	-2.0	-0.4	-0.9
Compensation of employees.....	-1.4	1.2	1.8	-0.4
Indirect business tax and nontax liability.....	-2.8	8.4	8.6	1.2
Property-type income.....	-0.8	-9.1	-6.1	-2.1
Durable goods.....	-3.3	-5.6	-3.3	-3.6
Compensation of employees.....	-2.1	-2.8	-0.5	-3.2
Indirect business tax and nontax liability.....	-2.7	-5.7	8.9	-3.3
Property-type income.....	-6.1	-12.4	-11.6	-4.8
Nondurable goods.....	1.7	3.3	3.6	3.0
Compensation of employees.....	-0.7	6.8	5.5	3.3
Indirect business tax and nontax liability.....	-1.7	22.3	9.2	6.7
Property-type income.....	5.5	-3.8	-0.1	2.0
Services-producing industries	1.2	2.1	2.1	1.7
Compensation of employees.....	2.7	3.3	1.7	2.3
Indirect business tax and nontax liability.....	-0.1	-0.6	1.0	-0.5
Property-type income.....	-0.4	1.4	2.8	1.5
Transportation and public utilities.....	-1.9	-1.6	1.4	0.4
Compensation of employees.....	1.4	0.4	2.0	2.0
Indirect business tax and nontax liability.....	-2.8	-2.7	2.5	-0.1
Property-type income.....	-4.8	-3.3	0.6	-1.0
Wholesale trade.....	-0.6	2.0	-2.1	-2.2
Compensation of employees.....	0.2	1.3	-1.4	-2.1
Indirect business tax and nontax liability.....	-3.4	-2.2	0.1	-5.6
Property-type income.....	-0.2	7.0	-5.5	0.9
Retail trade.....	-0.5	-0.7	0.4	-0.7
Compensation of employees.....	0.8	-0.6	-0.7	-1.2
Indirect business tax and nontax liability.....	1.0	-2.3	-2.3	-1.4
Property-type income.....	-4.6	0.2	4.8	1.2
Finance, insurance and real estate.....	1.2	3.4	2.2	2.6
Compensation of employees.....	3.1	3.1	3.1	3.8
Indirect business tax and nontax liability.....	0.0	-0.9	1.5	-0.4
Property-type income.....	0.6	4.4	2.0	2.8
Services	3.8	3.7	4.2	3.7
Compensation of employees.....	4.1	6.7	3.2	4.4
Indirect business tax and nontax liability.....	3.9	3.1	3.6	3.4
Property-type income.....	2.9	-5.3	7.5	1.4

Revisions to the Estimates of GDP by Industry

The estimates of GDP by industry for 1999–2000 were revised to incorporate this year's annual revision of the NIPA's and new and revised source data for gross output and prices. The revisions to current-dollar GDP for 1999 were smaller than those for 2000; GDP was revised up \$5.7 billion for 1999 and was revised down \$48.3 billion for 2000 (table G). Real GDP growth was not revised for 1999, and it was revised down 0.3 percentage point for 2000. The revisions to real GDP for some industry groups were substantial but largely offsetting, so their effects on real GDP growth were small.

The revisions to the current-dollar estimates of GDP by industry reflected the incorporation of the revised NIPA estimates of the components of gross domestic income and the industry distributions of these components. Private industries was revised up \$6.1 billion for 1999 and was revised down \$49.6 billion for 2000. For 1999, upward revisions to the statistical discrepancy (\$33.9 billion) and wholesale trade (\$11.8 billion) were partly offset by downward revisions to manufacturing (\$15.5 billion), FIRE (\$11.8 billion), transportation and public utilities (\$6.7 billion), and services (\$3.7 billion). For 2000, downward revisions to services (\$48.2 billion), manufacturing (\$46.3 billion), and transportation and public utilities (\$15.7 billion) were partly offset by upward revisions to FIRE (\$40.5 billion), wholesale trade (\$22.7 billion), and mining (\$6.0 billion).

The revisions to the growth rates of real GDP by industry reflect the revisions to current-dollar GDP by industry and the incorporation of new and revised source data for gross output and prices. For 1999, the growth rate of real GDP was not revised; the growth rate of goods-producing industries was revised down

0.8 percentage point, and that of services-producing industries was revised down 0.3 percentage point.¹⁰ For 2000, the growth rate of real GDP was revised down 0.3 percentage point; the growth rate of goods-producing industries was revised up 0.7 percentage point, and the growth rate of services-producing industries was not revised. By industry group, the largest revisions for 1999 were to wholesale trade (up 3.0 percentage points) and mining (up 2.3 percentage points). The largest revisions for 2000 were to mining (up 3.8 percentage points), wholesale trade (up 3.1 percentage points), nondurable-goods manufacturing (down 2.2 percentage points), and services (down 1.8 percentage points).

Changes to the Methodology and Presentation

This revision to the GDP-by-industry accounts incorporated several changes to the methodology and the presentation. These changes included the incorporation of improved methodology from the NIPA annual revision, the incorporation of inputs data from the 1998 annual input-output (I-O) accounts, and the inclusion of percent-change tables for all price and quantity indexes. In addition, because the GDP-by-industry accounts are currently based on the Standard Industrial Classification (SIC) system, BEA converted the source data that are based on the North American Industry Classification System (NAICS) to an SIC basis.

The following improvements that were made as part of the NIPA annual revision were incorporated. The industry estimates for security and commodity brokers incorporated the improved price indexes for personal consumption expenditures (PCE) of brokerage and investment counseling that were developed from the Bu-

reau of Labor Statistics' producer price index for brokerage services. The industry estimates of profits incorporated the improved measures of imputed commissions on equities transactions.

The intermediate inputs by industry for 1999–2001 are based on the industry distributions of inputs from the 1998 annual I-O accounts, the latest available I-O accounts.

The GDP-by-industry tables were expanded to include percent-change tables for the chain-type quantity and price indexes for outputs (tables 10A and 11A) and intermediate inputs (tables 12A and 13A). This expansion allows for greater consistency and comparability across the GDP-by-industry measures of industry performance.

This revision incorporated new and revised source data from private industry associations and from other Federal Government agencies. The source data from several Federal Government agencies are now based on NAICS rather than on the SIC, including Census Bureau data from the annual survey of manufactures, the services annual survey, and the annual trade surveys and the Internal Revenue Service data from the *Statistics of Income*. In addition, the BEA estimates of change in private inventories are on a NAICS basis. Because the GDP-by-industry estimates remain on an SIC basis, these NAICS-based source data were converted to an SIC basis by the source agency or by BEA using information provided by the source agency. Implementation of NAICS for the GDP-by-industry estimates will occur in the next comprehensive revision to the GDP-by-industry accounts, which is scheduled for release in 2004. At that time, NAICS-based data from both the NIPA's and the benchmark I-O accounts will be incorporated.

10. Offsetting revisions were made to the statistical discrepancy.

Tables 1–14 follow.

Table G. Revisions to Gross Domestic Product by Industry Group

	Current-dollar gross domestic product by industry						Real gross domestic product by industry					
	Billions of dollars						Percent change from previous period					
	1999			2000			1999			2000		
	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision	Previously published	Revised	Revision
Gross domestic product	9,268.6	9,274.3	5.7	9,872.9	9,824.6	-48.3	4.1	4.1	0.0	4.1	3.8	-0.3
Private industries	8,116.9	8,123.0	6.1	8,656.5	8,606.9	-49.6	4.8	4.8	0.0	4.1	3.9	-0.2
Private goods-producing industries	2,152.9	2,138.6	-14.3	2,293.0	2,248.9	-44.1	5.4	4.6	-0.8	2.9	3.6	0.7
Agriculture, forestry, and fishing	127.2	127.7	0.5	135.8	134.3	-1.5	5.5	6.3	0.8	8.4	7.9	-0.5
Mining	103.3	104.1	0.8	127.1	133.1	6.0	-6.5	-4.2	2.3	-15.0	-11.2	3.8
Construction	425.5	425.4	-0.1	463.6	461.3	-2.3	6.0	5.4	-0.6	2.5	2.8	0.3
Manufacturing	1,496.8	1,481.3	-15.5	1,566.6	1,520.3	-46.3	6.1	4.8	-1.3	4.1	4.7	0.6
Durable goods	865.7	853.8	-11.9	901.7	886.4	-15.3	8.1	6.3	-1.8	7.1	10.0	2.9
Nondurable goods	631.0	627.5	-3.5	664.8	633.9	-30.9	3.3	2.8	-0.5	0.0	-2.2	-2.2
Private services-producing industries	6,036.7	6,023.1	-13.6	6,493.9	6,486.5	-7.4	5.3	5.0	-0.3	5.4	5.4	0.0
Transportation and public utilities	776.8	770.1	-6.7	825.0	809.3	-15.7	7.9	7.2	-0.7	6.0	6.8	0.8
Transportation	302.7	301.9	-0.8	313.9	313.7	-0.2	4.1	4.1	0.0	4.7	5.2	0.5
Communications	258.5	257.2	-1.3	281.1	279.1	-2.0	10.9	10.4	-0.5	10.7	12.3	1.6
Electric, gas, and sanitary services	215.6	211.0	-4.6	230.0	216.5	-13.5	9.9	7.8	-2.1	2.3	2.4	0.1
Wholesale trade	633.5	645.3	11.8	674.1	696.8	22.7	3.8	6.8	3.0	2.8	5.9	3.1
Retail trade	834.9	831.7	-3.2	893.9	887.3	-6.6	5.5	5.8	0.3	7.3	7.5	0.2
Finance, insurance, and real estate	1,810.6	1,798.8	-11.8	1,936.2	1,976.7	40.5	5.6	4.1	-1.5	5.6	6.2	0.6
Services	1,980.9	1,977.2	-3.7	2,164.6	2,116.4	-48.2	4.5	4.1	-0.4	5.1	3.3	-1.8
Statistical discrepancy ¹	-72.7	-38.8	33.9	-130.4	-128.5	1.9						
Government	1,151.7	1,151.3	-0.4	1,216.4	1,217.7	1.3	1.3	1.3	0.0	2.3	2.6	0.3

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

Table 3. Components of Gross Domestic Product by Industry Group in Current Dollars, 1998–2001
[Billions of dollars]

Line		1998	1999	2000	2001
1	Gross domestic product	8,781.5	9,274.3	9,824.6	10,082.2
2	Compensation of employees.....	4,994.6	5,314.5	5,729.3	5,881.0
3	Indirect business tax and nontax liability.....	681.3	712.9	753.6	774.8
4	Property-type income.....	3,136.6	3,285.6	3,470.2	3,543.6
5	Statistical discrepancy ¹	-31.0	-38.8	-128.5	-117.3
6	Private industries	7,678.2	8,123.0	8,606.9	8,800.8
7	Compensation of employees.....	4,079.6	4,361.3	4,722.0	4,818.9
8	Indirect business tax and nontax liability.....	681.3	712.9	753.6	774.8
9	Property-type income.....	2,948.3	3,087.5	3,259.8	3,324.4
10	Statistical discrepancy ¹	-31.0	-38.8	-128.5	-117.3
11	Private goods-producing industries	2,040.6	2,138.6	2,248.9	2,182.7
12	Compensation of employees.....	1,224.8	1,283.1	1,370.0	1,349.3
13	Indirect business tax and nontax liability.....	81.0	83.0	93.5	96.7
14	Property-type income.....	734.8	772.5	785.5	736.7
15	Agriculture, forestry, and fishing	128.0	127.7	134.3	140.6
16	Compensation of employees.....	46.4	49.8	52.7	57.5
17	Indirect business tax and nontax liability.....	6.9	7.3	7.5	7.9
18	Property-type income.....	74.7	70.7	74.1	75.2
19	Mining	100.2	104.1	133.1	139.0
20	Compensation of employees.....	35.8	34.2	36.5	39.6
21	Indirect business tax and nontax liability.....	11.7	11.6	13.7	14.9
22	Property-type income.....	52.8	58.3	82.8	84.5
23	Construction	380.8	425.4	461.3	480.0
24	Compensation of employees.....	246.2	272.9	299.0	313.0
25	Indirect business tax and nontax liability.....	8.6	9.4	10.0	10.3
26	Property-type income.....	126.0	143.1	152.3	156.6
27	Manufacturing	1,431.5	1,481.3	1,520.3	1,423.0
28	Compensation of employees.....	896.4	926.2	981.8	939.2
29	Indirect business tax and nontax liability.....	53.7	54.8	62.2	63.5
30	Property-type income.....	481.3	500.4	476.3	420.4
31	Durable goods.....	830.7	853.8	886.4	812.8
32	Compensation of employees.....	562.8	585.7	626.4	590.8
33	Indirect business tax and nontax liability.....	20.1	20.8	21.6	22.3
34	Property-type income.....	247.8	247.3	238.4	199.7
35	Nondurable goods.....	600.8	627.5	633.9	610.2
36	Compensation of employees.....	333.7	340.5	355.3	348.3
37	Indirect business tax and nontax liability.....	33.6	33.9	40.6	41.2
38	Property-type income.....	233.5	253.1	237.9	220.7
39	Private services-producing industries	5,668.6	6,023.1	6,486.5	6,735.4
40	Compensation of employees.....	2,854.8	3,078.2	3,352.0	3,469.6
41	Indirect business tax and nontax liability.....	600.3	629.9	660.1	678.1
42	Property-type income.....	2,213.5	2,315.1	2,474.3	2,587.7
43	Transportation and public utilities	732.0	770.1	809.3	819.5
44	Compensation of employees.....	321.9	350.0	375.1	382.1
45	Indirect business tax and nontax liability.....	73.9	77.0	80.0	81.9
46	Property-type income.....	336.2	343.1	354.2	355.5
47	Wholesale trade	607.9	645.3	696.8	680.7
48	Compensation of employees.....	335.8	359.5	385.8	379.8
49	Indirect business tax and nontax liability.....	126.5	130.6	135.1	135.1
50	Property-type income.....	145.6	155.3	175.9	165.9
51	Retail trade	790.4	831.7	887.3	931.8
52	Compensation of employees.....	448.7	478.6	511.1	531.1
53	Indirect business tax and nontax liability.....	141.5	151.1	158.7	162.3
54	Property-type income.....	200.2	202.0	217.4	238.4
55	Finance, insurance, and real estate	1,708.5	1,798.8	1,976.7	2,076.9
56	Compensation of employees.....	427.1	458.1	501.9	532.0
57	Indirect business tax and nontax liability.....	203.6	211.9	223.2	232.9
58	Property-type income.....	1,077.8	1,128.7	1,251.6	1,312.0
59	Services	1,829.9	1,977.2	2,116.4	2,226.6
60	Compensation of employees.....	1,321.4	1,432.0	1,578.1	1,644.7
61	Indirect business tax and nontax liability.....	54.8	59.2	63.1	66.0
62	Property-type income.....	453.8	486.0	475.2	515.9
63	Government	1,103.3	1,151.3	1,217.7	1,281.3
64	Compensation of employees.....	915.1	953.3	1,007.3	1,062.1
65	Indirect business tax and nontax liability.....	0.0	0.0	0.0	0.0
66	Property-type income.....	188.3	198.1	210.4	219.2

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

Table 4. Components of Gross Domestic Product by Industry Group in Current Dollars as a Percentage of Gross Domestic Product, 1998–2001
[Percent]

Line		1998	1999	2000	2001
1	Gross domestic product	100.0	100.0	100.0	100.0
2	Compensation of employees.....	56.9	57.3	58.3	58.3
3	Indirect business tax and nontax liability.....	7.8	7.7	7.7	7.7
4	Property-type income.....	35.7	35.4	35.3	35.1
5	Statistical discrepancy ¹	-0.4	-0.4	-1.3	-1.2
6	Private industries	100.0	100.0	100.0	100.0
7	Compensation of employees.....	53.1	53.7	54.9	54.8
8	Indirect business tax and nontax liability.....	8.9	8.8	8.8	8.8
9	Property-type income.....	38.4	38.0	37.9	37.8
10	Statistical discrepancy ¹	-0.4	-0.5	-1.5	-1.3
11	Private goods-producing industries	100.0	100.0	100.0	100.0
12	Compensation of employees.....	60.0	60.0	60.9	61.8
13	Indirect business tax and nontax liability.....	4.0	3.9	4.2	4.4
14	Property-type income.....	36.0	36.1	34.9	33.8
15	Agriculture, forestry, and fishing	100.0	100.0	100.0	100.0
16	Compensation of employees.....	36.2	39.0	39.2	40.9
17	Indirect business tax and nontax liability.....	5.4	5.7	5.6	5.6
18	Property-type income.....	58.4	55.3	55.2	53.5
19	Mining	100.0	100.0	100.0	100.0
20	Compensation of employees.....	35.7	32.9	27.5	28.5
21	Indirect business tax and nontax liability.....	11.7	11.1	10.3	10.7
22	Property-type income.....	52.6	56.0	62.2	60.8
23	Construction	100.0	100.0	100.0	100.0
24	Compensation of employees.....	64.6	64.2	64.8	65.2
25	Indirect business tax and nontax liability.....	2.3	2.2	2.2	2.2
26	Property-type income.....	33.1	33.6	33.0	32.6
27	Manufacturing	100.0	100.0	100.0	100.0
28	Compensation of employees.....	62.6	62.5	64.6	66.0
29	Indirect business tax and nontax liability.....	3.8	3.7	4.1	4.5
30	Property-type income.....	33.6	33.8	31.3	29.5
31	Durable goods.....	100.0	100.0	100.0	100.0
32	Compensation of employees.....	67.7	68.6	70.7	72.7
33	Indirect business tax and nontax liability.....	2.4	2.4	2.4	2.7
34	Property-type income.....	29.8	29.0	26.9	24.6
35	Nondurable goods.....	100.0	100.0	100.0	100.0
36	Compensation of employees.....	55.5	54.3	56.1	57.1
37	Indirect business tax and nontax liability.....	5.6	5.4	6.4	6.7
38	Property-type income.....	38.9	40.3	37.5	36.2
39	Private services-producing industries	100.0	100.0	100.0	100.0
40	Compensation of employees.....	50.4	51.1	51.7	51.5
41	Indirect business tax and nontax liability.....	10.6	10.5	10.2	10.1
42	Property-type income.....	39.0	38.4	38.1	38.4
43	Transportation and public utilities	100.0	100.0	100.0	100.0
44	Compensation of employees.....	44.0	45.4	46.4	46.6
45	Indirect business tax and nontax liability.....	10.1	10.0	9.9	10.0
46	Property-type income.....	45.9	44.5	43.8	43.4
47	Wholesale trade	100.0	100.0	100.0	100.0
48	Compensation of employees.....	55.2	55.7	55.4	55.8
49	Indirect business tax and nontax liability.....	20.8	20.2	19.4	19.8
50	Property-type income.....	23.9	24.1	25.2	24.4
51	Retail trade	100.0	100.0	100.0	100.0
52	Compensation of employees.....	56.8	57.5	57.6	57.0
53	Indirect business tax and nontax liability.....	17.9	18.2	17.9	17.4
54	Property-type income.....	25.3	24.3	24.5	25.6
55	Finance, insurance, and real estate	100.0	100.0	100.0	100.0
56	Compensation of employees.....	25.0	25.5	25.4	25.6
57	Indirect business tax and nontax liability.....	11.9	11.8	11.3	11.2
58	Property-type income.....	63.1	62.8	63.3	63.2
59	Services	100.0	100.0	100.0	100.0
60	Compensation of employees.....	72.2	72.4	74.6	73.9
61	Indirect business tax and nontax liability.....	3.0	3.0	3.0	3.0
62	Property-type income.....	24.8	24.6	22.5	23.2
63	Government	100.0	100.0	100.0	100.0
64	Compensation of employees.....	82.9	82.8	82.7	82.9
65	Indirect business tax and nontax liability.....	0.0	0.0	0.0	0.0
66	Property-type income.....	17.1	17.2	17.3	17.1

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

**Table 7.A. Percent Changes in Chain-Type Price Indexes for
Gross Domestic Product by Industry**

Line		1999	2000	2001	Average annual rate of change 1995-2000
1	Gross domestic product.....	1.4	2.1	2.4	1.7
2	Private industries.....	0.9	2.0	1.9	1.4
3	Private goods-producing industries.....	0.2	1.5	1.3	0.6
4	Agriculture, forestry, and fishing.....	-6.1	-2.5	6.6	-2.0
5	Farms.....	-13.4	-7.2	9.2	-5.5
6	Agricultural services, forestry, and fishing.....	6.5	4.3	3.1	4.0
7	Mining.....	8.5	43.8	-0.3	9.1
8	Metal mining.....	-11.3	5.6	-9.4	-11.2
9	Coal mining.....	-11.3	-2.7	-2.9	-6.1
10	Oil and gas extraction.....	14.3	62.0	0.2	14.1
11	Nonmetallic minerals, except fuels.....	2.3	-6.1	1.6	-0.1
12	Construction.....	6.0	5.5	5.8	4.7
13	Manufacturing.....	-1.3	-2.0	-0.4	-0.9
14	Durable goods.....	-3.3	-5.6	-3.3	-3.6
15	Lumber and wood products.....	3.2	-6.6	-0.2	-0.2
16	Furniture and fixtures.....	2.7	-0.8	3.6	2.8
17	Stone, clay, and glass products.....	4.8	-1.6	-0.6	2.0
18	Primary metal industries.....	-9.2	1.1	-5.7	-3.5
19	Fabricated metal products.....	3.9	-2.5	2.3	2.1
20	Industrial machinery and equipment.....	-9.0	-5.7	-4.1	-8.2
21	Electronic and other electric equipment.....	-14.3	-19.7	-17.8	-14.6
22	Motor vehicles and equipment.....	3.9	-1.1	0.1	1.5
23	Other transportation equipment.....	2.3	3.8	5.2	2.6
24	Instruments and related products.....	4.2	2.0	7.4	6.8
	Miscellaneous manufacturing industries.....	1.6	-1.7	2.1	1.3
25	Nondurable goods.....	1.7	3.3	3.6	3.0
26	Food and kindred products.....	4.3	0.7	1.6	4.7
27	Tobacco products.....	95.5	21.0	23.5	29.0
28	Textile mill products.....	1.3	-5.2	3.9	1.4
29	Apparel and other textile products.....	4.5	-1.3	-1.6	1.8
30	Paper and allied products.....	2.0	11.9	-0.7	0.1
31	Printing and publishing.....	4.3	1.4	4.9	5.5
32	Chemicals and allied products.....	-1.9	-0.3	-0.2	0.4
33	Petroleum and coal products.....	-30.6	49.1	28.2	3.6
34	Rubber and miscellaneous plastics products.....	-0.3	-5.0	2.6	-0.3
35	Leather and leather products.....	0.6	-3.8	3.2	0.5
36	Private services-producing industries.....	1.2	2.1	2.1	1.7
37	Transportation and public utilities.....	-1.9	-1.6	1.4	0.4
38	Transportation.....	0.4	-1.2	2.0	1.4
39	Railroad transportation.....	-2.8	-4.1	3.9	-0.9
40	Local and interurban passenger transit.....	-1.9	-0.4	4.7	2.3
41	Trucking and warehousing.....	1.4	-1.5	6.3	3.0
42	Water transportation.....	7.8	0.4	5.4	1.7
43	Transportation by air.....	-0.2	-2.8	-5.5	0.2
44	Pipelines, except natural gas.....	-0.8	3.4	9.3	-2.1
45	Transportation services.....	-0.5	4.9	0.1	0.9
46	Communications.....	-2.3	-3.4	-7.0	-0.5
47	Telephone and telegraph.....	-4.7	-6.8	-6.4	-3.1
48	Radio and television.....	5.2	7.8	-8.8	7.7
49	Electric, gas, and sanitary services.....	-4.4	0.2	12.8	0.3
50	Wholesale trade.....	-0.6	2.0	-2.1	-2.2
51	Retail trade.....	-0.5	-0.7	0.4	-0.7
52	Finance, insurance, and real estate.....	1.2	3.4	2.2	2.6
53	Depository institutions.....	2.7	4.6	-1.4	6.0
54	Nondepository institutions.....	-4.2	-0.3	9.7	-2.9
55	Security and commodity brokers.....	-16.9	-5.1	2.6	-7.3
56	Insurance carriers.....	3.9	8.1	-3.6	6.2
57	Insurance agents, brokers, and service.....	3.5	5.3	4.8	4.6
58	Real estate.....	3.0	3.3	3.7	2.5
59	Nonfarm housing services.....	2.6	3.1	3.8	3.0
60	Other real estate.....	3.8	4.1	3.7	1.2
61	Holding and other investment offices.....	10.4	20.0	-1.7	19.9
62	Services.....	3.8	3.7	4.2	3.7
63	Hotels and other lodging places.....	6.8	2.9	5.5	5.3
64	Personal services.....	2.9	2.8	4.9	2.9
65	Business services.....	4.1	4.2	2.0	3.8
66	Auto repair, services, and parking.....	1.0	2.7	1.6	2.5
67	Miscellaneous repair services.....	10.6	5.9	14.9	7.5
68	Motion pictures.....	6.0	6.3	3.2	4.2
69	Amusement and recreation services.....	5.9	5.5	5.2	4.6
70	Health services.....	2.8	2.6	4.7	2.9
71	Legal services.....	2.4	3.4	5.2	3.7
72	Educational services.....	4.8	5.0	4.4	5.0
73	Social services.....	4.2	5.2	6.0	4.7
74	Membership organizations.....	8.6	6.5	5.4	6.1
75	Other services.....	3.5	3.1	5.5	3.2
76	Private households.....	2.9	4.4	3.7	3.1
77	Government.....	3.0	3.1	3.5	2.8
78	Federal.....	3.1	2.8	2.9	2.6
79	General government.....	3.4	3.6	2.2	3.1
80	Government enterprises.....	1.5	-1.0	6.4	-0.0
81	State and local.....	3.0	3.2	3.7	2.9
82	General government.....	3.3	3.5	3.6	3.0
83	Government enterprises.....	-0.6	-0.7	5.0	1.9

Table 8. Gross Output by Industry, 1998-2001
[Billions of dollars]

Line		1998	1999	2000	2001
1	All industries.....	15,141.6	16,003.3	17,183.9	17,311.2
2	Private industries.....	13,955.9	14,764.9	15,876.8	15,936.3
3	Private goods-producing industries.....	5,021.6	5,228.6	5,530.8	5,242.5
4	Agriculture, forestry, and fishing.....	279.1	278.6	290.6	302.8
5	Farms.....	214.6	207.5	214.3	221.3
6	Agricultural services, forestry, and fishing.....	64.4	71.1	76.3	81.4
7	Mining.....	165.5	171.5	244.3	251.9
8	Metal mining.....	10.9	9.5	10.0	9.1
9	Coal mining.....	26.9	25.3	24.9	26.0
10	Oil and gas extraction.....	109.1	117.5	190.6	197.5
11	Nonmetallic minerals, except fuels.....	18.5	19.2	18.9	19.3
12	Construction.....	633.8	690.0	731.6	748.3
13	Manufacturing.....	3,943.3	4,088.5	4,264.3	3,939.5
14	Durable goods.....	2,188.1	2,289.9	2,332.3	2,070.8
15	Lumber and wood products.....	113.6	121.9	116.9	108.5
16	Furniture and fixtures.....	64.9	68.2	70.0	62.3
17	Stone, clay, and glass products.....	91.7	95.0	95.7	87.6
18	Primary metal industries.....	187.3	177.6	178.6	147.6
19	Fabricated metal products.....	236.4	238.8	247.1	229.8
20	Industrial machinery and equipment.....	399.4	397.9	415.3	355.6
21	Electronic and other electric equipment.....	340.3	371.0	417.3	324.0
22	Motor vehicles and equipment.....	369.8	423.7	396.2	353.2
23	Other transportation equipment.....	174.7	178.8	168.0	175.4
24	Instruments and related products.....	157.6	162.2	170.1	172.3
25	Miscellaneous manufacturing industries.....	52.3	54.5	57.0	54.3
26	Nondurable goods.....	1,755.2	1,798.7	1,932.0	1,868.7
27	Food and kindred products.....	478.9	476.4	485.0	503.2
28	Tobacco products.....	45.2	50.4	56.0	57.5
29	Textile mill products.....	80.3	75.9	73.6	66.2
30	Apparel and other textile products.....	76.2	77.7	75.4	70.4
31	Paper and allied products.....	162.0	164.2	173.4	160.4
32	Printing and publishing.....	213.8	221.4	229.8	217.0
33	Chemicals and allied products.....	392.8	396.6	425.1	403.4
34	Petroleum and coal products.....	134.9	158.4	228.0	211.8
35	Rubber and miscellaneous plastics products.....	162.5	169.4	177.3	171.3
36	Leather and leather products.....	8.7	8.3	8.4	7.6
37	Private services-producing industries.....	8,934.3	9,536.2	10,346.0	10,693.8
38	Transportation and public utilities.....	1,306.5	1,389.9	1,547.1	1,594.8
39	Transportation.....	541.8	575.2	619.0	603.0
40	Railroad transportation.....	42.0	42.0	42.7	42.9
41	Local and interurban passenger transit.....	27.1	27.7	28.7	29.7
42	Trucking and warehousing.....	246.1	265.7	283.2	284.4
43	Water transportation.....	38.8	41.2	47.9	45.4
44	Transportation by air.....	134.9	142.0	156.6	140.8
45	Pipelines, except natural gas.....	7.4	7.8	7.9	8.1
46	Transportation services.....	45.5	48.8	52.0	51.8
47	Communications.....	422.3	476.9	532.3	566.5
48	Telephone and telegraph.....	327.4	371.2	413.6	445.3
49	Radio and television.....	94.9	105.7	118.7	121.2
50	Electric, gas, and sanitary services.....	342.4	337.8	395.8	425.3
51	Wholesale trade.....	844.3	903.3	964.6	943.3
52	Retail trade.....	1,184.2	1,275.0	1,360.7	1,403.9
53	Finance, insurance, and real estate.....	2,637.3	2,778.8	3,011.3	3,106.0
54	Depository institutions.....	413.7	439.5	476.1	482.4
55	Nondepository institutions.....	134.4	151.5	164.7	167.4
56	Security and commodity brokers.....	255.5	273.0	330.7	274.6
57	Insurance carriers.....	288.3	291.2	296.7	308.6
58	Insurance agents, brokers, and service.....	91.2	99.0	106.6	103.4
59	Real estate.....	1,408.5	1,483.8	1,581.3	1,698.2
60	Nonfarm housing services.....	832.1	882.5	926.4	982.0
61	Other real estate.....	576.4	601.2	654.9	716.1
62	Holding and other investment offices.....	45.7	40.7	55.2	71.4
63	Services.....	2,962.0	3,189.3	3,462.3	3,645.9
64	Hotels and other lodging places.....	121.9	131.1	144.6	138.8
65	Personal services.....	94.5	100.5	106.6	110.2
66	Business services.....	676.9	759.9	844.4	869.3
67	Auto repair, services, and parking.....	140.2	148.6	157.2	163.3
68	Miscellaneous repair services.....	51.8	53.9	56.7	58.8
69	Motion pictures.....	63.6	69.6	74.6	76.5
70	Amusement and recreation services.....	127.9	136.4	144.8	149.5
71	Health services.....	762.2	794.1	839.4	911.3
72	Legal services.....	153.0	162.6	170.1	183.6
73	Educational services.....	117.3	125.5	132.9	140.3
74	Social services.....	111.3	122.2	136.3	152.1
75	Membership organizations.....	102.8	105.8	113.2	118.0
76	Other services.....	424.7	466.3	525.9	562.3
77	Private households.....	14.0	12.7	13.6	11.9
78	Government.....	1,185.7	1,238.4	1,307.1	1,374.9
79	Federal.....	374.1	385.6	403.2	413.9
80	General government.....	298.6	307.6	323.4	332.8
81	Government enterprises.....	75.6	78.0	79.8	81.1
82	State and local.....	811.6	852.8	903.9	961.0
83	General government.....	681.2	715.9	758.7	807.0
84	Government enterprises.....	130.3	136.9	145.2	154.0

**Table 10.A. Percent Changes in Chain-Type Quantity Indexes
for Gross Output by Industry**

Line	1999	2000	2001	Average annual rate of change 1995-2000
1	4.5	4.1	-0.8	4.6
2	4.8	4.2	-1.0	4.8
3	3.9	2.1	-5.3	4.0
4	3.2	2.4	0.1	3.2
5	2.4	2.1	-1.3	2.7
6	5.7	3.4	4.0	4.7
7	-3.6	3.4	2.0	0.9
8	-7.2	-1.0	-3.0	-0.5
9	-1.7	-2.7	4.8	0.6
10	-4.5	5.3	2.1	0.7
11	1.3	-0.5	0.7	2.1
12	4.5	1.8	-1.5	3.8
13	4.2	2.1	-6.7	4.2
14	7.2	3.7	-8.9	6.7
15	4.6	-2.0	-5.8	1.9
16	3.9	1.3	-12.0	4.4
17	0.9	-0.8	-9.1	3.3
18	-1.1	-3.3	-14.8	1.5
19	0.5	2.7	-7.4	3.3
20	5.7	7.4	-11.0	9.4
21	19.4	24.9	-13.4	18.0
22	14.1	-6.5	-10.3	4.2
23	1.3	-8.3	2.0	4.2
24	3.3	4.7	0.6	3.2
25	3.3	4.1	-5.8	3.2
26	0.5	0.1	-4.1	1.3
27	-0.1	0.1	0.4	1.2
28	-12.9	1.0	-6.3	-2.6
29	-3.1	-2.9	-9.8	-1.2
30	1.7	-3.3	-6.6	-0.9
31	1.3	-1.9	-7.3	0.2
32	1.6	1.0	-8.2	1.2
33	0.5	1.4	-5.4	2.4
34	2.5	-2.1	-0.9	1.1
35	4.2	2.4	-4.1	4.1
36	-4.7	-0.5	-12.7	-1.6
37	5.3	5.4	1.3	5.3
38	6.2	7.6	2.0	5.7
39	4.1	3.7	-3.6	4.2
40	0.5	0.3	-1.4	0.7
41	1.5	-0.6	1.2	2.4
42	4.9	2.7	-2.6	4.1
43	1.7	11.6	-7.9	4.7
44	3.8	6.1	-6.3	5.4
45	5.7	-2.4	-4.4	0.1
46	6.5	2.0	-1.0	6.2
47	14.8	13.2	11.1	11.4
48	17.3	15.5	12.2	13.4
49	6.7	5.5	7.0	4.7
50	-0.9	6.7	-1.0	1.5
51	7.2	4.5	-0.9	6.0
52	7.2	5.8	1.9	5.5
53	3.9	4.8	0.5	4.8
54	3.6	3.7	1.3	2.9
55	13.5	6.3	-5.8	12.3
56	17.9	23.1	-18.6	23.4
57	-2.1	-4.1	4.8	-1.5
58	5.7	3.1	-6.4	4.1
59	2.5	3.2	3.6	3.2
60	3.2	1.8	2.0	2.2
61	1.5	5.1	5.9	4.7
62	-16.0	22.3	27.2	7.9
63	4.8	5.0	2.1	5.3
64	2.6	6.8	-8.3	3.2
65	3.7	2.8	-0.6	2.7
66	9.9	7.8	2.1	11.1
67	4.5	2.5	2.3	4.1
68	-1.1	1.2	-3.1	1.0
69	4.5	1.5	-0.5	3.0
70	2.2	1.3	-0.9	3.9
71	2.0	2.9	4.7	2.6
72	3.6	1.1	3.0	2.9
73	3.4	1.8	2.1	2.7
74	6.6	8.4	5.7	5.0
75	-1.9	2.1	0.5	1.1
76	6.9	9.2	2.7	7.9
77	-11.6	2.2	-15.6	-0.4
78	1.4	2.1	1.7	1.3
79	0.0	1.6	-0.2	-0.1
80	-0.4	1.5	0.7	-0.7
81	1.5	2.1	-3.6	2.4
82	2.1	2.3	2.6	2.0
83	1.7	2.4	2.7	1.9
84	3.7	2.0	2.1	2.3

**Table 11. Chain-Type Price Indexes
for Gross Output by Industry, 1998-2001**
[1996=100]

Line	1998	1999	2000	2001
1	101.18	102.31	105.56	107.14
2	100.85	101.82	105.04	106.45
3	96.82	97.04	100.55	100.59
4	92.75	89.77	91.40	95.12
5	90.02	85.01	85.98	89.93
6	103.70	108.30	112.44	115.38
7	87.14	93.70	129.17	130.53
8	82.74	77.84	82.56	78.06
9	95.18	90.86	92.02	91.66
10	83.95	94.68	145.83	148.07
11	101.29	103.65	102.58	104.07
12	106.25	110.74	115.39	119.85
13	96.19	95.74	97.84	96.89
14	94.73	92.51	90.87	88.59
15	102.01	104.62	102.40	100.89
16	102.49	103.63	105.00	106.26
17	103.09	105.90	107.52	108.27
18	96.41	92.45	96.12	93.22
19	102.04	102.54	103.36	103.79
20	87.73	82.73	80.35	77.32
21	82.66	75.48	67.93	60.90
22	98.11	98.56	98.54	97.95
23	101.56	102.61	105.13	107.56
24	100.71	100.38	100.50	101.22
25	101.57	102.44	102.92	104.12
26	97.99	99.90	107.25	108.13
27	98.07	97.69	99.37	102.68
28	116.15	148.53	163.36	179.06
29	100.02	97.49	97.38	97.05
30	101.69	101.90	102.31	102.19
31	98.20	98.22	105.70	105.48
32	104.87	106.92	109.91	113.08
33	100.39	100.89	106.61	106.91
34	76.39	87.54	128.73	120.67
35	99.34	99.39	101.61	102.39
36	100.98	100.63	102.12	106.04
37	103.29	104.71	107.76	109.93
38	102.72	102.89	106.40	107.52
39	104.88	107.01	111.05	112.20
40	102.30	101.66	103.04	104.88
41	101.34	102.05	106.14	108.58
42	107.38	110.48	114.72	118.32
43	102.13	106.67	111.17	114.25
44	104.42	105.91	110.06	105.70
45	96.79	96.55	100.48	108.13
46	101.80	102.50	107.16	107.73
47	101.61	99.95	98.53	94.42
48	98.69	95.41	92.04	88.28
49	112.36	117.38	124.90	119.25
50	100.73	100.29	110.19	119.58
51	93.97	93.75	95.80	94.51
52	100.16	100.56	101.40	102.63
53	106.19	107.67	111.28	114.23
54	113.69	116.63	121.80	121.83
55	102.16	101.46	103.80	111.96
56	94.27	95.47	84.08	85.74
57	108.69	112.17	119.21	118.36
58	107.04	109.95	114.87	119.07
59	105.60	108.52	112.10	116.18
60	106.20	109.14	112.51	116.94
61	104.76	107.65	111.52	115.11
62	119.46	126.72	140.51	142.91
63	105.26	108.14	111.77	115.28
64	111.28	116.69	120.49	126.21
65	105.03	107.70	111.12	115.58
66	103.35	105.61	108.84	109.79
67	104.55	106.00	109.37	111.05
68	105.22	110.71	115.23	123.17
69	103.76	108.82	114.76	118.32
70	105.73	110.26	115.54	120.43
71	104.90	107.19	110.16	114.20
72	107.70	110.41	114.27	119.73
73	107.24	110.88	115.42	119.38
74	106.14	109.40	114.19	118.88
75	106.61	111.92	117.26	121.71
76	105.53	108.39	111.92	116.52
77	105.44	108.49	113.22	117.43
78	105.00	108.14	111.81	115.61
79	103.41	106.58	109.68	112.81
80	104.30	107.85	111.74	114.23
81	99.89	101.63	101.84	107.33
82	105.76	108.89	112.82	116.93
83	106.04	109.52	113.41	117.47
84	104.34	105.66	109.80	114.14

Table 11.A. Percent Changes in Chain-Type Price Indexes for Gross Output by Industry

Line		1999	2000	2001	Average annual rate of change 1999-2000
1	All industries	1.1	3.2	1.5	1.4
2	Private goods	1.0	3.2	1.3	1.3
3	Private goods-producing industries	0.2	3.6	0.0	0.3
4	Agriculture, forestry, and fishing	-3.2	1.8	4.1	-0.1
5	Farms	-5.6	1.1	4.6	-1.1
6	Agricultural services, forestry, and fishing	4.4	3.8	2.6	3.0
7	Mining	7.5	37.9	1.1	8.4
8	Metal mining	-5.9	6.1	-3.4	-5.2
9	Coal mining	-4.5	1.3	-0.4	-2.0
10	Oil and gas extraction	12.3	54.0	1.5	13.0
11	Nonmetallic minerals, except fuels	2.3	-1.0	1.5	0.8
12	Construction	4.2	4.2	3.9	3.4
13	Manufacturing	-0.5	2.2	-1.0	-0.5
14	Durable goods	-2.3	-1.8	-2.5	-2.4
15	Lumber and wood products	2.6	-2.1	-1.5	0.3
16	Furniture and fixtures	1.1	1.3	1.2	1.5
17	Stone, clay, and glass products	2.7	1.5	0.7	1.8
18	Primary metal industries	-4.1	4.0	-3.0	-1.6
19	Fabricated metal products	0.5	0.8	0.4	0.9
20	Industrial machinery and equipment	-5.7	-2.9	-3.8	-5.3
21	Electronic and other electric equipment	-8.7	-10.0	-10.4	-9.2
22	Motor vehicles and equipment	0.5	0.0	-0.6	-0.2
23	Other transportation equipment	1.0	2.5	2.3	1.4
24	Instruments and related products	-0.3	0.1	0.7	0.2
25	Miscellaneous manufacturing industries	0.9	0.5	1.2	0.9
26	Nondurable goods	1.9	7.4	0.8	1.9
27	Food and kindred products	-0.4	1.7	3.3	0.8
28	Tobacco products	27.9	10.0	9.6	10.8
29	Textile mill products	-2.5	-0.1	-0.3	-0.3
30	Apparel and other textile products	0.2	0.4	-0.1	0.8
31	Paper and allied products	0.0	7.6	-0.2	-0.2
32	Printing and publishing	2.0	2.8	2.9	2.6
33	Chemicals and allied products	0.5	5.7	0.3	1.3
34	Petroleum and coal products	14.6	47.1	-6.3	7.7
35	Rubber and miscellaneous plastics products	0.1	2.2	0.8	0.3
36	Leather and leather products	-0.3	1.5	3.8	0.2
37	Private services-producing industries	1.4	2.9	2.0	1.9
38	Transportation and public utilities	0.2	3.4	1.0	1.5
39	Transportation	2.0	3.8	1.0	2.1
40	Railroad transportation	-0.6	1.4	1.8	0.6
41	Local and interurban passenger transit	0.7	4.0	2.3	2.2
42	Trucking and warehousing	2.9	3.8	3.1	3.0
43	Water transportation	4.4	4.2	2.8	2.2
44	Transportation by air	1.4	3.9	-4.0	1.4
45	Pipelines, except natural gas	-0.2	4.1	7.6	-1.0
46	Transportation services	0.7	4.5	0.5	1.5
47	Communications	-1.6	-1.4	-4.2	-0.3
48	Telephone and telegraph	-3.3	-3.5	-4.1	-2.0
49	Radio and television	4.5	6.4	-4.5	6.0
50	Electric, gas, and sanitary services	-0.4	9.9	8.5	2.9
51	Wholesale trade	-0.2	2.2	-1.3	-1.3
52	Retail trade	0.4	0.8	1.2	0.3
53	Finance, insurance, and real estate	1.4	3.4	2.6	2.8
54	Depository institutions	2.6	4.4	0.0	5.1
55	Nondepository institutions	-0.7	2.3	7.9	1.1
56	Security and commodity brokers	-9.3	-1.6	2.0	-3.5
57	Insurance carriers	3.2	6.3	-0.7	4.7
58	Insurance agents, brokers, and service	2.7	4.5	3.7	5.9
59	Real estate	2.8	3.3	3.6	2.8
60	Nonfarm housing services	2.8	3.1	3.9	3.0
61	Other real estate	2.8	3.6	3.2	2.6
62	Holding and other investment offices	6.1	10.9	1.7	8.4
63	Services	2.7	3.4	3.1	2.8
64	Hotels and other lodging places	4.9	3.3	4.8	4.2
65	Personal services	2.5	3.2	4.0	2.7
66	Business services	2.2	3.1	0.9	2.1
67	Auto repair, services, and parking	1.4	3.2	1.5	2.1
68	Miscellaneous repair services	5.2	4.1	6.9	3.7
69	Motion pictures	4.9	5.5	3.1	3.7
70	Amusement and recreation services	4.3	4.8	4.2	3.6
71	Health services	2.2	2.8	3.7	2.4
72	Legal services	2.5	3.5	4.8	3.4
73	Educational services	3.4	4.1	3.4	3.6
74	Social services	3.1	4.4	4.1	3.3
75	Membership organizations	5.0	4.8	3.8	3.9
76	Other services	2.7	3.3	4.1	2.8
77	Private households	2.9	4.4	3.7	3.1
78	Government	3.0	3.4	3.4	2.8
79	Federal	3.1	2.9	2.8	2.6
80	General government	3.4	3.6	2.2	3.1
81	Government enterprises	1.7	0.2	5.4	0.4
82	State and local	3.0	3.6	3.6	3.0
83	General government	3.3	3.5	3.6	3.0
84	Government enterprises	1.3	3.9	4.0	2.6

Table 12. Chain-Type Quantity Indexes for Intermediate Inputs by Industry, 1998-2001 [1996=100]

Line		1998	1999	2000	2001
1	All industries	110.50	115.63	119.39	116.58
2	Private industries	110.60	115.77	119.66	116.77
3	Private goods-producing industries	111.50	115.33	116.56	109.57
4	Agriculture, forestry, and fishing	105.25	105.88	103.79	105.57
5	Farms	105.88	105.20	102.19	103.24
6	Agricultural services, forestry, and fishing	100.45	110.96	115.83	123.38
7	Mining	95.78	93.23	118.10	116.71
8	Metal mining	85.35	60.62	68.69	50.35
9	Coal mining	102.68	91.48	95.34	93.09
10	Oil and gas extraction	93.39	96.32	136.94	137.44
11	Nonmetallic minerals, except fuels	103.80	109.41	87.49	87.48
12	Construction	103.72	106.85	106.93	105.47
13	Manufacturing	113.24	117.55	118.25	109.86
14	Durable goods	115.67	124.54	124.61	110.64
15	Lumber and wood products	108.65	115.41	110.38	104.58
16	Furniture and fixtures	119.72	124.60	125.84	107.19
17	Stone, clay, and glass products	110.54	110.44	109.35	99.27
18	Primary metal industries	109.31	105.75	101.61	82.63
19	Fabricated metal products	115.79	115.79	116.56	110.53
20	Industrial machinery and equipment	111.25	117.62	117.09	103.94
21	Electronic and other electric equipment	125.28	150.79	187.98	139.59
22	Motor vehicles and equipment	113.40	134.82	121.70	107.65
23	Other transportation equipment	136.19	132.68	116.83	118.85
24	Instruments and related products	114.65	122.63	126.80	135.50
25	Miscellaneous manufacturing industries	105.16	101.77	94.30	92.99
26	Nondurable goods	110.55	109.85	111.22	108.37
27	Food and kindred products	113.57	110.36	113.88	116.19
28	Tobacco products	110.63	121.82	131.84	134.69
29	Textile mill products	103.70	101.33	96.67	87.59
30	Apparel and other textile products	103.33	111.09	105.04	96.87
31	Paper and allied products	105.23	107.45	107.40	98.99
32	Printing and publishing	108.62	106.66	108.99	102.00
33	Chemicals and allied products	115.36	113.46	115.17	107.25
34	Petroleum and coal products	106.79	103.20	104.03	107.11
35	Rubber and miscellaneous plastics products	109.97	114.97	115.45	112.42
36	Leather and leather products	100.08	105.54	95.89	85.01
37	Private services-producing industries	109.72	116.07	122.32	123.06
38	Transportation and public utilities	118.85	124.78	135.61	141.61
39	Transportation	110.40	114.78	117.32	113.98
40	Railroad transportation	105.94	110.01	96.15	92.78
41	Local and interurban passenger transit	104.30	94.39	89.13	92.15
42	Trucking and warehousing	109.90	115.36	117.99	116.06
43	Water transportation	102.59	110.39	123.05	109.30
44	Transportation by air	113.04	114.78	123.74	118.29
45	Pipelines, except natural gas	61.75	72.56	70.58	72.38
46	Transportation services	141.13	148.53	135.92	141.11
47	Communications	137.71	165.91	189.57	208.12
48	Telephone and telegraph	141.77	173.10	200.37	224.90
49	Radio and television	122.66	139.76	151.06	150.08
50	Electric, gas, and sanitary services	114.55	99.48	112.56	122.90
51	Wholesale trade	91.46	99.02	100.14	97.50
52	Retail trade	99.85	109.95	113.13	109.67
53	Finance, insurance, and real estate	106.39	110.23	112.77	108.40
54	Depository institutions	105.54	99.16	100.42	102.43
55	Nondepository institutions	108.40	122.71	119.74	93.10
56	Security and commodity brokers	175.65	229.28	280.50	153.72
57	Insurance carriers	93.93	91.31	73.10	85.62
58	Insurance agents, brokers, and service	133.16	141.61	164.80	132.51
59	Real estate	98.32	97.54	99.80	111.03
60	Nonfarm housing services	113.98	112.04	107.89	122.22
61	Other real estate	93.60	93.16	97.37	107.65
62	Holding and other investment offices	110.45	115.41	128.31	115.86
63	Services	116.93	123.92	133.77	139.02
64	Hotels and other lodging places	115.76	120.03	129.36	110.10
65	Personal services	97.50	107.14	116.07	113.57
66	Business services	146.33	161.82	191.86	203.16
67	Auto repair, services, and parking	105.53	104.00	104.79	105.88
68	Miscellaneous repair services	112.80	118.62	116.06	126.58
69	Motion pictures	102.84	110.50	115.50	109.25
70	Amusement and recreation services	106.55	114.91	118.21	117.83
71	Health services	116.29	118.18	119.78	130.03
72	Legal services	96.08	100.21	88.33	91.30
73	Educational services	105.34	110.87	111.54	111.01
74	Social services	107.26	118.53	133.83	143.44
75	Membership organizations	102.67	98.99	104.29	106.68
76	Other services	119.11	131.02	150.19	157.16
77	Private households				
78	Government	103.12	105.96	100.87	102.79
79	Federal	86.07	92.88	76.07	97.08
80	General government				
81	Government enterprises	86.07	92.88	76.07	97.08
82	State and local	107.57	109.38	107.30	104.41
83	General government				
84	Government enterprises	107.57	109.38	107.30	104.41

Table 12.A. Percent Changes in Chain-Type Quantity Indexes for Intermediate Inputs by Industry

Line		1999	2000	2001	Average annual rate of change 1995-2000
1	All industries	4.6	3.2	-2.4	4.6
2	Private industries	4.7	3.4	-2.4	4.6
3	Private goods-producing industries	3.4	1.1	-6.0	3.9
4	Agriculture, forestry, and fishing	0.6	-2.0	1.7	0.6
5	Farms	-0.6	-2.9	1.0	0.2
6	Agricultural services, forestry, and fishing	10.5	4.4	6.5	4.3
7	Mining	-2.7	26.7	-1.2	4.9
8	Metal mining	-29.0	13.3	-26.7	-7.5
9	Coal mining	-10.9	4.2	-2.4	-1.3
10	Oil and gas extraction	3.1	42.2	0.4	9.9
11	Nonmetallic minerals, except fuels	5.4	-20.0	0.0	-3.7
12	Construction	3.0	0.1	-1.4	2.3
13	Manufacturing	3.8	0.6	-7.1	4.2
14	Durable goods	7.7	0.0	-11.2	6.0
15	Lumber and wood products	6.2	-4.4	-5.9	3.1
16	Furniture and fixtures	4.1	1.0	-14.8	5.3
17	Stone, clay, and glass products	-0.1	-1.0	-9.2	4.0
18	Primary metal industries	-3.3	-3.9	-18.7	1.1
19	Fabricated metal products	0.0	0.7	-5.2	3.9
20	Industrial machinery and equipment	5.7	0.7	-11.2	6.0
21	Electronic and other electric equipment	20.4	24.7	-25.7	16.6
22	Motor vehicles and equipment	18.9	-8.7	-11.5	4.9
23	Other transportation equipment	-2.6	-12.0	1.7	4.2
24	Instruments and related products	7.0	3.4	6.9	5.3
25	Miscellaneous manufacturing industries	-3.2	-7.3	-1.4	-0.1
26	Nondurable goods	-0.6	1.2	-2.6	2.2
27	Food and kindred products	-2.8	3.2	2.0	3.0
28	Tobacco products	10.1	6.2	2.2	6.9
29	Textile mill products	-2.3	-4.6	-9.4	-0.7
30	Apparel and other textile products	7.5	-5.4	-7.8	0.6
31	Paper and allied products	2.1	0.0	-7.9	0.2
32	Printing and publishing	-1.8	2.2	-6.4	2.0
33	Chemicals and allied products	-1.6	1.5	-6.9	2.8
34	Petroleum and coal products	-3.4	0.6	3.0	0.7
35	Rubber and miscellaneous plastics products	4.5	0.4	-2.6	3.4
36	Leather and leather products	5.5	-9.2	-11.3	5.0
37	Private services-producing industries	5.8	5.4	0.6	5.3
38	Transportation and public utilities	5.0	8.7	4.4	7.6
39	Transportation	4.0	2.2	-2.8	3.7
40	Railroad transportation	3.8	-12.6	-3.5	-0.9
41	Local and interurban passenger transit	-9.5	-5.6	3.4	-2.4
42	Trucking and warehousing	5.0	2.3	-1.6	4.4
43	Water transportation	7.6	11.5	-11.2	5.3
44	Transportation by air	1.5	7.8	-4.4	4.3
45	Pipelines, except natural gas	17.5	-2.7	2.5	-12.0
46	Transportation services	5.2	-8.5	3.8	5.3
47	Communications	20.5	14.3	9.8	17.6
48	Telephone and telegraph	22.1	15.8	12.2	18.2
49	Radio and television	13.9	8.1	-0.7	15.4
50	Electric, gas, and sanitary services	-13.2	13.2	9.2	2.6
51	Wholesale trade	8.3	1.1	-2.6	-0.6
52	Retail trade	10.1	2.9	-3.1	2.5
53	Finance, insurance, and real estate	3.6	2.3	-3.9	4.1
54	Depository institutions	-6.0	1.3	2.0	1.2
55	Nondepository institutions	13.2	-2.4	-22.3	8.3
56	Security and commodity brokers	30.5	22.3	-45.2	22.9
57	Insurance carriers	-2.8	-19.9	17.1	-6.2
58	Insurance agents, brokers, and service	6.3	16.4	-19.5	9.7
59	Real estate	-0.8	2.3	11.3	2.3
60	Nonfarm housing services	-1.7	-3.7	13.3	1.9
61	Other real estate	-0.5	4.5	10.6	2.4
62	Holding and other investment offices	4.5	11.2	-9.7	6.1
63	Services	6.0	8.0	3.9	7.7
64	Hotels and other lodging places	3.7	7.8	-14.9	5.5
65	Personal services	9.9	8.3	-2.2	3.7
66	Business services	10.6	18.6	5.9	17.4
67	Auto repair, services, and parking	-1.5	0.8	1.0	2.5
68	Miscellaneous repair services	5.2	-2.2	9.1	3.0
69	Motion pictures	7.5	4.5	-5.4	2.7
70	Amusement and recreation services	7.8	2.9	-0.3	5.2
71	Health services	1.6	1.4	8.6	3.9
72	Legal services	4.3	-11.9	3.4	5.6
73	Educational services	5.2	0.6	-0.5	3.9
74	Social services	10.5	12.9	7.2	7.5
75	Membership organizations	-3.6	5.4	4.2	2.8
76	Other services	10.0	14.6	4.6	11.3
77	Private households				
78	Government	2.8	-4.8	1.9	0.9
79	Federal	7.9	-18.1	27.6	-2.5
80	General government				
81	Government enterprises	7.9	-18.1	27.6	-2.5
82	State and local	1.7	-1.9	-2.7	1.6
83	General government				
84	Government enterprises	1.7	-1.9	-2.7	1.6

Table 13. Chain-Type Price Indexes for Intermediate Inputs by Industry, 1998-2001
[1996=100]

Line		1998	1999	2000	2001
1	All industries	98.92	99.93	104.60	105.36
2	Private industries	98.90	99.88	104.52	105.25
3	Private goods-producing industries	95.33	95.53	100.39	99.57
4	Agriculture, forestry, and fishing	97.03	96.34	101.80	103.80
5	Farms	97.10	96.47	102.41	104.53
6	Agricultural services, forestry, and fishing	96.58	95.44	97.68	98.89
7	Mining	92.55	98.19	128.05	131.49
8	Metal mining	95.55	96.00	102.46	102.27
9	Coal mining	98.89	99.30	103.28	104.49
10	Oil and gas extraction	88.88	97.70	140.46	144.99
11	Nonmetallic minerals, except fuels	97.35	99.69	107.09	108.35
12	Construction	102.45	104.03	106.20	106.86
13	Manufacturing	94.59	94.58	98.95	97.68
14	Durable goods	95.77	94.11	94.70	92.80
15	Lumber and wood products	100.57	102.78	103.28	100.99
16	Furniture and fixtures	100.40	100.58	103.21	102.89
17	Stone, clay, and glass products	101.16	102.35	106.37	106.14
18	Primary metal industries	95.99	94.06	98.88	97.00
19	Fabricated metal products	99.59	97.47	100.94	99.91
20	Industrial machinery and equipment	92.16	88.91	88.05	84.96
21	Electronic and other electric equipment	90.01	86.64	84.53	80.70
22	Motor vehicles and equipment	97.40	96.50	96.92	96.05
23	Other transportation equipment	100.79	101.12	102.74	103.21
24	Instruments and related products	92.64	90.08	89.23	86.71
25	Miscellaneous manufacturing industries	99.32	99.43	102.55	102.55
26	Nondurable goods	93.25	95.21	104.23	103.71
27	Food and kindred products	94.69	92.73	94.69	98.40
28	Tobacco products	101.59	102.59	106.44	108.78
29	Textile mill products	97.05	92.85	95.09	92.88
30	Apparel and other textile products	101.01	99.18	100.42	101.04
31	Paper and allied products	97.71	96.75	101.98	102.03
32	Printing and publishing	99.80	99.78	103.79	105.01
33	Chemicals and allied products	96.46	98.63	108.51	109.16
34	Petroleum and coal products	68.01	88.32	129.71	113.84
35	Rubber and miscellaneous plastics products	97.88	98.10	104.15	104.03
36	Leather and leather products	97.08	96.04	101.35	105.78
37	Private services-producing industries	102.43	104.15	108.58	110.70
38	Transportation and public utilities	97.35	100.03	109.58	110.27
39	Transportation	97.77	101.54	110.96	111.09
40	Railroad transportation	97.14	99.38	107.94	106.70
41	Local and interurban passenger transit	91.56	96.39	108.21	106.29
42	Trucking and warehousing	98.69	102.81	111.38	112.18
43	Water transportation	101.32	104.17	110.49	112.14
44	Transportation by air	93.56	97.56	112.40	102.28
45	Pipelines, except natural gas	98.43	100.74	107.59	109.17
46	Transportation services	103.52	106.17	110.37	111.79
47	Communications	99.54	98.76	99.60	98.58
48	Telephone and telegraph	98.42	96.70	96.75	95.08
49	Radio and television	104.21	107.70	112.34	114.81
50	Electric, gas, and sanitary services	93.86	99.58	124.52	129.32
51	Wholesale trade	99.35	100.11	102.77	103.49
52	Retail trade	102.79	105.08	109.04	112.17
53	Finance, insurance, and real estate	107.74	109.71	113.21	117.15
54	Depository institutions	105.99	108.35	112.66	117.70
55	Nondepository institutions	108.68	110.40	114.89	121.99
56	Security and commodity brokers	103.78	103.22	104.77	105.80
57	Insurance carriers	106.41	108.98	113.23	117.17
58	Insurance agents, brokers, and service	103.70	105.26	108.75	110.78
59	Real estate	109.49	112.02	115.60	119.57
60	Nonfarm housing services	106.69	110.62	114.25	120.18
61	Other real estate	110.43	112.44	116.00	119.29
62	Holding and other investment offices	109.37	112.25	116.46	123.47
63	Services	101.37	102.42	105.35	106.90
64	Hotels and other lodging places	103.85	105.85	109.89	113.74
65	Personal services	103.60	105.74	109.69	112.84
66	Business services	96.34	95.12	96.04	95.16
67	Auto repair, services, and parking	100.36	102.26	106.26	107.75
68	Miscellaneous repair services	98.84	99.59	102.02	102.32
69	Motion pictures	104.26	108.35	113.54	116.96
70	Amusement and recreation services	103.36	105.84	110.08	113.56
71	Health services	101.86	103.01	106.11	108.02
72	Legal services	104.65	107.54	111.76	115.25
73	Educational services	103.16	104.74	107.77	109.92
74	Social services	102.05	103.98	107.76	110.26
75	Membership organizations	101.87	102.80	105.65	107.66
76	Other services	103.86	105.53	109.17	111.65
77	Private households				
78	Government	100.43	103.36	111.43	114.46
79	Federal	100.12	102.84	108.67	110.23
80	General government				
81	Government enterprises	100.12	102.84	108.67	110.23
82	State and local	100.51	103.48	112.02	115.36
83	General government				
84	Government enterprises	100.51	103.48	112.02	115.36

Table 13.A. Percent Changes in Chain-Type Price Indexes for Intermediate Inputs by Industry

Line		1999	2000	2001	Average annual rate of change 1995-2000
1	All industries	1.0	4.7	0.7	1.2
2	Private goods	1.0	4.6	0.7	1.2
3	Private goods-producing industries	0.2	5.1	-0.8	0.2
4	Agriculture, forestry, and fishing	-0.7	5.7	2.0	1.5
5	Farms	-0.7	6.2	2.1	1.7
6	Agricultural services, forestry, and fishing	-1.2	2.4	1.2	0.4
7	Mining	6.1	30.4	2.7	7.7
8	Metal mining	0.5	6.7	-0.2	0.7
9	Coal mining	0.4	4.0	1.2	1.0
10	Oil and gas extraction	9.9	43.8	3.2	11.6
11	Nonmetallic minerals, except fuels	2.4	7.4	1.2	2.1
12	Construction	1.5	2.1	0.6	1.5
13	Manufacturing	0.0	4.6	-1.3	-0.2
14	Durable goods	-1.7	0.6	-2.0	-1.6
15	Lumber and wood products	2.2	0.5	-2.2	0.6
16	Furniture and fixtures	0.2	2.6	-0.3	0.7
17	Stone, clay, and glass products	1.2	3.9	1.7	1.6
18	Primary metal industries	-2.0	5.1	-1.9	-0.8
19	Fabricated metal products	-2.1	3.6	-1.0	-0.0
20	Industrial machinery and equipment	-3.5	-1.0	-3.5	-3.4
21	Electronic and other electric equipment	-3.7	-2.4	-4.5	-4.6
22	Motor vehicles and equipment	-0.9	0.4	-0.9	-0.8
23	Other transportation equipment	0.3	1.6	0.5	0.7
24	Instruments and related products	-2.8	-0.9	-2.8	-3.2
25	Miscellaneous manufacturing industries	0.1	3.1	0.0	0.6
26	Nondurable goods	2.1	9.5	-0.5	1.4
27	Food and kindred products	-2.1	2.1	3.9	-0.5
28	Tobacco products	1.0	3.8	2.2	1.5
29	Textile mill products	-4.3	2.4	-2.3	-1.1
30	Apparel and other textile products	-1.8	1.2	0.6	0.3
31	Paper and allied products	-1.0	5.4	0.1	-0.3
32	Printing and publishing	0.0	4.0	1.2	0.5
33	Chemicals and allied products	2.3	10.0	0.6	2.0
34	Petroleum and coal products	29.9	46.9	-12.2	8.8
35	Rubber and miscellaneous plastics products	0.2	6.2	-0.1	0.5
36	Leather and leather products	-1.1	5.5	4.4	-0.3
37	Private services-producing industries	1.7	4.3	2.0	2.1
38	Transportation and public utilities	2.8	9.5	0.6	2.9
39	Transportation	3.9	9.3	0.1	2.9
40	Railroad transportation	2.3	8.6	-1.1	2.6
41	Local and interurban passenger transit	5.3	12.3	-1.8	2.4
42	Trucking and warehousing	4.2	8.3	0.7	2.9
43	Water transportation	2.8	6.1	1.5	2.5
44	Transportation by air	4.3	15.2	-1.9	3.3
45	Pipelines, except natural gas	2.3	6.8	-1.5	2.0
46	Transportation services	2.6	4.0	1.3	2.5
47	Communications	-0.8	0.8	-1.0	0.0
48	Telephone and telegraph	-1.7	0.1	-1.7	-0.7
49	Radio and television	3.3	4.3	2.2	3.0
50	Electric, gas, and sanitary services	6.1	25.1	3.8	7.0
51	Wholesale trade	0.8	2.7	0.7	0.6
52	Retail trade	2.2	3.8	2.9	2.2
53	Finance, insurance, and real estate	1.8	3.2	3.5	3.1
54	Depository institutions	2.2	4.0	4.5	3.0
55	Nondepository institutions	1.6	4.1	6.2	3.6
56	Security and commodity brokers	-0.5	1.5	1.0	1.1
57	Insurance carriers	2.4	3.9	3.5	3.2
58	Insurance agents, brokers, and service	1.5	3.3	1.9	2.0
59	Real estate	2.3	3.2	3.4	3.5
60	Nonfarm housing services	3.7	3.3	5.2	3.3
61	Other real estate	1.8	3.2	2.8	3.6
62	Holding and other investment offices	2.6	3.8	6.0	3.5
63	Services	1.0	2.9	1.5	1.3
64	Hotels and other lodging places	1.9	3.8	3.5	2.5
65	Personal services	2.1	3.7	2.9	2.4
66	Business services	-1.3	1.0	-0.9	-1.1
67	Auto repair, services, and parking	1.9	3.9	1.4	1.6
68	Miscellaneous repair services	0.8	2.4	0.3	0.5
69	Motion pictures	3.9	4.8	3.0	3.2
70	Amusement and recreation services	2.4	4.0	3.2	2.5
71	Health services	1.1	3.0	1.8	1.5
72	Legal services	2.8	3.9	3.1	2.6
73	Educational services	1.5	2.9	2.0	1.9
74	Social services	1.9	3.6	2.3	1.9
75	Membership organizations	0.9	2.8	1.9	1.4
76	Other services	1.6	3.4	2.3	2.2
77	Private households				
78	Government	2.9	7.8	2.7	3.0
79	Federal	2.7	5.7	1.4	2.1
80	General government				
81	Government enterprises	2.7	5.7	1.4	2.1
82	State and local	3.0	8.2	3.0	3.2
83	General government				
84	Government enterprises	3.0	8.2	3.0	3.2

Table 14. Current-Dollar Cost Per Unit of Real Gross Domestic Product by Private Industry Group, 1998-2001 [Dollars]

Line		1998	1999	2000	2001
1	Private industries	1.025	1.035	1.055	1.075
2	Compensation of employees	0.542	0.553	0.570	0.581
3	Indirect business tax and nontax liability	0.091	0.090	0.091	0.093
4	Property-type income	0.392	0.391	0.394	0.401
5	Private goods-producing industries	0.991	0.993	1.008	1.021
6	Compensation of employees	0.595	0.596	0.614	0.631
7	Indirect business tax and nontax liability	0.039	0.039	0.042	0.045
8	Property-type income	0.357	0.359	0.352	0.345
9	Agriculture, forestry, and fishing	0.880	0.826	0.805	0.858
10	Compensation of employees	0.319	0.322	0.316	0.351
11	Indirect business tax and nontax liability	0.048	0.047	0.045	0.048
12	Property-type income	0.513	0.457	0.444	0.459
13	Mining	0.837	0.908	1.306	1.302
14	Compensation of employees	0.299	0.299	0.359	0.371
15	Indirect business tax and nontax liability	0.098	0.101	0.135	0.140
16	Property-type income	0.441	0.508	0.813	0.791
17	Construction	1.092	1.157	1.220	1.291
18	Compensation of employees	0.706	0.742	0.791	0.842
19	Indirect business tax and nontax liability	0.025	0.026	0.027	0.028
20	Property-type income	0.361	0.389	0.403	0.421
21	Manufacturing	0.991	0.979	0.959	0.955
22	Compensation of employees	0.621	0.612	0.619	0.630
23	Indirect business tax and nontax liability	0.037	0.036	0.039	0.043
24	Property-type income	0.333	0.331	0.300	0.282
25	Durable goods	0.930	0.899	0.849	0.821
26	Compensation of employees	0.630	0.617	0.600	0.597
27	Indirect business tax and nontax liability	0.023	0.022	0.021	0.023
28	Property-type income	0.278	0.260	0.228	0.202
29	Nondurable goods	1.082	1.099	1.136	1.177
30	Compensation of employees	0.601	0.596	0.637	0.672
31	Indirect business tax and nontax liability	0.060	0.059	0.073	0.079
32	Property-type income	0.420	0.443	0.426	0.426
33	Private services-producing industries	1.038	1.050	1.073	1.095
34	Compensation of employees	0.523	0.537	0.554	0.564
35	Indirect business tax and nontax liability	0.110	0.110	0.109	0.110
36	Property-type income	0.405	0.404	0.409	0.421
37	Transportation and public utilities	1.072	1.052	1.035	1.050
38	Compensation of employees	0.471	0.478	0.480	0.490
39	Indirect business tax and nontax liability	0.108	0.105	0.102	0.105
40	Property-type income	0.492	0.469	0.453	0.455
41	Wholesale trade	0.916	0.911	0.929	0.909
42	Compensation of employees	0.506	0.507	0.514	0.507
43	Indirect business tax and nontax liability	0.191	0.184	0.180	0.180
44	Property-type income	0.219	0.219	0.235	0.222
45	Retail trade	0.988	0.983	0.976	0.980
46	Compensation of employees	0.561	0.566	0.562	0.558
47	Indirect business tax and nontax liability	0.177	0.179	0.175	0.171
48	Property-type income	0.250	0.239	0.239	0.251
49	Finance, insurance, and real estate	1.053	1.065	1.102	1.127
50	Compensation of employees	0.263	0.271	0.280	0.289
51	Indirect business tax and nontax liability	0.126	0.126	0.124	0.126
52	Property-type income	0.664	0.669	0.698	0.712
53	Services	1.077	1.118	1.159	1.208
54	Compensation of employees	0.778	0.810	0.864	0.892
55	Indirect business tax and nontax liability	0.032	0.034	0.035	0.036
56	Property-type income	0.267	0.275	0.260	0.280

Note: Current-dollar cost per unit of real gross domestic product by industry equals the gross domestic product by industry price index divided by 100. These unit-cost measures differ from the unit-labor-cost and unit-nonlabor-cost series published by the Bureau of Labor Statistics (BLS). See BLS Handbook of Methods, Bulletin 2490 (Washington, DC: U.S. Government Printing Office, April 1997).

Reconciliation of the U.S.-Canadian Current Account, 2000 and 2001

By Anthony DiLullo and Denis Caron

ON a reconciled basis, the U.S. deficit, or Canadian surplus, is \$40.4 billion for 2000 and \$40.0 billion for 2001 (chart 1, table 1).¹ The U.S.-published current-account balance with Canada is a U.S. deficit of \$30.5 billion for 2000 and a U.S. deficit of \$26.5 billion for 2001; the corresponding Canadian-published balance is a Canadian surplus (U.S. deficit) of \$42.8 billion for 2000 and a Canadian surplus (U.S. deficit) of \$42.5 billion for 2001.²

This article presents the results of the reconciliation

1. The reconciled estimates are intended to show how the current-account estimates would appear if both countries used the same definitions, methodologies, and data sources. In this article, all values are expressed in U.S. dollars.

2. For this year's reconciliation, the U.S. deficit for 2000 is revised from the previously published deficit of \$30.7 billion used in last year's reconciliation, and the Canadian surplus for 2000 is revised from the previously published surplus of \$42.6 billion used in last year's reconciliation.

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of the bilateral current-account estimates of Canada and the United States for 2000 and 2001.³ The details of the current-account reconciliation for 2000 and 2001 are presented in the tables that follow this article. Tables 2.1 and 2.2 show the details of the major types of reconciliation adjustments—definitional, methodological, and statistical—that were made to the major current-account components. Tables 3.1 and 3.2 present the published estimates, the estimates on a common basis (after the estimates have been adjusted for definitional and methodological differences), the reconciled estimates, and the amounts of the adjust-

3. The reconciliation of the current account has been undertaken each year since 1970. Summary results of the reconciliations were published in the United States in the following issues of the *SURVEY OF CURRENT BUSINESS*: June 1975, September 1976 and 1977, December 1979, June 1981, and each December of 1981–91. Complete details of the reconciliations for 1990 forward were published in the following issues of the *SURVEY*: November 1992, each October of 1993–95, and each November of 1996–2001. In Canada, the results were published in the following issues of *Canada's Balance of International Payments* (catalogue 67–001), a publication of Statistics Canada: Fourth Quarter 1973, Second Quarter 1976 and 1977, Third Quarter 1978 and 1979, First Quarter 1981, and each Third Quarter 1981–2001.

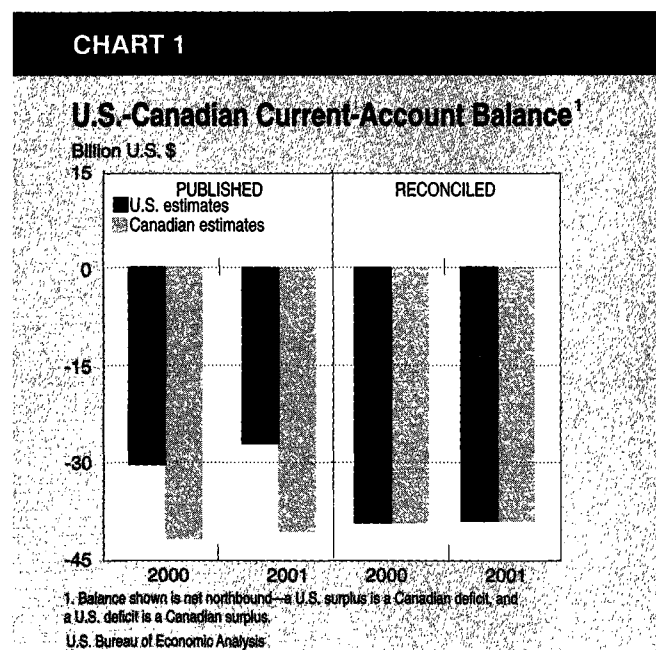


Table 1. Major U.S.-Canadian Balances
[Billions of U.S. dollars]

	Published estimates		Reconciled estimates	
	United States	Canada	United States	Canada
2000				
Goods and services	-48.6	57.7	-58.6	58.6
Goods	-54.8	61.9	-63.0	63.0
Services	6.2	-4.2	4.4	-4.4
Income	18.8	-17.2	18.8	-18.8
Current unilateral transfers	-0.7	2.2	-0.6	0.6
Current account	-30.5	42.8	-40.4	40.4
2001				
Goods and services	-49.4	57.6	-59.3	59.3
Goods	-55.4	61.9	-63.9	63.9
Services	6.1	-4.3	4.6	-4.6
Income	23.6	-17.4	19.9	-19.9
Current unilateral transfers	-0.7	2.3	-0.6	0.6
Current account	-26.5	42.5	-40.0	40.0

Note: A U.S. surplus (+) is a Canadian deficit (-), and a Canadian surplus (+) is a U.S. deficit (-). Details may not add to totals because of rounding.

ments for each major current-account component. Tables 4–7 present the reconciliation details for goods, services, and investment income.⁴

Reconciled Current-Account Balances

In the U.S. current account, the reconciliation adjustments resulted in an increase of \$9.9 billion in the U.S. deficit for 2000 and an increase of \$13.5 billion in the U.S. deficit for 2001. In both years, the increases reflect larger upward adjustments to the U.S. southbound estimates than to the U.S. northbound estimates (tables 2.1 and 2.2).⁵ The largest increases in the U.S. south-

bound estimates result from the addition of Canadian reexports to U.S. goods imports (a definitional adjustment), from the valuation of U.S. natural gas imports to include inland freight (a definitional adjustment), from an increase for undercoverage of some southbound services (a statistical adjustment), and for 2001, from adjustments for statistical differences in direct investment income. The largest increases in the U.S. northbound estimates result from upward adjustments to investment income for undercoverage of income on U.S. holdings of Canadian bonds (definitional and statistical adjustments).

In the Canadian current account, the reconciliation adjustments resulted in a decrease of \$2.4 billion in the 2000 Canadian surplus and in a decrease of \$2.5 billion in the 2001 Canadian surplus. In both years, the decreases reflect larger downward adjustments to the Canadian southbound estimates than to the Canadian northbound estimates. In both years, the Canadian southbound estimates were adjusted downward to account for definitional differences, mainly in unilateral transfers; for methodological differences, mainly the

4. For reconciliation, some of the details presented in the tables in this article differ from those presented in balance-of-payments tables regularly published by the U.S. Bureau of Economic Analysis and by Statistics Canada.

5. In this article, the term “northbound” refers to U.S. exports of goods and services, U.S. income receipts, and current unilateral transfers to the United States, and it refers to Canadian imports of goods and services, Canadian income payments, and current unilateral transfers from Canada. The term “southbound” refers to U.S. imports of goods and services, U.S. income payments, and current unilateral transfers from the United States, and it refers to Canadian exports of goods and services, Canadian income receipts, and current unilateral transfers to Canada.

Note on the U.S.-Canadian Current-Account Reconciliation

The U.S.-Canadian current-account reconciliation, which explains the differences between the estimates of the bilateral current account published by the U.S. Bureau of Economic Analysis (BEA) and those published by Statistics Canada, is undertaken because of the extensive economic links between Canada and the United States. The reconciled estimates are intended to assist analysts who use both countries' statistics and to show how the current-account estimates would appear if both countries used common definitions, methodologies, and data sources.¹

In principle, the bilateral current account of one country should mirror the bilateral current account of the other country. Differences occur in the published estimates of the U.S. and Canadian current accounts because of variations in the definitions, methodologies, and statistical sources that are used by each agency. Some of the differences for 2001 are in components of the current account for which data are still preliminary and subject to revision; these differences may be eliminated when final data for these components become available.

The longstanding Canadian-U.S. current-account reconciliation is among the leading examples of the benefits of international data exchanges. As a result of the reconciliation process and the exchange of data, the accuracy of the published estimates of transactions between Canada and the United States and the efficiency in producing the estimates have increased. The exchange of data between Canada and the United States—for transactions such as trade in goods, travel, passenger fares, Canadian and U.S. Government transactions, and some large transportation transactions—covers more than 80 percent of the value of the Canadian and U.S. current account and has eliminated some of the differences in the Canadian- and U.S.-published estimates.

Although the U.S.- and Canadian-published estimates are reconciled and there is extensive exchange of data between Canada and the United States, differences in the published estimates remain. Complete substitution of reconciled estimates for published estimates and complete exchange of data are not feasible for several reasons. For trade in goods, imports in the U.S. accounts would be affected because the United States attributes Canadian reexports to the country of origin rather than to Canada, the last country of shipment. For some accounts, the protection of the confidentiality of the source data bars the exchange of data. Finally, a few differences are attributable to different requirements for integrating the international and national (domestic) accounts in each country.

1. A detailed article on the methodology was published by BEA in “Reconciliation of the U.S.-Canadian Current Account” in the November 1992 SURVEY and by Statistics Canada in *Reconciliation of the Canadian-United States Current Account, 1990–91*. Statistics Canada also published a shortened version in the December 1992 *Canadian Economic Observer* and in Canada's *Balance of International Payments, Third Quarter 1992*.

netting of Canadian bank claims and liabilities in "other" investment income; and for statistical differences, mainly in "other" services and in direct investment income. In the Canadian northbound estimates, downward adjustments for definitional and methodological differences were mainly in investment income, and downward adjustments for statistical differences were mainly in "other" services. These downward adjustments were partly offset by upward adjustments for statistical differences in direct investment income.

The statistical adjustments to the U.S. and Canadian southbound direct investment income estimates for 2001 were unusually large. The U.S. published estimate shows net losses by U.S. affiliates of Canadian parents while the Canadian published estimate shows net profits. The difference between the U.S. and Canadian estimates partly reflects larger losses estimated by the U.S. Bureau of Economic Analysis (BEA) for U.S. manufacturing affiliates of Canadian parents than the losses estimated by Statistics Canada for these manufacturing affiliates. The estimates of income (losses) for affiliates in the manufacturing industry were arbitrarily recon-

ciled by averaging the U.S. and Canadian estimates. The reconciliation of direct investment income is restricted by the confidentiality of the source data, by the preliminary nature of the reports on which the 2001 estimates are based, and by the different approaches used by BEA and by Statistics Canada in estimating earnings (losses).

Summary of Reconciliation Methodology

In reconciling the differences in the U.S.- and Canadian-published bilateral current-account estimates, the estimates are first restated on a common basis—that is, they are adjusted for definitional and methodological differences; the remaining adjustments that are needed to reach the reconciled values are the statistical adjustments. The framework for reconciling the U.S. and Canadian estimates to a common basis mainly follows the international standards published in the International Monetary Fund's *Balance of Payments Manual* (fifth edition). The U.S.- and Canadian-published estimates now largely conform to the international standards, but some differences with the in-

Table 2.1. Summary of Reconciliation Adjustments, Northbound, 2000

[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	United States	Canada	Reclassification		Gross or net		United States	Canada	United States	Canada
			United States	Canada	United States	Canada				
Goods, balance of payments basis.....	140	-218	226					-820	366	-1,038
Valuation adjustments.....	140	-218							140	-218
Reclassification of equipment repairs from unaffiliated services.....			226						226	
Statistical adjustments.....								-820		-820
Services.....	30	-436	-226	-69			1,437	-1,262	1,241	-1,767
Travel.....			709				1	20	710	20
Reclassification of education from unaffiliated services.....			511						511	
Reclassification of medical services from unaffiliated services.....			198						198	
Statistical adjustments.....							1	20	1	20
Passenger fares.....							-289		-289	
Statistical adjustments.....							-289		-289	
Other transportation.....		-109		202			13	-16	13	77
Valuation adjustments.....		-109								-109
Reclassification of transportation services from unaffiliated services.....				202						202
Statistical adjustments.....							13	-16	13	-16
Other services.....	30	-327	-935	-271			1,712	-1,266	807	-1,864
Affiliated.....		-99	-310				821	-2,396	511	-2,495
Valuation adjustments.....		-99								-99
Reclassification of film rentals to unaffiliated services.....			-223							-223
Reclassification of courier services to unaffiliated services.....			-87							-87
Statistical adjustments.....							821	-2,396	821	-2,396
Unaffiliated.....	89	-228	-625	-271			891	1,086	355	587
Valuation adjustments.....	89	-228							89	-228
Reclassification of transactions to or from other accounts.....			-625	-271					-625	-271
Statistical adjustments.....							891	1,086	891	1,086
U.S. military sales.....	-59							44	-59	44
Valuation adjustments.....	-59								-59	
Statistical adjustments.....								44		44
Income.....	975	-2,624	69	-1,722	-3,352	-232	3,370	-979	-979	-2,537
Direct investment.....		-491		-28		-119		3,117	-858	2,479
Valuation adjustments.....		-491								-491
Reclassification of dividends to "other" income.....				-28						-28
Adjustment of interest income to a net basis.....						-119				-119
Statistical adjustments.....							-858	3,117	-858	3,117
Other investment.....	975	-2,133	28	-1,722	-3,233	626	244	-121	-5,094	-491
Valuation adjustments.....	975	-2,133							975	-2,133
Reclassification of dividends from direct investment.....			28							28
Adjustment of interest income to a gross or net basis.....				-1,722	-3,233				-1,722	-3,233
Statistical adjustments.....						626	244	626	244	
Compensation of employees.....			69					9		78
Current unilateral transfers.....		-302			180		114		294	-302
Valuation adjustments.....		-302								-302
Adjustment of U.S. transfers to a gross basis.....					180				180	
Statistical adjustments.....							114		114	
Total adjustments.....	1,145	-3,580			-1,542	-3,352	1,319	1,288	922	-5,644

ternational standards—and between the U.S. and Canadian estimates—remain in the published estimates because of data limitations, difficulties in determining country attribution, differences in classification, and because in a few cases, international standards provide for more than one acceptable treatment.

The definitional adjustments mainly reflect data limitations and differences in country attribution. For example, as part of the reconciliation, U.S.-published estimates of imports of goods from Canada are adjusted to include Canadian reexports to the United States (goods imported by Canada from third countries and then reexported to the United States without substantial change) because U.S. imports of goods are recorded on a country-of-origin basis. Another example of a definitional adjustment is that the Canadian estimates, mainly investment income, are adjusted to a basis that is net of withholding taxes because the U.S. withholding tax estimates—which are included on a global basis in the U.S.-published accounts—cannot be allocated by country for comparison with the Canadian estimates.

The methodological adjustments mainly reflect dif-

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Table 2.1. Summary of Reconciliation Adjustments, Northbound, 2001
[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	United States	Canada	Reclassification		Gross or net		United States	Canada	United States	Canada
			United States	Canada	United States	Canada				
Goods, balance of payments basis	125	-199	264					-807	389	-1,006
Valuation adjustments	125	-199							125	-199
Reclassification of equipment repairs from unaffiliated services			264						264	
Statistical adjustments								-807		-807
Services	-1,006	-416	-264	-69			1,084	-362	-186	-847
Travel			791				-12	159	779	159
Reclassification of education from unaffiliated services			570						570	
Reclassification of medical services from unaffiliated services			221						221	
Statistical adjustments							-12	159	-12	159
Passenger fares							-289		-289	
Statistical adjustments							-289		-289	
Other transportation		-93		212			166	-2	166	117
Valuation adjustments		-93								-93
Reclassification of transportation services from unaffiliated services				212						212
Statistical adjustments							166	-2	166	-2
Other services	-1,006	-323	-1,055	-281			1,219	-519	-842	-1,123
Affiliated	-1,057	-93	-362				368	-1,698	-1,051	-1,791
Valuation adjustments	-1,057	-93							-1,057	-93
Reclassification of film rentals to unaffiliated services			-238						-238	
Reclassification of courier services to unaffiliated services			-124						-124	
Statistical adjustments							368	-1,698	368	-1,698
Unaffiliated	90	-230	-693	-281			851	1,119	248	608
Valuation adjustments	90	-230							90	-230
Reclassification of transactions to or from other accounts			-693	-281					-693	-281
Statistical adjustments							851	1,119	851	1,119
U.S. military sales	-39							60	-39	60
Valuation adjustments	-39								-39	
Statistical adjustments								60		60
Income	852	-2,835		69	-1,250	-2,246	972	1,172	574	-3,840
Direct investment		-479		-26		-170	-680	1,915	-680	1,240
Valuation adjustments		-479								-479
Reclassification of dividends to "other" income				-26						-26
Adjustment of interest income to a net basis						-170				-170
Statistical adjustments							-680	1,915	-680	1,915
Other investment	852	-2,356		26	-1,250	-2,076	1,652	-752	1,254	-5,158
Valuation adjustments	852	-2,356							852	-2,356
Reclassification of dividends from direct investment				26						26
Adjustment of interest income to a gross or net basis					-1,250	-2,076			-1,250	-2,076
Statistical adjustments							1,652	-752	1,652	-752
Compensation of employees				69				9		78
Current unilateral transfers		-333							322	-333
Valuation adjustments		-333								-333
Adjustment of U.S. transfers to a gross basis									186	
Statistical adjustments							136		136	
Total adjustments	-29	-3,783			-1,064	-2,246	2,192	3	1,099	-6,026

ferences in classification. For example, parts of the U.S. estimates of film rentals and courier services are recorded in various services accounts; for reconciliation, they are reclassified to a single account. A few U.S. and Canadian accounts, mainly interest income, are adjusted to a net or gross basis for comparability.

Statistical differences reflect the use of different source data in the United States and Canada; the difficulty in determining country attribution because of

insufficient data; the preliminary nature of some of the data, particularly for the most recent year; and the use of sample data between benchmarks. For the northbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of "other" services and of investment income. For the southbound estimates, most of the statistical differences are in the U.S. and Canadian estimates of "other" services and of investment income.

Table 2.2. Summary of Reconciliation Adjustments, Southbound, 2000
[Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	Canada	United States	Reclassification		Gross or net		Canada	United States	Canada	United States
			Canada	United States	Canada	United States				
Goods, balance of payments basis.....	103	8,158		3			-26	407	77	8,568
Valuation adjustments.....	-1,677	249							-1,677	249
Canadian re-exports to the United States.....		6,129								6,129
Inland freight adjustment.....	1,780	1,780							1,780	1,780
Reclassification of equipment repairs from unaffiliated services.....				3						3
Statistical adjustments.....							-26	407	-26	407
Services.....	-295	-44	-205	-3			-1,561	3,046	-2,059	3,002
Travel.....				30				-60		-30
Reclassification of education from unaffiliated services.....				30						30
Statistical adjustments.....								-60		-60
Passenger fares.....										
Other transportation.....	-111	-104	105	-121			29	-23	24	-248
Valuation adjustments.....	-111	-104							-111	-104
Reclassification of courier services to unaffiliated services.....				-121						-121
Reclassification of transportation services from unaffiliated services.....			105						105	
Statistical adjustments.....							29	-23	29	-23
Other services.....	-184	60	-310	88			-1,590	3,129	-2,083	3,280
Affiliated.....	-28			-29			-2,024	978	-2,052	949
Valuation adjustments.....	-28								-28	
Reclassification of courier services to unaffiliated services.....				-29						-29
Statistical adjustments.....							-2,024	978	-2,024	978
Unaffiliated.....	-156	80	-360	117			434	2,151	-84	2,346
Valuation adjustments.....	-156	80							-156	80
Reclassification of transactions to or from other accounts.....			-360	117					-360	117
Statistical adjustments.....							434	2,151	434	2,151
U.S. defense expenditures.....		-20	50						50	-20
Valuation adjustments.....		-20								-20
Reclassification of defense expenditures from unaffiliated services.....			50							50
Income.....	-467		205		-3,352	-1,722	-486	814	-4,101	-910
Direct investment.....	-271				-119			903	-2,094	902
Valuation adjustments.....	-271								-271	
Adjustment of interest income to a net basis.....					-119					-119
Statistical adjustments.....							-1,703	903	-1,703	903
Other investment.....	-196				-3,233	-1,722	1,061	-89	-2,368	-1,812
Valuation adjustments.....	-196								-196	
Adjustment of interest income to a gross or net basis.....					-3,233	-1,722			-3,233	-1,723
Statistical adjustments.....							1,061	-89	1,061	-89
Compensation of employees.....			205				156		361	
Current unilateral transfers.....	-1,911					180			-1,921	180
Valuation adjustments.....	-1,911								-1,911	
Adjustment of U.S. transfers to a gross basis.....						180				180
Statistical adjustments.....							-11		-11	
Total adjustments.....	-2,570	8,114			-3,352	-1,542	-2,084	4,267	-8,004	10,841

Table 2.2. Summary of Reconciliation Adjustments, Southbound, 2001
 [Millions of U.S. dollars]

	Definitional		Methodological				Statistical		Total	
	Canada	United States	Reclassification		Gross or net		Canada	United States	Canada	United States
			Canada	United States	Canada	United States				
Goods, balance of payments basis										
Valuation adjustments	232	8,461		9			734	387	966	8,857
Canadian re-exports to the United States	-1,917	307							-1,917	307
Inland freight adjustment	2,149	6,005							2,149	6,005
Reclassification of equipment repairs from unaffiliated services		2,149								2,149
Statistical adjustments				9			734	387	734	387
Services	-278	-739	-201	-9			-663	1,997	-1,142	1,247
Travel				36				-59		-23
Reclassification of education from unaffiliated services				36						36
Statistical adjustments								-59		-59
Passenger fares										
Other transportation	-111	-109	91	-144			79	-67	59	-320
Valuation adjustments	-111	-109							-111	-109
Reclassification of courier services to unaffiliated services				-144						-144
Reclassification of transportation services from unaffiliated services			91						91	
Statistical adjustments							79	-67	79	-67
Other services	-167	-630	-292	99			-742	2,123	-1,201	1,590
Affiliated	-21	-632		-28			-1,182	314	-1,203	-406
Valuation adjustments	-21	-632							-21	-632
Reclassification of courier services to unaffiliated services				-28						-28
Statistical adjustments							-1,182	314	-1,182	314
Unaffiliated	-146	82	-349	127			440	1,809	-55	2,018
Valuation adjustments	-146	82							-146	82
Reclassification of transactions to or from other accounts			-349	127					-349	127
Statistical adjustments							440	1,809	440	1,809
U.S. defense expenditures		-20	57						57	-20
Valuation adjustments		-20								-20
Reclassification of defense expenditures from unaffiliated services			57							
Income	-678		201		-2,246	-1,250	-3,603	5,535	-6,324	4,285
Direct investment	-207				-170		-4,772	5,330	-5,148	5,330
Valuation adjustments	-207								-207	
Adjustment of interest income to a net basis					-170				-170	
Statistical adjustments							-4,772	5,330	-4,772	5,330
Other investment	-471				-2,076	-1,250	994	205	-1,552	-1,045
Valuation adjustments	-471								-471	
Adjustment of interest income to a gross or net basis					-2,076	-1,250			-2,076	-1,250
Statistical adjustments							994	205	994	205
Compensation of employees			201						376	
Current unilateral transfers	-1,990					186	-13		-2,003	186
Valuation adjustments	-1,990								-1,990	
Adjustment of U.S. transfers to a gross basis						186			0	186
Statistical adjustments							-13		-13	
Total adjustments	-2,714	7,722			-2,246	-1,064	-3,545	7,919	-8,503	14,574

Table 3.1. U.S.-Canadian Current-Account Reconciliation, Northbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates	
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada
2000										
Goods and services.....	202,518	206,930	-4,412	202,690	206,202	-3,512	204,125	204,125	1,607	-2,805
Goods, balance of payments basis.....	178,877	180,281	-1,404	179,243	180,063	-820	179,243	179,243	366	-1,038
Services.....	23,641	26,649	-3,008	23,447	26,139	-2,692	24,882	24,882	1,241	-1,767
Travel.....	7,055	7,745	-690	7,764	7,745	19	7,765	7,765	710	20
Passenger fares.....	1,713	1,424	289	1,713	1,424	289	1,424	1,424	-289	
Other transportation.....	2,571	2,507	64	2,571	2,599	-28	2,584	2,584	13	77
Other services.....	12,302	14,973	-2,671	11,399	14,371	-2,972	13,109	13,109	807	-1,864
Income.....	27,667	29,225	-1,558	26,919	23,320	3,599	26,688	26,688	-979	-2,537
Investment income.....	27,589	29,225	-1,636	26,841	23,251	3,590	26,610	26,610	-979	-2,615
Direct investment.....	14,688	11,351	3,337	14,687	10,715	3,972	13,830	13,830	-858	2,479
Other investment.....	12,901	17,874	-4,973	12,154	12,536	-382	12,780	12,780	-121	-5,094
Compensation of employees.....	78	(¹)	78	78	69	9	78	78		78
Current unilateral transfers.....	(²)	596	-596	180	294	-114	294	294	294	-302
Current account, northbound.....	230,185	236,751	-6,566	229,789	229,816	-27	231,107	231,107	922	-5,644
2001										
Goods and services.....	187,757	189,813	-2,056	186,874	189,130	-2,256	187,960	187,960	203	-1,853
Goods, balance of payments basis.....	163,309	164,704	-1,395	163,698	164,506	-808	163,698	163,698	389	-1,006
Services.....	24,448	25,109	-661	23,176	24,624	-1,448	24,262	24,262	-186	-847
Travel.....	6,484	7,104	-620	7,275	7,104	171	7,263	7,263	779	159
Passenger fares.....	1,668	1,379	289	1,668	1,379	289	1,379	1,379	-289	
Other transportation.....	2,212	2,261	-49	2,212	2,380	-168	2,378	2,378	166	117
Other services.....	14,084	14,365	-281	12,021	13,761	-1,740	13,242	13,242	-842	-1,123
Income.....	21,919	26,333	-4,414	21,521	21,321	200	22,493	22,493	574	-3,840
Investment income.....	21,841	26,333	-4,492	21,443	21,252	191	22,415	22,415	574	-3,918
Direct investment.....	11,773	9,853	1,920	11,773	9,176	2,597	11,093	11,093	-680	1,240
Other investment.....	10,068	16,480	-6,412	9,670	12,076	-2,406	11,322	11,322	1,254	-5,158
Compensation of employees.....	78	(¹)	78	78	69	9	78	78		78
Current unilateral transfers.....	(²)	655	-655	186	322	-136	322	322	322	-333
Current account, northbound.....	209,676	216,801	-7,125	208,581	210,773	-2,192	210,775	210,775	1,099	-6,026

1. In the Canadian published accounts, compensation of employees is included in "other" services.

2. Current unilateral transfers are published on a net basis in the U.S. accounts, and appear as net payments in table 3.2.

Table 3.2. U.S.-Canadian Current-Account Reconciliation, Southbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates	
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States
2000										
Goods and services.....	264,664	251,112	13,552	264,267	259,229	5,038	262,682	262,682	-1,982	11,570
Goods.....	242,170	233,679	8,491	242,274	241,840	434	242,247	242,247	77	8,568
Services.....	22,494	17,433	5,061	21,993	17,389	4,604	20,435	20,435	-2,059	3,002
Travel.....	6,337	6,367	-30	6,337	6,397	-60	6,337	6,337		-30
Passenger fares.....	827	827		827	827		827	827		
Other transportation.....	3,309	3,581	-272	3,304	3,356	-52	3,333	3,333	24	-248
Other services.....	12,021	6,658	5,363	11,524	6,809	4,716	9,938	9,938	-2,083	3,280
Income.....	12,014	8,823	3,191	8,402	7,101	1,301	7,913	7,913	-4,101	-910
Investment income.....	12,014	8,462	3,552	8,196	6,740	1,456	7,552	7,552	-4,462	-910
Direct investment.....	4,053	1,057	2,996	3,664	1,057	2,607	1,959	1,959	-2,094	902
Other investment.....	7,961	7,405	556	4,532	5,683	-1,151	5,593	5,593	-2,368	-1,812
Other private investment.....	6,789	5,672	1,117	3,254	3,950	-696	3,975	3,975	-2,814	-1,697
U.S. Government liabilities.....	1,172	1,733	-561	1,278	1,733	-455	1,618	1,618	446	-115
Compensation of employees.....	(¹)	361	-361	206	361	-155	361	361	361	
Current unilateral transfers.....	2,826	724	2,102	915	905	10	905	905	-1,921	180
Current account, southbound.....	279,504	260,659	18,845	273,584	267,235	6,349	271,500	271,500	-8,004	10,841
2001										
Goods and services.....	247,446	237,166	10,280	247,199	244,886	2,313	247,270	247,270	-176	10,104
Goods.....	226,626	218,735	7,891	226,858	227,205	-347	227,592	227,592	966	8,857
Services.....	20,820	18,431	2,389	20,341	17,681	2,660	19,678	19,678	-1,142	1,247
Travel.....	6,454	6,477	-23	6,454	6,513	-59	6,454	6,454		-23
Passenger fares.....	684	684		684	684		684	684		
Other transportation.....	2,919	3,298	-379	2,899	3,045	-146	2,978	2,978	59	-320
Other services.....	10,763	7,972	2,791	10,304	7,439	2,865	9,562	9,562	-1,201	1,590
Income.....	8,885	-1,724	10,609	6,162	-2,975	9,137	2,561	2,561	-6,324	4,285
Investment income.....	8,885	-2,100	10,985	5,957	-3,351	9,308	2,185	2,185	-6,700	4,285
Direct investment.....	2,741	-7,737	10,478	2,364	-7,737	10,101	-2,407	-2,407	-5,148	5,330
Other investment.....	6,144	5,637	507	3,593	4,386	-793	4,592	4,592	-1,552	-1,045
Other private investment.....	4,903	3,974	929	2,528	2,723	-195	3,078	3,078	-1,825	-896
U.S. Government liabilities.....	1,241	1,663	-422	1,065	1,663	-598	1,514	1,514	273	-149
Compensation of employees.....	(¹)	376	-376	205	376	-171	376	376	376	
Current unilateral transfers.....	2,932	744	2,188	942	929	13	929	929	-2,003	186
Current account, southbound.....	259,263	236,186	23,077	254,303	242,840	11,463	250,760	250,760	-8,503	14,574

1. In the Canadian published accounts, compensation of employees is included in "other" services.

Table 4.1. Trade in Goods, Northbound
[Millions of U.S. dollars]

	U.S. receipts	Canadian payments	Type of adjustment
2000			
Balance of payments basis, published	178,877	180,281	
Definitional and methodological adjustments:			
Valuation adjustments	140	-218	Definitional
Reclassification of equipment repairs from unaffiliated services	226		Reclassification
Common basis, after definitional and methodological adjustments	179,243	180,063	
Statistical adjustments		-820	Statistical
Reconciled, including statistical adjustments	179,243	179,243	
2001			
Balance of payments basis, published	163,309	164,704	
Definitional and methodological adjustments:			
Valuation adjustments	125	-199	Definitional
Reclassification of equipment repairs from unaffiliated services	264		Reclassification
Common basis, after definitional and methodological adjustments	163,698	164,505	
Statistical adjustments		-807	Statistical
Reconciled, including statistical adjustments	163,698	163,698	

Table 4.2. Trade in Goods, Southbound
[Millions of U.S. dollars]

	Canadian receipts	U.S. payments	Type of adjustment
2000			
Balance of payments basis, published	242,170	233,679	
Definitional and methodological adjustments:			
Valuation adjustments	-1,677	249	Definitional
Canadian reexports to the United States		6,129	Definitional
Inland freight adjustment	1,780	1,780	Definitional
Reclassification of equipment repairs from unaffiliated services		3	Reclassification
Common basis, after definitional and methodological adjustments	242,274	241,840	
Statistical adjustments	-26	407	Statistical
Reconciled, including statistical adjustments	242,247	242,247	
2001			
Balance of payments basis, published	226,626	218,735	
Definitional and methodological adjustments:			
Valuation adjustments	-1,917	307	Definitional
Canadian reexports to the United States		6,005	Definitional
Inland freight adjustment	2,149	2,149	Definitional
Reclassification of equipment repairs from unaffiliated services		9	Reclassification
Common basis, after definitional and methodological adjustments	226,858	227,205	
Statistical adjustments	734	387	Statistical
Reconciled, including statistical adjustments	227,592	227,592	

Table 5.1. Travel, Passenger Fares, and Other Transportation, Northbound
 [Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates			Type of adjustment
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada		
2000												
Travel	7,055	7,745	-690	7,764	7,745	19	7,765	7,765	710	20		
Business and personal	7,055	7,056	-1	7,055	7,056	-1	7,056	7,056	1			Statistical
Education	491	491		511	491	20	511	511	511	20		Reclassification and statistical
Medical.....	198	198		198	198		198	198	198			Reclassification
Passenger fares	1,713	1,424	289	1,713	1,424	289	1,424	1,424	-289			Statistical
Other transportation	2,571	2,507	64	2,571	2,599	-28	2,584	2,584	13	77		
Freight.....	2,007	2,106	-99	1,999	1,997	2	1,993	1,993	-14	-113		
Ocean.....	138	276	-138	130	142	-12	136	136	-2	-140		Definitional, reclassification, and statistical
Air.....	86	33	53	86	58	28	58	58	-28	25		Definitional and statistical
Truck.....	1,404	1,404		1,404	1,404		1,404	1,404				
Other.....	379	393	-14	379	393	-14	395	395	16	2		Statistical
Port services.....	564	361	203	564	563	1	552	552	-12	191		
Vessel operators.....	65	42	23	65	42	23	42	42	-23			Statistical
Airline operators.....	319	319		319	319		319	319				
Other.....	180		180	180	202	-22	191	191	11	191		Reclassification and statistical
Other.....		39	-39	8	39	-31	39	39	39			Reclassification and statistical
2001												
Travel	6,484	7,104	-620	7,275	7,104	171	7,263	7,263	779	159		
Business and personal	6,484	6,472	12	6,484	6,472	12	6,472	6,472	-12			Statistical
Education	421	421		570	421	149	570	570	570	149		Reclassification and statistical
Medical.....	211	211		221	211	10	221	221	221	10		Reclassification
Passenger fares	1,668	1,379	289	1,668	1,379	289	1,379	1,379	-289			Statistical
Other transportation	2,212	2,261	-49	2,212	2,380	-168	2,378	2,378	166	117		
Freight.....	1,837	1,892	-55	1,829	1,799	30	1,810	1,810	-27	-82		
Ocean.....	146	248	-102	138	138		138	138	-3	-110		Definitional, reclassification, and statistical
Air.....	80	28	52	80	45	35	45	45	-35	17		Definitional and statistical
Truck.....	1,243	1,244	-1	1,243	1,244	-1	1,243	1,243		-1		Statistical
Other.....	368	372	-4	368	372	-4	384	384	16	12		Statistical
Port services.....	375	333	42	375	545	-170	533	533	158	200		
Vessel operators.....	45	21	24	45	21	24	21	21	-24			Statistical
Airline operators.....	127	297	-170	127	297	-170	297	297	170			Statistical
Other.....	203	15	188	203	227	-24	215	215	12	200		Reclassification and statistical
Other.....		35	-35	8	35	-27	35	35	35			Reclassification and statistical

Table 5.2. Travel, Passenger Fares, and Other Transportation, Southbound
 [Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
2000											
Travel	6,337	6,367	-30	6,337	6,397	-60	6,337	6,337		-30	
Business and personal ...	6,209	6,367	-158	6,209	6,367	-158	6,209	6,209		-158	Statistical
Education	79		79	79	30	49	79	79		79	Reclassification and statistical
Medical.....	49		49	49		49	49	49		49	Statistical
Passenger fares	827	827		827	827		827	827			
Other transportation	3,309	3,581	-272	3,304	3,356	-52	3,333	3,333	24	-248	
Freight.....	2,671	2,763	-92	2,650	2,623	27	2,637	2,637		-34	-126
Ocean.....	171	132	39	150	124	26	137	137	-34		5
Air.....	57	57		57	57		57	57			Definitional, reclassification, and statistical
Land.....	2,335	2,335		2,335	2,335		2,335	2,335			
Other.....	108	239	-131	108	107	1	108	108		-131	Reclassification and statistical
Port services.....	541	818	-277	650	725	-75	688	688	147	-130	
Vessel operators.....	53	208	-155	57	104	-47	81	81	28	-127	Definitional and statistical
Airline operators.....	384	505	-121	384	384		384	384		-121	Reclassification
Other.....	104	105	-1	209	237	-28	223	223	119	118	Reclassification and statistical
Other.....	98		98	4	8	-4	8	8	-90	8	Definitional, reclassification, and statistical
2001											
Travel	6,454	6,477	-23	6,454	6,513	-59	6,454	6,454		-23	
Business and personal ...	6,316	6,477	-161	6,316	6,477	-161	6,316	6,316		-161	Statistical
Education	89		89	89	36	53	89	89		89	Reclassification and statistical
Medical.....	49		49	49		49	49	49		49	Statistical
Passenger fares	684	684		684	684		684	684			
Other transportation	2,919	3,298	-379	2,899	3,045	-146	2,978	2,978	59	-320	
Freight.....	2,325	2,461	-136	2,297	2,299	-2	2,292	2,292	-33	-169	
Ocean.....	158	146	12	130	118	12	124	124	-34	-22	Definitional, reclassification, and statistical
Air.....	44	45	-1	44	45	-1	45	45	1		Statistical
Land.....	2,028	2,028		2,028	2,028		2,028	2,028			
Other.....	95	242	-147	95	108	-13	95	95		-147	Reclassification and statistical
Port services.....	505	837	-332	599	718	-119	658	658	153	-179	
Vessel operators.....	38	219	-181	41	110	-69	76	76	38	-143	Definitional and statistical
Airline operators.....	367	511	-144	367	367		367	367		-144	Reclassification
Other.....	100	107	-7	191	241	-50	215	215	115	108	Reclassification and statistical
Other.....	89		89	3	28	-25	28	28	-61	28	Definitional, reclassification, and statistical

Table 6.1. Other Services, Northbound
[Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
2000											
Total	12,302	14,973	-2,671	11,399	14,371	-2,972	13,109	13,109	807	-1,864	
Affiliated.....	5,732	8,738	-3,006	5,422	8,636	-3,214	6,243	6,243	511	-2,495	Definitional, reclassification, and statistical
Royalties and license fees.....	1,569	2,053	-484	1,569	2,022	-453	(¹)	(¹)	(¹)	(¹)	
Other services.....	4,163	6,685	-2,522	3,853	6,614	-2,761	(¹)	(¹)	(¹)	(¹)	
Unaffiliated.....	6,469	6,234	235	5,933	5,733	200	6,822	6,822	355	589	
Royalties, license fees, and selected services ...	1,730	1,273	457	1,698	1,258	440	1,698	1,698	-32	425	Reclassification and statistical
Insurance.....	258	347	-89	347	321	26	347	347	89		Definitional and statistical
Financial services.....	1,007	873	134	1,007	932	75	1,061	1,061	54	188	Definitional and statistical
Education and training.....	527	21	506	16	22	-6	22	22	-505	1	Reclassification and statistical
Communications.....	501	751	-250	501	394	107	501	501		-250	Reclassification and statistical
Computer services.....	539	525	14	539	526	13	539	539		14	Statistical
Business services.....	1,353	848	505	1,016	1,104	-88	1,492	1,492	139	644	Reclassification and statistical
Sports and entertainment.....	392	1,166	-774	647	1,006	-359	980	980	588	-186	Reclassification and statistical
Other private.....		238	-238							-238	Definitional and reclassification
Government:											
United States (nonmilitary).....	74	62	12	74	62	12	74	74		12	Statistical
Canada.....	88	130	-42	88	108	-20	108	108	20	-22	Definitional and statistical
U.S. military sales.....	103		103	44		44	44	44	-59	44	Definitional and statistical
2001											
Total	14,084	14,365	-281	12,021	13,761	-1,740	13,242	13,242	-842	-1,123	
Affiliated.....	7,348	8,088	-740	5,929	7,993	-2,064	6,297	6,297	-1,051	-1,791	Definitional, reclassification, and statistical
Royalties and license fees.....	1,561	1,983	-422	1,561	1,950	-389	(¹)	(¹)	(¹)	(¹)	
Other services.....	5,787	6,105	-318	4,368	6,043	-1,675	(¹)	(¹)	(¹)	(¹)	
Unaffiliated.....	6,635	6,279	356	6,032	5,768	264	6,884	6,884	253	606	
Royalties, license fees, and selected services ...	1,852	1,329	523	1,811	1,309	502	1,811	1,811	-41	482	Reclassification and statistical
Insurance.....	212	366	-154	302	341	-39	302	302	90	-64	Definitional and statistical
Financial services.....	1,001	892	109	1,001	956	45	1,216	1,216	215	324	Definitional and statistical
Education and training.....	595	19	576	25	20	5	25	25	-570	6	Reclassification and statistical
Communications.....	512	786	-274	512	424	88	512	512		-274	Reclassification and statistical
Computer services.....	488	520	-32	488	522	-34	488	488		-32	Statistical
Business services.....	1,275	778	497	914	1,041	-127	1,335	1,335	60	557	Reclassification and statistical
Sports and entertainment.....	504	1,151	-647	783	984	-201	1,019	1,019	515	-132	Reclassification and statistical
Other private.....		246	-246							-246	Definitional and reclassification
Government:											
United States (nonmilitary).....	72	67	5	72	67	5	72	72		5	Statistical
Canada.....	124	125	-1	124	104	20	104	104	-20	-21	Definitional and statistical
U.S. military sales.....	99		99	60		60	60	60	-39	60	Definitional and statistical

1. Royalties and license fees are combined with "other" services for reconciliation.

Table 6.2. Other Services, Southbound
 [Millions of U.S. dollars]

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		Type of adjustment
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States	
2000											
Total	12,021	6,658	5,363	11,524	6,809	4,716	9,938	9,938	-2,083	3,280	
Affiliated.....	5,994	2,993	3,001	5,966	2,964	3,002	3,942	3,942	-2,052	949	Definitional, reclassification, and statistical
Royalties and license fees.....	469	730	-261	464	730	-266	(¹)	(¹)	(¹)	(¹)	
Other services.....	5,525	2,263	3,262	5,502	2,234	3,268	(¹)	(¹)	(¹)	(¹)	
Unaffiliated.....	6,028	3,598	2,430	5,512	3,791	1,721	5,944	5,944	-84	2,346	
Royalties, license fees, and selected services ...	1,724	666	1,058	1,724	651	1,072	1,724	1,724	.....	1,057	Definitional and statistical
Insurance.....	180	302	-122	180	382	-202	263	263	83	-39	Definitional and statistical
Financial services.....	412	243	169	412	243	169	353	353	-59	110	Statistical
Education and training.....	47	30	17	21	.....	21	21	21	-26	-9	Reclassification and statistical
Communications.....	682	227	455	361	227	134	294	294	-388	67	Reclassification and statistical
Computer services.....	655	569	86	655	569	86	612	612	-43	43	Statistical
Business services.....	976	1,270	-294	1,071	1,172	-101	1,561	1,561	585	291	Reclassification and statistical
Sports and entertainment.....	891	57	834	847	313	534	847	847	-44	790	Reclassification and statistical
Other private.....	219	.....	219	.....	.....	.....	.....	.....	-219	.....	Definitional and reclassification
Government:											
United States (nondefense).....	36	.....	36	36	.....	36	36	36	.....	36	Statistical
Canada.....	206	234	-28	206	234	-28	234	234	28	.....	Statistical
U.S. defense expenditures.....	.....	70	-70	50	50	.....	50	50	50	-20	Reclassification and statistical
Total	10,763	7,972	2,791	10,304	7,439	2,865	9,562	9,562	-1,201	1,590	
Affiliated.....	5,113	4,316	797	5,092	3,596	1,496	3,910	3,910	-1,203	-406	Definitional, reclassification, and statistical
Royalties and license fees.....	447	990	-543	446	990	-544	(¹)	(¹)	(¹)	(¹)	
Other services.....	4,666	3,326	1,340	4,646	2,606	2,040	(¹)	(¹)	(¹)	(¹)	
Unaffiliated.....	5,650	3,577	2,073	5,156	3,781	1,375	5,595	5,595	-55	2,018	
Royalties, license fees, and selected services ...	1,653	600	1,053	1,653	587	1,066	1,653	1,653	.....	1,053	Definitional and statistical
Insurance.....	165	370	-205	164	452	-288	271	271	106	-99	Definitional and statistical
Financial services.....	343	193	150	349	193	156	269	269	-74	76	Statistical
Education and training.....	46	36	10	18	.....	18	18	18	-28	-18	Reclassification and statistical
Communications.....	630	184	446	297	184	113	241	241	-389	57	Reclassification and statistical
Computer services.....	562	562	.....	562	562	.....	524	524	-38	-38	Statistical
Business services.....	863	1,350	-487	980	1,234	-254	1,520	1,520	657	170	Reclassification and statistical
Sports and entertainment.....	891	61	830	843	348	495	843	843	-48	782	Reclassification and statistical
Other private.....	207	.....	207	.....	.....	.....	.....	.....	-207	.....	Definitional and reclassification
Government:											
United States (nondefense).....	35	.....	35	35	.....	35	35	35	.....	35	Statistical
Canada.....	255	221	34	255	221	34	221	221	-34	.....	Statistical
U.S. defense expenditures.....	.....	77	-77	57	57	.....	57	57	57	-20	Reclassification and statistical

1. Royalties and license fees are combined with "other" services for reconciliation.

Table 7.1. Investment Income, Northbound
(Millions of U.S. dollars)

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	Difference	U.S. receipts	Canadian payments	United States	Canada	Type of adjustment
2000											
Investment income	27,589	29,225	-1,636	26,841	23,251	3,590	26,610	26,610	-979	-2,615	
Direct investment income	14,688	11,351	3,337	14,687	10,715	3,972	13,830	13,830	-858	2,479	
Earnings of incorporated affiliates.....	13,649	10,065	3,584	13,649	9,627	4,022	12,574	12,574	-1,075	2,509	
Dividends.....	3,171	3,419	-248	3,171	2,895	276	3,033	3,033	-138	-386	Definitional, reclassification, and statistical
Reinvested earnings.....	10,478	6,646	3,832	10,478	6,732	3,746	9,541	9,541	-937	2,895	Definitional and statistical
Earnings of unincorporated affiliates.....	428	607	-179	428	607	-179	623	623	195	16	Statistical
Interest.....	611	679	-68	611	482	129	633	633	22	-46	Definitional, gross to net, and statistical
Other investment income	12,901	17,874	-4,973	12,154	12,536	-382	12,780	12,780	-121	-5,094	
Securities.....	8,013	10,636	-2,623	8,988	9,646	-658	9,754	9,754	1,741	-882	
Dividends.....	1,512	1,119	393	1,512	1,081	431	1,189	1,189	-323	70	Definitional, reclassification, and statistical
Interest on bonds.....	6,501	9,517	-3,016	7,476	8,565	-1,089	8,565	8,565	2,064	-952	Definitional and statistical
U.S. claims/Canadian liabilities.....	4,888	7,238	-2,350	3,166	2,892	274	3,026	3,026	-1,862	-4,212	
U.S. bank claims.....	3,946	4,064	-118	1,213	832	381	1,084	1,084	-2,862	-2,980	Net to gross, gross to net, and statistical
Other private U.S. claims.....	942	3,174	-2,232	1,953	2,060	-107	1,942	1,942	1,000	-1,232	Net to gross and statistical
2001											
Investment income	21,841	26,333	-4,492	21,443	21,252	191	22,415	22,415	574	-3,918	
Direct investment income	11,773	9,853	1,920	11,773	9,176	2,597	11,093	11,093	-680	1,240	
Earnings of incorporated affiliates.....	11,103	9,024	2,079	11,103	8,580	2,523	10,333	10,333	-770	1,309	
Dividends.....	3,076	4,329	-1,253	3,076	3,875	-799	3,136	3,136	60	-1,193	Definitional, reclassification, and statistical
Reinvested earnings.....	8,027	4,695	3,332	8,027	4,705	3,322	7,197	7,197	-830	2,502	Definitional and statistical
Earnings of unincorporated affiliates.....	103	276	-173	103	276	-173	195	195	92	-81	Statistical
Interest.....	567	553	14	567	320	247	567	567		14	Definitional, gross to net, and statistical
Other investment income	10,068	16,480	-6,412	9,670	12,076	-2,406	11,322	11,322	1,254	-5,158	
Securities.....	6,757	11,285	-4,528	7,609	10,200	-2,591	9,360	9,360	2,603	-1,925	
Dividends.....	1,077	1,288	-211	1,077	1,202	-125	1,140	1,140	63	-148	Definitional, reclassification, and statistical
Interest on bonds.....	5,680	9,997	-4,317	6,532	8,998	-2,466	8,220	8,220	2,540	-1,777	Definitional and statistical
U.S. claims/Canadian liabilities.....	3,311	5,195	-1,884	2,061	1,876	185	1,963	1,963	-1,348	-3,232	
U.S. bank claims.....	2,668	2,576	92	789	500	289	703	703	-1,965	-1,873	Net to gross, gross to net, and statistical
Other private U.S. claims.....	643	2,619	-1,976	1,272	1,376	-104	1,260	1,260	617	-1,359	Net to gross and statistical

Table 7.2. Investment Income, Southbound
(Millions of U.S. dollars)

	Published estimates			Common-basis estimates, after definitional and methodological adjustments			Reconciled estimates, including statistical adjustments		Total adjustments to published estimates		
	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Difference	Canadian receipts	U.S. payments	Canada	United States	Type of adjustment
2000											
Investment income	12,014	8,462	3,552	8,196	6,740	1,456	7,552	7,552	-4,462	-910	
Direct investment income	4,053	1,057	2,996	3,664	1,057	2,607	1,959	1,959	-2,094	902	
Earnings of incorporated affiliates.....	2,762	422	2,340	2,843	422	2,421	1,312	1,312	-1,450	890	
Dividends.....	1,486	1,494	-8	1,218	1,494	-276	1,632	1,632	146	138	Definitional and statistical
Reinvested earnings.....	1,276	-1,072	2,348	1,625	-1,072	2,697	-320	-320	-1,596	752	Definitional and statistical
Earnings of unincorporated affiliates.....	1,155	296	859	810	296	514	309	309	-846	13	Definitional and statistical
Interest.....	136	339	-203	12	339	-327	339	339	203		Definitional, gross to net, and statistical
Other investment income	7,961	7,405	556	4,532	5,683	-1,151	5,593	5,593	-2,368	-1,812	
Securities.....	2,046	2,713	-667	1,917	2,713	-796	2,563	2,563	517	-150	
Dividends.....	1,435	1,742	-307	1,358	1,742	-384	1,742	1,742	307		Definitional and statistical
Interest on bonds.....	611	971	-360	559	971	-412	821	821	210	-150	Definitional and statistical
Canadian claims/U.S. liabilities.....	4,743	2,959	1,784	1,339	1,237	102	1,412	1,412	-3,331	-1,547	
Canadian bank claims.....	4,238	2,203	2,035	841	1,143	-302	1,010	1,010	-3,228	-1,193	Net to gross, gross to net, and statistical
Other private Canadian claims.....	505	756	-251	498	94	404	402	402	-103	-354	Net to gross and statistical
U.S. Government liabilities.....	1,172	1,733	-561	1,278	1,733	-455	1,618	1,618	446	-115	Definitional and statistical
2001											
Investment income	8,885	-2,100	10,985	5,957	-3,351	9,308	2,185	2,185	-6,700	4,285	
Direct investment income	2,741	-7,737	10,478	2,364	-7,737	9,101	-2,407	-2,407	-5,148	5,330	
Earnings of incorporated affiliates.....	2,809	-8,298	11,107	2,646	-8,298	10,944	-2,828	-2,828	-5,637	5,470	
Dividends.....	1,544	602	942	1,344	602	742	1,044	1,044	-500	442	Definitional and statistical
Reinvested earnings.....	1,265	-8,900	10,165	1,302	-8,900	10,202	-3,872	-3,872	-5,137	5,028	Definitional and statistical
Earnings of unincorporated affiliates.....	-190	189	-379	-228	189	-417	49	49	239	-140	Definitional and statistical
Interest.....	123	372	-249	53	372	-325	372	372	249		Definitional, gross to net, and statistical
Other investment income	6,144	5,637	507	3,593	4,386	-793	4,592	4,592	-1,552	-1,045	
Securities.....	2,158	2,815	-657	1,978	2,815	-837	2,596	2,596	438	-219	
Dividends.....	1,686	1,806	-120	1,547	1,806	-259	1,806	1,806	120		Definitional and statistical
Interest on bonds.....	472	1,009	-537	431	1,009	-578	790	790	318	-219	Definitional and statistical
Canadian claims/U.S. liabilities.....	2,746	1,159	1,587	550	-92	642	481	481	-2,265	-678	
Canadian bank claims.....	2,215	933	1,282	26	-148	174	15	15	-2,200	-918	Net to gross, gross to net, and statistical
Other private Canadian claims.....	531	226	305	524	56	468	466	466	-65	240	Net to gross and statistical
U.S. Government liabilities.....	1,241	1,663	-422	1,065	1,663	-598	1,514	1,514	273	-149	Definitional and statistical

Personal Income by State, Second Quarter 2002

By Duke Tran

IN the second quarter of 2002, personal income growth slowed in 35 States, picked up in 14 States, and was unchanged in South Dakota and the District of Columbia. Growth rates in the second quarter ranged from a decline of 0.3 percent in North Dakota to an increase of 2.2 percent in Nevada; in the first quarter, growth rates had ranged from a 1.0-percent decline in New York to a 3.5-percent increase in North Dakota (table A).¹ For the Nation, personal income growth was 1.3 percent in the second quarter, roughly the same as in the first (1.2 percent) and up from an average of 0.5 percent in the four quarters of 2001.

Table 1 at the end of this article presents the quarterly estimates of personal income for each State and region, beginning with the third quarter of 1998. Table 2 presents the quarterly estimates of personal income by major source and of earnings by industry, beginning with the fourth quarter of 2000.

U.S. personal income increased \$110 billion, or 1.3 percent, in the second quarter after increasing \$102 billion, or 1.2 percent, in the first. By component, net earnings grew 0.8 percent in the second quarter, the same rate as in the first quarter.² Dividends, interest, and rent grew 1.9 percent after growing 0.3 percent, and transfer payments grew 2.4 percent after growing 3.9 percent.

The contributions of the three major components

1. Percent changes from the preceding quarter are expressed at quarterly rates.

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

Net earnings is used to analyze changes in the composition of personal income; earnings by place of work is used to analyze changes in the industrial structure of earnings. Estimates of net earnings by industry are not available, because the source data used to adjust earnings to a place-of-residence basis are not available by industry and because personal contributions for social insurance are not estimated by industry. For the definitions of the components of earnings, see U.S. Bureau of Economic Analysis, *State Personal Income, 1929-97* (Washington, DC: U.S. Government Printing Office, 1999), or go to BEA's Web site at <www.bea.gov/bea/mp.htm>, and look under "Regional programs" for "State Personal Income, 1929-97."

NOTE. The quarterly estimates of State personal income are prepared by the Regional Economic Measurement Division.

to growth in the second quarter differed markedly from those in the first (table B). Net earnings accounted for 67 percent of total U.S. personal income, but it contributed only 44 percent of second-quarter growth, down from 49 percent of first-quarter growth. The smaller contribution of net earnings reflected weakness in the Nation's labor market; the U.S. unemployment rate hovered around 5.9 percent in the second quarter, compared with 4.5 percent in the second quarter of 2001.

Dividends, interest, and rent accounted for 19 percent of total personal income, but it contributed 29 percent of second-quarter growth, up from 5 percent of first-quarter growth. The pickup in dividends, interest, and rent was partly due to step-ups in the growth in interest income, reflecting faster accumulation of interest-bearing assets, and in rental income of persons.

Transfer payments accounted for 14 percent of total personal income, but it contributed 28 percent of second-quarter growth, down from 46 percent of first-quarter growth. The slowdown in transfer payments followed a typical first-quarter uptick, when cost-of-living adjustments boosted payments for social security and other Federal programs.

By industry, U.S. earnings by place of work grew 0.8 percent in the second quarter, nearly unchanged from the 0.9-percent growth rate in the first (table C). Earnings declined in farms and mining; grew at slower rates in construction, trade, and government; and picked up in services, manufacturing, transportation and public utilities, and finance, insurance, and real estate. The decline in farm earnings, mainly reflecting price drops in cash receipts for crops and livestock, was nearly offset by increases in other industries, particularly services and government. Although manufacturing continued shedding jobs nationwide—about 85,000 jobs in the second quarter—the industry contributed positively to earnings growth for the first time since the third quarter of 2000 (table D). The second-quarter growth in manufacturing earnings partly reflected increases in average weekly earnings due to overtime paid to employees in various industries, such as chemicals, food processing, lumber and wood products, textiles, motor vehicles, and instruments and equipment.

contributor to growth in Washington, Utah, and Wyoming; and transfer payments was the major contributor to growth in New Mexico.

States with the fastest growth in personal income.

The States in the top quintile of personal income growth in the second quarter were Nevada, South Dakota, Rhode Island, Colorado, Delaware, Oklahoma, Michigan, Virginia, South Carolina, and Arkansas (chart 1). Most of these States were in the top quintile of personal income growth over the last four quarters, but their pattern of growth varied substantially. For example, Nevada's personal income grew at nearly double the national rate, but most of that growth occurred in the last two quarters. In South Dakota, Oklahoma, and Arkansas, personal income consistently grew above the national average during the last four quarters. In Colorado, Michigan, and Virginia, personal income growth was below the national average during the last four quarters, but it picked up substantially in the second quarter.

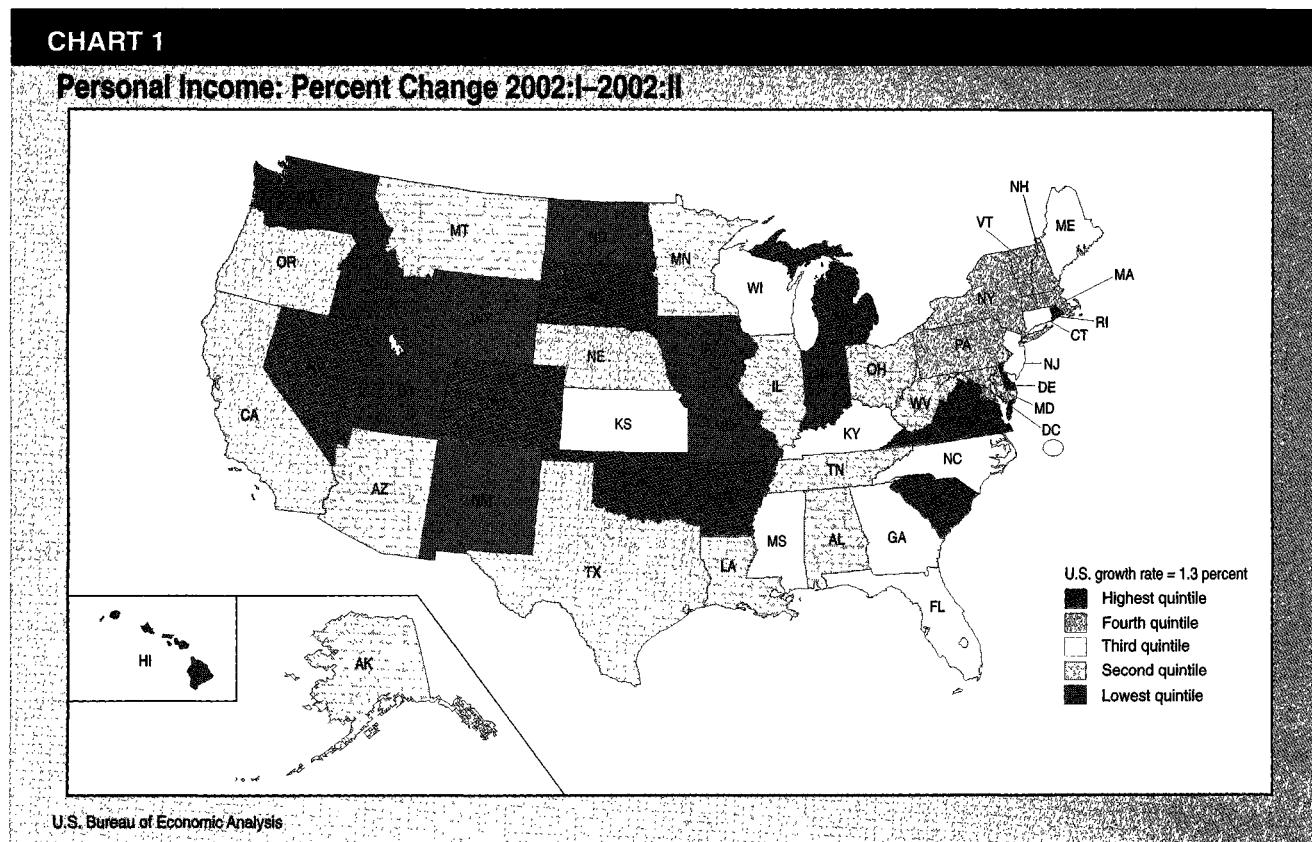
The fast personal income growth in all of the top quintile States mainly reflected strength in earnings. In addition, Michigan had the second-fastest growth in transfer payments nationwide, partly reflecting increases in unemployment benefits.

By industry, although the manufacturing sector was

still weak nationwide, all the top quintile States had increases in manufacturing earnings, reflecting increases in average weekly earnings due to overtime paid to employees. In most of these States, earnings in services, government, and retail trade also contributed to the earnings growth. In addition, Nevada led the nation in earnings growth in government, retail trade, and finance, insurance, and real estate. In Colorado, earnings in construction, transportation and public utilities, and finance, insurance, and real estate contributed to earnings growth. In Delaware, construction earnings was the largest contributor to growth, and manufacturing earnings, mainly chemicals and related products, was the next largest. In Michigan, the relatively fast growth in manufacturing earnings partly reflected overtime payments in the motor vehicle industry. In Virginia, earnings in transportation and public utilities contributed to earnings growth; increases in earnings in nondurable-goods manufacturing were concentrated in the chemicals, textiles, tobacco, and food-processing industries.

States with the slowest growth in personal income.

Most of the States in the bottom quintile of personal income growth were in the western part of the Nation: Indiana, Washington, Hawaii, Missouri, Wyoming, New Mexico, Utah, Idaho, Iowa, and North



Dakota. In all of the States except Indiana, personal income growth decelerated substantially in the second quarter. Washington, Hawaii, Idaho, and North Dakota were in the top quintile of personal income growth in the first quarter. Wyoming and New Mexico

had above-average growth in the first quarter and in the fourth and third quarters of 2001. Many of the remaining slow-growing States had wide fluctuations in personal income growth during the last four quarters, partly reflecting fluctuations in farm activity.

Table B. Personal Income by Component, 2002:II

[Ranked by percent change in personal income, 2002:II]

	Percent change				Percent change in personal income	Contribution to percent change in personal income (percentage points)			Dollar change (in millions) ²			
	Personal income	Net earnings ¹	Dividends, interest, and rent	Transfer payments		Net earnings ¹	Dividends, interest, and rent	Transfer payments	Personal income	Net earnings ¹	Dividends, interest, and rent	Transfer payments
United States	1.3	0.8	1.9	2.4	1.3	0.55	0.35	0.35	110,111	48,398	31,114	30,599
Nevada	2.2	2.1	2.3	2.1	2.2	1.45	0.46	0.24	1,388	935	297	155
South Dakota	1.8	1.9	1.8	1.5	1.8	1.20	0.42	0.22	381	249	87	46
Rhode Island	1.8	1.6	1.9	2.7	1.8	0.99	0.35	0.50	602	325	114	163
Colorado	1.8	1.6	2.2	3.0	1.8	1.13	0.38	0.28	2,648	1,671	567	411
Delaware	1.7	1.4	2.1	2.9	1.7	0.94	0.39	0.36	454	252	105	97
Oklahoma	1.6	1.5	1.8	1.9	1.6	1.00	0.31	0.31	1,443	889	276	276
Michigan	1.6	1.2	1.4	3.7	1.6	0.78	0.26	0.57	4,814	2,332	789	1,695
Virginia	1.6	1.3	2.2	2.6	1.6	0.90	0.39	0.28	3,673	2,107	913	654
South Carolina	1.5	1.1	2.2	2.4	1.5	0.70	0.39	0.41	1,545	722	404	418
Arkansas	1.5	1.3	1.7	2.0	1.5	0.82	0.30	0.38	946	515	190	241
Massachusetts	1.5	0.9	2.2	3.5	1.5	0.61	0.40	0.47	3,664	1,508	986	1,172
Nebraska	1.5	1.3	1.5	2.2	1.5	0.85	0.32	0.29	748	436	162	150
Maryland	1.4	1.1	2.2	2.5	1.4	0.78	0.40	0.26	2,795	1,521	766	509
Vermont	1.4	1.1	1.7	2.4	1.4	0.71	0.35	0.37	255	127	61	66
Oregon	1.4	1.2	1.5	2.4	1.4	0.73	0.31	0.38	1,408	726	307	375
California	1.4	0.9	2.6	2.5	1.4	0.60	0.48	0.32	15,848	6,816	5,424	3,607
New York	1.4	1.1	1.5	2.3	1.4	0.74	0.27	0.38	9,388	5,012	1,822	2,555
New Hampshire	1.4	1.1	2.2	1.6	1.4	0.79	0.40	0.18	597	343	174	79
Pennsylvania	1.4	1.0	1.5	2.6	1.4	0.66	0.27	0.44	5,315	2,563	1,057	1,696
Texas	1.4	1.1	2.0	1.9	1.4	0.83	0.30	0.24	8,407	5,105	1,823	1,480
New Jersey	1.4	0.8	1.9	4.0	1.4	0.55	0.33	0.48	4,561	1,851	1,109	1,601
Georgia	1.3	0.9	2.5	2.3	1.3	0.66	0.41	0.28	3,308	1,611	1,017	681
Kentucky	1.3	0.9	1.8	2.6	1.3	0.54	0.31	0.47	1,367	560	324	484
Florida	1.3	1.0	1.7	1.8	1.3	0.59	0.42	0.29	6,365	2,877	2,061	1,427
Maine	1.3	1.0	1.7	1.8	1.3	0.66	0.32	0.32	461	234	113	115
District of Columbia	1.3	1.3	1.9	0.7	1.3	0.84	0.37	0.09	303	196	86	20
Wisconsin	1.3	0.9	1.7	2.5	1.3	0.61	0.33	0.35	2,076	986	532	558
Mississippi	1.3	0.8	1.9	2.1	1.3	0.52	0.31	0.44	812	330	201	282
Kansas	1.2	1.0	1.5	1.9	1.2	0.69	0.30	0.26	990	546	236	208
Connecticut	1.2	0.8	1.9	2.8	1.2	0.56	0.34	0.32	1,788	819	500	469
North Carolina	1.1	0.4	2.2	2.6	1.1	0.27	0.41	0.40	2,461	617	937	906
Illinois	1.1	0.5	1.7	3.1	1.1	0.35	0.34	0.38	4,390	1,437	1,391	1,562
Alaska	1.0	1.0	1.3	0.8	1.0	0.67	0.21	0.14	207	136	42	28
Louisiana	1.0	0.6	1.6	1.7	1.0	0.41	0.27	0.32	1,132	463	302	367
Alabama	1.0	0.5	1.8	1.9	1.0	0.31	0.33	0.35	1,099	344	367	387
Minnesota	1.0	0.3	2.0	3.2	1.0	0.19	0.41	0.38	1,633	312	681	639
Arizona	1.0	0.5	2.2	1.6	1.0	0.32	0.42	0.23	1,354	443	586	326
West Virginia	0.9	0.4	1.6	1.7	0.9	0.22	0.28	0.40	378	91	118	169
Ohio	0.8	0.3	1.5	2.2	0.8	0.21	0.28	0.35	2,800	710	931	1,159
Montana	0.8	0.3	1.5	1.9	0.8	0.18	0.34	0.31	183	40	74	69
Tennessee	0.8	0.1	2.0	2.4	0.8	0.09	0.32	0.40	1,292	149	503	641
Indiana	0.8	0.1	1.7	2.7	0.8	0.09	0.31	0.40	1,383	153	540	691
Washington	0.7	0.1	2.1	2.1	0.7	0.07	0.39	0.28	1,453	136	763	554
Hawaii	0.7	0.5	1.6	0.6	0.7	0.31	0.30	0.08	251	114	108	29
Missouri	0.7	0	1.5	2.2	0.7	0.02	0.30	0.36	1,094	28	483	582
Wyoming	0.5	-0.2	1.9	1.9	0.5	-0.15	0.47	0.23	82	-23	71	34
New Mexico	0.5	-0.2	1.5	2.1	0.5	-0.13	0.26	0.35	211	-58	114	155
Utah	0.4	-0.4	2.1	2.6	0.4	-0.27	0.35	0.29	207	-150	196	162
Idaho	0.2	-0.7	1.6	2.4	0.2	-0.45	0.31	0.34	64	-152	102	113
Iowa	0.2	-0.7	1.5	2.3	0.2	-0.47	0.31	0.34	137	-385	249	274
North Dakota	-0.3	-1.6	1.5	2.3	-0.3	-1.00	0.32	0.37	-54	-170	54	63
BEA regions												
New England	1.4	0.9	2.0	3.0	1.4	0.64	0.37	0.39	7,369	3,356	1,948	2,065
Midwest	1.4	1.0	1.7	2.6	1.4	0.69	0.30	0.39	22,817	11,393	4,945	6,479
Far West	1.3	0.8	2.4	2.3	1.3	0.57	0.45	0.30	20,554	8,864	6,941	4,749
Southwest	1.3	1.0	2.0	1.9	1.3	0.72	0.32	0.25	11,417	6,381	2,799	2,237
Southeast	1.2	0.8	1.9	2.2	1.2	0.53	0.38	0.34	24,378	10,386	7,336	6,656
Rocky Mountain	1.2	0.7	2.0	2.6	1.2	0.50	0.37	0.29	3,185	1,385	1,010	790
Great Lakes	1.1	0.6	1.6	2.9	1.1	0.41	0.30	0.41	15,464	5,617	4,184	5,664
Plains	0.9	0.3	1.7	2.4	0.9	0.18	0.34	0.34	4,929	1,015	1,952	1,960

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

2. Dollar changes are expressed at annual rates.
Note. Estimates may not add to totals because of rounding.

By industry, a sharp decline in farm earnings, reflecting decreases in cash receipts for crops and livestock, was the largest contributor to weak income growth in Wyoming, New Mexico, Idaho, Iowa, and North Dakota. In Missouri, Utah, and Idaho, earnings

declines in transportation and public utilities held back earnings growth. In Indiana and New Mexico, a decline in construction earnings contributed substantially to weak earnings growth. In Washington, earnings in both durable- and nondurable-goods

Table C. Percent Change of Earnings by Major Industry, 2002:II
[Ranked by percent change in personal income, 2002:II]

	Earnings by place of work	Earnings by industry										
		Farms	Mining	Construction	Durable goods manufacturing	Nondurable goods manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States	0.8	-31.7	-0.7	0.6	0.3	0.7	1.1	0.6	1.2	1.1	1.5	1.2
Nevada.....	2.1	-31.6	-3.2	2.6	0.2	3.1	2.1	1.6	2.6	3.0	2.2	2.6
South Dakota.....	2.0	-7.0	3.6	4.3	6.6	3.2	2.0	0.6	1.3	1.1	3.5	1.7
Rhode Island.....	1.7	-3.7	-0.8	1.6	1.0	4.1	0.6	-0.5	1.7	0.4	3.1	1.2
Colorado.....	1.6	-19.8	1.5	3.4	3.9	4.1	1.8	0.9	0.1	1.7	1.6	1.5
Delaware.....	1.5	-38.4	(¹)	9.5	3.0	3.9	0.6	0.9	1.7	-0.7	1.6	0.3
Oklahoma.....	1.5	-6.9	(¹)	2.1	1.5	7.0	0.6	-4.8	1.9	1.7	2.1	1.5
Michigan.....	1.3	(¹)	2.8	-0.7	3.4	-0.1	2.5	0.6	0.9	1.6	1.4	0.8
Virginia.....	1.3	-3.4	(¹)	-0.1	1.5	2.9	0.5	1.0	0.8	1.5	1.5	1.3
South Carolina.....	1.1	-28.3	-4.3	0.9	1.6	0	1.7	0.4	1.4	1.1	1.9	1.7
Arkansas.....	1.3	1.0	-1.8	1.2	1.6	2.1	1.6	0.9	1.3	1.0	1.4	1.1
Massachusetts.....	0.9	-24.8	-0.9	1.1	-0.2	0.7	1.3	0.4	0.7	1.3	1.3	0.4
Nebraska.....	1.3	-0.7	-0.9	3.1	3.0	4.9	0.8	1.1	1.4	-2.5	1.6	1.5
Maryland.....	1.1	-25.3	-1.0	-0.4	1.8	3.3	1.1	0.9	0.7	1.2	1.6	0.8
Vermont.....	1.1	-20.2	-0.3	3.4	0.5	1.4	2	0.3	1.7	1.2	1.7	0.6
Oregon.....	1.2	-3.0	-1.7	0.1	-1.1	3.3	0.7	2.2	1.4	1.1	1.6	1.0
California.....	0.9	-17.2	-1.0	0.1	-0.1	0.7	0.9	1.1	1.5	1.1	1.3	1.7
New York.....	1.2	-6.1	-0.1	0.9	0.5	0.3	1.1	0.9	1.4	1.2	1.3	1.5
New Hampshire.....	1.2	-5.9	2.8	0.9	1.2	0.8	0.5	0.4	1.6	1.4	1.6	1.4
Pennsylvania.....	1.0	1.0	-0.3	1.3	1.2	1.3	1.3	0.2	1.1	0.6	1.6	1.1
Texas.....	1.1	-2.7	-0.8	1.0	-1.8	1.9	1.6	0.7	1.5	1.9	1.6	1.6
New Jersey.....	0.7	-4.7	2.5	0	-0.9	-1.0	1.2	0.7	1.3	0.6	1.3	1.1
Georgia.....	0.9	-32.3	2.1	0.8	-1.0	0.3	1.8	0.9	1.5	0.7	1.9	1.4
Kentucky.....	0.9	-15.3	-0.8	0.3	1.6	3.0	1.3	0.1	0.9	-0.2	1.7	0.5
Florida.....	1.0	-22.6	-0.2	1.8	-0.9	-0.7	1.5	0.8	1.3	1.7	1.7	0.4
Maine.....	1.0	-18.5	0.3	0.1	-2.6	2.4	1.9	-0.3	2.4	1.6	1.8	1.0
District of Columbia.....	1.2	(¹)	(¹)	0.1	-3.7	-1.1	-1.4	3.3	3.2	2.7	1.7	0.9
Wisconsin.....	1.0	(¹)	0.8	2.7	-0.4	2.0	0.8	1.3	1.3	0	2.5	1.4
Mississippi.....	0.9	-13.6	0.2	1.5	1.3	0	1.0	1.6	1.1	1.0	1.6	0.9
Kansas.....	1.1	-0.2	0.7	4.6	3.7	0.8	-3.5	0.6	1.0	1.3	1.7	0.7
Connecticut.....	0.8	-6.3	-1.1	-1.1	-1.3	2.3	1.9	-2.8	1.6	0.9	1.8	1.2
North Carolina.....	0.4	-43.9	-1.6	0.2	2.0	0.8	0.7	0	1.5	1.0	1.9	0.9
Illinois.....	0.5	-83.2	-1.1	1.0	0.5	0.6	1.3	0.4	1.1	0.9	1.0	0.8
Alaska.....	1.0	-24.4	-1.1	1.0	-8.8	-1.8	1.0	1.2	0.7	2.2	2.1	1.3
Louisiana.....	0.6	-28.6	-1.1	0.5	-0.7	1.0	1.3	0.5	2.2	1.1	0.9	0.9
Alabama.....	0.5	-36.1	0.2	-0.3	-0.8	1.9	1.3	1.0	1.7	1.2	1.7	0.6
Minnesota.....	0.3	(¹)	3.4	0.5	-0.1	1.9	1.1	0.6	0.9	1.2	1.6	0.7
Arizona.....	0.5	-48.0	0.6	1.3	0.4	-3.0	0.4	-0.3	2.3	0.8	1.5	1.9
West Virginia.....	0.3	(¹)	-5.1	-2.2	1.1	2.9	1.3	-0.3	0.1	0.3	1.4	0.6
Ohio.....	0.3	-91.1	-2.5	-0.5	-0.7	0.9	1.4	0.5	0.8	0.7	0.7	0.9
Montana.....	0.3	-64.4	-1.4	0.6	2.0	-4.3	2.0	-0.7	1.1	1.2	1.7	2.1
Tennessee.....	0.1	(¹)	-0.2	-2.0	-1.2	-0.1	0.7	0.2	0.6	0.7	1.1	1.4
Indiana.....	0.1	(¹)	-0.5	-2.3	1.5	-1.5	0.5	0.1	0.5	1.1	1.4	1.4
Washington.....	0	-4.2	-2.0	0.5	-6.0	-5.3	2.6	0.8	1.1	1.1	1.4	1.8
Hawaii.....	0.4	0.9	0.2	3.7	1.6	0.3	2.6	2.9	1.1	-10.1	1.5	0.8
Missouri.....	0	(¹)	2.6	0.7	-0.1	0.7	-1.2	0.6	0.5	0.6	1.4	1.0
Wyoming.....	-0.2	-36.4	-1.8	0.6	1.6	0.1	2.1	3.4	0.9	2.3	1.9	1.3
New Mexico.....	-0.1	-46.1	-4.5	-3.4	4.2	0.4	4.7	0.8	1.4	1.8	1.3	2.4
Utah.....	-0.4	-36.0	-2.0	-1.1	0.4	-0.5	-4.1	0.1	0.4	0.6	0.2	1.1
Idaho.....	-0.6	-35.6	2.3	0.5	4.6	5.4	-3.1	0.5	1.5	1.9	1.1	1.6
Iowa.....	-0.7	-71.8	5.3	3.7	0.9	1.0	1.3	-0.2	0.9	-0.4	1.1	1.0
North Dakota.....	-1.3	-66.3	-1.9	2.5	4.9	4.0	1.7	-0.6	0.6	0.7	1.5	2.0
BEA regions												
New England.....	0.9	-14.9	-0.7	0.6	-0.3	1.4	1.4	-0.5	1.3	1.1	1.5	0.8
Midwest.....	1.0	-10.1	0.2	0.5	0.7	-0.1	1.1	0.7	1.2	1.0	1.4	1.2
Far West.....	0.8	-14.2	-1.4	0.4	-0.8	0.1	0.9	1.2	1.4	1.0	1.4	1.6
Southwest.....	1.0	-21.8	-0.7	1.0	-0.9	2.3	1.4	0.1	1.6	1.7	1.6	1.7
Southeast.....	0.8	-30.2	-1.3	0.5	0.4	0.9	1.4	0.6	1.3	1.1	1.6	1.0
Rocky Mountain.....	0.7	-32.2	-0.2	1.9	3.0	2.5	0.1	0.6	0.5	1.3	1.3	1.5
Great Lakes.....	0.6	(¹)	-0.6	0.1	1.1	0.5	1.4	0.5	0.9	1.0	1.2	1.0
Plains.....	0.3	-44.3	1.6	1.5	1.1	1.6	-0.4	0.5	0.9	0.5	1.5	1.0

1. Not meaningful.
2. Data are suppressed to avoid disclosure of confidential information.

manufacturing declined substantially, mainly reflecting a return to more normal levels after large lump-sum payments boosted growth in the first quarter. In Hawaii, earnings in finance, insurance, and real estate declined substantially, reflecting a return to a more

normal level after unusually large lump-sum payments in the first quarter. In Wyoming, a decline in mining earnings, particularly in oil and gas extraction, contributed to weak growth.

Tables 1 and 2 follow.

Table D. Contribution to Percent Change of Earnings, 2002:II

[Ranked by percent change in personal income, 2002:II]

	Percent change in earnings by place of work	Percentage points										
		Earnings by industry										
		Farms	Mining	Construction	Durable goods manufacturing	Nondurable goods manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States	0.8	-0.22	-0.01	0.04	0.03	0.04	0.07	0.03	0.11	0.10	0.43	0.20
Nevada	2.1	-0.09	-0.05	0.25	0.01	0.05	0.12	0.07	0.26	0.26	0.87	0.40
South Dakota	2.0	-0.49	0.01	0.26	0.50	0.11	0.13	0.04	0.13	0.09	0.89	0.33
Rhode Island	1.7	0	0	0.09	0.09	0.06	0.03	-0.02	0.16	0.03	1.01	0.22
Colorado	1.6	-0.18	0.02	0.28	0.25	0.12	0.18	0.05	0.01	0.14	0.48	0.24
Delaware	1.5	-0.29	(2)	0.61	0.13	0.54	0.03	0.04	0.14	-0.13	0.40	0.04
Oklahoma	1.5	-0.10	0.06	0.11	0.11	0.45	0.06	-0.25	0.18	0.09	0.51	0.33
Michigan	1.2	(1)	0.01	-0.04	0.68	-0.01	0.13	0.04	0.08	0.10	0.37	0.12
Virginia	1.3	-0.01	0	-0.01	0.08	0.13	0.11	0.02	0.08	0.06	0.47	0.32
South Carolina	1.1	-0.23	0	0.06	0.14	0	0.10	0.02	0.14	0.07	0.44	0.36
Arkansas	1.3	0.03	-0.01	0.07	0.17	0.18	0.14	0.05	0.15	0.05	0.33	0.19
Massachusetts	0.9	-0.01	0	0.07	-0.02	0.03	0.06	0.02	0.06	0.16	0.46	0.05
Nebraska	1.3	-0.03	0	0.19	0.17	0.31	0.08	0.06	0.12	-0.21	0.37	0.25
Maryland	1.1	-0.08	0	-0.03	0.08	0.11	0.06	0.05	0.06	0.10	0.55	0.19
Vermont	1.1	-0.17	0	0.25	0.06	0.06	0.06	0.02	0.18	0.07	0.52	0.10
Oregon	1.2	-0.03	0	0.01	0.15	0.12	0.04	0.15	0.14	0.08	0.42	0.18
California	0.9	-0.18	0	0	-0.01	0.03	0.06	0.06	0.13	0.10	0.43	0.26
New York	1.1	-0.01	0	0	0.03	0.01	0.06	0.05	0.09	0.26	0.42	0.21
New Hampshire	1.2	-0.01	0	0.07	0.27	0.03	0.02	0.03	0.19	0.11	0.30	0.16
Pennsylvania	1.0	0	0	0.08	0.11	-0.07	0.09	0.01	0.09	0.05	0.52	0.14
Texas	1.1	-0.01	-0.04	0.07	-0.13	0.09	0.15	0.04	0.13	0.15	0.43	0.24
New Jersey	0.7	0	0	0	-0.04	-0.09	0.10	0.06	0.10	0.06	0.40	0.15
Georgia	0.9	-0.29	0	0.05	-0.06	0.02	0.19	0.07	0.13	0.05	0.54	0.23
Kentucky	0.9	-0.17	-0.02	0.02	0.19	0.20	0.10	0	0.08	-0.01	0.41	0.09
Florida	1.0	-0.18	0	0.12	-0.04	-0.02	0.10	0.05	0.14	0.17	0.61	0.07
Maine	1.0	-0.11	0	0	-0.18	0.16	0.09	-0.01	0.29	0.12	0.54	0.20
District of Columbia	1.2	(2)	(2)	0	-0.01	-0.02	-0.04	0.03	0.07	0.14	0.72	0.38
Wisconsin	1.0	(1)	0	0.18	-0.06	0.19	0.05	0.08	0.12	0.10	0.64	0.21
Mississippi	0.9	-0.20	0	0.10	0.15	0	0.06	0.07	0.11	0	0.39	0.20
Kansas	1.1	-0.11	0.01	0.27	0.39	0.04	-0.35	0.04	0.09	0.09	0.39	0.13
Connecticut	0.8	-0.01	0	-0.06	-0.14	0.13	0.09	-0.16	0.13	0.14	0.52	0.15
North Carolina	0.4	-0.70	0	0.01	0.19	0.07	0.04	0	0.14	0.08	0.47	0.16
Illinois	0.5	-0.33	0	0.06	0.04	0.04	0.09	0.03	0.09	0.09	0.32	0.11
Alaska	1.0	-0.02	-0.08	0.08	-0.08	-0.05	0.11	0.03	0.06	0.09	0.47	0.40
Louisiana	0.6	-0.17	-0.05	0.03	-0.03	0.07	0.10	0.03	0.20	0.06	0.24	0.19
Alabama	0.5	-0.43	0	-0.02	-0.08	0.14	0.08	0.06	0.15	0.07	0.41	0.12
Minnesota	0.3	(1)	0.01	0.03	-0.01	0.14	0.06	0.04	0.09	0.12	0.44	0.09
Arizona	0.5	-0.65	0	0.10	0.04	-0.06	0.02	-0.01	0.24	0.08	0.44	0.33
West Virginia	0.3	(1)	-0.32	-0.14	0.07	0.17	0.09	-0.01	0.01	0.01	0.38	0.14
Ohio	0.3	-0.19	-0.01	-0.03	-0.10	0.07	0.08	0.03	0.07	0.05	0.20	0.15
Montana	0.3	-0.88	-0.03	0.04	0.08	-0.10	0.15	-0.03	0.13	0.08	0.49	0.47
Tennessee	0.1	(1)	0	-0.13	-0.12	-0.01	0.05	0.01	0.06	0.05	0.33	0.20
Indiana	0.1	(1)	0	-0.16	0.28	-0.11	0.03	0	0.04	0.07	0.33	0.20
Washington	0	-0.05	0	0.03	-0.63	-0.20	0.01	0.03	0.07	0.08	0.40	0.34
Hawaii	0.4	0.01	0	0.22	0.01	0.01	0.18	0.10	0.12	-0.88	0.43	0.25
Missouri	0	(1)	0.01	-0.05	-0.01	0.05	-0.10	0.04	0.05	0.05	0.40	0.16
Wyoming	-0.2	-1.01	-0.26	0.05	0.03	0	0.01	0.11	0.08	0.12	0.37	0.32
New Mexico	-0.1	-1.37	-0.13	-0.22	0.18	0.01	0.12	0.03	0.14	0.09	0.37	0.69
Utah	-0.4	-0.28	-0.02	-0.08	0.03	-0.02	-0.36	0.01	0.04	0.05	0.05	0.21
Idaho	-0.6	-1.94	0.01	0.04	0.50	0.23	-0.22	0.03	0.15	0.10	0.26	0.30
Iowa	-0.7	-1.62	0.01	0.23	0.10	0.07	0.08	-0.01	0.09	-0.04	0.27	0.17
North Dakota	-1.3	-2.77	-0.03	0.16	0.25	0.10	0.14	-0.04	0.06	0.05	0.40	0.45
BEA regions												
New England	0.9	-0.02	0	0.03	-0.03	0.07	0.07	-0.03	0.11	0.14	0.50	0.10
Midwest	1.0	-0.02	0	0.02	0.04	-0.01	0.07	0.04	0.09	0.15	0.46	0.19
Far West	0.8	-0.14	-0.01	0.02	-0.07	0.01	0.05	0.06	0.13	0.08	0.44	0.28
Southwest	1.0	-0.18	-0.03	0.06	-0.07	0.10	0.12	0.01	0.15	0.13	0.44	0.28
Southeast	0.8	-0.26	-0.01	0.03	0.03	0.06	0.10	0.04	0.12	0.08	0.47	0.18
Rocky Mountain	0.7	-0.50	0	0.15	0.21	0.08	0.01	0.03	0.05	0.11	0.36	0.26
Great Lakes	0.6	(1)	0	0	0.16	0.04	0.08	0.03	0.08	0.08	0.34	0.15
Plains	0.3	-0.68	0.01	0.10	0.10	0.10	-0.03	0.03	0.08	0.04	0.41	0.16

1. Not meaningful.

2. Data are suppressed to avoid disclosure of confidential information.

Note: Estimates may not add to totals because of rounding.

Table 1. Personal Income by State and Region [Millions of dollars, seasonally adjusted at annual rates]

Table with 16 columns: Area name, 1998 (III, IV), 1999 (I', II', III', IV'), 2000 (I', II', III', IV'), 2001 (I', II', III', IV'), 2002 (I', II'), and Percent change '02-'01. Rows list regions and states like New England, Midwest, Great Lakes, Plains, Southeast, Southwest, Rocky Mountain, and Far West.

^ Preliminary.

r Revised.

1. Percent change was calculated from 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 estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table 2. Personal Income by Major Source
 (Millions of dollars, seasonally)

Line	Item	United States						Alabama							
		2000		2001		2002		2000		2001		2002			
		IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p	IV ^r	I ^r	II ^r	III ^r	IV ^r	I ^r	II ^p
Income by place of residence															
1	Personal income (lines 4-11).....	8,569,877	8,652,160	8,669,921	8,697,999	8,692,940	8,794,858	8,904,969	107,387	109,010	109,740	110,160	110,182	111,548	112,647
2	Nonfarm personal income.....	8,529,453	8,611,573	8,629,738	8,658,342	8,653,087	8,752,050	8,875,733	106,556	107,736	108,438	108,904	108,901	110,641	112,066
3	Farm income (line 17).....	40,424	40,587	40,183	39,657	39,852	42,808	29,236	831	1,275	1,303	1,256	1,282	907	580
Derivation of personal income															
4	Earnings by place of work (lines 12-16 or 17-34).....	6,188,880	6,241,406	6,246,373	6,251,276	6,231,913	6,289,199	6,340,674	72,754	73,960	74,601	74,853	74,749	75,459	75,830
5	Less: Personal contributions for social insurance ²	362,524	370,588	371,604	372,480	372,088	379,868	382,935	4,564	4,679	4,733	4,764	4,763	4,896	4,934
6	Plus: Adjustment for residence ³	-1,083	-1,106	-1,096	-1,089	-1,081	-1,144	-1,154	923	908	906	903	902	920	930
7	Equals: Net earnings by place of residence.....	5,825,273	5,869,712	5,873,673	5,877,707	5,858,744	5,908,187	5,956,585	69,113	70,189	70,774	70,992	70,889	71,482	71,822
8	Plus: Dividends, interest, and rent ⁴	1,649,928	1,646,872	1,636,476	1,637,080	1,628,424	1,633,896	1,665,010	20,517	20,252	20,118	20,075	19,946	20,003	20,370
9	Plus: Transfer payments.....	1,094,676	1,135,576	1,159,772	1,183,212	1,205,772	1,252,775	1,283,374	17,957	18,568	18,848	19,092	19,347	20,063	20,450
10	Plus: State unemployment insurance benefits.....	21,616	23,808	28,876	32,776	40,668	51,922	66,957	253	275	313	298	348	448	567
11	Transfers excluding State unemployment insurance benefits.....	1,073,060	1,111,768	1,130,896	1,150,436	1,165,104	1,200,853	1,216,417	17,705	18,294	18,534	18,794	18,999	19,615	19,884
Earnings by place of work															
Components of earnings:															
12	Wage and salary disbursements.....	4,915,780	4,957,848	4,954,236	4,951,168	4,929,208	4,955,095	4,994,260	57,994	58,646	59,095	59,295	59,074	59,812	60,264
13	Other labor income.....	552,664	559,932	563,380	567,484	571,344	585,691	598,887	7,170	7,279	7,369	7,422	7,487	7,735	7,887
14	Proprietors' income ⁵	720,436	723,622	728,575	732,624	731,361	748,413	747,527	7,590	8,034	8,137	8,137	8,188	7,912	7,679
15	Farm proprietors' income.....	22,368	21,726	20,593	19,488	19,277	21,752	7,510	699	1,120	1,138	1,082	1,102	724	391
16	Nonfarm proprietors' income.....	698,068	701,900	708,164	713,136	712,084	726,661	740,017	6,891	6,914	6,999	7,054	7,086	7,188	7,288
Earnings by industry															
17	Farm earnings.....	40,424	40,587	40,183	39,657	39,852	42,808	29,236	831	1,275	1,303	1,256	1,282	907	580
18	Nonfarm earnings.....	6,148,456	6,200,819	6,206,190	6,211,619	6,192,061	6,246,391	6,311,438	71,923	72,686	73,298	73,597	73,465	74,551	75,250
19	Private earnings.....	5,194,460	5,225,879	5,218,025	5,209,344	5,178,922	5,210,685	5,263,079	57,425	58,011	58,411	58,812	58,533	59,193	59,799
20	Agricultural services, forestry, fishing, and other ⁶	42,600	43,696	44,709	45,489	45,268	46,254	45,120	483	498	501	516	505	513	498
21	Mining.....	52,812	53,659	53,243	53,958	55,079	54,487	54,103	634	649	629	642	671	672	674
22	Construction.....	371,116	378,038	382,013	386,115	383,754	390,071	392,323	4,796	4,808	4,918	4,910	4,874	4,857	4,841
23	Manufacturing.....	958,348	941,188	929,993	916,071	904,427	894,318	898,770	13,568	13,583	13,426	13,489	13,265	13,381	13,425
24	Durable goods.....	598,908	587,382	573,341	564,971	557,138	546,448	548,311	7,719	7,610	7,617	7,649	7,669	7,882	7,821
25	Non-durable goods.....	359,440	353,807	356,653	351,100	347,289	347,870	350,460	5,849	5,973	5,809	5,840	5,596	5,499	5,603
26	Transportation and public utilities.....	426,668	428,014	428,449	426,859	425,441	425,145	429,678	4,810	4,922	4,937	4,847	4,890	4,902	4,965
27	Wholesale trade.....	381,484	375,817	375,147	372,499	365,333	373,978	376,116	4,293	4,263	4,240	4,264	4,132	4,303	4,347
28	Retail trade.....	538,080	549,148	546,913	551,724	550,548	557,541	564,411	6,653	6,812	6,816	6,918	6,990	7,052	7,168
29	Finance, insurance, and real estate.....	594,464	614,115	597,576	599,789	600,360	599,596	605,982	4,266	4,332	4,441	4,513	4,555	4,691	4,746
30	Services.....	1,828,899	1,842,213	1,859,981	1,856,840	1,848,712	1,869,294	1,896,577	17,921	18,144	18,501	18,712	18,650	18,823	19,135
31	Government and government enterprises.....	953,996	974,940	988,165	1,002,275	1,013,139	1,035,706	1,048,358	14,498	14,674	14,881	14,785	14,935	15,358	15,450
32	Federal, civilian.....	184,916	189,551	190,778	191,134	189,073	196,684	198,910	3,377	3,467	3,490	3,477	3,436	3,577	3,597
33	Military.....	76,788	80,073	79,250	78,796	80,222	86,976	88,444	1,200	1,248	1,231	1,237	1,287	1,386	1,389
34	State and local.....	692,292	705,316	718,137	732,345	743,844	752,046	761,004	9,921	9,959	10,167	10,071	10,212	10,395	10,464

See footnotes at the end of table.

Table 2. Personal Income by Major Source
[Millions of dollars, seasonally]

Table for New Hampshire and New Jersey. Columns include Line, Item, and years 2000, 2001, 2002 for each state. Rows include Income by place of residence, Derivation of personal income, Earnings by place of work, and Earnings by industry.

Table for North Dakota and Ohio. Columns include Line, Item, and years 2000, 2001, 2002 for each state. Rows include Income by place of residence, Derivation of personal income, Earnings by place of work, and Earnings by industry.

See footnotes at the end of table.

and Earnings by Industry, 1 2000:IV-2002:II-Continued
adjusted at annual rates]

Table with columns for New Mexico, New York, and North Carolina, and rows for years 2000, 2001, and 2002, with sub-columns for quarters (I, II, III, IV) and lines (1-16).

Table with columns for Oklahoma, Oregon, and Pennsylvania, and rows for years 2000, 2001, and 2002, with sub-columns for quarters (I, II, III, IV) and lines (1-16).

BEA Current and Historical Data

National, International, and Regional Data

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

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

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Table 1.9. Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Gross domestic product	9,824.6	10,082.2	10,097.7	10,152.9	10,313.1	10,376.9	10,486.1
Plus: Income receipts from the rest of the world	383.4	316.9	302.0	269.0	264.7	276.0	.....
Less: Income payments to the rest of the world	360.0	295.0	290.5	233.7	262.8	296.1	.....
Equals: Gross national product	9,848.0	10,104.1	10,109.3	10,188.1	10,314.9	10,356.8	.....
Less: Consumption of fixed capital	1,228.9	1,329.3	1,381.8	1,338.6	1,363.5	1,389.8	1,406.7
Private	1,018.0	1,106.8	1,153.8	1,114.4	1,136.9	1,161.2	1,176.1
Capital consumption allowances	1,037.1	1,168.4	1,180.3	1,331.9	1,324.0	1,322.0	1,317.9
Less: Capital consumption adjustment	19.1	61.6	26.5	217.5	187.0	160.8	141.8
Government	210.9	222.4	227.9	224.2	226.5	228.6	230.6
General government	179.5	187.7	188.4	190.4	192.5	194.1	195.8
Government enterprises	31.5	34.8	39.6	33.8	34.0	34.4	34.8
Equals: Net national product	8,619.1	8,774.8	8,727.5	8,849.5	8,951.5	8,967.0	.....
Less: Indirect business tax and nontax liability Business transfer payments	43.7	42.5	42.6	42.8	43.8	43.9	44.1
Statistical discrepancy	-128.5	-117.3	-117.8	-132.6	-110.0	-164.6	.....
Plus: Subsidies less current surplus of government enterprises	34.1	47.3	59.1	37.5	37.0	35.1	29.1
Equals: National income	7,984.4	8,122.0	8,089.1	8,196.8	8,268.5	8,327.7	.....
Less: Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	687.2	811.4	797.6	785.0	.....
Net interest	611.5	649.8	648.3	653.9	672.8	678.1	691.2
Contributions for social insurance	701.3	726.1	727.4	725.8	740.4	746.0	752.2
Wage accruals less disbursements .....	.0	.0	.0	.0	.0	.0	.0
Plus: Personal interest income	1,077.0	1,091.3	1,086.4	1,072.9	1,069.9	1,082.3	1,082.8
Personal dividend income	375.7	409.2	411.0	417.3	423.7	430.3	437.3
Government transfer payments to persons	1,037.3	1,137.0	1,148.9	1,171.0	1,217.4	1,247.7	1,262.9
Business transfer payments to persons	33.0	33.4	33.6	34.0	34.6	34.9	35.3
Equals: Personal income	8,406.6	8,685.3	8,706.2	8,700.9	8,803.4	8,913.7	8,992.4
Addenda:							
Gross domestic income	9,953.1	10,199.4	10,215.6	10,285.5	10,423.1	10,541.5	.....
Gross national income	9,976.5	10,221.4	10,227.1	10,320.7	10,424.9	10,521.4	.....
Net domestic product	8,595.7	8,752.9	8,716.0	8,814.3	8,949.6	8,987.0	9,079.4

Table 1.10. Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product
[Billions of chained (1996) dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Gross domestic product	9,191.4	9,214.5	9,186.4	9,248.8	9,363.2	9,392.4	9,465.2
Plus: Income receipts from the rest of the world	359.0	292.0	278.1	247.4	242.8	251.8	.....
Less: Income payments to the rest of the world	333.6	269.2	264.9	213.1	239.2	268.2	.....
Equals: Gross national product	9,216.2	9,237.3	9,199.8	9,283.5	9,367.5	9,376.7	.....
Less: Consumption of fixed capital	1,226.1	1,320.8	1,378.1	1,333.5	1,357.9	1,390.9	1,417.0
Private	1,024.0	1,110.7	1,163.0	1,122.2	1,144.8	1,176.2	1,200.9
Government	202.5	210.9	216.1	212.1	214.0	215.8	217.5
General government	173.3	179.2	179.9	181.5	183.2	184.7	186.1
Government enterprises	29.2	31.7	36.0	30.6	30.9	31.1	31.3
Equals: Net national product	7,994.4	7,928.1	7,838.8	7,961.1	8,022.0	8,001.6	.....
Addenda:							
Gross domestic income ¹	9,311.6	9,321.7	9,293.6	9,369.5	9,463.1	9,541.4	.....
Gross national income ²	9,336.4	9,344.5	9,307.1	9,404.2	9,467.4	9,525.7	.....
Net domestic product	7,969.7	7,905.4	7,825.3	7,926.7	8,017.7	8,017.0	8,065.4

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.
2. Gross national income deflated by the implicit price deflator for gross national product.
NOTE: Except as noted in footnotes 1 and 2, chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.
The chain-type quantity index for gross national product is shown in table 7.3.

Table 1.11. Command-Basis Real Gross National Product
[Billions of chained (1996) dollars]

	2000	2001	2001	2001	2001	2001
			III	IV	I	II
Gross national product	9,216.2	9,237.3	9,199.8	9,283.5	9,367.5	9,376.7
Less: Exports of goods and services and income receipts from the rest of the world	1,498.9	1,366.5	1,324.1	1,264.7	1,268.0	1,311.9
Plus: Command-basis exports of goods and services and income receipts from the rest of the world ¹	1,516.6	1,410.0	1,400.2	1,314.9	1,321.2	1,345.6
Equals: Command-basis gross national product	9,233.9	9,280.9	9,275.9	9,333.7	9,420.6	9,410.3
Addendum:						
Terms of trade ²	101.2	103.2	105.7	104.0	104.2	102.6

1. Exports of goods and services and income receipts deflated by the implicit price deflator for imports of goods and services and income payments.
2. Ratio of the implicit price deflator for exports of goods and services and income receipts to the corresponding implicit price deflator for imports divided by 100.
NOTE: Chained (1996) dollar series are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.
Percent changes from preceding period for gross national product are shown in table 8.1.
Chain-type quantity indexes for the series in this table are shown in table 7.3.

3. Government Current Receipts and Expenditures

Table 3.1. Government Current Receipts and Expenditures
 [Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Current receipts	3,000.6	2,992.3	2,878.2	2,986.1	2,865.7	2,882.0	.....
Personal tax and nontax receipts.....	1,286.4	1,292.1	1,181.9	1,309.7	1,136.8	1,127.2	1,118.0
Corporate profits tax accruals.....	259.4	199.3	196.2	170.6	202.4	213.7	.....
Indirect business tax and nontax accruals.....	753.6	774.8	772.7	779.9	786.2	795.1	807.9
Contributions for social insurance.....	701.3	726.1	727.4	725.8	740.4	746.0	752.2
Current expenditures	2,775.8	2,951.6	2,976.1	2,994.9	3,067.3	3,117.4	3,132.3
Consumption expenditures.....	1,431.2	1,522.2	1,528.0	1,551.8	1,584.0	1,611.6	1,625.7
Transfer payments (net).....	1,050.8	1,146.6	1,157.8	1,186.3	1,240.2	1,258.3	1,274.2
To persons.....	1,037.3	1,137.0	1,148.9	1,171.0	1,217.4	1,247.7	1,262.9
To the rest of the world (net).....	13.6	9.6	8.9	15.3	22.8	10.6	11.3
Net interest paid.....	260.1	236.0	231.6	219.9	206.6	212.8	203.8
Interest paid.....	363.6	341.1	336.8	326.1	312.7	319.5	312.2
To persons and business.....	280.6	260.4	257.8	250.2	238.7	244.9	.....
To the rest of the world.....	83.0	80.7	79.0	75.9	74.0	74.7	.....
Less: Interest received by government.....	103.5	105.1	105.2	106.2	106.2	106.7	108.4
Less: Dividends received by government.....	.4	.4	.4	.4	.4	.5	.5
Subsidies less current surplus of government enterprises.....	34.1	47.3	59.1	37.5	37.0	35.1	29.1
Subsidies.....	44.1	55.3	66.6	46.1	46.4	46.0	46.5
Less: Current surplus of government enterprises.....	10.1	8.0	7.5	8.6	9.4	11.0	17.4
Less: Wage accruals less disbursements.....	.0	.0	.0	.0	.0	.0	.0
Current surplus or deficit (-), national income and product accounts	224.8	40.7	-97.9	-8.9	-201.6	-235.4	.....
Social insurance funds.....	118.4	93.2	88.4	76.3	63.9	49.6	51.4
Other.....	106.4	-52.5	-186.3	-85.1	-265.5	-284.9	.....
Addenda:							
Net lending or net borrowing (-).....	142.2	-46.9	-171.9	-105.6	-305.6	-336.0	.....
Current surplus or deficit (-), national income and product accounts.....	224.8	40.7	-97.9	-8.9	-201.6	-235.4	.....
Plus: Consumption of fixed capital.....	210.9	222.4	227.9	224.2	226.5	228.6	230.6
Plus: Capital transfers received (net).....	35.9	35.4	34.4	34.7	35.8	29.7	35.6
Less: Gross investment.....	319.8	335.8	323.7	345.0	355.5	348.2	349.7
Less: Net purchases of nonproduced assets.....	9.6	9.6	12.6	10.6	10.8	10.6	11.4

4. Foreign Transactions

Table 4.1. Foreign Transactions in the National Income and Product Accounts
(Billions of dollars)

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Receipts from the rest of the world	1,484.5	1,351.1	1,307.8	1,240.0	1,242.2	1,294.1	.....
Exports of goods and services	1,101.1	1,034.1	1,005.8	971.1	977.5	1,018.1	1,032.4
Goods ¹	785.0	733.5	708.5	687.7	679.8	709.4	722.0
Durable.....	569.7	522.4	502.8	481.8	477.2	499.3	508.6
Nondurable.....	215.4	211.2	205.7	205.8	202.6	210.0	213.5
Services ¹	316.1	300.6	297.3	283.4	297.7	308.8	310.3
Income receipts.....	383.4	316.9	302.0	269.0	264.7	276.0	.....
Payments to the rest of the world	1,484.5	1,351.1	1,307.8	1,240.0	1,242.2	1,294.1	.....
Imports of goods and services	1,466.6	1,383.0	1,318.4	1,315.6	1,337.5	1,443.7	1,469.7
Goods ¹	1,243.1	1,167.2	1,140.6	1,098.3	1,102.3	1,202.9	1,225.5
Durable.....	820.6	754.4	734.2	721.0	732.4	781.6	784.4
Nondurable.....	422.5	412.8	406.3	377.3	369.9	421.3	441.2
Services ¹	223.5	215.8	177.8	217.3	235.2	240.8	244.2
Income payments.....	360.0	295.0	290.5	233.7	262.8	296.1	.....
Transfer payments (net).....	53.7	49.8	49.7	54.6	63.5	51.5	52.3
From persons (net).....	29.5	31.1	31.8	30.6	31.5	31.9	32.2
From government (net).....	13.6	9.6	8.9	15.3	22.8	10.6	11.3
From business.....	10.6	9.1	9.0	8.8	9.2	9.0	8.8
Net foreign investment.....	-395.8	-376.7	-350.8	-363.9	-421.7	-497.2	.....

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

Table 4.2. Real Exports and Imports of Goods and Services and Receipts and Payments of Income
(Billions of chained (1996) dollars)

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Exports of goods and services	1,137.2	1,076.1	1,048.0	1,021.8	1,030.6	1,065.5	1,071.2
Goods ¹	834.7	785.2	760.0	744.6	738.1	765.8	773.0
Durable.....	607.8	558.3	538.1	517.3	512.3	536.3	545.6
Nondurable.....	226.7	226.7	221.6	227.1	225.7	229.3	227.1
Services ¹	304.1	292.0	288.7	278.2	292.2	299.7	298.5
Income receipts	359.0	292.0	278.1	247.4	242.8	251.8	.....
Imports of goods and services	1,536.0	1,492.0	1,467.0	1,447.2	1,477.1	1,552.9	1,562.4
Goods ¹	1,313.7	1,270.5	1,249.2	1,238.7	1,250.0	1,329.2	1,343.9
Durable.....	924.1	865.6	845.9	838.2	856.0	912.5	916.2
Nondurable.....	391.6	402.3	399.9	397.1	391.5	414.3	424.2
Services ¹	223.6	222.4	218.6	208.9	225.5	224.3	220.2
Income payments	333.6	269.2	264.9	213.1	239.2	268.2	.....

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

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

Chain-type quantity indexes for the series in this table are shown in table 7.9.

Table 5.10B. Change in Private Inventories by Industry

[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Change in private inventories	63.6	-60.3	-60.6	-96.5	-29.9	3.4	.4
Farm	-2.2	1.6	1.8	3.0	5.3	.4	-3.1
Construction, mining, and utilities	-3.4	7.6	6.1	4.7	1.6	-1.1	-2.6
Manufacturing	16.6	-35.9	-43.3	-39.6	-31.1	-14.2	-8.1
Durable goods industries	15.3	-29.3	-39.6	-34.3	-25.4	-14.9	-8.7
Nondurable goods industries	1.3	-6.5	-3.7	-5.3	-5.8	.6	.5
Wholesale trade	19.3	-15.6	-24.0	-25.4	-19.5	-9.0	1.9
Durable goods industries	12.1	-19.7	-24.9	-26.6	-16.2	-7.4	6.2
Nondurable goods industries	7.1	4.0	.9	1.3	-3.3	-1.6	-4.3
Retail trade	21.9	-20.7	-3.4	-41.5	13.8	22.2	9.8
Motor vehicle dealers	11.7	-15.5	-1.1	-34.7	13.9	15.4	8.0
Food and beverage stores	-2	.6	.4	1.3	-2.2	.1	.3
General merchandise stores	1.1	-5	-2.2	-3.3	-4.5	.0	2.2
Other retail stores	9.3	-5.3	.4	-4.7	6.7	6.8	-7
Other industries	11.4	2.7	2.2	2.3	.0	5.1	2.5
Addenda:							
Change in private inventories	63.6	-60.3	-60.6	-96.5	-29.9	3.4	.4
Durable goods industries	44.1	-65.0	-65.2	-95.0	-20.3	-4.8	5.7
Nondurable goods industries	19.4	4.7	4.7	-1.5	-9.7	8.2	-5.3
Nonfarm industries	65.8	-61.9	-62.3	-99.5	-35.3	3.0	3.4
Nonfarm change in book value ¹	88.2	-75.5	-83.9	-133.4	-37.1	13.4	18.9
Nonfarm inventory valuation adjustment ²	-22.5	13.6	21.5	33.9	1.8	-10.4	-15.4
Wholesale trade	19.3	-15.6	-24.0	-25.4	-19.5	-9.0	1.9
Merchant wholesale trade	16.2	-12.6	-17.1	-21.9	-16.2	-8.4	.0
Durable goods industries	9.8	-16.8	-18.8	-23.2	-14.2	-7.1	4.0
Nondurable goods industries	6.4	4.2	1.7	1.3	-2.1	-1.3	-3.9
Nonmerchant wholesale trade	3.0	-3.1	-6.9	-3.5	-3.3	-6	1.9

1. This series is derived from the Census Bureau series "current cost inventories."

2. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (such as first-in, first-out and last-in, first-out) underlying inventories derived primarily from Census Bureau statistics (see footnote 1). This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

NOTE. Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 5.11B. Real Change in Private Inventories by Industry

[Billions of chained (1996) dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Change in private inventories	65.0	-61.4	-61.8	-98.4	-28.9	4.9	1.9
Farm	-2.5	2.0	2.0	3.6	6.4	.8	-3.0
Construction, mining, and utilities	-2.6	6.4	5.7	4.3	1.6	-1.0	-2.4
Manufacturing	17.5	-36.2	-44.1	-40.2	-31.9	-14.1	-7.8
Durable goods industries	16.3	-30.1	-41.0	-35.2	-25.9	-15.0	-8.6
Nondurable goods industries	1.4	-6.3	-3.7	-5.1	-6.0	.8	.7
Wholesale trade	19.9	-16.5	-25.1	-26.8	-19.8	-8.7	2.9
Durable goods industries	12.8	-21.8	-27.5	-29.9	-17.0	-7.7	7.0
Nondurable goods industries	7.1	4.3	1.2	1.9	-3.2	-1.3	-3.5
Retail trade	21.6	-20.3	-3.3	-40.6	13.8	22.0	9.7
Motor vehicle dealers	11.7	-15.5	-1.2	-34.8	14.0	15.6	8.1
Food and beverage stores	-2	.5	.4	1.1	-2.0	.1	.3
General merchandise stores	1.1	-4	-2.1	-3.2	-4.4	.0	2.1
Other retail stores	9.2	-5.2	.3	-4.7	6.7	6.7	-6
Other industries	11.2	2.6	2.2	2.3	.0	5.0	2.5
Residual	-5	2.1	2.7	1.3	.9	.9	-7
Addenda:							
Change in private inventories	65.0	-61.4	-61.8	-98.4	-28.9	4.9	1.9
Durable goods industries	46.0	-67.9	-68.5	-99.3	-20.3	-4.4	6.4
Nondurable goods industries	19.5	4.8	4.9	-8	-8.8	9.0	-4.2
Nonfarm industries	67.2	-63.2	-63.6	-101.5	-35.1	4.2	4.8
Wholesale trade	19.9	-16.5	-25.1	-26.8	-19.8	-8.7	2.9
Merchant wholesale trade	16.8	-13.3	-17.9	-23.3	-16.4	-8.2	.9
Durable goods industries	10.3	-18.7	-20.7	-26.1	-14.8	-7.5	4.5
Nondurable goods industries	6.5	4.5	2.0	1.9	-2.0	-9	-3.2
Nonmerchant wholesale trade	3.1	-3.2	-7.1	-3.6	-3.4	-6	2.0

NOTE. Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.12B. Private Inventories and Domestic Final Sales by Industry
(Billions of dollars)

	Seasonally adjusted quarterly totals				
	2001		2002		
	III	IV	I	II	III
Private inventories ¹	1,475.5	1,430.1	1,429.4	1,438.1	1,441.9
Farm.....	101.2	100.8	104.7	104.0	100.7
Construction, mining, and utilities.....	39.8	39.3	39.5	41.9	40.6
Manufacturing.....	470.5	451.9	447.0	445.7	446.4
Durable goods industries.....	293.0	282.0	275.8	273.2	269.9
Nondurable goods industries.....	177.4	170.0	171.2	172.5	176.5
Wholesale trade.....	349.3	337.3	334.5	335.1	339.7
Durable goods industries.....	206.4	198.5	194.5	193.6	195.2
Nondurable goods industries.....	142.9	138.8	140.0	141.6	144.6
Retail trade.....	401.8	388.9	392.4	398.0	400.3
Motor vehicle dealers.....	127.9	118.3	121.1	124.5	125.8
Food and beverage stores.....	33.3	33.5	33.1	32.9	33.0
General merchandise stores.....	64.9	63.9	62.6	62.7	63.2
Other retail stores.....	175.7	173.3	175.6	177.9	178.4
Other industries.....	112.9	111.9	111.4	113.4	114.1
Addenda:					
Private inventories.....	1,475.5	1,430.1	1,429.4	1,438.1	1,441.9
Durable goods industries.....	705.6	676.9	671.5	672.3	672.2
Nondurable goods industries.....	769.9	753.2	757.9	765.8	769.8
Nonfarm industries.....	1,374.3	1,329.4	1,324.7	1,334.1	1,341.2
Wholesale trade.....	349.3	337.3	334.5	335.1	339.7
Merchant wholesale trade.....	299.5	290.3	287.4	287.5	291.1
Durable goods industries.....	178.0	171.1	167.6	166.6	167.7
Nondurable goods industries.....	121.5	119.3	119.9	120.9	123.4
Nonmerchant wholesale trade.....	49.8	47.0	47.0	47.6	48.6
Final sales of domestic business ²	712.1	718.5	723.8	724.7	732.4
Final sales of goods and structures of domestic business ²	381.6	386.4	387.2	382.7	386.4
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.07	1.99	1.97	1.98	1.97
Nonfarm inventories to final sales.....	1.93	1.85	1.83	1.84	1.83
Nonfarm inventories to final sales of goods and structures.....	3.60	3.44	3.42	3.49	3.47

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in the private inventories component of GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 5.13B. Real Private Inventories and Real Domestic Final Sales by Industry
(Billions of chained (1996) dollars)

	Seasonally adjusted quarterly totals				
	2001		2002		
	III	IV	I	II	III
Private inventories ¹	1,483.3	1,458.7	1,451.5	1,452.7	1,453.2
Farm.....	105.1	106.0	107.6	107.8	107.0
Construction, mining, and utilities.....	38.9	40.0	40.4	40.2	39.5
Manufacturing.....	469.7	459.6	451.7	448.1	446.2
Durable goods industries.....	295.5	286.7	280.3	276.5	274.4
Nondurable goods industries.....	174.1	172.8	171.3	171.5	171.6
Wholesale trade.....	364.3	357.6	352.6	350.4	351.2
Durable goods industries.....	224.8	217.3	213.1	211.2	212.9
Nondurable goods industries.....	138.7	139.2	138.4	138.1	137.2
Retail trade.....	391.5	381.3	384.7	390.2	392.7
Motor vehicle dealers.....	127.6	118.9	122.4	126.3	128.3
Food and beverage stores.....	30.3	30.5	30.0	30.1	30.1
General merchandise stores.....	62.9	62.1	61.1	61.1	61.6
Other retail stores.....	170.6	169.4	171.1	172.8	172.7
Other industries.....	111.8	112.4	112.4	113.7	114.3
Residual.....	3.0	3.4	3.4	3.4	3.6
Addenda:					
Private inventories.....	1,483.3	1,458.7	1,451.5	1,452.7	1,453.2
Durable goods industries.....	726.4	701.6	696.5	695.4	697.0
Nondurable goods industries.....	754.7	754.5	752.3	754.6	753.5
Nonfarm industries.....	1,377.2	1,351.8	1,343.1	1,344.1	1,345.3
Wholesale trade.....	364.3	357.6	352.6	350.4	351.2
Merchant wholesale trade.....	314.3	308.5	304.4	302.3	302.5
Durable goods industries.....	194.2	187.7	184.0	182.1	183.2
Nondurable goods industries.....	119.5	119.9	119.4	119.2	118.4
Nonmerchant wholesale trade.....	50.0	49.2	48.3	48.2	48.6
Final sales of domestic business ²	654.1	661.4	665.3	664.6	670.2
Final sales of goods and structures of domestic business ²	366.8	371.6	373.3	369.2	373.1
Ratios of private inventories to final sales of domestic business:					
Private inventories to final sales.....	2.27	2.21	2.18	2.19	2.17
Nonfarm inventories to final sales.....	2.11	2.04	2.02	2.02	2.01
Nonfarm inventories to final sales of goods and structures.....	3.75	3.64	3.60	3.64	3.61

1. Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross product of households and institutions and of general government, and it includes a small amount of final sales by farm and by government enterprises.

NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS). Chained (1996) dollar inventory series are calculated to ensure that the chained (1996) dollar change in inventories for 1996 equals the current-dollar change in inventories for 1996 and that the average of the 1995 and 1996 end-of-year chain-weighted and fixed-weighted inventories are equal. Chained (1996) dollar final sales are calculated as the product of the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines for inventories.

6. Income and Employment by Industry

Table 6.1C. National Income Without Capital Consumption Adjustment by Industry Group
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
National income without capital consumption adjustment	7,958.7	8,053.5	8,055.7	7,972.8	8,073.8	8,157.7	
Domestic industries	7,935.3	8,031.5	8,044.2	7,937.6	8,071.9	8,177.7	
Private industries	6,928.0	6,969.4	6,974.4	6,857.4	6,970.6	7,066.7	
Agriculture, forestry, and fishing.....	109.7	111.1	113.8	110.6	116.8	101.8	
Mining.....	62.9	69.5	68.4	60.8	58.2	57.5	
Construction.....	422.9	438.9	444.1	435.0	439.3	443.1	
Manufacturing.....	1,250.7	1,132.2	1,133.3	1,075.3	1,092.9	1,123.0	
Durable goods.....	729.2	640.5	634.9	597.0	610.3	628.9	
Nondurable goods.....	521.4	491.8	498.3	478.3	482.6	494.1	
Transportation and public utilities.....	530.5	529.9	535.8	496.1	508.5	516.6	
Transportation.....	243.7	236.6	238.5	226.0	231.0	232.7	
Communications.....	149.4	148.4	150.5	137.1	139.8	138.2	
Electric, gas, and sanitary services.....	137.4	144.9	146.8	132.9	137.6	145.6	
Wholesale trade.....	481.1	458.4	459.8	452.7	457.4	463.9	
Retail trade.....	659.1	686.1	691.8	686.1	695.2	707.5	
Finance, insurance, and real estate.....	1,521.5	1,571.1	1,542.1	1,578.9	1,613.2	1,640.7	
Services.....	1,889.8	1,972.0	1,985.4	1,961.8	1,989.1	2,012.7	
Government	1,007.3	1,062.1	1,069.9	1,080.2	1,101.4	1,111.1	
Rest of the world	23.4	21.9	11.5	35.2	1.9	-20.0	

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

Table 6.16C. Corporate Profits by Industry Group
[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	687.2	811.4	797.6	785.0	
Domestic industries	644.8	580.9	545.3	646.7	665.6	669.9	
Financial.....	183.0	173.5	142.3	197.8	213.2	210.7	
Nonfinancial.....	461.8	407.4	403.0	449.0	452.4	459.3	
Rest of the world	143.3	150.8	141.8	164.7	132.0	115.1	
Receipts from the rest of the world.....	203.8	172.4	167.2	156.1	161.4	173.4	
Less: Payments to the rest of the world.....	60.5	21.6	25.3	-8.5	29.4	58.3	
Corporate profits with inventory valuation adjustment	767.3	675.1	663.2	626.3	641.3	652.2	
Domestic industries	624.0	524.4	521.4	461.6	509.3	537.1	
Financial.....	201.0	190.6	162.7	200.1	218.2	218.5	
Federal Reserve banks.....	30.0	27.9	27.3	25.0	23.4	23.9	
Other.....	171.0	162.8	135.4	175.2	194.8	194.6	
Nonfinancial.....	423.0	333.7	358.7	261.5	291.1	318.6	
Manufacturing.....	159.8	83.4	91.1	50.9	68.9	91.9	
Durable goods.....	61.5	9.9	11.6	-14.9	2.5	17.8	
Primary metal industries.....	1.0	-1.6	-1	-2.2	.5	.3	
Fabricated metal products.....	15.4	9.0	8.5	6.8	5.2	5.8	
Industrial machinery and equipment.....	14.2	-6	-5.2	-7.5	-4.9	-2.9	
Electronic and other electric equipment.....	5.5	-3.2	-4.6	-8.4	-6.2	-9	
Motor vehicles and equipment.....	-2.2	-9.4	-6.4	-13.3	-11.8	-4.4	
Other.....	27.6	15.7	19.4	9.7	19.7	20.0	
Nondurable goods.....	98.3	73.5	79.5	65.8	66.4	74.1	
Food and kindred products.....	25.8	16.6	17.8	18.3	18.9	19.2	
Chemicals and allied products.....	17.2	15.2	18.0	18.5	15.1	16.7	
Petroleum and coal products.....	26.1	25.7	25.0	19.4	14.1	15.4	
Other.....	29.1	16.0	18.8	9.5	18.3	22.8	
Transportation and public utilities.....	36.6	27.7	33.3	6.5	15.0	17.1	
Transportation.....	12.8	1.2	1.8	-5.1	-5	-1.7	
Communications.....	-5.5	-5.8	-3.9	-11.2	-9.3	-12.7	
Electric, gas, and sanitary services.....	29.4	32.2	35.3	22.7	24.8	31.4	
Wholesale trade.....	62.1	44.8	45.9	46.9	41.2	44.8	
Retail trade.....	73.4	79.1	82.6	80.5	81.4	86.0	
Other.....	91.0	98.8	105.7	76.7	84.6	78.9	
Rest of the world	143.3	150.8	141.8	164.7	132.0	115.1	

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

Table 7.10. Chain-Type Quantity and Price Indexes for Exports and Imports of Goods and Services by Type of Product

[Index numbers, 1996=100]

	2000	2001	Seasonally adjusted					2000	2001	Seasonally adjusted					
			2001		2002					2001		2002			
			III	IV	I	II	III			III	IV	I	II	III	
	Chain-type quantity indexes						Chain-type price indexes								
Exports of goods and services	130.09	123.10	119.89	116.89	117.89	121.89	122.54	Exports of goods and services	96.83	96.10	96.00	95.06	94.88	95.58	96.41
Exports of goods ¹	134.98	126.97	122.89	120.40	119.36	123.84	124.99	Exports of goods ¹	94.05	93.42	93.26	92.39	92.14	92.67	93.45
Foods, feeds, and beverages	109.03	112.18	109.12	113.67	114.08	110.45	106.98	Foods, feeds, and beverages	79.06	79.31	80.47	78.70	78.42	79.17	83.34
Industrial supplies and materials	119.61	114.96	112.66	113.29	112.39	117.52	115.58	Industrial supplies and materials	98.76	95.78	94.95	92.18	91.42	93.92	95.80
Durable goods	132.52	121.06	117.09	115.10	114.84	121.59	119.30	Durable goods	94.21	92.53	92.61	91.45	91.50	92.42	93.34
Nondurable goods	112.44	111.41	109.99	112.06	110.81	115.02	113.28	Nondurable goods	101.67	97.85	96.45	92.73	91.49	94.92	97.39
Capital goods, except automotive	155.85	140.47	133.34	126.71	124.79	129.40	132.14	Capital goods, except automotive	90.45	90.44	90.23	90.00	90.02	89.79	89.65
Civilian aircraft, engines, and parts	140.15	145.39	144.43	131.17	133.90	135.55	149.12	Civilian aircraft, engines, and parts	111.44	117.54	118.19	118.93	119.65	120.08	120.95
Computers, peripherals, and parts	195.19	172.40	162.63	154.95	146.04	145.85	145.31	Computers, peripherals, and parts	65.08	63.09	62.60	61.79	61.21	60.61	59.41
Other	151.91	133.48	125.48	120.52	118.71	124.73	125.54	Other	93.31	92.86	92.59	92.36	92.42	92.17	92.14
Automotive vehicles, engines, and parts	120.70	112.92	115.39	111.16	110.26	120.04	123.51	Automotive vehicles, engines, and parts	102.39	102.74	102.83	102.74	103.01	103.07	103.28
Consumer goods, except automotive	126.55	125.52	121.55	119.81	117.51	120.66	123.39	Consumer goods, except automotive	100.82	100.46	100.46	100.66	99.90	99.66	99.89
Durable goods	129.97	128.91	124.84	120.65	119.61	123.76	126.56	Durable goods	100.77	100.88	100.88	101.21	100.81	100.27	100.41
Nondurable goods	122.99	121.99	118.13	118.97	115.32	117.42	120.09	Nondurable goods	100.86	99.99	99.99	100.06	98.91	99.01	99.32
Other	133.84	132.94	127.84	134.17	139.16	143.00	144.06	Other	97.75	97.34	97.25	96.37	96.13	96.86	97.87
Exports of services ¹	118.91	114.18	112.87	108.77	114.24	117.18	116.71	Exports of services ¹	103.94	102.94	102.99	101.89	101.90	103.04	104.00
Transfers under U.S. military agency sales contracts	88.45	79.09	79.67	83.20	79.67	83.08	77.52	Transfers under U.S. military agency sales contracts	98.79	96.95	97.23	95.68	95.32	95.68	95.49
Travel	106.07	93.87	91.80	77.24	90.11	89.85	90.01	Travel	111.20	111.68	111.47	109.41	109.25	110.60	110.44
Passenger fares	96.81	83.16	83.05	67.24	77.45	77.54	72.78	Passenger fares	105.05	106.08	106.70	105.76	105.53	106.36	114.72
Other transportation	107.49	102.07	100.07	98.19	100.51	100.43	97.72	Other transportation	107.54	106.37	106.87	104.33	102.54	106.01	107.62
Royalties and license fees	114.06	109.54	108.03	109.42	113.85	119.51	119.65	Royalties and license fees	106.95	108.72	108.76	108.89	109.18	109.77	110.28
Other private services	153.94	164.44	163.96	168.96	168.24	174.52	175.00	Other private services	93.94	90.79	90.57	90.09	90.68	91.72	92.62
Other	107.18	96.08	94.12	94.80	98.98	104.34	107.94	Other	120.44	120.46	121.42	119.44	118.50	118.21	117.94
Imports of goods and services	159.48	154.91	152.32	150.26	153.37	161.24	162.22	Imports of goods and services	95.49	92.70	89.93	90.97	90.61	93.03	94.13
Imports of goods ¹	162.51	157.18	154.54	153.24	154.63	164.44	166.25	Imports of goods ¹	94.63	91.87	91.36	88.71	88.24	90.55	91.25
Foods, feeds, and beverages	138.38	144.74	149.98	147.33	149.04	152.82	155.83	Foods, feeds, and beverages	93.04	90.23	89.11	89.45	89.21	90.50	91.68
Industrial supplies and materials, except petroleum and products	133.52	128.51	127.11	126.66	128.49	131.91	135.12	Industrial supplies and materials, except petroleum and products	103.39	102.44	98.60	94.09	93.06	96.41	96.82
Durable goods	136.82	128.33	126.14	127.86	130.97	131.98	135.98	Durable goods	102.43	98.78	98.42	94.11	93.84	95.49	95.66
Nondurable goods	130.01	128.38	127.77	125.13	125.63	131.50	133.92	Nondurable goods	104.55	106.41	99.04	94.28	92.47	97.59	98.25
Petroleum and products	118.52	122.65	118.10	119.23	113.11	121.82	118.99	Petroleum and products	139.40	116.10	119.36	93.36	93.17	122.01	130.84
Capital goods, except automotive	198.28	175.36	165.67	162.89	167.52	174.57	174.57	Capital goods, except automotive	76.74	74.51	74.10	73.37	72.67	72.51	72.39
Civilian aircraft, engines, and parts	188.27	215.81	210.36	221.53	197.04	168.58	145.08	Civilian aircraft, engines, and parts	110.56	114.68	115.39	115.78	116.05	116.45	117.67
Computers, peripherals, and parts	248.13	224.98	213.39	220.78	245.29	248.65	248.66	Computers, peripherals, and parts	58.81	53.47	52.43	50.53	50.23	50.17	49.49
Other	181.85	153.73	144.22	137.29	140.29	152.35	155.18	Other	82.51	81.43	81.25	81.11	80.04	79.77	79.90
Automotive vehicles, engines, and parts	149.33	144.79	146.62	142.87	145.23	158.09	157.21	Automotive vehicles, engines, and parts	101.73	101.66	101.44	101.81	101.70	101.81	101.92
Consumer goods, except automotive	170.79	173.70	172.24	170.94	175.71	189.68	195.94	Consumer goods, except automotive	95.95	95.17	95.10	94.72	94.40	94.12	94.20
Durable goods	177.98	176.62	174.00	174.61	182.15	201.09	202.09	Durable goods	93.03	91.93	91.78	91.20	90.77	90.54	90.37
Nondurable goods	163.30	170.62	170.33	167.10	169.03	177.92	189.52	Nondurable goods	99.20	98.80	98.82	98.68	98.48	98.14	98.52
Other	172.78	175.02	177.09	183.36	167.51	184.22	188.88	Other	100.49	100.11	99.31	98.92	98.68	99.00	99.31
Imports of services ¹	144.47	143.71	141.21	134.98	145.69	144.92	142.26	Imports of services ¹	99.97	97.03	81.38	104.08	104.37	107.43	110.95
Direct defense expenditures	140.29	158.92	156.70	182.87	190.22	190.62	183.38	Direct defense expenditures	87.62	86.72	87.57	86.32	82.94	87.74	94.17
Travel	139.48	132.22	126.87	113.80	131.42	126.80	122.03	Travel	96.68	94.63	94.94	94.72	93.18	97.20	102.14
Passenger fares	132.04	111.68	114.56	87.90	101.37	99.25	97.39	Passenger fares	116.38	126.91	131.05	127.89	127.76	130.81	140.34
Other transportation	129.19	122.45	115.83	118.48	120.62	131.09	128.01	Other transportation	117.50	115.69	115.74	110.93	109.22	110.40	112.51
Royalties and license fees	192.19	191.99	193.03	192.65	221.31	208.87	200.32	Royalties and license fees	106.97	108.74	108.87	109.16	109.75	110.26	
Other private services	164.83	183.69	186.88	175.52	181.81	180.22	181.84	Other private services	88.27	78.26	27.26	103.74	107.88	111.03	112.34
Other	113.45	119.89	120.68	122.42	126.33	123.63	122.34	Other	104.60	104.05	104.23	102.95	102.37	104.86	107.01
Addenda:								Addenda:							
Exports of agricultural goods ²	111.07	114.66	112.06	118.23	117.65	114.27	106.58	Exports of agricultural goods ²	77.32	77.86	79.19	76.81	76.19	76.96	81.28
Exports of nonagricultural goods	137.44	128.37	124.16	120.87	119.78	124.98	126.96	Exports of nonagricultural goods	95.66	94.93	94.62	93.90	93.69	94.19	94.63
Imports of nonpetroleum goods	166.60	160.02	157.65	156.08	158.25	168.10	170.54	Imports of nonpetroleum goods	91.63	90.36	89.55	88.64	88.14	88.57	88.70

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

2. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Table 7.11. Chain-Type Quantity and Price Indexes for Government Consumption Expenditures and Gross Investment by Type
[Index numbers, 1996=100]

Table with columns for years (2000, 2001, 2002) and quarterly indices (III, IV, I, II, III) under 'Seasonally adjusted'. It contains two main sections: 'Chain-type quantity indexes' and 'Chain-type price indexes', each with sub-sections for 'Government consumption expenditures and gross investment' and 'Addenda'.

1. Gross government investment consists of general government and government enterprise expenditures for fixed assets; inventory investment is included in government consumption expenditures.
2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.
3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software. The compensation of all

general government employees is shown in the addenda.
4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.
5. Beginning with 2001, in accordance with the Consolidated Appropriations Act of 2001, includes compensation of employees of Indian tribal governments reclassified from the private sector.

Table 7.14. Chain-Type Quantity and Price Indexes for Gross Domestic Product by Sector
[Index numbers, 1996=100]

	2000	2001	Seasonally adjusted				
			2001		2002		
			III	IV	I	II	III
Chain-type quantity indexes							
Gross domestic product	117.64	117.94	117.58	118.37	119.84	120.21	121.14
Business ¹	119.69	119.56	119.03	119.88	121.52	121.86	122.86
Nonfarm ²	119.58	119.51	119.03	119.73	121.43	121.86	122.86
Nonfarm less housing	120.58	120.48	119.93	120.81	122.67	122.95	124.26
Housing	110.61	110.86	111.00	110.18	110.59	112.17	110.70
Farm	130.69	124.00	117.52	134.98	129.90	120.17	121.12
Households and institutions	111.56	114.39	114.86	115.04	115.74	116.59	117.37
Private households	99.77	84.25	81.84	75.03	72.41	73.19	73.97
Nonprofit institutions	111.99	115.49	116.07	116.49	117.31	118.17	118.95
General government ³	105.50	107.69	108.18	108.83	109.42	109.84	110.37
Federal	99.12	99.77	99.87	100.02	100.78	101.39	102.22
State and local	108.50	111.40	112.06	112.95	113.46	113.79	114.17
Chain-type price indexes							
Gross domestic product	106.89	109.42	109.92	109.78	110.14	110.48	110.79
Business ¹	105.93	108.23	108.73	108.47	108.65	108.89	109.12
Nonfarm ²	106.53	108.78	109.22	109.11	109.16	109.59	109.72
Nonfarm less housing	105.94	107.97	108.39	108.11	108.02	108.39	108.45
Housing	112.20	116.62	117.20	118.89	120.25	121.22	122.13
Farm	64.58	70.50	75.07	64.85	73.18	61.18	67.90
Households and institutions	110.86	115.28	116.17	116.37	117.13	118.47	119.96
Private households	113.22	117.43	117.77	118.44	120.48	121.29	122.18
Nonprofit institutions	110.78	115.20	116.11	116.30	117.03	118.38	119.89
General government ³	112.88	116.48	116.80	117.42	119.13	119.77	120.29
Federal	111.74	114.23	114.44	114.47	118.97	119.60	119.79
State and local	113.41	117.47	117.85	118.71	119.25	119.90	120.56

1. Equals gross domestic product less gross product of households and institutions and of general government.

2. Equals gross domestic business product less gross farm product.

3. Equals compensation of general government employees plus general government consumption of fixed capital.

Table 7.15. Price, Costs, and Profit Per Unit of Real Gross Product of Nonfinancial Corporate Business
[Dollars]

Price per unit of real gross product of nonfinancial corporate business ¹	1.043	1.061	1.067	1.058	1.056	1.055
Compensation of employees (unit labor cost)	.698	.708	.710	.697	.695	.693
Unit nonlabor cost	.254	.272	.276	.273	.273	.274
Consumption of fixed capital	.118	.129	.136	.129	.131	.132
Indirect business tax and nontax liability plus business transfer payments less subsidies	.100	.104	.101	.105	.105	.105
Net interest	.036	.039	.039	.039	.037	.037
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	.091	.081	.080	.088	.088	.088
Profits tax liability	.034	.024	.026	.018	.023	.025
Profits after tax with inventory valuation and capital consumption adjustments	.057	.056	.054	.070	.065	.063

1. The implicit price deflator for gross product of nonfinancial corporate business divided by 100.

NOTE: Effective with the release scheduled for November 26, 2002, the estimates beginning with 1999 will be revised to reflect revisions to the industry-based price indexes for gross product of nonfinancial corporate business.

Table 7.16B. Implicit Price Deflators for Private Inventories by Industry
[Index numbers, 1996=100]

	Seasonally adjusted				
	2001		2002		
	III	IV	I	II	III
Private inventories ¹	99.48	98.04	98.48	98.99	99.23
Farm	96.33	95.07	97.32	96.53	94.13
Construction, mining, and utilities	102.19	98.19	97.69	104.47	102.77
Manufacturing	100.17	98.32	98.96	99.45	100.06
Durable goods industries	99.16	98.34	98.41	98.81	98.38
Nondurable goods industries	101.93	98.36	99.93	100.57	102.84
Wholesale trade	95.89	94.34	94.85	95.62	96.74
Durable goods industries	91.83	91.33	91.26	91.66	91.66
Nondurable goods industries	103.00	99.73	101.16	102.50	105.35
Retail trade	102.65	102.00	102.00	101.98	101.96
Motor vehicle dealers	100.28	99.48	98.93	98.59	98.03
Food and beverage stores	110.05	109.59	110.32	109.41	109.45
General merchandise stores	103.07	102.86	102.59	102.62	102.63
Other retail stores	103.00	102.26	102.61	102.96	103.32
Other industries	100.95	99.52	99.07	99.71	99.80
Addenda:					
Private inventories	99.48	98.04	98.48	98.99	99.23
Durable goods industries	97.14	96.49	96.41	96.68	96.44
Nondurable goods industries	102.01	99.82	100.74	101.49	102.15
Nonfarm industries	99.79	98.34	98.63	99.25	99.70
Wholesale trade	95.89	94.34	94.85	95.62	96.74
Merchant wholesale trade	95.30	94.12	94.44	95.10	96.21
Durable goods industries	91.86	91.15	91.07	91.49	91.50
Nondurable goods industries	101.74	99.45	100.39	101.44	104.26
Nonmerchant wholesale trade	99.54	95.65	97.39	98.80	99.98

1. Implicit price deflators are as of the end of the quarter and are consistent with the inventory stocks shown in tables 5.12B and 5.13B.

NOTE: Estimates in this table are based on the North American Industry Classification System (NAICS).

Table 7.17. Chain-Type Quantity Indexes for Gross Domestic Product by Major Type of Product
(Index numbers, 1996=100)

	2000	2001	Seasonally adjusted				
			2001		2002		
			III	IV	I	II	III
Gross domestic product..	117.64	117.94	117.58	118.37	119.84	120.21	121.14
Final sales of domestic product.....	117.19	118.95	118.60	119.81	120.51	120.49	121.44
Change in private inventories.....							
Goods	124.50	121.64	120.64	121.92	124.38	124.50	126.56
Final sales.....	123.36	124.71	123.71	126.21	126.43	125.39	127.53
Change in private inventories.....							
Durable goods.....	138.45	129.90	127.83	128.92	131.84	132.10	138.50
Final sales.....	136.73	136.94	134.86	138.44	135.27	134.22	139.81
Change in private inventories.....							
Nondurable goods.....	113.31	114.62	114.38	115.79	117.90	117.93	116.91
Final sales.....	112.70	114.86	114.63	116.34	118.96	117.94	117.64
Change in private inventories.....							
Services	112.84	115.16	115.27	116.18	117.00	118.01	118.68
Structures	118.92	118.80	118.02	116.33	118.06	115.51	113.90
Addenda:							
Motor vehicle output.....	122.09	114.63	116.20	120.66	123.54	125.97	137.56
Gross domestic product less motor vehicle output	117.48	118.03	117.61	118.28	119.70	120.01	120.60

Table 7.18B. Chain-Type Quantity Indexes for Motor Vehicle Output
(Index numbers, 1996=100)

	2000	2001	Seasonally adjusted				
			2001		2002		
			III	IV	I	II	III
Motor vehicle output...	122.09	114.63	116.20	120.66	123.54	125.97	137.56
Auto output.....	96.89	89.86	92.57	92.77	95.00	93.02	101.00
Truck output ¹	142.99	135.17	135.80	143.75	147.17	153.18	167.74
Final sales of domestic product.....	118.30	119.40	114.80	132.37	117.53	115.98	132.93
Personal consumption expenditures.....	133.44	143.85	139.35	161.11	146.80	146.73	163.79
New motor vehicles.....	138.70	152.65	146.32	178.16	159.22	156.46	178.78
Autos.....	130.72	131.93	124.97	145.74	130.40	129.18	138.21
Light trucks.....	148.20	177.01	171.41	216.21	193.06	188.48	226.41
Net purchases of used autos.....	117.41	117.43	118.28	110.58	109.88	117.67	119.33
Private fixed investment.....	123.40	106.83	103.64	104.88	95.86	100.72	107.07
New motor vehicles.....	120.36	106.87	104.00	103.77	96.41	102.26	108.27
Autos.....	103.42	95.08	93.08	88.51	84.78	90.77	96.41
Trucks.....	136.63	118.27	114.57	118.41	107.62	113.36	119.73
Light trucks.....	147.36	137.74	133.13	140.85	126.81	132.07	136.86
Other.....	116.36	82.30	80.24	77.15	72.21	78.64	87.46
Net purchases of used autos.....	109.17	106.65	104.92	99.52	98.10	107.53	112.31
Gross government investment.....	121.45	126.36	122.42	131.08	125.94	117.17	105.45
Autos.....	95.52	97.37	102.36	102.43	101.19	92.55	85.84
New trucks.....	135.99	142.63	133.64	147.13	139.76	130.97	116.35
Net exports.....	95.72	92.55	97.95	95.81	94.07	102.26	110.87
Exports.....	95.38	101.19	109.80	107.12	104.95	116.09	121.61
Autos.....	96.54	77.15	76.81	75.64	74.65	77.57	91.68
Trucks.....	156.20	153.19	154.30	150.61	150.99	164.52	160.30
Imports.....	161.70	157.44	156.19	152.16	155.00	171.40	167.07
Autos.....	130.03	132.92	145.02	142.97	131.76	131.82	128.14
Trucks.....							
Change in private inventories.....							
Autos.....							
New.....							
Domestic.....							
Foreign.....							
Used.....							
New trucks.....							
Domestic.....							
Foreign.....							
Addenda:							
Final sales of motor vehicles to domestic purchasers ...	129.37	129.80	125.81	139.68	127.60	129.04	141.25
Private fixed investment in new autos and new light trucks.....	121.27	112.41	109.35	109.79	101.87	107.57	112.88
Domestic output of new autos ²	101.22	92.85	94.79	92.11	96.57	101.17	107.06
Sales of imported new autos ³	154.42	152.80	148.62	159.00	151.28	153.87	162.53

1. Except for exports and imports, consists of new trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

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

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Percent change at annual rate:							
Gross domestic product	3.8	.3	-3	2.7	5.0	1.3	3.1
Percentage points at annual rates:							
Personal consumption expenditures	2.94	1.67	.97	4.05	2.22	1.22	2.95
Durable goods.....	.65	.48	.36	2.45	-.55	.16	1.73
Motor vehicles and parts .....	.17	.24	.13	1.88	-1.18	-.03	1.44
Furniture and household equipment .....	.35	.19	.20	.42	.43	.20	.16
Other .....	.13	.06	.03	.15	.20	.00	.13
Nondurable goods.....	.77	.39	.25	.73	1.57	-.02	.27
Food.....	.37	.09	-.14	.13	.65	-.09	-.02
Clothing and shoes .....	.18	.08	.09	.28	.40	-.03	.04
Gasoline, fuel oil, and other energy goods	-.02	.02	.18	.07	.16	-.03	-.01
Other .....	.25	.21	.13	.25	.37	.13	.26
Services	1.51	.80	.35	.87	1.20	1.08	.95
Housing.....	.19	.17	.09	.12	.22	.21	.19
Household operation.....	.21	.05	.01	-.18	.15	.06	.03
Electricity and gas .....	.05	-.03	-.03	-.10	.14	.01	-.01
Other household operation .....	.16	.08	.04	-.08	.01	.06	.05
Transportation.....	.08	-.02	-.11	-.06	.10	-.03	-.04
Medical care.....	.28	.43	.53	.48	.40	.51	.46
Recreation.....	.10	.08	-.05	.13	.04	.07	-.01
Other .....	.65	.09	-.11	.38	.30	.26	.32
Gross private domestic investment	1.08	-1.90	-.81	-2.88	2.53	1.16	-.04
Fixed investment	1.03	-.65	-.72	-1.49	-.07	-.15	.03
Nonresidential.....	.98	-.66	-.73	-1.33	-.66	-.27	.07
Structures.....	.20	-.05	.10	-1.12	-.44	-.53	-.45
Equipment and software .....	.78	-.61	-.83	-.21	-.22	.26	.52
Information processing equipment and software .....	.63	-.26	-.48	-.05	.25	.46	.47
Computers and peripheral equipment .....	.17	-.02	-.18	.22	.21	.10	.29
Software ¹.....	.16	-.02	-.05	.01	-.06	.20	.15
Other .....	.30	-.22	-.26	-.27	.10	.16	.04
Industrial equipment .....	.15	-.07	-.30	-.18	.15	-.11	.11
Transportation equipment	-.07	-.23	-.07	.22	-.56	-.32	-.11
Other .....	.08	-.04	.02	-.20	-.06	.23	.04
Residential.....	.05	.01	.02	-.16	.60	.12	-.03
Change in private inventories .....	.06	-1.24	-.09	-1.39	2.60	1.31	-.07
Farm.....	-.01	.04	.18	.05	.09	-.20	-.13
Nonfarm.....	.06	-1.28	-.27	-1.43	2.51	1.51	.06
Net exports of goods and services	-.75	-.18	-.24	-.28	-.75	-1.40	-.13
Exports	1.04	-.59	-1.94	-.99	.33	1.29	.21
Goods.....	.85	-.47	-1.49	-.56	-.23	.99	.26
Services.....	.19	-.13	-.45	-.42	.56	.30	-.05
Imports	-1.79	.42	1.70	.70	-1.08	-2.69	-.35
Goods.....	-1.54	.40	1.17	.37	-.40	-2.74	-.52
Services.....	-.24	.01	.53	.33	-.68	.05	.17
Government consumption expenditures and gross investment.....	.49	.65	-.21	1.85	1.04	.27	.35
Federal.....	.08	.29	.07	.80	.47	.47	.20
National defense .....	.00	.19	.18	.54	.46	.32	.22
Consumption expenditures	-.01	.16	.10	.53	.34	.32	.10
Gross investment .....	.01	.02	.07	.01	.12	.00	.12
Nondefense .....	.08	.10	-.11	.26	.01	.16	-.02
Consumption expenditures .....	.07	.08	-.03	.11	.03	.10	.05
Gross investment .....	.01	.01	-.08	.15	-.02	.06	-.07
State and local.....	.41	.36	-.28	1.05	.56	-.21	.16
Consumption expenditures .....	.35	.30	.48	.41	.25	.16	.16
Gross investment .....	.06	.07	-.76	.64	.32	-.37	.00
Addenda:							
Goods	1.74	-.85	-.53	1.52	2.89	.14	2.33
Services	1.77	1.11	.94	1.75	1.60	1.91	1.30
Structures.....	.25	-.01	-.70	-.54	.56	-.80	-.50
Motor vehicle output	-.10	-.21	.31	.48	.31	.25	1.18
Final sales of computers ².....	.25	.08	-.04	.19	-.06	.08	.38

1. Excludes software "embedded," or bundled, in computers and other equipment.
 2. For some components of final sales of computers, includes computer parts.
 Note. The quantity indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6, 7.9, 7.11, and 7.17.

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

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Percent change at annual rate:							
Personal consumption expenditures	4.4	2.5	1.5	6.0	3.1	1.8	4.2
Percentage points at annual rates:							
Durable goods.....	.97	.71	.53	3.56	-.80	.23	2.47
Motor vehicles and parts .....	.26	.35	.19	2.72	-1.70	-.05	2.06
Furniture and household equipment .....	.51	.28	.30	.62	.61	.29	.23
Other .....	.20	.08	.05	.21	.29	.00	.18
Nondurable goods	1.15	.58	.38	1.08	2.23	-.03	.40
Food.....	.55	.13	-.20	.20	.92	-.13	-.02
Clothing and shoes .....	.26	.12	.13	.41	.57	-.04	.06
Gasoline, fuel oil, and other energy goods	-.02	.03	.26	.10	.22	-.04	-.02
Gasoline and oil	-.01	.05	.26	.10	.21	-.02	.00
Fuel oil and coal	-.01	-.03	.00	.00	.01	-.02	-.01
Other .....	.36	.30	.19	.37	.52	.19	.38
Services	2.23	1.17	.54	1.33	1.69	1.56	1.38
Housing.....	.29	.25	.14	.19	.30	.30	.27
Household operation .....	.31	.07	.01	-.25	.21	.09	.05
Electricity and gas .....	.08	-.04	-.04	-.14	.20	.01	-.02
Other household operation .....	.23	.12	.05	-.12	.01	.08	.07
Transportation .....	.11	-.03	-.16	-.08	.14	-.04	-.06
Medical care.....	.42	.64	.77	.72	.56	.73	.66
Recreation.....	.14	.11	-.07	.19	.05	.10	-.01
Other .....	.96	.13	-.16	.57	.41	.37	.46
Addenda:							
Energy goods and services ¹.....	.05	-.01	.21	-.04	.42	-.03	-.03
Personal consumption expenditures less food and energy	3.75	2.35	1.44	5.81	1.78	1.94	4.30

1. Consists of gasoline, fuel oil, and other energy goods, and of electricity and gas.
 Note. The quantity indexes on which the estimates in this table are based are shown in table 7.4. The estimates in this table differ from those in table 8.2 because this table shows contributions to real personal consumption expenditures, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.4. Contributions to Percent Change in Real Private Fixed Investment by Type

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Percent change at annual rate:							
Private fixed investment.....	6.1	-3.8	-4.3	-8.9	-5	-1.0	.2
Percentage points at annual rates:							
Nonresidential.....	5.77	-3.88	-4.42	-8.03	-4.29	-1.74	.41
Structures.....	1.19	-.31	.59	-6.87	-2.83	-3.44	-2.96
Nonresidential buildings, including farm.....	.49	-.95	-2.65	-3.14	-1.98	-2.75	-2.81
Utilities.....	.31	-.01	-.49	-.08	.42	-.69	-.02
Mining exploration, shafts, and wells.....	.37	.48	.42	-.33	-1.28	.02	.05
Other structures.....	.03	.16	3.32	-3.33	.01	-.01	-.18
Equipment and software.....	4.58	-3.57	-5.02	-1.16	-1.46	1.70	3.37
Information processing equipment and software.....	3.70	-1.54	-2.92	-.24	1.57	2.99	3.11
Computers and peripheral equipment ¹	1.01	-.13	-1.08	1.36	1.32	.65	1.88
Software ².....	.92	-.13	-.28	.03	-.41	1.31	.99
Other.....	1.77	-1.27	-1.55	-1.63	.66	1.02	.23
Industrial equipment.....	.86	-.43	-1.81	-1.11	.95	-.70	.75
Transportation equipment.....	-.42	-1.37	-.39	1.39	-3.56	-2.06	-.71
Other.....	.45	-.23	.10	-1.20	-.42	1.48	.23
Residential.....	.29	.07	.11	-.88	3.79	.78	-.22
Structures.....	.26	.07	.11	-.92	3.77	.76	-.21
Single family.....	.15	.11	.30	-.77	1.80	.38	-.09
Multifamily.....	-.03	.11	.01	.24	.62	-.06	.01
Other structures.....	.14	-.15	-.19	-.39	1.35	.43	-.14
Equipment.....	.03	.00	.00	.04	.02	.02	-.01

1. Includes new computers and peripheral equipment only.

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

NOTE: The quantity indexes on which the estimates in this table are based are shown in table 7.6. The estimates in this table differ from those in table 8.2 because this table shows contributions to real private fixed investment, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.5. Contributions to Percent Change in Real Exports and in Real Imports of Goods and Services by Type of Product

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Percent change at annual rate:							
Exports of goods and services... ¹	9.7	-5.4	-17.3	-9.6	3.5	14.3	2.1
Percentage points at annual rates:							
Exports of goods¹.....	7.94	-4.23	-13.36	-5.45	-2.43	10.92	2.62
Foods, feeds, and beverages.....	.27	.13	-.55	.82	.08	-.61	-.62
Industrial supplies and materials.....	1.48	-.58	-1.23	.39	-.47	2.84	-1.01
Capital goods, except automotive.....	4.79	-3.21	-8.87	-5.94	-1.79	4.48	2.45
Automotive vehicles, engines, and parts.....	.45	-.47	.02	-1.10	-.25	2.73	.91
Consumer goods, except automotive.....	.81	-.07	-2.06	-.46	-.67	.96	.75
Other.....	.15	-.03	-.67	.83	.67	.54	.14
Exports of services¹.....	1.79	-1.14	-3.89	-4.18	5.89	3.36	-.49
Percent change at annual rate:							
Imports of goods and services... ¹	13.2	-2.9	-11.8	-5.3	8.5	22.2	2.5
Percentage points at annual rates:							
Imports of goods¹.....	11.39	-2.78	-7.97	-2.76	3.24	22.25	3.69
Foods, feeds, and beverages.....	.24	.14	.73	-.25	.18	.41	.27
Industrial supplies and materials, except petroleum and products.....	.83	-.45	-.11	-.15	.68	1.38	1.07
Petroleum and products.....	.42	.27	-2.40	.27	-1.25	2.13	-.72
Capital goods, except automotive.....	4.65	-2.73	-5.25	-1.40	2.40	3.77	.00
Automotive vehicles, engines, and parts.....	1.23	-.41	.22	-1.47	.98	5.21	-.31
Consumer goods, except automotive.....	3.33	.33	-1.29	-.62	2.42	7.03	2.80
Other.....	.70	.07	-.09	.86	-2.16	2.32	.58
Imports of services¹.....	1.81	-.08	-3.79	-2.54	5.31	-1.10	-1.23

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

NOTE: The quantity indexes on which the estimates in this table are based are shown in table 7.10. The estimates in this table differ from those in table 8.2 because this table shows contributions to real exports and to real imports, whereas table 8.2 shows contributions to real gross domestic product. Because imports are subtracted in the calculation of gross domestic product, the contributions of components of real imports have opposite signs in this table and in table 8.2.

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

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Percent change at annual rate:							
Government consumption expenditures and gross investment ¹	2.7	3.7	-1.1	10.5	5.6	1.4	1.8
Percentage points at annual rates:							
Federal.....	.43	1.61	.39	4.49	2.53	2.52	1.03
National defense.....	-.01	1.06	.97	3.01	2.46	1.68	1.13
Consumption expenditures.....	-.08	.92	.57	2.94	1.81	1.69	.50
Durable goods ².....	.00	.09	.43	-.45	.13	.03	.34
Nondurable goods.....	.03	.03	-.01	.34	.04	.03	-.01
Services.....	-.11	.80	.14	3.04	1.65	1.63	.18
Compensation of general government employees, except own-account investment ³	-.03	.05	-.04	.09	.30	.36	.20
Consumption of general government fixed capital ⁴.....	.00	-.01	.00	.00	.01	.02	.03
Other services.....	-.08	.76	.18	2.94	1.34	1.25	-.05
Gross investment.....	.07	.14	.40	.08	.65	-.01	.63
Structures.....	-.01	-.01	-.10	.13	-.12	.05	.04
Equipment and software.....	.08	.14	.50	-.06	.77	-.07	.59
Nondefense.....	.44	.55	-.57	1.48	.07	.84	-.11
Consumption expenditures.....	.40	.47	-.16	.63	.16	.52	.28
Durable goods ².....	.01	.01	.00	.02	.01	.00	.02
Nondurable goods.....	-.01	.13	-.48	.10	.07	.22	-.12
Services.....	.40	.34	.32	.51	.08	.29	.37
Compensation of general government employees, except own-account investment ³.....	.17	-.03	.09	-.05	.11	-.04	.23
Consumption of general government fixed capital ⁴.....	.14	.11	.10	.12	.11	.11	.11
Other services.....	.10	.26	.13	.44	-.14	.22	.03
Gross investment.....	.04	.08	-.41	.85	-.10	.32	-.38
Structures.....	-.08	-.04	.03	.38	.34	-.25	-.14
Equipment and software.....	.12	.11	-.44	.46	-.43	.57	-.24
State and local.....	2.29	2.05	-1.51	5.98	3.03	-1.10	.81
Consumption expenditures.....	1.97	1.66	2.63	2.43	1.33	.84	.82
Durable goods ².....	.07	.06	.06	.07	.06	.04	.04
Nondurable goods.....	.42	.36	.27	.34	.24	.17	.17
Services.....	1.48	1.24	2.30	2.02	1.03	.63	.60
Compensation of general government employees, except own-account investment ³.....	.75	.79	1.85	1.28	.50	.36	.40
Consumption of general government fixed capital ⁴.....	.28	.24	.24	.26	.27	.20	.17
Other services.....	.45	.21	.22	.48	.26	.08	.03
Gross investment.....	.32	.39	-4.14	3.56	1.70	-1.94	.00
Structures.....	.10	.23	-4.34	3.61	1.95	-1.87	.00
Equipment and software.....	.23	.16	.20	-.06	-.25	-.07	.00

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

2. Consumption expenditures for durable goods excludes expenditures classified as investment, except for goods transferred to foreign countries by the Federal Government.

3. Compensation of government employees engaged in new own-account investment and related expenditures for goods and services are classified as investment in structures and in software.

4. Consumption of fixed capital, or depreciation, is included in government consumption expenditures as a partial measure of the value of the services of general government fixed assets; use of depreciation assumes a zero net return on these assets.

NOTE: The quantity indexes on which the estimates in this table are based are shown in table 7.11. The estimates in this table differ from those in table 8.2 because this table shows contributions to real government consumption expenditures and gross investment, whereas table 8.2 shows contributions to real gross domestic product.

Table 8.7. Selected Per Capita Product and Income Series in Current and Chained Dollars

[Dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Current dollars:							
Gross domestic product	34,823	35,398	35,412	35,512	35,996	36,147	36,439
Gross national product	34,906	35,475	35,452	35,636	36,002	36,077	36,248
Personal income	29,797	30,494	30,531	30,434	30,727	31,050	31,248
Disposable personal income	25,237	25,957	26,387	25,853	26,759	27,124	27,364
Personal consumption expenditures	23,690	24,531	24,491	24,834	25,040	25,271	25,591
Durable goods	2,849	2,935	2,890	3,087	2,998	2,985	3,119
Nondurable goods	6,993	7,167	7,169	7,151	7,278	7,344	7,361
Services	13,848	14,430	14,432	14,596	14,765	14,942	15,111
Chained (1996) dollars:							
Gross domestic product	32,579	32,352	32,216	32,350	32,681	32,718	32,892
Gross national product	32,667	32,432	32,263	32,471	32,696	32,663	32,848
Disposable personal income	23,501	23,692	24,071	23,537	24,296	24,461	24,564
Personal consumption expenditures	22,061	22,390	22,342	22,609	22,735	22,790	22,973
Durable goods	3,115	3,272	3,236	3,470	3,406	3,416	3,586
Nondurable goods	6,500	6,565	6,552	6,593	6,706	6,691	6,697
Services	12,493	12,622	12,616	12,650	12,712	12,771	12,812
Population (mid-period, thousands)	282,128	284,822	285,154	285,898	286,507	287,072	287,770

NOTE. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of the Census.

Table 8.8B. Motor Vehicle Output

[Billions of dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Motor vehicle output	335.4	312.0	315.6	327.7	331.8	334.7	363.5
Auto output	118.8	109.6	112.5	112.7	114.1	110.3	119.6
Truck output ¹	216.5	202.4	203.2	215.0	217.7	224.4	243.9
Final sales of domestic product	329.2	329.3	316.1	364.4	320.4	312.6	356.6
Personal consumption expenditures							
New motor vehicles	267.5	288.4	278.3	322.6	290.6	287.5	321.4
Autos	208.1	227.8	217.4	266.2	235.1	228.8	261.4
Light trucks	105.5	105.9	100.0	117.2	104.1	102.2	109.2
Net purchases of used autos	102.6	121.8	117.3	149.0	131.0	126.6	152.2
Private fixed investment	59.4	60.6	60.9	56.4	55.5	58.7	60.0
New motor vehicles	150.0	127.7	124.3	125.7	114.9	119.9	125.6
Autos	186.6	164.2	159.9	159.3	147.5	155.1	162.6
Trucks	77.1	70.6	68.9	65.8	62.5	66.4	70.4
Light trucks	109.5	93.6	91.1	93.5	85.0	88.7	92.2
Other	76.5	70.2	68.4	71.2	64.0	65.7	66.3
Net purchases of used autos	33.0	23.4	22.7	22.3	21.0	23.0	25.9
Gross government investment	-36.6	-36.5	-35.7	-33.5	-32.6	-35.2	-37.0
Autos	13.4	13.7	13.3	14.2	13.7	12.7	11.3
New trucks	3.8	3.8	4.0	4.1	3.7	3.5	3.5
Net exports	9.6	9.9	9.3	10.2	9.7	9.0	7.9
Exports	-101.7	-100.5	-99.8	-98.1	-98.9	-107.5	-101.8
Autos	26.1	25.4	26.9	26.4	25.9	28.3	30.8
Trucks	16.7	17.8	19.3	18.9	18.6	20.6	21.6
Imports	9.4	7.6	7.5	7.4	7.4	7.7	9.2
Autos	127.8	125.9	126.6	124.4	124.8	135.8	132.5
Trucks	109.2	106.7	105.6	103.7	105.7	116.6	113.9
Change in private inventories	18.6	19.2	21.0	20.7	19.1	19.2	18.7
Autos	6.1	-17.3	-4	-36.7	11.4	22.1	6.9
New	2.1	-6.1	.7	-12.4	7.6	10.5	5.7
Domestic	1.2	-6.7	.2	-12.9	7.1	10.4	5.1
Foreign	.7	-7.4	-.7	-13.5	6.9	9.1	8.5
Used	.6	.7	.8	.6	.2	1.3	-3.4
New trucks	.9	.6	.5	.5	.5	.1	.7
Domestic	4.1	-11.3	-1.1	-24.4	3.8	11.6	1.2
Foreign	3.2	-10.7	-.9	-23.7	2.4	11.6	2.2
Addenda:	.9	-.5	-.2	-.7	1.4	.1	-1.0
Final sales of motor vehicles to domestic purchasers	430.9	429.8	415.8	462.5	419.3	420.1	458.4
Private fixed investment in new autos and new light trucks	153.6	140.8	137.3	136.9	126.5	132.1	136.7
Domestic output of new autos ²	117.4	107.3	109.1	106.0	111.2	115.8	122.3
Sales of imported new autos ³	84.2	82.9	80.5	87.0	81.6	82.3	86.8

1. Except for exports and imports, consists of new trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

Table 8.9B. Real Motor Vehicle Output

[Billions of chained (1996) dollars]

	2000	2001	Seasonally adjusted at annual rates				
			2001		2002		
			III	IV	I	II	III
Motor vehicle output	336.5	315.9	320.2	332.6	340.5	347.2	379.1
Auto output	122.2	113.4	116.8	117.0	119.8	117.3	127.4
Truck output ¹	213.7	202.0	203.0	214.9	220.0	229.0	250.7
Final sales of domestic product	330.8	333.9	321.0	370.2	328.7	324.3	371.7
Personal consumption expenditures							
New motor vehicles	269.0	290.0	280.9	324.8	295.9	295.8	330.2
Autos	208.3	229.2	219.7	267.5	239.1	234.9	268.4
Light trucks	107.0	108.0	102.3	119.3	106.8	105.8	113.2
Net purchases of used autos	101.2	120.9	117.0	147.6	131.8	128.7	154.6
Private fixed investment	60.4	60.4	60.8	56.9	56.5	60.5	61.4
New motor vehicles	149.1	129.1	125.2	126.7	115.8	121.7	129.3
Autos	186.8	165.8	161.4	161.0	149.6	158.7	168.0
Trucks	78.3	71.9	70.4	67.0	64.1	68.7	72.9
Light trucks	108.6	94.0	91.1	94.1	85.6	90.1	95.2
Other	77.1	72.0	69.6	73.7	66.3	69.1	71.6
Net purchases of used autos	31.7	22.4	21.8	21.0	19.7	21.4	23.8
Gross government investment	-37.5	-36.7	-36.1	-34.2	-33.7	-37.0	-38.6
Autos	13.2	13.7	13.3	14.2	13.6	12.7	11.4
New trucks	3.7	3.7	3.9	3.9	3.9	3.5	3.3
Net exports	9.5	10.0	9.4	10.3	9.8	9.2	8.1
Exports	-99.4	-97.8	-97.3	-94.9	-95.7	-104.3	-98.7
Autos	24.9	24.0	25.4	24.9	24.4	26.6	28.8
Trucks	16.2	17.2	18.6	18.2	17.8	19.7	20.6
Imports	8.7	7.0	6.9	6.8	6.7	7.0	8.3
Autos	124.2	121.8	122.7	119.8	120.1	130.9	127.5
Trucks	106.5	103.7	102.9	100.2	102.1	112.9	110.0
Change in private inventories	17.8	18.2	19.8	19.6	18.0	18.0	17.5
Autos	5.7	-15.9	-.4	-33.5	10.2	20.1	6.2
New	2.1	-6.2	.7	-12.7	7.8	10.8	5.9
Domestic	1.2	-6.8	.2	-13.2	7.2	10.7	5.2
Foreign	.7	-7.6	-.7	-14.0	7.1	9.5	8.9
Used	.5	.7	.8	.6	.2	1.2	-3.3
New trucks	.9	.6	.5	.5	.5	.1	.7
Domestic	3.3	-8.8	-.9	-18.8	2.8	8.7	.9
Foreign	2.6	-8.3	-.7	-18.0	1.7	8.6	1.6
Residual	.8	-.5	-.2	-.7	1.3	.1	-.9
Addenda:	-1.0	-3.9	-1.4	-6.5	.1	2.0	.4
Final sales of motor vehicles to domestic purchasers	431.1	432.5	419.2	465.4	425.2	430.0	470.7
Private fixed investment in new autos and new light trucks	155.2	143.8	139.9	140.5	130.4	137.6	144.4
Domestic output of new autos ²	118.1	108.4	110.6	107.5	112.7	118.1	124.9
Sales of imported new autos ³	85.4	84.6	82.2	88.0	83.7	85.1	89.9

1. Except for exports and imports, consists of new trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of personal consumption expenditures, private fixed investment, and gross government investment.

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

Chain-type quantity indexes for the series in this table are shown in table 7.18B.

Table 8.30. Contributions to Percent Change in the Gross Domestic Purchases Price Index

	2000	2001	Seasonally adjusted at annual rates					
			2001		2002			
			III	IV	I	II	III	
Percent change at annual rate:								
Gross domestic purchases	2.5	1.9	-2	.4	1.2	2.3	1.4	
Percentage points at annual rates:								
Personal consumption expenditures	1.67	1.34	-.03	.55	.74	1.83	1.25	
Durable goods	-.14	-.16	-.21	-.12	-.35	-.23	-.16	
Motor vehicles and parts .....	.01	.01	-.05	.04	-.13	-.10	.03	
Furniture and household equipment	-.14	-.17	-.16	-.15	-.20	-.12	-.16	
Other	-.01	.01	-.01	-.01	-.02	-.01	-.02	
Nondurable goods .....	.72	.29	-.27	-.69	.05	.89	.12	
Food .....	.22	.28	.33	.22	.23	.05	.09	
Clothing and shoes	-.04	-.06	-.15	-.07	-.06	-.04	-.11	
Gasoline, fuel oil, and other energy goods .....	.42	-.06	-.65	-.93	-.17	.72	.09	
Other .....	.12	.12	.20	.08	.05	.16	.06	
Services	1.08	1.21	.44	1.37	1.05	1.18	1.28	
Housing .....	.30	.37	.41	.44	.42	.33	.28	
Household operation .....	.07	.15	-.08	-.13	-.05	.00	.13	
Electricity and gas .....	.08	.15	-.13	-.24	-.10	.03	.01	
Other household operation	-.01	.00	.04	.11	.05	-.03	.12	
Transportation .....	.01	.05	-.02	.02	.07	.11	.04	
Medical care .....	.29	.37	.06	.46	.23	.27	.36	
Recreation .....	.09	.08	.06	.07	.06	.11	.08	
Other .....	.32	.19	.01	.52	.33	.35	.40	
Gross private domestic investment .....	.18	.19	-.08	-.04	-.22	-.06	-.10	
Fixed investment .....	.19	.19	-.03	-.02	-.22	-.03	-.07	
Nonresidential .....	.01	.02	-.13	-.18	-.22	-.15	-.09	
Structures .....	.12	.15	-.01	-.05	-.10	.02	.02	
Equipment and software	-.11	-.14	-.12	-.13	-.12	-.17	-.11	
Information processing equipment and software	-.14	-.16	-.20	-.16	-.11	-.13	-.09	
Computers and peripheral equipment	-.13	-.17	-.14	-.14	-.10	-.06	-.10	
Software .....	.02	.03	-.03	.00	.00	-.05	.03	
Other	-.03	-.03	-.02	-.02	-.01	-.02	-.02	
Industrial equipment .....	.01	.01	.00	.00	-.01	-.01	.02	
Transportation equipment .....	.02	-.01	.06	.01	.00	-.03	-.06	
Other equipment .....	.01	.02	.01	.02	.01	-.01	.01	
Residential .....	.18	.17	.10	.16	.00	.11	.02	
Change in private inventories	-.01	.00	-.05	-.02	.00	-.03	-.03	
Farm .....	.00	.00	.00	.00	.00	.00	.00	
Nonfarm	-.01	.00	-.05	-.02	.00	-.03	-.03	
Government consumption expenditures and gross investment .....	.66	.41	-.06	-.06	.64	.51	.25	
Federal .....	.18	.10	.03	-.03	.50	.15	.07	
National defense .....	.11	.06	.02	-.04	.28	.08	.05	
Consumption expenditures .....	.11	.07	.03	-.02	.29	.08	.05	
Gross investment .....	.00	.00	.00	-.02	-.01	.00	.00	
Nondefense .....	.06	.04	.01	.01	.22	.06	.02	
Consumption expenditures .....	.06	.04	.01	.01	.23	.07	.02	
Gross investment .....	.01	.00	.00	.00	.00	.00	.00	
State and local .....	.49	.31	-.09	-.04	.13	.36	.18	
Consumption expenditures .....	.41	.26	-.10	-.08	.13	.33	.16	
Gross investment .....	.07	.05	.01	.05	.00	.03	.01	
Addenda:								
Final sales of computers ¹	-.21	-.27	-.24	-.23	-.19	-.11	-.16	
Gross domestic purchases less final sales of computers	2.72	2.21	.07	.68	1.35	2.39	1.55	
Food .....	.22	.28	.33	.22	.23	.04	.07	
Energy goods and services .....	.63	.09	-1.00	-1.52	-.32	.93	.13	
Gross domestic purchases less food and energy	1.65	1.57	.50	1.74	1.25	1.31	1.20	

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

2. For some components of final sales of computers, includes computer parts.

NOTE: The price indexes on which the estimates in this table are based are shown in tables 7.1, 7.2, 7.4, 7.6, and 7.11.

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 1, 2002, and they include “preliminary” estimates for September 2002 and “revised” estimates for July and August 2002.

Table B.1. Personal Income

(Billions of dollars; monthly estimates seasonally adjusted at annual rates)¹

	2000	2001	2001					2002								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July ²	Aug. ³	Sept. ⁴
Personal income	8,406.6	8,685.3	8,701.0	8,707.5	8,685.2	8,686.7	8,730.9	8,766.8	8,807.2	8,836.3	8,869.2	8,906.0	8,966.0	8,962.5	8,988.8	9,025.8
Wage and salary disbursements	4,836.3	4,950.6	4,952.3	4,946.1	4,923.5	4,922.3	4,948.6	4,941.0	4,956.9	4,975.4	4,972.7	4,990.1	5,028.0	5,013.1	5,040.2	5,069.9
Private industries	4,067.4	4,139.8	4,136.1	4,124.6	4,100.2	4,097.6	4,120.8	4,104.7	4,116.0	4,131.4	4,126.9	4,141.8	4,177.1	4,159.6	4,183.2	4,211.0
Goods-producing industries	1,163.7	1,142.4	1,139.9	1,136.2	1,125.0	1,121.7	1,123.0	1,115.2	1,116.1	1,119.4	1,116.4	1,117.1	1,123.1	1,117.0	1,122.1	1,123.6
Manufacturing	829.4	789.4	782.9	779.1	772.9	768.6	768.2	759.1	759.0	760.2	759.1	760.6	764.7	759.3	761.1	761.4
Distributive industries	1,094.8	1,109.2	1,112.0	1,103.1	1,097.3	1,096.1	1,102.4	1,103.6	1,109.6	1,117.1	1,113.2	1,118.1	1,126.6	1,119.2	1,122.4	1,130.4
Service industries	1,808.9	1,888.2	1,884.2	1,885.4	1,877.8	1,879.8	1,895.4	1,885.9	1,890.3	1,894.8	1,897.4	1,906.6	1,927.4	1,923.4	1,938.8	1,957.0
Government	768.9	810.8	816.2	821.5	823.3	824.6	827.8	836.3	840.9	844.1	845.8	848.3	851.0	853.5	857.0	858.9
Other labor income	544.2	570.4	572.3	573.8	574.7	576.2	577.9	586.1	590.7	595.5	599.8	603.9	608.5	612.7	617.2	621.6
Proprietors' income with IVA and CCAdj	714.8	727.9	732.1	735.9	727.8	729.4	736.8	743.3	750.0	751.9	751.4	746.0	745.1	754.6	756.7	763.8
Farm	22.6	19.0	19.3	19.4	19.1	19.2	19.4	20.8	21.8	22.5	14.0	5.1	3.3	7.5	10.4	13.2
Nonfarm	692.2	708.8	712.8	716.4	708.7	710.2	717.4	722.4	728.2	729.4	737.4	740.9	741.7	747.1	746.3	750.6
Rental income of persons with CCAdj	146.6	137.9	141.1	143.5	141.0	139.6	137.3	139.4	141.3	143.2	148.3	153.5	158.7	153.0	144.4	135.9
Personal dividend income	375.7	409.2	411.0	413.1	415.1	417.2	419.6	421.8	423.8	425.5	428.0	430.3	432.7	435.0	437.3	439.4
Personal interest income	1,077.0	1,091.3	1,086.5	1,082.3	1,074.7	1,072.2	1,071.9	1,070.9	1,069.9	1,069.0	1,075.7	1,082.3	1,088.9	1,085.8	1,082.8	1,079.8
Transfer payments to persons	1,070.3	1,170.4	1,178.7	1,185.7	1,200.3	1,201.9	1,212.9	1,243.5	1,255.0	1,257.6	1,275.0	1,282.9	1,289.9	1,293.2	1,296.9	1,304.4
Old-age, survivors, disability, and health insurance benefits	617.2	664.3	668.2	669.3	670.3	673.5	678.2	688.7	693.2	688.6	695.1	696.3	697.4	699.2	701.9	704.6
Government unemployment insurance benefits	20.5	31.9	31.2	34.9	41.8	39.0	42.3	48.1	52.6	56.2	63.5	67.7	70.8	68.2	66.9	67.7
Other	432.5	474.2	479.3	481.6	488.2	489.4	492.4	506.7	509.1	512.8	516.4	518.9	521.7	525.8	528.0	532.1
Less: Personal contributions for social insurance	358.4	372.3	373.0	372.9	371.9	372.1	374.0	379.2	380.4	381.8	381.8	383.1	385.7	384.9	386.8	388.9

² Preliminary.
³ Revised.
CCAdj Capital consumption adjustment.

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

Table B.2. The Disposition of Personal Income

(Monthly estimates seasonally adjusted at annual rates)

	2000	2001	2001					2002								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July ²	Aug. ³	Sept. ⁴
Billions of dollars, unless otherwise indicated																
Personal income	8,406.6	8,685.3	8,701.0	8,707.5	8,685.2	8,686.7	8,730.9	8,766.8	8,807.2	8,836.3	8,869.2	8,906.0	8,966.0	8,962.5	8,988.8	9,025.8
Less: Personal tax and nontax payments	1,286.4	1,292.1	1,106.7	1,190.9	1,312.7	1,304.5	1,312.0	1,140.1	1,136.1	1,134.0	1,127.4	1,125.4	1,128.7	1,118.2	1,117.7	1,117.9
Equals: Disposable personal income	7,120.2	7,393.2	7,594.3	7,516.6	7,372.4	7,382.2	7,418.9	7,626.7	7,671.1	7,702.2	7,741.7	7,780.6	7,837.4	7,844.2	7,871.1	7,907.9
Less: Personal outlays	6,918.6	7,223.5	7,256.2	7,172.6	7,346.9	7,316.9	7,325.1	7,355.7	7,408.9	7,424.3	7,464.1	7,467.9	7,501.8	7,576.7	7,604.3	7,572.0
Personal consumption expenditures	6,683.7	6,987.0	7,017.8	6,935.8	7,114.5	7,087.4	7,097.9	7,130.6	7,186.8	7,205.3	7,242.7	7,244.6	7,276.7	7,354.1	7,384.3	7,354.7
Durable goods	803.9	835.9	832.6	809.2	913.2	878.4	856.2	853.6	863.5	868.2	845.2	857.4	865.2	901.5	918.9	872.0
Nondurable goods	1,972.9	2,041.3	2,043.2	2,043.9	2,046.4	2,036.1	2,050.7	2,074.1	2,089.1	2,092.1	2,110.9	2,101.9	2,111.7	2,117.7	2,119.8	2,117.7
Services	3,906.9	4,109.9	4,142.0	4,082.8	4,154.9	4,172.8	4,191.0	4,202.8	4,234.2	4,253.4	4,297.4	4,307.6	4,334.9	4,345.6	4,365.0	
Interest paid by persons	205.4	205.4	206.7	204.9	201.8	198.9	196.7	193.7	190.6	187.6	189.4	191.3	193.2	190.5	187.8	185.2
Personal transfer payments to the rest of the world (net)	29.5	31.1	31.8	31.8	30.6	30.6	30.6	31.5	31.5	31.5	31.9	31.9	31.9	32.2	32.2	
Equals: Personal saving	201.5	169.7	338.0	344.0	25.5	65.3	93.8	271.0	262.2	277.9	277.7	312.7	335.6	267.5	266.8	335.8
Addenda:																
Disposable personal income:																
Billions of chained (1996) dollars ¹	6,630.3	6,748.0	6,917.5	6,878.2	6,706.9	6,718.7	6,761.9	6,938.8	6,965.7	6,978.3	6,983.3	7,020.1	7,062.8	7,057.8	7,064.9	7,083.2
Per capita:																
Current dollars	25,237	25,957	26,633	26,336	25,808	25,821	25,929	26,636	26,774	26,867	26,987	27,104	27,281	27,283	27,352	27,456
Chained (1996 dollars)	23,501	23,692	24,259	24,100	23,478	23,500	23,633	24,234	24,312	24,342	24,344	24,455	24,585	24,547	24,551	24,592
Population (thousands) ²	282,128	284,822	285,151	285,409	285,666	285,906	286,124	286,328	286,512	286,681	286,865	287,067	287,284	287,519	287,768	288,024
Personal consumption expenditures:																
Billions of chained (1996) dollars	6,223.9	6,377.2	6,392.3	6,346.9	6,472.3	6,450.3	6,469.3	6,487.4	6,526.0	6,528.1	6,533.2	6,536.6	6,557.5	6,616.8	6,628.0	6,587.7
Durable goods	878.9	931.9	932.6	909.4	1,026.5	987.1	962.4	963.6	982.9	981.2	992.5	966.3	983.2	1,036.3	1,057.2	1,002.7
Nondurable goods	1,833.8	1,869.8	1,875.3	1,857.4	1,873.5	1,877.2	1,904.4	1,920.5	1,926.1	1,917.5	1,915.9	1,919.7	1,926.9	1,930.9	1,928.4	1,922.1
Services	3,524.5	3,594.9	3,603.4	3,595.1	3,608.7	3,614.7	3,626.3	3,627.3	3,644.0	3,655.2	3,653.2	3,672.4	3,672.9	3,685.9	3,683.4	3,691.4
Implicit price deflator, 1996=100	107.39	109.56	109.78	109.28	109.92	109.88	109.72	109.92	110.13	110.38	110.86	110.83	110.97	111.14	111.41	111.64
Personal saving as percentage of disposable personal income	2.8	2.3	4.5	4.6	0.3	0.9	1.3	3.6	3.4	3.6	3.6	4.0	4.3	3.4	3.4	4.2
Percent change from preceding period, monthly changes at monthly rates																
Personal income, current dollars	8.0	3.3	-0.1	0.1	-0.3	0.0	0.5	0.4	0.5	0.3	0.4	0.4	0.7	0.0	0.3	0.4
Disposable personal income:																
Current dollars	7.4	3.8	1.8	-1.0	-1.9	0.1	0.5	2.8	0.6	0.4	0.5	0.5	0.7	0.1	0.3	0.5
Chained (1996) dollars	4.8	1.8	1.8	-0.6	-2.5	0.2	0.6	2.6	0.4	0.2	0.1	0.5	0.6	-0.1	0.1	0.3
Personal consumption expenditures:																
Current dollars	7.0	4.5	0.3	-1.2	2.6	-0.4	0.1	0.5	0.8	0.3	0.5	0.0	0.4	1.1	0.4	-0.4
Chained (1996) dollars	4.4	2.5	0.3	-0.7	2.0	-0.3	0.3	0.3	0.6	0.0	0.1	0.1	0.3	0.9	0.2	-0.6

¹ Preliminary.
² Revised.
³ Equals disposable personal income deflated by the implicit price deflator for personal consumption expenditures.
⁴ Population is the total population of the United States, including the Armed Forces overseas and the institutionalized population. The monthly estimate is the average of estimates for the first of the month and the first of the following month.

the annual estimate is the average of the monthly estimates. Effective with this release, the estimates of population beginning with 1990 are revised to reflect the intercensal population estimates released in September 2002 by the Bureau of Census.
Source: U.S. Bureau of Economic Analysis.

Annual Estimates

Except as noted for table B.3 below, these tables are derived from the NIPA tables that were published in the August and September 2002 issues of the SURVEY OF CURRENT BUSINESS, and the estimates reflect the most recent comprehensive and annual NIPA revisions.

Table B.3. Gross Domestic Product by Industry, Current-Dollar and Real Estimates for 1998–2000

	Billions of dollars			Billions of chained (1996) dollars				Billions of dollars			Billions of chained (1996) dollars		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
Gross domestic product	8,781.5	9,268.6	9,872.9	8,508.9	8,856.5	9,224.0	Transportation services.....	28.0	29.9	32.3	27.8	29.8	30.6
Private industries	7,678.2	8,116.9	8,656.5	7,490.6	7,852.7	8,177.6	Communications.....	238.5	258.5	281.1	231.2	256.5	283.9
Agriculture, forestry, and fishing	128.0	127.2	135.8	145.5	153.4	166.3	Telephone and telegraph.....	179.4	196.4	208.9	181.3	208.0	232.5
Farms.....	80.6	74.3	79.0	100.3	106.0	120.5	Radio and television.....	59.1	62.1	72.2	50.3	50.3	54.1
Agricultural services, forestry, and fishing.....	47.4	53.0	56.7	44.4	46.7	47.3	Electric, gas, and sanitary services.....	204.8	215.6	230.0	193.7	212.9	217.9
Mining.....	100.2	103.3	127.1	119.7	112.0	95.2	Wholesale trade.....	607.9	633.5	674.1	663.3	688.6	708.4
Metal mining.....	5.4	5.0	4.9	7.7	8.2	7.4	Retail trade.....	790.4	834.9	893.9	800.0	843.7	905.7
Coal mining.....	10.7	10.6	10.1	11.9	13.5	13.5	Finance, insurance, and real estate.....	1,708.5	1,810.6	1,936.2	1,622.1	1,713.5	1,809.5
Oil and gas extraction.....	72.8	76.2	99.5	89.4	79.8	63.4	Depository institutions.....	300.0	325.6	366.5	256.5	268.1	288.2
Nonmetallic minerals, except fuels.....	11.3	11.5	12.6	10.9	10.9	12.4	Nondepository institutions.....	52.8	53.7	59.0	57.3	60.6	66.8
Construction.....	380.8	425.5	463.6	348.9	370.0	379.3	Security and commodity brokers.....	143.9	138.8	144.2	163.2	210.0	290.7
Manufacturing.....	1,431.5	1,496.8	1,566.6	1,444.3	1,532.1	1,594.6	Insurance carriers.....	150.2	158.3	167.7	135.1	135.2	131.1
Durable goods.....	830.7	865.7	901.7	892.9	965.1	1,034.1	Insurance agents, brokers, and service.....	56.4	65.4	67.3	51.8	58.9	60.1
Lumber and wood products.....	41.9	46.3	44.4	40.1	43.0	44.1	Real estate.....	981.6	1,051.2	1,116.3	944.9	986.2	1,018.3
Furniture and fixtures.....	24.3	26.0	26.7	22.9	23.9	24.4	Nonfarm housing services.....	718.7	764.4	810.5	677.2	701.3	721.1
Stone, clay, and glass products.....	38.7	42.5	43.9	36.6	38.4	39.7	Other real estate.....	262.9	286.8	305.8	268.9	286.6	299.3
Primary metal industries.....	53.1	50.2	52.9	54.5	57.2	57.4	Holding and other investment offices.....	23.4	17.6	15.4	15.4	10.6	7.4
Fabricated metal products.....	101.7	107.6	108.7	96.5	98.4	99.6	Services.....	1,829.9	1,980.9	2,164.6	1,699.0	1,774.8	1,865.2
Industrial machinery and equipment.....	158.6	157.3	167.6	195.8	214.4	236.0	Hotels and other lodging places.....	73.5	80.4	86.5	63.3	64.8	67.3
Electronic and other electric equipment.....	159.2	165.5	181.2	210.8	255.8	327.7	Personal services.....	57.0	57.4	60.4	53.7	52.6	53.5
Motor vehicles and equipment.....	111.5	118.9	120.2	111.6	114.7	116.9	Business services.....	439.8	502.6	571.7	410.7	452.5	490.9
Other transportation equipment.....	58.4	64.5	62.7	56.7	61.2	55.2	Auto repair, services, and parking.....	81.0	88.1	93.9	75.1	80.6	83.7
Instruments and related products.....	57.5	58.8	64.2	49.0	48.2	48.1	Miscellaneous repair services.....	24.4	25.2	26.7	21.6	20.2	19.6
Miscellaneous manufacturing industries.....	25.9	28.3	29.1	24.9	26.9	27.7	Motion pictures.....	29.1	32.0	34.9	28.2	29.2	30.0
Nondurable goods.....	600.8	631.0	664.8	555.5	574.0	574.0	Amusement and recreation services.....	70.1	75.1	80.8	65.1	68.3	69.5
Food and kindred products.....	121.8	132.9	137.0	112.1	117.3	118.2	Health services.....	491.1	516.3	546.8	460.9	470.5	485.4
Tobacco products.....	17.3	18.9	22.3	11.9	6.3	6.2	Legal services.....	116.7	123.0	133.5	107.3	110.4	115.6
Textile mill products.....	25.8	25.5	24.7	24.1	23.6	24.1	Educational services.....	67.5	72.1	78.6	61.1	62.4	64.6
Apparel and other textile products.....	26.0	24.3	23.6	25.2	22.6	22.5	Social services.....	57.6	61.8	67.5	52.3	53.7	55.5
Paper and allied products.....	55.7	58.0	59.9	56.2	57.3	50.0	Membership organizations.....	53.6	58.3	63.5	48.3	48.3	49.6
Printing and publishing.....	95.6	102.7	105.5	85.6	88.1	86.6	Other services.....	254.5	275.9	306.2	238.6	250.7	269.3
Chemicals and allied products.....	164.8	175.1	191.1	155.2	168.7	184.2	Private households.....	14.0	12.7	13.6	13.3	11.7	12.0
Petroleum and coal products.....	32.9	30.4	36.5	26.4	34.4	25.5	Statistical discrepancy¹.....	-31.0	-72.7	-130.4	-30.1	-69.9	-123.0
Rubber and miscellaneous plastics products.....	56.8	59.3	60.2	55.6	58.2	59.8	Government.....	1,103.3	1,151.7	1,216.4	1,047.3	1,060.7	1,085.4
Leather and leather products.....	4.1	3.9	4.0	3.8	3.7	3.9	Federal.....	359.9	369.7	387.0	347.6	346.5	353.0
Transportation and public utilities.....	732.0	776.8	825.0	683.1	737.2	781.5	General government.....	298.6	308.1	323.8	286.2	285.8	290.1
Transportation.....	288.7	302.7	313.9	257.9	268.6	281.1	Government enterprises.....	61.3	61.6	63.2	61.5	60.8	63.1
Railroad transportation.....	24.3	23.2	22.9	22.8	22.5	23.2	State and local.....	743.4	782.0	829.5	699.7	714.0	732.2
Local and interurban passenger transit.....	16.8	17.6	18.7	15.5	16.6	18.2	General government.....	681.2	716.6	780.4	642.5	653.5	669.0
Trucking and warehousing.....	114.1	122.0	126.0	95.5	100.3	105.7	Government enterprises.....	62.2	65.4	69.1	57.3	60.5	63.2
Water transportation.....	13.6	13.7	14.8	13.2	11.8	11.7	Not allocated by industry².....				-48.9	-110.6	-170.7
Transportation by air.....	85.8	90.2	93.0	76.8	80.9	85.0							
Pipelines, except natural gas.....	6.1	6.1	6.2	6.4	6.4	6.4							

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 (1996) dollar statistical discrepancy equals the current-dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

2. Equals GDP in chained (1996) dollars less the statistical discrepancy and the sum of GDP by industry of the detailed industries. The value of not allocated by industry reflects the nonadditivity of chained-dollar estimates

and the differences in source data used to estimate real GDP by industry and the expenditures measure of real GDP.

NOTE. Estimates are based on the 1987 Standard Industrial Classification. The table is derived from tables 1 and 6 in "Gross Domestic Product by Industry for 1998–2000" in the November 2001 Survey. This table corrects errors in the current-dollar estimates for total "Services" for 1998–2000 that were in table 1.

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

	Billions of dollars			Billions of chained (1996) dollars				Billions of dollars			Billions of chained (1996) dollars		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Personal consumption expenditures	6,246.5	6,683.7	6,987.0	5,964.5	6,223.9	6,377.2	Personal business	575.2	632.5	634.3	514.2	550.0	550.1
Food and tobacco	964.7	1,027.2	1,068.7	888.9	919.4	926.0	Brokerage charges and investment counseling (s.)	72.2	88.4	74.2	80.0	98.9	86.2
Food purchased for off-premise consumption (n.d.)	537.7	568.6	589.0	512.4	530.0	533.6	Bank service charges, trust services, and safe deposit box rental (s.)	63.2	68.4	73.5	56.8	58.8	60.7
Purchased meals and beverages ¹ (n.d.)	351.5	376.5	393.2	325.4	339.8	344.0	Services furnished without payment by financial intermediaries except life insurance carriers (s.)	233.8	258.1	259.5	201.4	220.0	227.4
Food furnished to employees (including military) (n.d.)	9.1	9.4	9.7	8.5	8.7	8.8	Expense of handling life insurance and pension plans ¹⁷ (s.)	96.2	102.8	103.9	82.3	82.0	80.3
Food produced and consumed on farms (n.d.)	5.5	5.5	5.5	5.5	5.5	5.5	Legal services (s.)	62.4	65.2	70.4	54.7	54.4	55.7
Tobacco products (n.d.)	65.9	72.2	76.3	43.4	42.8	42.1	Funeral and burial expenses (s.)	16.5	16.4	17.5	14.6	14.1	14.6
Addenda: Food excluding alcoholic beverages (n.d.)	786.2	834.2	866.2	741.0	768.8	775.2	Other ¹⁸ (s.)	31.0	33.2	35.3	28.1	28.9	29.4
Alcoholic beverages purchased for off-premise consumption (n.d.)	65.2	70.3	73.1	62.5	65.4	66.5	Transportation	707.8	768.9	794.8	704.8	726.8	750.4
Other alcoholic beverages (n.d.)	47.4	50.5	53.1	43.3	44.8	45.3	User-operated transportation	654.7	711.9	742.0	653.1	673.9	699.8
Clothing, accessories, and jewelry	391.2	409.8	412.6	404.9	428.4	435.9	New autos (d.)	98.4	105.5	105.9	99.9	107.0	108.0
Shoes (n.d.)	44.7	46.3	47.0	46.4	48.8	49.9	Net purchases of used autos (d.)	57.7	59.4	60.6	59.8	60.4	60.4
Clothing and accessories except shoes ²	256.1	267.1	267.9	265.4	280.3	287.5	Other motor vehicles (d.)	118.7	125.9	149.0	116.8	123.9	147.3
Women's and children's (n.d.)	164.1	171.9	172.6	172.6	183.1	187.1	Tires, tubes, accessories, and other parts (d.)	44.4	45.9	45.8	45.3	46.7	45.4
Men's and boys' (n.d.)	92.0	95.2	95.3	92.9	97.3	100.5	Repair, greasing, washing, parking, storage, rental, and leasing (s.)	165.1	175.5	181.6	156.7	162.1	162.2
Standard clothing issued to military personnel (n.d.)	3	3	3	3	3	3	Gasoline and oil (n.d.)	129.3	164.4	162.1	136.4	135.7	138.8
Cleaning, storage, and repair of clothing and shoes (s.)	14.6	15.5	15.6	13.8	14.3	13.7	Bridge, tunnel, ferry, and road tolls (s.)	4.4	4.6	4.9	3.8	3.9	3.9
Jewelry and watches (d.)	48.5	51.1	51.0	53.7	58.1	58.0	Insurance ²⁰ (s.)	36.8	30.7	32.1	34.1	34.3	34.3
Other ³ (s.)	27.0	29.5	30.8	25.6	27.1	27.0	Purchased local transportation	12.4	12.7	13.2	12.5	12.6	12.7
Personal care	84.0	87.8	89.1	80.0	81.7	81.5	Mass transit systems (s.)	8.6	9.1	9.5	8.7	9.0	9.1
Toilet articles and preparations (n.d.)	55.1	56.5	56.5	53.4	54.1	53.6	Taxicab (s.)	3.8	3.6	3.7	3.8	3.5	3.5
Barbershops, beauty parlors, and health clubs (s.)	28.9	31.2	32.6	26.6	27.6	27.8	Purchased intercity transportation	40.7	44.3	39.7	39.3	40.3	38.0
Housing	912.6	960.0	1,014.5	835.0	851.3	866.0	Railway (s.)	7	8	9	7	8	8
Owner-occupied nonfarm dwellings—space rent ⁴ (s.)	666.4	704.9	751.0	610.7	627.3	643.5	Bus (s.)	2.0	1.5	1.5	1.8	1.3	1.3
Tenant-occupied nonfarm dwellings—rent ⁵ (s.)	202.8	207.8	217.1	185.8	184.0	184.3	Airline (s.)	32.7	36.7	32.4	31.7	33.4	31.6
Rental value of farm dwellings (s.)	7.2	7.6	8.0	6.1	6.0	5.9	Other ²⁰ (s.)	5.3	5.2	4.8	5.0	4.7	4.3
Other ⁶ (s.)	36.1	39.6	39.5	32.5	34.1	32.5	Recreation	526.5	564.7	593.9	558.3	604.9	644.6
Household operation	677.7	723.9	747.3	677.7	712.2	721.8	Books and maps (d.)	30.8	33.2	35.1	30.2	32.5	34.1
Furniture, including mattresses and bedspreads (d.)	60.3	64.4	64.0	60.6	65.0	65.7	Magazines, newspapers, and sheet music (n.d.)	32.5	34.2	35.2	30.8	31.8	32.1
Kitchen and other household appliances ⁷ (d.)	34.1	35.7	36.1	35.5	37.5	38.3	Nondurable toys and sport supplies (n.d.)	60.4	62.7	66.7	67.8	74.5	82.6
China, glassware, tableware, and utensils (d.)	31.4	33.3	34.1	31.8	34.2	35.9	Wheel goods, sports and photographic equipment, boats, and pleasure aircraft (d.)	50.4	55.3	60.8	52.3	58.1	64.5
Other durable house furnishings ⁸ (d.)	61.6	65.1	66.4	61.9	65.9	68.0	Video and audio goods, including musical instruments, and computer goods (d.)	98.1	106.3	105.6	152.7	185.5	211.5
Semidurable house furnishings ⁹ (n.d.)	36.8	38.3	38.7	38.9	41.6	43.0	Video and audio goods, including musical instruments (d.)	66.7	71.8	72.7	78.3	90.7	99.0
Cleaning and polishing preparations, and miscellaneous household supplies and paper products (n.d.)	56.9	59.3	61.7	54.4	54.4	54.6	Computers, peripherals, and software ¹¹ (d.)	31.4	34.5	32.9	91.0	122.0	152.6
Stationery and writing supplies (n.d.)	22.6	23.4	23.5	21.2	22.3	22.4	Radio and television repair (s.)	4.1	4.1	4.2	3.9	4.0	4.1
Household utilities	190.1	209.2	221.7	190.1	195.0	191.3	Flowers, seeds, and potted plants (n.d.)	16.7	17.5	18.5	17.4	17.5	17.9
Electricity (s.)	96.7	101.5	105.3	101.0	104.4	101.2	Admissions to specified spectator amusements	25.0	27.1	29.4	22.6	23.1	23.9
Gas (s.)	33.3	40.8	49.1	31.5	32.9	33.9	Motion picture theaters (s.)	7.6	7.8	8.7	6.9	6.6	7.1
Water and other sanitary services (s.)	46.6	48.8	50.7	43.0	43.9	44.4	Legitimate theaters and opera, and entertainments of nonprofit institutions (except athletics) (s.)	8.9	9.9	10.6	8.1	8.4	8.7
Fuel oil and coal (n.d.)	13.6	18.1	16.5	14.7	14.0	12.6	Spectator sports ²¹ (s.)	8.5	9.5	10.1	7.7	8.1	8.1
Telephone and telegraph (s.)	122.3	130.6	136.5	127.1	141.1	151.2	Clubs and fraternal organizations ²² (s.)	15.9	16.7	17.3	14.7	14.9	14.9
Domestic service (s.)	14.9	16.0	14.6	13.7	14.1	12.4	Commercial participant amusements ²³ (s.)	63.0	68.4	73.3	58.8	61.6	63.9
Other ¹⁰ (s.)	46.6	48.5	50.0	43.0	42.9	42.9	Pari-mutuel net receipts (s.)	4.5	4.7	4.8	4.2	4.3	4.3
Medical care	1,097.9	1,171.1	1,270.2	1,025.5	1,062.0	1,110.2	Other ²⁴ (s.)	125.1	134.4	142.9	114.2	118.7	122.2
Drug preparations and sundries ¹¹ (n.d.)	139.2	156.3	176.4	129.4	140.6	152.3	Education and research	152.1	164.0	174.9	136.8	141.3	144.9
Ophthalmic products and orthopedic appliances (d.)	21.6	22.9	21.6	20.6	21.3	19.4	Higher education ²⁵ (s.)	73.3	83.1	87.6	71.5	72.2	73.6
Physicians (s.)	230.3	244.3	266.7	218.7	228.0	242.1	Nursery, elementary, and secondary schools ²⁶ (s.)	32.0	34.0	35.5	29.2	29.8	29.9
Dentists (s.)	58.3	62.7	67.5	51.1	52.5	54.4	Other ²⁷ (s.)	40.8	46.9	51.7	39.1	39.2	41.3
Other professional services ¹² (s.)	137.0	142.8	153.5	126.5	128.5	133.9	Religious and welfare activities²⁸ (s.)	172.9	190.1	199.6	157.5	164.9	166.4
Hospitals and nursing homes ¹³	445.8	471.5	509.6	418.1	427.4	443.9	Foreign travel and other, net	-16.0	-16.1	-12.9	-11.7	-7.5	-5.0
Hospitals	370.7	392.3	425.9	350.7	359.8	376.9	Foreign travel by U.S. residents ²⁹ (s.)	3.2	80.9	76.3	70.9	76.7	73.3
Nonprofit (s.)	245.9	259.7	281.0	229.8	234.8	244.1	Expenditures abroad by U.S. residents (n.d.)	3.3	3.6	3.6	4.0	4.4	4.4
Proprietary (s.)	42.4	44.8	50.8	41.0	42.2	46.6	Less: Expenditures in the United States by nonresidents ³⁰ (s.)	89.6	98.3	90.6	84.2	88.2	80.6
Government (s.)	82.5	87.8	94.1	79.9	82.8	86.2	Less: Personal remittances in kind to nonresidents (n.d.)	1.9	2.0	2.2	1.9	1.9	2.1
Nursing homes (s.)	75.1	79.2	83.6	67.5	67.7	67.5	Residual				-41.6	-72.6	-100.5
Health insurance	65.7	70.6	75.0	61.3	63.8	64.5							
Medical care and hospitalization ¹⁴ (s.)	57.7	63.0	66.8	49.5	51.4	51.6							
Income loss ¹⁵ (s.)	1.5	1.7	1.8	9	1.0	1.0							
Workers' compensation ¹⁶ (s.)	6.5	5.9	6.4	10.8	11.4	12.1							

* Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component.

1. Consists of purchases (including tips) of meals and beverages from retail, service, and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunchrooms. Includes meals and beverages consumed both on- and off-premise.
2. Includes luggage.
3. Consists of watch, clock, and jewelry repairs, costume and dress suit rental, and miscellaneous personal services.
4. Consists of rent for space and for heating and plumbing facilities, water heaters, lighting fixtures, kitchen cabinets, linoleum, storm windows and doors, window screens, and screen doors, but excludes rent for appliances and furniture and purchases of fuel and electricity.
5. Consists of space rent (see footnote 4) and rent for appliances, furnishings, and furniture.
6. Consists of transient hotels, motels, clubs, schools, and other group housing.
7. Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, room air conditioners, sewing machines, vacuum cleaners, and other appliances.
8. Includes such house furnishings as floor coverings, comforters, quilts, blankets, pillows, picture frames, mirrors, art products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.
9. Consists largely of textile house furnishings, including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes.
10. Consists of maintenance services for appliances and house furnishings, moving and warehouse expenses, postage and express charges, premiums for fire and theft insurance on personal property less benefits and dividends, and miscellaneous household operation services.
11. Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services.
12. Consists of osteopathic physicians, chiropractors, private duty nurses, chiropodists, podiatrists, and others providing health and allied services, not elsewhere classified.
13. Consists of (1) current expenditures (including consumption of fixed capital) of nonprofit hospitals and nursing homes, and (2) payments by patients to proprietary and government hospitals and nursing homes.
14. Consists of (1) premiums, less benefits and dividends, for health, hospitalization, and accidental death and dismemberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including consumption of fixed capital) of nonprofit and self-insured health plans.
15. Consists of premiums, less benefits and dividends, for income loss insurance.
16. Consists of premiums, less benefits and dividends, for privately administered workers' compensation.
17. Consists of (1) operating expenses of commercial life insurance carriers, (2) administrative expenses of private noninsured pension plans and publicly administered government employee retirement plans, and (3) premiums, less benefits and dividends, of fraternal benefit societies. For commercial life insurance carriers, excludes expenses for accident and health insurance and includes profits of stock companies and services furnished without payment by banks, credit agencies, and investment companies. For pension and retirement plans, excludes services furnished without payment by banks, credit agencies, and investment companies.
18. Consists of current expenditures (including consumption of fixed capital) of trade unions and professional associations, employment agency fees, money order fees, spending for classified advertisements, tax return preparation services, and other personal business services.
19. Consists of premiums, less benefits and dividends, for motor vehicle insurance.
20. Consists of baggage charges, coastal and inland waterway fares, travel agents' fees, and airport bus fares.
21. Consists of admissions to professional and amateur athletic events and to racetracks.
22. Consists of dues and fees excluding insurance premiums.
23. Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations; casino gambling; and other commercial participant amusements.
24. Consists of net receipts of lotteries and expenditures for purchases of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, video cassette rentals, and recreational services, not elsewhere classified.
25. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and less expenditures for research and development financed under contracts or grants. For government institutions, equals student payments of tuition.
26. For private institutions, equals current expenditures (including consumption of fixed capital) less receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures. For government institutions, equals student payments of tuition. Excludes child day care services, which are included in religious and welfare activities.
27. Consists of (1) fees paid to commercial, business, trade, and correspondence schools and for educational services, not elsewhere classified, and (2) current expenditures (including consumption of fixed capital) by research organizations and commercial participant amusements.
28. For nonprofit institutions, equals current expenditures (including consumption of fixed capital) of religious, social welfare, foreign relief, and political organizations, museums, libraries, and foundations. The expenditures are net of receipts—such as those from meals, rooms, and entertainments—accounted for separately in consumer expenditures, and excludes relief payments within the United States and expenditures by foundations for education and research. For proprietary and government institutions, equals receipts from users.
29. Beginning with 1981, includes U.S. students' expenditures abroad; these expenditures were \$0.3 billion in 1981.
30. Beginning with 1981, includes nonresidents' student and medical care expenditures in the United States; student expenditures were \$2.2 billion and medical expenditures were \$0.4 billion in 1981.

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.

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

Table B.5. Private Fixed Investment in Structures by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1999	2000	2001	1999	2000	2001
Private fixed investment in structures	678.5	731.0	759.9	617.9	638.5	634.9
Nonresidential	283.7	314.2	324.5	258.6	275.5	270.9
New.....	283.1	313.5	320.8	258.0	274.7	267.7
Nonresidential buildings, excluding farm	201.8	217.9	210.1	181.0	187.1	173.6
Industrial.....	28.7	28.0	25.6	25.8	24.0	21.1
Commercial.....	110.1	122.8	118.5	98.7	105.5	97.9
Office buildings ¹	55.4	64.7	60.5	49.6	55.6	50.0
Other ²	54.7	58.1	58.0	49.1	49.9	48.0
Religious.....	7.2	7.8	8.1	6.4	6.7	6.7
Educational.....	10.3	12.4	13.7	9.3	10.6	11.3
Hospital and institutional.....	15.1	16.1	16.8	13.5	13.8	13.9
Other ³	30.4	30.8	27.4	27.2	26.5	22.6
Utilities.....	47.3	53.7	55.0	45.7	50.4	50.3
Railroads.....	4.7	4.3	4.1	4.7	4.2	4.2
Telecommunications.....	18.3	18.7	18.4	18.2	18.2	17.3
Electric light and power.....	14.7	21.3	22.7	14.0	19.5	20.1
Gas.....	8.1	8.5	8.9	7.6	7.6	7.8
Petroleum pipelines.....	1.5	1.0	.9	1.4	.9	.8
Farm.....	5.1	6.0	6.1	4.5	5.1	5.1
Mining exploration, shafts, and wells.....	22.8	29.2	42.7	21.6	27.0	34.0
Petroleum and natural gas.....	21.6	28.0	41.3	20.4	26.0	32.8
Other ⁴	1.2	1.1	1.4	1.1	1.0	1.2
Brokers' commissions on sale of structures	2.4	2.5	2.5	2.3	2.4	2.2
Net purchases of used structures.....	-1.8	-1.9	1.2	-1.6	-1.6	1.0
Residential	394.8	416.8	435.4	359.4	363.0	364.0
New.....	344.4	363.6	377.8	311.7	315.1	315.2
New housing units.....	250.1	259.7	271.6	225.6	224.2	225.5
Permanent site.....	236.1	248.9	262.8	212.2	213.9	217.0
Single-family structures.....	208.6	220.7	232.1	189.0	191.0	192.6
Multifamily structures.....	27.4	28.3	30.7	23.4	23.0	24.4
Manufactured homes.....	14.0	10.8	8.8	13.2	10.0	8.1
Improvements.....	93.0	102.4	104.6	84.9	89.7	88.4
Other ⁵	1.3	1.4	1.6	1.2	1.2	1.4
Brokers' commissions on sale of structures	53.9	56.2	60.0	51.0	50.6	50.9
Net purchases of used structures.....	-3.5	-2.9	-2.3	-3.1	-2.5	-1.9
Residual				-9	-9	-1.0

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

2. Consists of stores, restaurants, garages, service stations, warehouses, mobile structures, and other buildings used for commercial purposes.

3. Consists of hotels and motels, buildings used primarily for social and recreational activities, and buildings not elsewhere classified, such as passenger terminals, greenhouses, and animal hospitals.

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

5. Consists primarily of dormitories and of fraternity and sorority houses.

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

Table B.6. Private Fixed Investment in Equipment and Software by Type

	Billions of dollars			Billions of chained (1996) dollars		
	1999	2000	2001	1999	2000	2001
Private fixed investment in equipment and software	898.7	960.8	886.4	984.8	1,065.4	997.6
Nonresidential equipment and software	889.8	951.6	877.1	975.9	1,056.0	988.2
Information processing equipment and software.....	402.3	446.9	404.3	508.1	583.3	548.5
Computers and peripheral equipment ¹	90.4	93.3	74.2	207.4	246.4	239.9
Software ²	162.5	179.4	180.4	169.3	184.4	182.0
Communication equipment.....	93.7	116.6	90.6	102.5	132.1	105.8
Instruments.....	38.2	40.6	43.6	37.9	40.1	42.6
Photocopying and related equipment.....	10.5	9.5	8.0	10.7	9.5	8.0
Office and accounting equipment.....	7.0	7.5	7.6	7.1	7.5	7.8
Industrial equipment.....	150.4	164.9	159.0	147.5	160.8	153.8
Fabricated metal products.....	13.4	13.8	13.7	13.5	13.9	13.4
Engines and turbines.....	5.7	7.0	9.3	5.4	6.6	8.8
Metalworking machinery.....	34.2	35.3	31.3	33.6	34.6	30.5
Special industry machinery, n.e.c.....	38.3	44.4	41.0	37.2	43.0	39.4
General industrial, including materials handling, equipment.....	34.0	36.6	34.4	33.0	35.3	32.9
Electrical transmission, distribution, and industrial apparatus.....	24.8	27.8	29.3	24.8	27.3	28.7
Transportation equipment.....	194.7	189.7	165.8	193.2	186.6	163.6
Trucks, buses, and truck trailers.....	112.3	107.4	90.1	112.4	106.5	90.5
Autos.....	43.1	40.5	34.1	42.5	40.8	35.4
Aircraft.....	29.1	31.5	33.7	28.3	29.3	29.8
Ships and boats.....	2.7	3.2	3.2	2.6	2.9	2.9
Railroad equipment.....	7.6	7.1	4.7	7.7	7.2	4.8
Other equipment.....	145.6	153.4	150.8	141.8	148.5	144.5
Furniture and fixtures.....	38.1	40.6	35.7	37.1	39.2	34.0
Tractors.....	12.8	13.7	14.5	12.5	13.4	14.1
Agricultural machinery, except tractors.....	9.9	10.8	12.0	9.5	10.3	11.3
Construction machinery, except tractors.....	21.6	21.7	19.9	20.4	20.4	18.5
Mining and oilfield machinery.....	5.6	5.2	6.5	5.3	5.0	5.9
Service industry machinery.....	16.5	16.4	16.1	15.9	15.7	15.3
Electrical equipment, n.e.c.....	14.4	16.4	17.9	14.9	17.3	19.0
Other.....	26.8	28.4	28.2	26.2	27.4	26.8
Less: Sale of equipment scrap, excluding autos.....	3.2	3.3	2.8	4.1	3.8	3.5
Residential equipment	8.8	9.3	9.3	9.0	9.4	9.5
Residual				-37.8	-56.3	-56.5
Addenda:						
Private fixed investment in equipment and software.....	898.7	960.8	886.4			
Less: Dealers' margin on used equipment.....	8.1	8.8	8.6			
Net purchases of used equipment from government.....	1.0	1.0	.9			
Plus: Net sales of used equipment.....	39.3	38.5	32.5			
Net exports of used equipment.....	.4	-2.0	0.0			
Sale of equipment scrap.....	3.3	3.4	2.9			
Equals: Private fixed investment in new equipment and software	932.6	992.7	912.4			

1. Includes new computers and peripheral equipment only. Because of rapid changes in relative prices, the chained-dollar estimates for computers are especially misleading as a measure of the contribution or relative importance of this component.

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

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

n.e.c. Not elsewhere classified.

Table B.7. Compensation and Wage and Salary Accruals by Industry
[Millions of dollars]

	Compensation			Wage and salary accruals				Compensation			Wage and salary accruals		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Total	5,308,801	5,723,399	5,874,879	4,475,588	4,836,329	4,950,605							
Domestic industries	5,314,546	5,729,274	5,881,042	4,481,333	4,842,204	4,956,768							
Private industries ¹	4,361,287	4,721,994	4,818,943	3,757,166	4,073,263	4,145,921	Communications	103,714	114,010	113,175	87,644	96,406	95,286
Agriculture, forestry, and fishing ...	49,786	52,856	57,497	43,643	46,253	50,496	Telephone and telegraph	78,733	86,828	84,956	66,277	73,142	71,216
Farms	19,341	19,314	21,544	16,478	16,563	18,394	Radio and television	24,981	27,182	28,219	21,367	23,264	24,070
Agricultural services, forestry, and fishing	30,445	33,342	35,953	27,165	29,690	32,102	Electric, gas, and sanitary services	58,541	62,541	65,156	49,212	52,574	54,610
Mining	34,234	36,534	39,627	29,256	31,204	33,844	Wholesale trade	359,519	385,755	379,752	309,254	332,293	325,688
Metal mining	2,917	2,600	2,421	2,446	2,161	1,996	Retail trade	478,583	511,114	531,075	420,523	449,515	465,818
Coal mining	5,129	4,869	5,258	4,328	4,091	4,422	Finance, insurance, and real estate	458,091	501,923	531,995	395,757	434,720	459,937
Oil and gas extraction	20,749	23,512	26,240	17,827	20,205	22,555	Depository institutions	98,577	100,040	106,840	83,358	84,543	90,230
Nonmetallic minerals, except fuels	5,439	5,553	5,708	4,655	4,747	4,871	Nondepository institutions	40,714	41,510	49,161	34,787	35,473	42,046
Construction	272,904	298,999	313,027	233,740	256,839	268,645	Security and commodity brokers	107,093	135,094	138,866	95,771	120,994	124,161
Manufacturing	926,201	981,781	939,155	782,635	829,413	789,402	Insurance carriers	91,260	94,360	98,832	77,637	80,274	83,936
Durable goods	585,734	626,444	590,814	493,369	527,421	495,186	Insurance agents, brokers, and service	38,697	41,075	44,766	33,701	35,800	38,956
Lumber and wood products ...	28,712	29,146	28,559	24,464	24,814	24,256	Real estate	57,599	61,891	66,628	49,811	53,588	57,620
Furniture and fixtures	18,727	19,707	18,929	15,955	16,759	16,047	Holding and other investment offices	24,151	27,953	26,902	20,692	24,048	22,988
Stone, clay, and glass products	25,799	27,661	27,313	21,702	23,250	22,904	Services	1,431,970	1,578,136	1,644,716	1,250,487	1,380,070	1,434,418
Primary metal industries	37,240	38,213	35,730	30,851	31,572	29,317	Hotels and other lodging places	46,437	49,802	50,191	40,453	43,495	43,722
Fabricated metal products	66,605	69,559	67,318	56,015	58,339	56,259	Personal services	28,441	30,078	32,128	25,313	26,784	28,563
Industrial machinery and equipment	121,216	132,198	118,992	104,321	113,783	102,037	Business services	351,919	412,930	405,062	309,610	363,879	355,624
Electronic and other electric equipment	97,771	114,454	103,720	82,973	97,365	87,785	Auto repair, services, and parking	36,996	39,809	41,571	32,594	35,172	36,637
Motor vehicles and equipment	68,743	70,613	65,296	54,741	56,015	51,167	Miscellaneous repair services	13,499	13,947	14,652	11,856	12,256	12,844
Other transportation equipment	51,965	51,649	52,500	43,375	42,954	43,615	Motion pictures	22,480	23,933	24,443	19,779	21,052	21,435
Instruments and related products	53,491	57,079	56,364	45,974	48,993	48,311	Amusement and recreation services	47,274	51,547	52,647	41,316	45,082	45,929
Miscellaneous manufacturing industries	15,465	16,165	16,093	12,998	13,577	13,488	Health services	408,567	430,446	464,063	349,595	368,492	396,845
Nondurable goods	340,467	355,337	348,341	289,266	301,992	294,216	Legal services	72,180	79,170	85,255	63,581	69,846	75,067
Food and kindred products ...	66,468	70,102	71,808	56,619	59,780	60,977	Educational services	66,841	72,643	78,808	57,978	63,057	68,314
Tobacco products	2,758	2,946	3,130	2,168	2,321	2,464	Social services and membership organizations	114,376	123,692	131,746	101,619	109,876	116,749
Textile mill products	18,269	18,054	16,411	15,709	15,520	13,990	Social services	59,270	65,086	71,803	51,339	56,420	62,197
Apparel and other textile products	18,462	17,721	16,594	15,757	15,085	14,010	Membership organizations	55,106	58,606	59,943	50,280	53,456	54,552
Paper and allied products	34,474	35,062	34,378	29,663	30,154	29,399	Other services ³	210,248	236,574	252,269	184,404	207,845	221,113
Printing and publishing	69,716	73,248	71,895	60,196	63,280	61,773	Private households	12,712	13,565	11,881	12,389	13,234	11,576
Chemicals and allied products	77,224	83,713	80,990	64,397	69,950	67,159	Government	953,259	1,007,288	1,062,099	724,167	768,941	810,847
Petroleum and coal products	10,040	9,810	10,149	8,288	8,070	8,317	Federal	277,699	293,678	300,286	184,222	195,598	197,378
Rubber and miscellaneous plastics products	40,582	42,232	40,731	34,345	35,730	34,208	General government	221,496	233,437	240,534	146,475	154,845	157,914
Leather and leather products	2,474	2,449	2,255	2,124	2,102	1,919	Civilian	134,369	142,052	144,305	90,174	96,000	95,609
Transportation and public utilities	350,019	375,096	382,099	291,871	312,956	317,673	Military ⁴	87,127	91,385	96,229	56,301	58,845	62,305
Transportation	187,764	198,545	203,768	155,015	163,976	167,777	Government enterprises	56,203	60,241	59,752	37,747	40,753	39,464
Railroad transportation	17,023	16,749	16,759	12,656	12,415	12,383	State and local	675,560	713,602	761,813	539,945	573,343	613,469
Local and interurban passenger transit	11,952	12,684	13,272	10,185	10,814	11,291	General government	633,337	669,207	711,554	505,640	537,090	572,373
Trucking and warehousing ²	70,671	74,287	75,765	58,645	61,625	62,623	Education	340,095	360,574	382,057	269,529	287,229	305,171
Water transportation	9,068	9,667	10,043	7,588	8,100	8,392	Other ¹	293,242	308,633	329,497	236,111	249,861	267,202
Transportation by air ²	59,591	64,005	66,426	49,281	52,887	54,721	Government enterprises ⁵	42,223	44,395	50,259	34,305	36,253	41,096
Pipelines, except natural gas	1,000	1,018	1,092	850	865	925	Rest of the world	-5,745	-5,875	-6,163	-5,745	-5,875	-6,163
Transportation services	18,459	20,135	20,411	15,810	17,270	17,442	Receipts from the rest of the world ...	2,210	2,341	2,382	2,210	2,341	2,382
							Less: Payments to the rest of the world ⁵	7,955	8,216	8,545	7,955	8,216	8,545
							Addenda:						
							Households and institutions	403,143	431,088	459,628			
							Nonfarm business	4,037,229	4,376,228	4,447,782			

1. Beginning with 2001, reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001.

2. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

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

4. Includes Coast Guard.

5. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

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

Table B.8. Employment by Industry
[Thousands]

	Full-time and part-time employees			Persons engaged in production ¹				Full-time and part-time employees			Persons engaged in production ¹			
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001	
Total	136,294	139,207	138,840	132,149	134,723	134,288								
Domestic industries	136,861	139,787	139,448	132,635	135,220	134,809								
Private industries ²	114,320	116,778	116,014	113,888	116,177	115,364								
Agriculture, forestry, and fishing	2,294	2,319	2,341	3,393	3,341	3,342								
Farms	923	890	870	1,693	1,635	1,608	Water transportation	188	194	192	185	191	197	
Agricultural services, forestry, and fishing	1,371	1,429	1,471	1,700	1,706	1,734	Transportation by air ³	1,245	1,297	1,286	1,163	1,216	1,205	
Mining	539	541	568	544	546	581	Pipelines, except natural gas	13	13	14	13	13	14	
Metal mining	44	40	35	45	42	36	Transportation services	476	488	480	474	476	467	
Coal mining	86	79	82	85	77	81	Communications	1,553	1,665	1,700	1,423	1,522	1,554	
Oil and gas extraction	296	308	338	304	315	354	Telephone and telegraph	1,107	1,195	1,220	1,011	1,088	1,107	
Nonmetallic minerals, except fuels	113	114	113	110	112	110	Radio and television	446	470	480	412	434	447	
Construction	6,704	7,007	7,038	8,023	8,368	8,350	Electric, gas, and sanitary services	863	857	860	860	851	857	
Manufacturing	18,673	18,567	17,702	18,663	18,507	17,682	Wholesale trade	6,992	7,104	6,832	7,015	7,098	6,794	
Durable goods	11,178	11,179	10,632	11,223	11,214	10,671	Retail trade	23,542	24,049	24,147	20,954	21,423	21,485	
Lumber and wood products	858	849	804	916	899	854	Finance, insurance, and real estate	7,705	7,743	7,856	7,809	7,840	7,861	
Furniture and fixtures	550	558	524	562	569	530	Depository institutions	2,049	2,036	2,047	1,928	1,904	1,904	
Stone, clay, and glass products	572	582	572	573	580	573	Nondepository institutions	709	686	716	691	667	690	
Primary metal industries	698	700	646	697	696	642	Security and commodity brokers	727	797	820	796	873	855	
Fabricated metal products	1,529	1,544	1,470	1,517	1,537	1,452	Insurance carriers	1,608	1,585	1,583	1,526	1,497	1,488	
Industrial machinery and equipment	2,141	2,119	2,006	2,135	2,106	2,002	Insurance agents, brokers, and service	795	800	820	873	893	909	
Electronic and other electric equipment	1,671	1,719	1,627	1,657	1,705	1,610	Real estate	1,567	1,581	1,615	1,759	1,764	1,777	
Motor vehicles and equipment	1,023	1,020	941	1,018	1,018	943	Holding and other investment offices	250	258	255	236	242	238	
Other transportation equipment	874	836	812	872	834	811	Services	40,975	42,337	42,412	40,637	42,040	42,217	
Instruments and related products	854	843	840	841	836	835	Hotels and other lodging places	1,935	1,981	1,942	1,759	1,818	1,792	
Miscellaneous manufacturing industries	408	409	390	435	434	419	Personal services	1,363	1,387	1,414	1,831	1,879	1,878	
Nondurable goods	7,495	7,388	7,070	7,440	7,293	7,011	Business services	9,438	10,048	9,622	9,567	10,197	9,850	
Food and kindred products	1,697	1,700	1,702	1,680	1,675	1,681	Auto repair, services, and parking	1,326	1,366	1,388	1,557	1,589	1,601	
Tobacco products	37	35	34	36	34	33	Miscellaneous repair services	390	381	384	552	538	564	
Textile mill products	560	534	475	556	536	471	Motion pictures	612	609	589	659	652	634	
Apparel and other textile products	697	640	564	708	616	560	Amusement and recreation services	1,783	1,856	1,811	1,547	1,636	1,601	
Paper and allied products	669	657	629	664	651	623	Health services	10,359	10,483	10,775	9,647	9,770	10,040	
Printing and publishing	1,576	1,569	1,508	1,557	1,544	1,498	Legal services	1,142	1,163	1,188	1,219	1,222	1,261	
Chemicals and allied products	1,037	1,038	1,017	1,026	1,029	1,011	Educational services	2,350	2,442	2,536	2,164	2,265	2,371	
Petroleum and coal products	131	126	124	131	125	124	Social services and membership organizations	5,387	5,581	5,671	5,188	5,354	5,432	
Rubber and miscellaneous plastics products	1,012	1,017	954	1,002	1,007	945	Social services	2,859	2,992	3,143	3,086	3,201	3,330	
Leather and leather products	79	72	63	80	76	65	Membership organizations	2,528	2,589	2,528	2,102	2,153	2,102	
Transportation and public utilities	6,896	7,111	7,118	6,850	7,014	7,052	Other services ⁴	3,639	3,832	3,971	4,085	4,287	4,420	
Transportation	4,480	4,589	4,558	4,567	4,641	4,641	Private households	1,251	1,208	1,121	862	833	773	
Railroad transportation	221	212	203	209	201	192	Government	22,541	23,009	23,434	18,747	19,043	19,445	
Local and interurban passenger transit	489	500	506	503	503	521	Federal	5,141	5,237	5,076	4,167	4,198	4,119	
Trucking and warehousing ³	1,848	1,885	1,877	2,020	2,041	2,045	General government	4,146	4,260	4,114	3,370	3,416	3,338	
							Civilian	1,855	1,976	1,825	1,821	1,869	1,790	
							Military ⁵	2,291	2,284	2,289	1,549	1,547	1,548	
							Government enterprises	995	977	962	797	782	781	
							State and local	17,400	17,772	18,358	14,580	14,845	15,326	
							General government	16,546	16,903	17,382	13,705	13,964	14,334	
							Education	9,149	9,383	9,623	7,367	7,567	7,784	
							Other ²	7,397	7,520	7,759	6,338	6,397	6,550	
							Government enterprises ²	854	869	976	875	881	992	
							Rest of the world ⁶	-567	-580	-608	-486	-497	-521	

1. Equals the number of full-time equivalent employees plus the number of self-employed persons. Unpaid family workers are not included.

2. Beginning with 2001, reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001.

3. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

4. Consists of museums, botanical and zoological gardens; engineering and management services; and

services, not elsewhere classified.

5. Includes Coast Guard.

6. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

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

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

	Wage and salary accruals per full-time equivalent employee			Full-time equivalent employees ¹				Wage and salary accruals per full-time equivalent employee			Full-time equivalent employees ¹		
	Dollars			Thousands				Dollars			Thousands		
	1999	2000	2001	1999	2000	2001		1999	2000	2001	1999	2000	2001
Total	36,677	38,759	39,784	122,028	124,779	124,438							
Domestic industries	36,578	38,652	39,667	122,514	125,276	124,959							
Private industries ²	36,208	38,343	39,293	103,767	106,233	105,514							
Agriculture, forestry, and fishing	21,124	22,258	24,219	2,066	2,078	2,085							
Farms	20,832	21,708	24,657	791	763	746							
Agricultural services, forestry, and fishing	21,306	22,578	23,975	1,275	1,315	1,339							
Mining	55,409	58,875	60,871	528	530	556							
Metal mining	55,591	54,025	57,029	44	40	35							
Coal mining	51,524	53,130	55,275	84	77	80							
Oil and gas extraction	61,472	66,904	68,142	290	302	331							
Nonmetallic minerals, except fuels	42,318	42,766	44,282	110	111	110							
Construction	36,138	37,899	39,385	6,468	6,777	6,821							
Manufacturing	42,821	45,675	45,580	18,277	18,159	17,319							
Durable goods	44,835	47,930	47,409	11,004	11,004	10,445							
Lumber and wood products	28,986	30,005	30,978	844	827	783							
Furniture and fixtures	29,601	30,694	31,465	539	546	510							
Stone, clay, and glass products	38,616	40,718	40,900	562	571	560							
Primary metal industries	44,582	45,493	45,808	692	694	640							
Fabricated metal products	37,145	38,305	39,096	1,508	1,523	1,439							
Industrial machinery and equipment	49,629	54,703	51,717	2,102	2,080	1,973							
Electronic and other electric equipment	50,348	57,307	54,729	1,648	1,699	1,604							
Motor vehicles and equipment	53,879	55,296	54,783	1,016	1,013	934							
Other transportation equipment	50,087	51,877	54,315	866	828	803							
Instruments and related products	54,993	58,957	58,347	836	831	828							
Miscellaneous manufacturing industries	33,243	34,635	36,356	391	392	371							
Nondurable goods	39,773	42,207	42,801	7,273	7,155	6,874							
Food and kindred products	34,149	35,990	36,755	1,658	1,661	1,659							
Tobacco products	60,222	68,265	74,667	36	34	33							
Textile mill products	28,458	29,394	29,957	552	528	467							
Apparel and other textile products	23,344	25,268	25,944	675	597	540							
Paper and allied products	44,876	46,462	47,265	661	649	622							
Printing and publishing	41,061	43,254	43,533	1,466	1,463	1,419							
Chemicals and allied products	62,949	68,311	66,825	1,023	1,024	1,005							
Petroleum and coal products	63,754	64,560	67,618	130	125	123							
Rubber and miscellaneous plastics products	34,483	35,623	36,199	996	1,003	945							
Leather and leather products	27,947	29,606	31,459	76	71	61							
Transportation and public utilities	45,449	47,310	48,009	6,422	6,615	6,617							
Transportation	37,201	38,429	39,607	4,167	4,267	4,236							
Railroad transportation	60,555	61,766	64,495	209	201	192							
Local and interurban passenger transit	22,785	23,663	24,439	447	457	462							
Trucking and warehousing ³	33,977	35,014	35,744	1,726	1,760	1,752							
Public utilities	8,248	8,881	8,402	2,255	2,348	2,381							
Water transportation	43,114	44,751	46,883	176	181	179							
Transportation by air ⁴	42,520	43,817	45,715	1,159	1,207	1,197							
Pipelines, except natural gas	65,385	66,538	66,071	19	13	14							
Transportation services	36,178	36,549	39,641	437	448	440							
Communications	62,336	64,057	62,157	1,406	1,505	1,533							
Telephone and telegraph	66,079	67,661	64,683	1,003	1,081	1,101							
Radio and television	53,020	54,868	55,718	403	424	432							
Electric, gas, and sanitary services	57,965	62,365	64,399	849	843	848							
Wholesale trade	45,986	48,738	49,701	6,725	6,818	6,553							
Retail trade	21,445	22,264	23,009	19,609	20,190	20,245							
Finance, insurance, and real estate	55,374	60,817	63,738	7,147	7,148	7,216							
Depository institutions	43,370	44,473	47,440	1,922	1,901	1,902							
Nondepository institutions	51,999	54,997	62,849	669	645	669							
Security and commodity brokers	139,608	161,541	161,879	686	749	767							
Insurance carriers	50,876	53,623	56,409	1,526	1,497	1,488							
Insurance agents, brokers, and service	45,358	48,118	51,325	743	744	759							
Real estate	36,492	39,115	41,364	1,365	1,370	1,393							
Holding and other investment offices	87,678	99,372	96,588	236	242	238							
Services	34,236	36,396	37,647	36,255	37,918	38,102							
Hotels and other lodging places	23,657	24,727	25,229	1,710	1,759	1,733							
Personal services	21,024	21,811	22,759	1,204	1,228	1,255							
Business services	35,235	38,706	39,444	8,787	9,401	9,016							
Auto repair, services, and parking	25,685	26,788	27,321	1,269	1,313	1,341							
Miscellaneous repair services	32,482	34,235	35,383	365	358	363							
Motion pictures	40,781	43,406	45,413	485	485	472							
Amusement and recreation services	28,513	29,446	30,763	1,449	1,531	1,493							
Health services	37,765	39,256	41,022	9,257	9,387	9,674							
Legal services	62,580	67,484	71,019	1,016	1,035	1,057							
Educational services	28,104	29,356	30,538	2,063	2,148	2,237							
Social services and membership organizations	21,901	22,786	23,729	4,640	4,822	4,920							
Social services	20,228	21,139	22,071	2,538	2,669	2,818							
Membership organizations	23,920	24,829	25,952	2,102	2,153	2,102							
Other services ⁵	53,951	57,447	58,682	3,418	3,618	3,768							
Private households	14,372	15,887	14,975	862	833	773							
Government	38,628	40,379	41,700	18,747	19,043	19,445							
Federal	44,210	46,593	47,919	4,167	4,198	4,119							
General government	43,464	45,329	47,308	3,370	3,416	3,338							
Civilian	49,519	51,364	53,413	1,821	1,869	1,790							
Military ⁵	36,347	38,038	40,249	1,549	1,547	1,548							
Government enterprises	47,361	52,114	50,530	797	782	781							
State and local	37,033	38,622	40,028	14,580	14,845	15,326							
General government	36,895	38,462	39,931	13,705	13,964	14,334							
Education	36,586	37,958	39,205	7,367	7,567	7,784							
Other ²	37,253	39,059	40,794	6,338	6,397	6,550							
Government enterprises ²	39,206	41,150	41,427	875	881	992							
Rest of the world ⁶				-486	-497	-521							

1. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees on part-time schedules converted to a full-time basis. The number of full-time equivalent employees in each industry is the product of the total number of employees and the ratio of average weekly hours per employee for all employees to average weekly hours per employee on full-time schedules.

2. Beginning with 2001, reflects the reclassification of employees of Indian tribal governments from the private sector in accordance with the Consolidated Appropriations Act of 2001.

3. Reflects the reclassification of air couriers from trucking and warehousing to transportation by air.

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

5. Includes Coast Guard.

6. Includes estimates of foreign professional workers and undocumented Mexican migratory workers employed temporarily in the United States.

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

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

	Billions of dollars			Billions of chained (1996) dollars		
	1999	2000	2001	1999	2000	2001
Farm output	207.5	214.3	221.3	244.1	249.2	246.1
Cash receipts from farm marketings	191.4	199.4	200.9	226.2	233.4	224.4
Crops	95.7	99.8	94.3	125.2	130.9	122.9
Livestock	95.7	99.7	106.6	101.1	102.9	101.3
Farm housing	7.2	7.6	8.0	6.1	6.0	5.9
Farm products consumed on farms .....	.5	.6	.6	.5	.5	.5
Other farm income	9.9	8.9	10.3	11.8	10.6	12.2
Change in farm inventories	-1.5	-2.2	1.6	-2.0	-2.5	2.0
Crops	-9	-1.6	2.1	-1.4	-2.2	3.6
Livestock	-6	-6	-5	-6	-6	-4
Less: Intermediate goods and services purchased	132.3	136.5	140.7	137.2	133.3	134.6
Intermediate goods and services, other than rent	118.6	122.2	126.1	123.1	119.5	120.8
Rent paid to nonoperator landlords	13.8	14.2	14.7	14.1	13.8	13.8
Equals: Gross farm product	75.2	77.8	80.6	108.1	120.5	114.3
Less: Consumption of fixed capital	28.9	28.7	29.4	27.7	27.0	27.3
Equals: Net farm product	46.3	49.2	51.2	80.9	97.9	89.5
Less: Indirect business tax and nontax liability	5.3	5.4	5.6			
Plus: Subsidies to operators	18.4	19.5	17.7			
Equals: Farm national income	59.3	63.3	63.2			
Compensation of employees	19.3	19.3	21.5			
Wage and salary accruals	16.5	16.6	18.4			
Supplements to wages and salaries	2.9	2.7	3.1			
Proprietors' income and corporate profits with inventory valuation and capital consumption adjustments	29.6	33.2	30.9			
Proprietors' income	27.7	22.6	19.0			
Corporate profits	1.9	10.6	11.8			
Net interest	10.3	10.9	10.8			

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

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

	Billions of dollars			Billions of chained (1996) dollars		
	1999	2000	2001	1999	2000	2001
Housing output ¹	876.4	920.3	976.0	802.5	817.2	833.6
Nonfarm housing	869.2	912.7	968.1	796.4	811.2	827.8
Owner-occupied	666.4	704.9	751.0	610.7	627.3	643.5
Tenant-occupied	202.8	207.8	217.1	185.8	184.0	184.3
Farm housing	7.2	7.6	8.0	6.1	6.0	5.9
Less: Intermediate goods and services consumed	116.9	116.3	138.4	105.5	101.3	115.9
Equals: Gross housing product	759.5	804.0	837.6	697.0	716.1	717.5
Nonfarm housing	753.6	797.8	831.1	691.9	711.0	712.6
Owner-occupied	576.3	615.5	642.3	529.1	549.9	552.1
Tenant-occupied	177.4	182.2	188.8	162.8	161.1	160.5
Farm housing	5.9	6.3	6.5	5.1	5.1	4.9
Less: Consumption of fixed capital	145.4	152.5	166.1	132.2	132.7	140.0
Capital consumption allowances	77.8	81.8	88.4			
Less: Capital consumption adjustment	-67.6	-70.7	-77.7			
Equals: Net housing product	614.1	651.5	671.4	478.7	494.5	489.4
Less: Indirect business tax and nontax liability plus business transfer payments	135.7	140.7	146.0			
Plus: Subsidies less current surplus of government enterprises	23.7	23.8	24.3			
Equals: Housing national income	502.2	534.6	549.8			
Compensation of employees	10.0	10.9	11.3			
Proprietors' income with inventory valuation and capital consumption adjustments	19.7	18.5	18.1			
Rental income of persons with capital consumption adjustment	130.7	128.1	118.9			
Corporate profits with inventory valuation and capital consumption adjustments	4.1	4.1	4.0			
Net interest	337.6	373.1	397.5			

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

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

Table B.12. Net Stock of Private Fixed Assets; Equipment, Software, and Structures; by Type
 [Yearend estimates]

	Current-cost valuation (Billions of dollars)						Chain-type quantity indexes (1996=100)					
	1996	1997	1998	1999	2000	2001	1996	1997	1998	1999	2000	2001
Private fixed assets	16,722.5	17,653.1	18,649.6	19,880.4	21,215.2	22,190.4	100.00	102.96	106.36	109.89	113.63	116.62
Equipment and software	3,416.3	3,585.3	3,779.2	4,013.2	4,288.3	4,411.0	100.00	105.94	113.09	120.44	128.62	133.36
Nonresidential equipment and software	3,352.2	3,519.8	3,711.6	3,943.9	4,215.5	4,335.1	100.00	105.98	113.19	120.59	128.83	133.57
Information processing equipment and software.....	906.0	974.8	1,035.9	1,137.4	1,259.0	1,287.8	100.00	111.57	126.01	142.40	160.15	169.75
Computers and peripheral equipment.....	101.5	112.2	117.5	137.9	153.4	138.6	100.00	142.35	201.39	279.41	355.94	398.10
Software ¹	173.7	200.7	236.4	280.3	324.5	345.5	100.00	116.25	137.85	160.73	180.67	191.64
Communication equipment.....	363.8	388.2	399.9	430.2	482.9	498.6	100.00	108.02	118.26	131.85	151.45	161.64
Instruments.....	175.0	181.9	191.3	201.3	213.7	226.6	100.00	104.07	109.35	114.95	120.96	127.52
Photocopy and related equipment.....	71.5	70.2	69.2	66.4	63.7	58.5	100.00	99.34	99.11	94.93	90.04	83.07
Office and accounting equipment.....	20.5	21.6	21.5	21.3	20.8	19.8	100.00	105.39	106.55	102.73	101.21	97.60
Industrial equipment	1,119.1	1,156.9	1,199.5	1,240.7	1,292.7	1,328.7	100.00	102.97	106.11	108.90	112.88	115.95
Fabricated metal products.....	98.7	98.6	99.3	101.3	104.0	106.1	100.00	100.28	101.26	104.08	106.94	109.33
Engines and turbines.....	57.3	58.5	59.3	59.4	62.3	67.1	100.00	100.11	100.99	99.32	103.46	110.97
Steam engines.....	50.4	51.2	51.5	50.5	52.8	57.3	100.00	99.28	99.44	95.90	99.38	107.53
Internal combustion engines.....	6.9	7.3	7.8	8.8	9.5	9.8	100.00	106.25	112.51	124.76	133.79	136.56
Metalworking machinery.....	219.2	227.8	237.8	244.1	252.9	254.4	100.00	103.54	107.42	110.15	113.35	114.39
Special industry machinery, n.e.c. ²	253.1	262.1	274.3	282.9	296.6	303.4	100.00	103.09	106.33	109.32	114.44	117.72
General industrial, including materials handling, equipment.....	234.9	243.0	253.1	260.4	269.9	276.9	100.00	102.69	105.84	108.36	111.46	113.23
Electrical transmission, distribution, and industrial apparatus.....	255.9	266.8	275.6	292.6	306.9	320.7	100.00	104.29	108.04	111.94	116.67	121.65
Transportation equipment	690.4	716.5	764.2	816.4	873.7	898.1	100.00	104.95	111.35	118.15	125.16	128.15
Trucks, buses, and truck trailers.....	260.7	283.0	321.8	366.5	395.8	397.4	100.00	111.12	125.02	140.52	151.11	153.83
Autos.....	159.0	159.9	157.8	157.3	155.4	156.9	100.00	101.49	100.75	103.40	105.31	104.55
Aircraft.....	147.1	149.6	158.5	163.4	189.6	210.8	100.00	101.56	106.89	107.49	117.85	127.34
Ships and boats.....	46.5	46.9	46.9	46.9	48.3	49.1	100.00	99.16	98.31	96.27	96.47	96.48
Railroad equipment.....	77.1	77.1	79.1	82.3	84.6	83.8	100.00	101.34	103.91	107.32	109.74	109.07
Other equipment	636.8	671.6	712.0	749.4	790.1	820.6	100.00	104.58	110.18	114.97	120.23	123.93
Furniture and fixtures.....	178.2	189.3	200.4	213.5	228.5	236.0	100.00	104.92	111.13	117.33	124.23	127.24
Household furniture.....	9.0	9.1	9.3	9.6	10.0	10.3	100.00	100.37	102.37	105.65	109.33	111.57
Other furniture.....	169.2	180.2	191.1	203.9	218.5	225.6	100.00	105.16	111.59	117.95	125.02	128.07
Tractors.....	59.3	63.4	67.8	69.3	71.4	74.0	100.00	106.36	112.79	114.59	117.87	121.70
Farm tractors.....	48.6	51.7	54.9	55.6	56.9	58.9	100.00	105.88	111.71	112.75	115.42	119.51
Construction tractors.....	10.6	11.7	13.0	13.8	14.5	15.1	100.00	108.56	117.67	122.83	128.80	131.55
Agricultural machinery, except tractors.....	74.9	77.2	79.0	79.6	80.2	82.2	100.00	102.00	104.37	102.87	102.54	103.31
Construction machinery, except tractors.....	82.1	87.2	94.0	100.3	105.1	107.5	100.00	104.53	110.53	115.85	120.61	122.74
Mining and oilfield machinery.....	16.6	18.1	19.3	21.2	22.8	25.3	100.00	106.90	113.17	123.07	129.52	139.95
Service industry machinery.....	68.8	72.1	75.6	79.5	82.7	84.5	100.00	103.57	107.69	112.25	115.99	117.65
Electrical equipment, n.e.c. ³	44.7	46.9	50.9	53.9	58.5	63.8	100.00	106.49	116.43	125.56	137.79	151.19
Household appliances.....	2.9	2.8	2.9	2.9	2.9	3.0	100.00	99.49	100.73	102.27	104.57	107.97
Other.....	41.9	44.1	48.0	51.0	55.6	60.8	100.00	106.97	117.51	127.17	140.10	154.19
Other nonresidential equipment.....	112.2	117.4	124.2	132.2	140.9	147.2	100.00	104.39	109.56	115.27	121.30	125.87
Residential equipment	64.1	65.5	67.6	69.3	72.8	75.9	100.00	103.62	107.61	112.38	117.44	122.13
Structures	13,306.3	14,067.9	14,870.4	15,867.2	16,926.9	17,779.4	100.00	102.21	104.70	107.35	110.10	112.70
Nonresidential structures	5,175.0	5,487.0	5,746.2	6,069.9	6,480.0	6,767.2	100.00	102.04	104.33	106.70	109.30	111.56
Nonresidential buildings, excluding farm	3,285.6	3,498.9	3,740.8	4,012.5	4,296.2	4,506.6	100.00	102.71	105.66	108.59	111.63	114.11
Industrial buildings.....	729.2	765.4	806.4	843.0	878.1	898.2	100.00	101.24	102.57	102.83	102.85	102.52
Office buildings ²	756.3	804.9	865.5	936.1	1,015.8	1,075.1	100.00	102.63	106.13	109.99	114.58	118.15
Commercial buildings.....	843.8	902.7	965.3	1,035.8	1,109.2	1,165.8	100.00	103.19	106.22	109.20	112.27	115.01
Mobile structures.....	8.5	8.9	9.3	9.9	10.4	10.9	100.00	102.63	106.13	109.33	112.96	116.05
Other commercial ³	835.2	893.7	956.0	1,025.9	1,098.9	1,154.9	100.00	103.20	106.22	109.20	112.27	115.01
Religious buildings.....	145.7	153.9	163.5	176.0	189.1	199.2	100.00	101.88	104.09	107.31	110.68	113.67
Educational buildings.....	137.9	149.7	163.7	179.1	197.0	212.8	100.00	104.61	110.04	115.52	121.93	128.34
Hospital and institutional buildings.....	327.7	348.7	371.1	397.9	426.0	448.8	100.00	102.61	105.08	108.00	110.98	113.94
Other.....	345.1	373.6	405.3	444.5	481.0	506.7	100.00	104.49	109.23	114.53	119.02	122.19
Hotels and motels.....	177.5	194.8	215.3	238.7	261.8	278.3	100.00	105.90	112.59	119.38	125.77	130.34
Amusement and recreational buildings.....	92.7	101.0	109.8	119.9	129.3	135.8	100.00	105.11	109.88	114.96	118.95	121.84
Other nonfarm buildings ⁴	75.0	77.7	80.3	85.9	90.0	92.5	100.00	100.35	100.42	102.44	103.04	103.24
Utilities.....	1,229.0	1,264.7	1,283.0	1,321.6	1,383.6	1,420.3	100.00	100.87	102.20	104.18	106.33	108.39
Railroad.....	299.2	301.2	295.4	286.2	287.1	278.8	100.00	99.54	99.33	98.82	98.16	97.55
Telecommunications.....	235.3	239.5	243.0	258.7	280.5	301.9	100.00	102.15	104.16	110.96	117.70	123.44
Electric light and power.....	483.4	503.9	512.7	532.3	560.4	580.0	100.00	101.01	101.85	103.18	105.12	107.20
Gas.....	168.9	176.7	187.6	198.1	207.9	212.0	100.00	101.34	105.96	107.89	109.81	111.82
Petroleum pipelines.....	42.1	43.4	44.3	46.3	47.7	47.5	100.00	99.85	100.34	101.25	100.98	100.55
Farm related buildings and structures.....	204.4	210.7	218.1	226.8	236.8	243.3	100.00	99.42	99.00	98.72	98.88	99.01
Mining exploration, shafts, and wells.....	311.2	360.8	347.4	344.3	389.8	415.2	100.00	101.65	102.77	102.63	104.21	106.58
Petroleum and natural gas.....	277.4	325.5	311.2	307.0	351.6	376.3	100.00	101.82	103.17	103.18	105.15	107.90
Other mining.....	33.8	35.2	36.2	37.2	38.2	38.8	100.00	100.25	99.25	97.95	96.41	95.49
Other nonfarm structures ⁵	144.8	152.1	156.9	164.6	173.6	181.8	100.00	101.40	102.97	104.62	106.43	108.06
Residential structures	8,131.2	8,580.8	9,124.2	9,797.4	10,447.0	11,012.3	100.00	102.31	104.95	107.77	110.61	113.44
Housing units.....	6,624.6	6,995.2	7,449.5	8,016.1	8,545.6	9,017.7	100.00	102.25	104.85	107.64	110.39	113.14
Permanent site.....	6,483.0	6,845.0	7,289.1	7,845.4	8,369.8	8,837.3	100.00	102.19	104.75	107.50	110.27	113.08
1-to-4-unit.....	5,663.1	5,959.4	6,334.9	6,844.5	7,309.2	7,733.3	100.00	102.38	105.18	108.17	111.20	114.26
Farm.....	126.9	130.4	135.0	143.1	149.4	154.5	100.00	99.96	100.05	100.92	101.42	101.85
Nonfarm.....	5,536.2	5,829.0	6,199.9	6,701.4	7,159.8	7,578.8	100.00	102.44	105.29	108.34	111.43	114.54

C. Historical Measures

This table is derived from the "GDP and Other Major NIPA Series" tables that were published in the August 2002 issue of the SURVEY OF CURRENT BUSINESS and from the "Selected NIPA Tables" that are published in this issue. (Changes in prices are calculated from indexes expressed to three decimal places.)

Table C.1. GDP and Other Major NIPA Aggregates

[Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	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	Chain-type price indexes		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1959.....	2,319.0	2,317.4	2,332.8	7.2	6.3	21.88	21.41	21.88	21.88	1.1	1.1	1.1	1.1
1960.....	2,376.7	2,378.5	2,391.9	2.5	2.6	22.19	21.71	22.19	22.18	1.4	1.4	1.4	1.4
1961.....	2,432.0	2,435.5	2,448.8	2.3	2.4	22.43	21.94	22.44	22.43	1.1	1.1	1.1	1.1
1962.....	2,578.9	2,569.5	2,598.0	6.0	5.5	22.74	22.23	22.74	22.74	1.4	1.3	1.4	1.4
1963.....	2,690.4	2,683.6	2,710.8	4.3	4.4	22.99	22.50	22.99	22.99	1.1	1.2	1.1	1.1
1964.....	2,846.5	2,844.1	2,868.5	5.8	6.0	23.34	22.85	23.34	23.34	1.5	1.6	1.5	1.5
1965.....	3,028.5	3,008.5	3,051.7	6.4	5.8	23.77	23.26	23.78	23.77	1.9	1.8	1.9	1.9
1966.....	3,227.5	3,191.1	3,248.9	6.6	6.1	24.45	23.91	24.46	24.45	2.8	2.8	2.9	2.9
1967.....	3,308.3	3,288.2	3,330.4	2.5	3.0	25.21	24.61	25.21	25.21	3.1	2.9	3.1	3.1
1968.....	3,466.1	3,450.0	3,489.8	4.8	4.9	26.29	25.66	26.30	26.29	4.3	4.3	4.3	4.3
1969.....	3,571.4	3,555.9	3,594.1	3.0	3.1	27.59	26.92	27.59	27.59	4.9	4.9	4.9	4.9
1970.....	3,578.0	3,588.6	3,600.6	.2	.9	29.05	28.37	29.06	29.05	5.3	5.4	5.3	5.3
1971.....	3,697.7	3,688.1	3,722.9	3.3	2.8	30.52	29.84	30.52	30.52	5.0	5.2	5.0	5.1
1972.....	3,898.4	3,887.7	3,925.7	5.4	5.4	31.81	31.17	31.82	31.82	4.2	4.5	4.3	4.2
1973.....	4,123.4	4,094.3	4,161.0	5.8	5.3	33.60	32.99	33.60	33.60	5.6	5.8	5.6	5.6
1974.....	4,099.0	4,080.7	4,142.3	-6	-3	36.60	36.35	36.62	36.62	9.0	10.2	9.0	9.0
1975.....	4,084.4	4,118.5	4,117.7	-4	.9	40.03	39.69	40.03	40.03	9.4	9.2	9.3	9.3
1976.....	4,311.7	4,288.8	4,351.4	5.6	4.1	42.29	41.93	42.30	42.31	5.7	5.7	5.7	5.7
1977.....	4,511.8	4,478.8	4,556.6	4.6	4.4	45.02	44.80	45.02	45.03	6.4	6.8	6.4	6.4
1978.....	4,760.6	4,722.9	4,805.3	5.5	5.5	48.22	48.02	48.23	48.24	7.1	7.2	7.1	7.1
1979.....	4,912.1	4,894.4	4,973.9	3.2	3.6	52.24	52.26	52.25	52.26	8.3	8.8	8.3	8.3
1980.....	4,900.9	4,928.1	4,962.3	-2	.7	57.05	57.79	57.04	57.05	9.2	10.6	9.2	9.2
1981.....	5,021.0	4,989.5	5,075.4	2.5	1.2	62.37	63.05	62.37	62.38	9.3	9.1	9.3	9.3
1982.....	4,919.3	4,954.9	4,973.6	-2.0	-7	66.26	66.71	66.25	66.26	6.2	5.8	6.2	6.2
1983.....	5,132.3	5,154.5	5,184.9	4.3	4.0	68.87	69.05	68.88	68.89	3.9	3.5	4.0	4.0
1984.....	5,505.2	5,427.9	5,553.8	7.3	5.3	71.44	71.46	71.44	71.45	3.7	3.5	3.7	3.7
1985.....	5,717.1	5,698.8	5,750.9	3.8	5.0	73.69	73.56	73.69	73.70	3.2	2.9	3.2	3.2
1986.....	5,912.4	5,912.6	5,932.5	3.4	3.8	75.32	75.22	75.31	75.32	2.2	2.3	2.2	2.2
1987.....	6,113.3	6,088.8	6,130.8	3.4	3.0	77.58	77.70	77.58	77.58	3.0	3.3	3.0	3.0
1988.....	6,368.4	6,352.6	6,391.1	4.2	4.3	80.22	80.36	80.21	80.22	3.4	3.4	3.4	3.4
1989.....	6,591.8	6,565.4	6,615.5	3.5	3.3	83.27	83.45	83.27	83.28	3.8	3.8	3.8	3.8
1990.....	6,707.9	6,695.6	6,740.0	1.8	2.0	86.53	86.85	86.51	86.53	3.9	4.1	3.9	3.9
1991.....	6,676.4	6,681.5	6,703.4	-5	-2	89.66	89.81	89.66	89.67	3.6	3.4	3.6	3.6
1992.....	6,880.0	6,867.7	6,905.8	3.0	2.8	91.85	92.03	91.84	91.84	2.4	2.5	2.4	2.4
1993.....	7,062.6	7,043.8	7,087.8	2.7	2.6	94.05	94.14	94.05	94.06	2.4	2.3	2.4	2.4
1994.....	7,347.7	7,285.8	7,364.3	4.0	3.4	96.01	96.06	96.01	96.02	2.1	2.0	2.1	2.1
1995.....	7,543.8	7,512.2	7,564.0	2.7	3.1	98.10	98.20	98.10	98.11	2.2	2.2	2.2	2.2
1996.....	7,813.2	7,783.2	7,831.2	3.6	3.6	100.00	100.00	100.00	100.00	1.9	1.8	1.9	1.9
1997.....	8,159.5	8,095.2	8,168.1	4.4	4.0	101.95	101.64	101.95	101.93	1.9	1.6	1.9	1.9
1998.....	8,508.9	8,431.8	8,508.4	4.3	4.2	103.20	102.43	103.20	103.17	1.2	.8	1.2	1.2
1999.....	8,859.0	8,793.9	8,883.7	4.1	4.3	104.69	103.97	104.69	104.65	1.4	1.5	1.4	1.4
2000.....	9,191.4	9,121.1	9,216.2	3.8	3.7	106.89	106.58	106.89	106.86	2.1	2.5	2.1	2.1
2001.....	9,214.5	9,258.4	9,237.3	.3	1.5	109.42	108.65	109.42	109.38	2.4	1.9	2.4	2.4
1959: I.....	2,273.0	2,275.1	2,286.2	8.6	9.1	21.79	21.33	21.83	21.82	.9	1.2	.1	.1
1959: II.....	2,332.4	2,314.9	2,345.5	10.9	7.2	21.84	21.37	21.83	21.83	.9	.9	.1	.1
1959: III.....	2,331.4	2,344.3	2,345.5	-2	5.2	21.90	21.43	21.88	21.88	1.2	1.1	.9	.9
1959: IV.....	2,339.1	2,335.5	2,354.1	1.3	-1.5	21.99	21.52	21.98	21.98	1.7	1.7	1.8	1.8
1960: I.....	2,391.0	2,360.4	2,405.4	9.2	4.3	22.04	21.57	22.08	22.07	.9	.8	1.7	1.8
1960: II.....	2,379.2	2,382.7	2,393.9	-2.0	3.8	22.14	21.66	22.15	22.15	1.7	1.8	1.4	1.3
1960: III.....	2,383.6	2,380.0	2,398.9	.7	-5	22.23	21.76	22.23	22.23	1.8	1.8	1.5	1.5
1960: IV.....	2,352.9	2,391.1	2,369.3	-5.0	1.9	22.33	21.86	22.30	22.29	1.8	1.9	1.2	1.1
1961: I.....	2,366.5	2,392.9	2,383.7	2.3	.3	22.36	21.88	22.35	22.34	.5	.4	1.0	1.0
1961: II.....	2,410.8	2,418.3	2,427.1	7.7	4.3	22.40	21.91	22.40	22.39	.7	.5	.8	.8
1961: III.....	2,450.4	2,437.7	2,467.2	6.8	3.2	22.45	21.96	22.46	22.45	.9	.9	1.1	1.1
1961: IV.....	2,500.4	2,493.2	2,517.5	8.4	9.4	22.51	22.01	22.53	22.53	1.0	.9	1.4	1.4
1962: I.....	2,544.0	2,522.5	2,561.0	7.2	4.8	22.64	22.13	22.67	22.67	2.4	2.2	2.5	2.5
1962: II.....	2,571.5	2,564.6	2,590.3	4.4	6.8	22.71	22.20	22.71	22.70	1.1	1.3	.6	.6
1962: III.....	2,596.8	2,586.2	2,615.7	4.0	3.4	22.77	22.26	22.76	22.75	1.1	1.0	1.0	1.0
1962: IV.....	2,603.3	2,604.6	2,625.1	1.0	2.9	22.84	22.34	22.83	22.83	1.4	1.4	1.3	1.3
1963: I.....	2,634.1	2,619.3	2,654.8	4.8	2.3	22.93	22.42	22.91	22.90	1.4	1.6	1.3	1.3
1963: II.....	2,668.4	2,663.9	2,688.2	5.3	7.0	22.95	22.45	22.94	22.93	.3	.4	.6	.6
1963: III.....	2,719.6	2,712.0	2,739.8	7.9	7.4	22.98	22.49	22.98	22.97	.6	.8	.6	.6
1963: IV.....	2,739.4	2,739.6	2,760.3	2.9	4.1	23.12	22.63	23.16	23.15	2.5	2.6	3.2	3.2
1964: I.....	2,800.5	2,799.3	2,823.2	9.2	9.0	23.20	22.72	23.22	23.22	1.4	1.5	1.2	1.2
1964: II.....	2,833.8	2,833.5	2,855.7	4.8	5.0	23.27	22.79	23.28	23.27	1.2	1.3	.9	.9
1964: III.....	2,872.0	2,868.3	2,894.7	5.5	5.0	23.39	22.90	23.37	23.37	2.0	1.8	1.6	1.6
1964: IV.....	2,879.5	2,875.5	2,900.5	1.0	1.0	23.49	22.99	23.49	23.48	1.8	1.7	2.0	2.0

Table C.1. GDP and Other Major NIPA Aggregates
 [Quarterly estimates are seasonally adjusted at annual rates]

Year and quarter	Billions of chained (1996) dollars			Percent change from preceding period		Chain-type price indexes		Implicit price deflators		Percent change from preceding period			
	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	Chain-type price indexes		Implicit price deflators	
										Gross domestic product	Gross domestic purchases	Gross domestic product	Gross national product
1965: I.....	2,950.1	2,920.2	2,974.0	10.2	6.4	23.60	23.08	23.61	23.60	1.9	1.6	2.1	2.1
II.....	2,989.9	2,973.2	3,014.6	5.5	7.4	23.71	23.19	23.71	23.71	1.8	1.8	1.8	1.8
III.....	3,050.7	3,029.4	3,073.6	8.4	7.8	23.81	23.30	23.81	23.80	1.9	1.9	1.5	1.5
IV.....	3,123.6	3,111.4	3,144.5	9.9	11.3	23.97	23.46	23.97	23.97	2.6	2.9	2.8	2.8
1966: I.....	3,201.1	3,165.1	3,222.6	10.3	7.1	24.11	23.59	24.13	24.12	2.4	2.1	2.6	2.6
II.....	3,213.2	3,180.0	3,234.8	1.5	1.9	24.33	23.81	24.32	24.32	3.8	3.8	3.3	3.3
III.....	3,233.6	3,205.0	3,254.7	2.6	3.2	24.57	24.03	24.58	24.58	4.0	3.7	4.3	4.3
IV.....	3,261.8	3,214.5	3,283.7	3.5	1.2	24.79	24.22	24.79	24.79	3.5	3.3	3.5	3.5
1967: I.....	3,291.8	3,246.9	3,313.4	3.7	4.1	24.90	24.32	24.89	24.89	1.9	1.6	1.6	1.6
II.....	3,289.7	3,281.5	3,310.7	-3	4.3	25.06	24.47	25.05	25.04	2.5	2.5	2.5	2.5
III.....	3,313.5	3,297.4	3,336.6	2.9	2.0	25.29	24.70	25.31	25.31	3.8	3.8	4.3	4.3
IV.....	3,338.3	3,326.9	3,360.8	3.0	3.6	25.57	24.96	25.59	25.59	4.4	4.3	4.5	4.5
1968: I.....	3,406.2	3,394.2	3,429.2	8.4	8.3	25.86	25.24	25.88	25.87	4.6	4.6	4.5	4.5
II.....	3,464.8	3,428.5	3,488.3	7.1	4.1	26.15	25.51	26.14	26.14	4.5	4.2	4.1	4.1
III.....	3,489.2	3,478.1	3,513.4	2.8	5.9	26.39	25.77	26.39	26.39	4.1	3.9	3.9	3.9
IV.....	3,504.1	3,499.5	3,528.1	1.7	2.5	26.76	26.13	26.76	26.76	3.8	5.7	5.7	5.7
1969: I.....	3,558.3	3,535.0	3,582.2	6.3	4.1	27.02	26.37	27.03	27.03	3.9	3.8	4.1	4.1
II.....	3,567.6	3,551.3	3,590.6	1.0	1.9	27.39	26.73	27.39	27.38	5.5	5.6	5.3	5.3
III.....	3,588.3	3,569.0	3,610.3	2.3	2.0	27.79	27.11	27.79	27.79	6.0	5.8	6.0	6.0
IV.....	3,571.4	3,568.3	3,593.3	-1.9	-1	28.15	27.46	28.15	28.15	5.3	5.3	5.3	5.3
1970: I.....	3,566.5	3,578.9	3,589.1	-6	1.2	28.54	27.85	28.54	28.54	5.6	5.8	5.8	5.8
II.....	3,573.9	3,573.2	3,597.4	.8	-6	28.94	28.24	28.94	28.94	5.8	5.6	5.7	5.7
III.....	3,605.2	3,605.0	3,628.3	3.6	3.6	29.17	28.51	29.18	29.17	3.2	3.9	3.3	3.3
IV.....	3,565.5	3,597.4	3,587.6	-4.2	-8	29.55	28.89	29.56	29.56	5.3	5.5	5.3	5.3
1971: I.....	3,666.1	3,643.1	3,691.3	11.6	5.2	30.00	29.31	30.00	30.00	6.1	6.0	6.1	6.1
II.....	3,686.2	3,667.8	3,712.8	-2.2	2.7	30.40	29.71	30.40	30.40	5.5	5.5	5.4	5.4
III.....	3,714.5	3,698.9	3,738.4	3.1	3.4	30.71	30.04	30.71	30.71	4.1	4.6	4.2	4.2
IV.....	3,723.8	3,742.5	3,749.2	1.0	4.8	30.96	30.30	30.96	30.96	3.3	3.5	3.3	3.3
1972: I.....	3,796.9	3,802.2	3,823.4	8.1	6.5	31.42	30.76	31.41	31.41	6.1	6.1	5.8	5.8
II.....	3,883.8	3,862.7	3,910.0	9.5	6.5	31.61	30.98	31.61	31.61	2.5	2.9	2.6	2.6
III.....	3,922.3	3,897.2	3,950.7	4.0	3.6	31.92	31.30	31.92	31.92	4.0	4.2	4.0	4.0
IV.....	3,990.5	3,988.5	4,018.7	7.1	9.7	32.30	31.67	32.32	32.32	4.8	4.8	5.1	5.1
1973: I.....	4,092.3	4,075.5	4,125.0	10.6	9.0	32.73	32.09	32.71	32.71	5.4	5.4	4.9	4.9
II.....	4,133.3	4,094.4	4,168.3	4.1	1.9	33.27	32.69	33.25	33.25	6.8	7.7	6.9	6.9
III.....	4,117.0	4,100.7	4,158.0	-1.6	6	33.90	33.29	33.86	33.86	7.9	7.6	7.5	7.5
IV.....	4,151.1	4,106.3	4,192.5	3.4	5	34.48	33.91	34.58	34.58	7.0	7.6	8.7	8.7
1974: I.....	4,119.3	4,101.8	4,168.1	-3.0	-4	35.18	34.80	35.20	35.20	8.4	10.9	7.4	7.4
II.....	4,130.4	4,105.6	4,176.5	1.1	4	35.97	35.79	36.02	36.02	9.2	11.9	9.6	9.6
III.....	4,084.5	4,089.8	4,126.5	-4.4	-1.5	37.07	36.87	37.09	37.08	12.8	12.7	12.4	12.4
IV.....	4,062.0	4,025.8	4,098.0	-2.2	-6.1	38.20	37.93	38.20	38.19	12.7	12.0	12.5	12.5
1975: I.....	4,010.0	4,054.7	4,040.1	-5.0	2.9	39.08	38.76	39.08	39.08	9.6	9.0	9.6	9.6
II.....	4,045.2	4,099.2	4,075.6	3.6	4.5	39.63	39.33	39.63	39.63	5.8	6.0	5.7	5.7
III.....	4,115.4	4,135.9	4,148.4	7.1	3.6	40.35	39.99	40.33	40.33	7.5	7.0	7.3	7.3
IV.....	4,167.2	4,184.3	4,206.7	5.1	4.8	41.05	40.67	41.05	41.05	7.1	6.9	7.3	7.3
1976: I.....	4,266.1	4,248.8	4,304.2	9.8	6.3	41.49	41.11	41.50	41.50	4.3	4.4	4.5	4.5
II.....	4,301.5	4,264.1	4,341.2	3.4	1.4	41.93	41.56	41.92	41.92	4.3	4.5	4.1	4.1
III.....	4,321.9	4,289.7	4,362.0	1.9	2.4	42.51	42.18	42.50	42.50	5.6	6.1	5.7	5.7
IV.....	4,357.4	4,352.4	4,398.4	3.3	6.0	43.25	42.88	43.27	43.28	7.1	6.8	7.4	7.4
1977: I.....	4,410.5	4,393.8	4,457.6	5.0	3.9	43.97	43.68	43.97	43.97	6.9	7.7	6.6	6.6
II.....	4,489.8	4,464.0	4,535.9	7.4	6.5	44.69	44.45	44.69	44.71	6.7	7.2	6.8	6.8
III.....	4,570.6	4,509.7	4,616.4	7.4	4.2	45.32	45.14	45.23	45.25	5.8	6.4	4.9	4.9
IV.....	4,576.1	4,547.5	4,616.6	.5	3.4	46.08	45.92	46.16	46.17	6.9	7.0	8.5	8.4
1978: I.....	4,588.9	4,552.0	4,636.0	1.1	.4	46.86	46.67	46.86	46.87	6.9	6.8	6.2	6.2
II.....	4,765.7	4,730.8	4,804.8	16.3	16.7	47.79	47.60	47.77	47.78	8.2	8.2	8.0	8.0
III.....	4,811.7	4,774.7	4,854.6	3.9	3.8	48.64	48.45	48.60	48.61	7.3	7.3	7.1	7.1
IV.....	4,876.0	4,834.2	4,925.8	5.5	5.1	49.62	49.37	49.59	49.60	8.3	7.8	8.4	8.4
1979: I.....	4,888.3	4,855.1	4,939.6	1.0	1.7	50.58	50.38	50.55	50.56	8.0	8.4	7.9	7.9
II.....	4,891.4	4,852.9	4,949.3	.3	-2	51.73	51.58	51.71	51.72	9.0	9.9	9.5	9.5
III.....	4,926.2	4,921.9	4,995.6	2.9	5.8	52.79	52.89	52.81	52.82	8.5	10.5	8.8	8.8
IV.....	4,942.6	4,947.7	5,011.4	1.3	2.1	53.86	54.20	53.90	53.90	8.3	10.3	8.5	8.5
1980: I.....	4,958.9	4,961.4	5,028.8	1.3	1.1	55.08	55.73	55.11	55.12	9.4	11.8	9.3	9.3
II.....	4,857.8	4,861.6	4,922.5	-7.9	-7.8	56.35	57.14	56.34	56.35	9.5	10.5	9.2	9.2
III.....	4,850.3	4,923.9	4,911.3	-6	5.2	57.62	58.43	57.60	57.61	9.4	9.3	9.2	9.2
IV.....	4,936.6	4,965.2	4,986.3	7.3	3.4	59.16	59.89	59.13	59.14	11.1	10.4	11.0	11.1
1981: I.....	5,032.5	4,985.6	5,086.4	8.0	1.7	60.67	61.42	60.66	60.67	10.6	10.7	10.8	10.8
II.....	4,997.3	4,995.9	5,048.1	-2.8	.8	61.75	62.53	61.76	61.77	7.3	7.4	7.5	7.5
III.....	5,056.8	5,003.5	5,110.5	4.9	.6	62.95	63.56	62.95	62.97	8.0	6.7	8.0	8.0
IV.....	4,997.1	4,972.9	5,056.8	-4.6	-2.4	64.10	64.70	64.10	64.11	7.5	7.4	7.5	7.5
1982: I.....	4,914.3	4,959.7	4,969.4	-6.5	-1.1	65.00	65.56	64.99	65.00	5.8	5.4	5.7	5.7
II.....	4,935.5	4,954.2	4,996.9	1.7	-4	65.84	66.29	65.83	65.84	5.3	4.6	5.3	5.2
III.....	4,912.1	4,916.8	4,963.4	-1.9	-3.0	66.75	67.16	66.75	66.76	5.6	5.4	5.7	5.7
IV.....	4,915.6	4,989.1	4,964.8	.3	6.0	67.44	67.83	67.45	67.46	4.2	4.0	4.3	4.3
1983: I.....	4,972.4	5,036.1	5,021.5	4.7	3.8	67.98	68.22	67.95	67.96	3.3	2.3	3.0	3.0
II.....	5,089.8	5,113.1	5,142.2	9.8	6.3	68.59	68.80	68.56	68.57	3.6	3.5	3.7	3.7
III.....	5,180.4	5,200.3	5,233.9	7.3	7.0	69.17	69.35	69.16	69.18	3.4	3.2	3.6	3.6
IV.....	5,286.8	5,268.5	5,342.0	8.5	5.4	69.75	69.83	69.77	69.79	3.4	2.8	3.6	3.6

Table C.1. GDP and Other Major NIPA Aggregates
[Quarterly estimates are seasonally adjusted at annual rates]

Table with 15 columns: Year and quarter, Billions of chained (1996) dollars (Gross domestic product, Final sales of domestic product, Gross national product), Percent change from preceding period (Gross domestic product, Final sales of domestic product), Chain-type price indexes (Gross domestic product, Gross domestic purchases), Implicit price deflators (Gross domestic product, Gross national product), Percent change from preceding period (Chain-type price indexes: Gross domestic product, Gross domestic purchases; Implicit price deflators: Gross domestic product, Gross national product).

D. Domestic Perspectives

This table presents data collected from other government agencies and private organizations, as noted. Quarterly data are shown in the middle month of the quarter.

Table D.1. Domestic Perspectives

	2000	2001	2001					2002								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
Consumer and producer prices, (monthly data seasonally adjusted) ¹																
Consumer price index for all urban consumers, 1982=100:																
All items	172.2	177.1	177.4	178.1	177.6	177.5	177.3	177.6	178.0	178.6	179.5	179.5	179.7	179.9	180.5	180.8
Less food and energy	181.3	186.1	186.7	187.1	187.4	188.1	188.3	188.6	189.1	189.3	189.8	190.1	190.2	190.5	191.1	191.3
Services	195.3	203.4	204.5	204.6	204.8	205.6	206.1	206.8	207.4	207.7	208.4	209.2	209.5	210.0	210.8	211.2
Producer price index, 1982=100:																
Finished goods	138.0	140.7	140.6	141.1	139.2	138.3	137.8	137.8	138.1	139.3	139.1	138.5	138.8	138.5	138.5	138.6
Less food and energy	148.0	150.0	150.4	150.6	150.0	150.1	150.4	150.1	150.3	150.2	150.3	150.3	150.6	150.1	149.9	150.0
Finished consumer goods	138.2	141.5	141.2	141.8	139.6	138.4	137.7	137.8	138.2	139.9	139.6	138.8	139.2	139.0	139.0	139.1
Capital equipment	138.8	139.7	140.0	140.1	139.5	139.4	139.6	139.5	139.6	139.5	139.2	139.1	139.4	138.9	138.7	138.7
Intermediate materials	129.2	129.7	129.2	129.3	127.6	126.7	125.9	125.6	125.3	126.5	127.2	127.2	127.6	127.8	128.3	128.9
Crude materials	120.6	121.3	112.5	107.6	98.1	102.9	95.5	99.9	98.7	103.6	108.0	108.9	105.6	106.2	107.9	108.6
Money, interest rates, and stock prices																
Money stock (monthly and quarterly data seasonally adjusted): ²																
Percent change:																
M1			0.76	4.59	-3.26	0.26	1.33	0.27	0.16	0.25	-0.93	0.55	0.60	0.66	-1.15	0.70
M2			0.72	2.10	-0.12	0.86	0.82	0.21	0.62	-0.07	-0.30	1.18	0.61	1.07	0.79	0.42
Ratio:																
Gross domestic product to M1	8.898	8.867	8.691			8.693			8.705			8.772			8.802	
Personal income to M2	1.752	1.665	1.653	1.620	1.618	1.605	1.600	1.603	1.601	1.609	1.619	1.607	1.607	1.590	1.582	1.582
Interest rates (percent, not seasonally adjusted): ²																
Federal funds rate	6.24	3.88	3.65	3.07	2.49	2.09	1.82	1.73	1.74	1.73	1.75	1.75	1.75	1.73	1.74	1.75
Discount rate on 91-day Treasury bills	5.82	3.40	3.36	2.64	2.16	1.87	1.69	1.65	1.73	1.79	1.72	1.73	1.70	1.68	1.62	1.63
Yield on high-grade corporate bonds	7.57	6.94	6.85	6.83	6.72	6.51	6.80	6.75	6.65	6.79	6.81	6.77	6.57	6.46	6.20	5.98
10-Year U.S. Treasury bonds	6.03	5.02	4.97	4.73	4.57	4.65	5.09	5.04	4.91	5.28	5.21	5.16	4.93	4.65	4.26	3.87
Yield on municipal bonds, 20-bond average	5.71	5.15	5.03	5.09	5.05	5.04	5.25	5.16	5.11	5.29	5.22	5.19	5.09	5.02	4.95	4.74
Mortgage commitment rate	8.06	6.97	6.95	6.82	6.62	6.66	7.07	7.00	6.89	7.01	6.99	6.81	6.65	6.49	6.29	6.09
Average prime rate charged by banks	9.23	6.91	6.67	6.28	5.53	5.10	4.84	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
Index of stock prices (not seasonally adjusted): ³																
500 common stocks, 1941-43=10	1,427.22	1,194.18	1,178.51	1,044.64	1,076.59	1,129.68	1,144.93	1,140.21	1,100.67	1,153.79	1,112.03	1,079.27	1,014.05	903.59	912.55	867.81
Labor markets (thousands, monthly and quarterly data seasonally adjusted, unless otherwise noted) ¹																
Civilian labor force	140,863	141,815	141,380	142,068	142,280	142,279	142,314	141,390	142,211	142,005	142,570	142,769	142,476	142,390	142,616	143,277
Labor force participation rates (percent):																
Males 20 and over	76.6	76.4	76.2	76.5	76.5	76.5	76.5	75.9	76.1	76.0	76.4	76.7	76.4	76.2	76.2	76.4
Females 20 and over	60.9	60.9	60.8	60.8	60.8	60.8	61.0	60.5	61.1	60.7	61.0	60.8	60.6	60.7	60.8	60.9
16-19 years of age	52.2	50.0	47.7	49.7	49.8	49.4	48.2	47.8	47.8	48.9	47.7	47.7	47.6	47.1	47.1	46.6
Civilian employment	135,208	135,073	134,408	135,004	134,615	134,253	134,055	133,468	134,319	133,894	133,976	134,417	134,053	134,045	134,474	135,185
Ratio, civilian employment to working-age population (percent)	64.5	63.8	63.4	63.6	63.3	63.1	63.0	62.6	63.0	62.8	62.8	62.9	62.7	62.6	62.8	63.0
Persons engaged in nonagricultural activities	131,903	131,929	131,282	131,823	131,412	131,099	130,809	130,195	131,073	130,768	130,823	131,320	130,942	130,763	131,286	131,887
Employees on nonagricultural payrolls	131,720	131,922	131,966	131,819	131,414	131,087	130,890	130,871	130,706	130,701	130,680	130,702	130,736	130,790	130,897	130,854
Goods-producing industries	25,669	24,944	24,776	24,675	24,511	24,353	24,261	24,130	24,041	23,975	23,905	23,870	23,861	23,812	23,787	23,749
Services-producing industries	106,051	106,978	107,190	107,144	106,903	106,734	106,629	106,741	106,665	106,726	106,775	106,832	106,875	106,978	107,110	107,105
Average weekly hours, manufacturing (hours)	41.6	40.7	40.7	40.6	40.5	40.4	40.6	40.6	40.7	41.0	40.9	40.9	41.1	40.7	40.9	40.9
Average weekly overtime hours, manufacturing (hours)	4.6	3.9	4.0	3.9	3.8	3.8	3.8	3.9	3.9	4.1	4.2	4.2	4.3	4.0	4.2	4.1
Number of persons unemployed	5,655	6,742	6,972	7,064	7,665	8,026	8,259	7,922	7,891	8,111	8,594	8,351	8,424	8,345	8,142	8,092
Unemployment rates (percent):																
Total	4.0	4.8	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7	6.0	5.8	5.9	5.9	5.7	5.6
15 weeks and over	0.9	1.2	1.3	1.3	1.4	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	2.0	2.0	2.0
Average duration of unemployment (weeks)	12.6	13.2	13.2	13.3	13.0	14.4	14.5	14.6	15.0	15.4	16.6	17.1	17.3	16.4	16.2	17.8
Nonfarm business sector, 1992=100:																
Output per hour of all persons	116.2	117.5	117.2			119.3				121.8			122.1			
Unit labor costs	114.4	116.3	116.6			115.0				113.6			114.3			
Hourly compensation	133.0	136.6	136.7			137.2				138.4			139.6			

See footnotes at the end of the table.

Table D.1. Domestic Perspectives—Continued

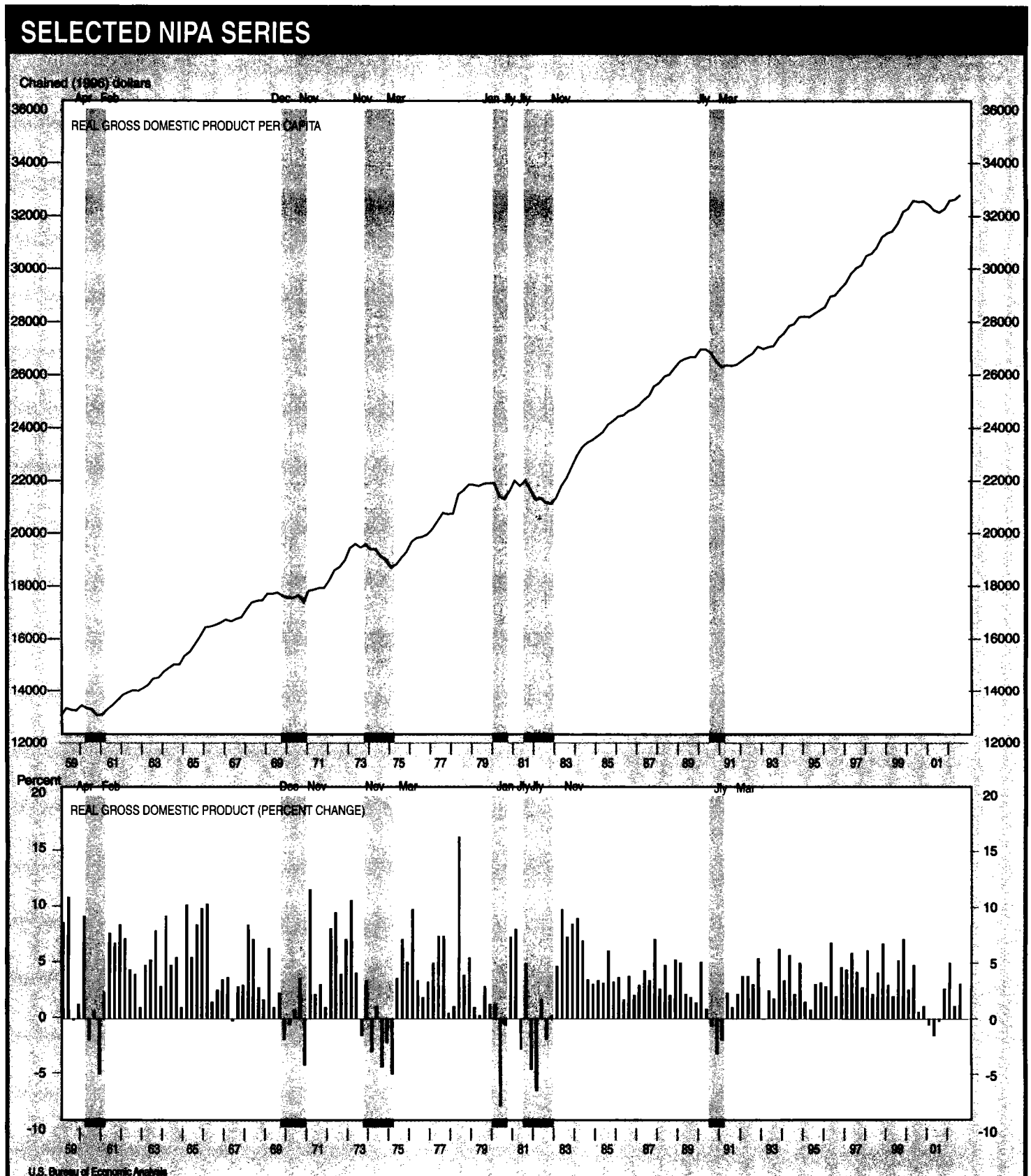
	2000	2001	2001					2002								
			Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
Construction (monthly data seasonally adjusted at annual rates)⁴																
Total new private construction put in place (billions of dollars).....	641.8	650.0	650.6	648.5	643.4	639.7	640.8	651.5	659.4	655.3	656.7	642.2	634.6	635.7	627.9	628.6
Residential.....	374.5	388.7	391.7	393.5	392.3	394.7	395.2	403.3	413.5	413.8	411.8	413.5	410.8	414.0	410.7	413.7
Nonresidential.....	208.2	201.1	195.4	192.3	190.0	185.4	184.4	185.6	183.2	178.5	179.6	170.5	166.7	163.7	158.9	156.2
Housing starts (thousands of units):																
Total.....	1,569	1,603	1,562	1,582	1,531	1,604	1,583	1,713	1,788	1,675	1,566	1,742	1,692	1,652	1,627	1,843
1-unit structures.....	1,231	1,273	1,274	1,263	1,238	1,241	1,294	1,344	1,472	1,298	1,261	1,380	1,344	1,319	1,250	1,477
New 1-family houses sold (thousands of units).....	877	908	871	856	865	938	979	870	937	915	932	974	947	952	1,017	1,021
Manufacturing and trade, inventories and sales (millions of dollars, monthly data seasonally adjusted)⁴																
Inventories:																
Total manufacturing and trade.....	1,183,102	1,108,320	1,165,208	1,158,937	1,141,500	1,129,548	1,122,990	1,122,911	1,120,288	1,116,303	1,113,864	1,116,527	1,119,454	1,124,317	1,123,608	.....
Manufacturing.....	466,269	429,097	456,084	452,041	449,047	443,805	439,162	436,648	434,087	431,434	430,153	428,592	428,230	427,996	427,924	.....
Merchant wholesalers.....	305,560	289,050	297,079	295,863	292,811	289,487	288,014	286,994	284,508	283,732	281,193	281,080	282,340	284,083	284,530	.....
Retail trade.....	411,273	390,173	412,045	411,033	399,642	396,256	395,814	399,269	401,693	401,137	402,518	406,855	408,884	412,238	411,154	.....
Sales:																
Total manufacturing and trade.....	9,935,413	9,781,327	817,149	797,312	815,570	806,128	803,854	811,196	804,624	808,644	822,615	820,227	822,795	833,564	835,554	.....
Manufacturing.....	4,124,514	3,897,730	326,654	313,222	318,134	315,079	316,191	321,171	311,476	315,593	322,962	323,736	320,810	326,101	324,214	.....
Merchant wholesalers.....	2,751,761	2,715,755	226,739	225,481	221,161	222,704	220,380	223,023	224,738	224,855	228,131	228,052	229,638	231,353	233,468	.....
Retail trade.....	3,059,138	3,167,842	263,756	258,609	276,275	268,345	267,002	268,410	268,410	268,196	271,522	268,439	272,347	276,110	277,872	.....
Industrial production indexes and capacity utilization rates (monthly data seasonally adjusted)²																
Industrial production indexes, 1992=100:																
Total.....	145.7	140.1	140.0	138.5	137.7	137.2	136.7	137.6	138.1	138.6	138.8	139.4	140.3	141.1	140.6	140.5
By industry:																
Durable manufactures.....	190.0	179.3	178.9	176.1	173.9	174.3	174.1	175.7	176.0	176.6	177.2	178.4	179.7	180.4	180.8	180.0
Nondurable manufactures.....	114.8	111.4	111.1	110.5	110.8	110.2	109.7	110.3	110.5	110.9	110.5	111.0	111.4	112.0	111.3	111.3
By market category:																
Consumer goods.....	121.9	120.7	121.4	119.9	119.6	120.0	120.6	120.6	121.2	121.7	121.4	121.4	122.3	123.2	121.8	121.7
Capacity utilization rates (percent):																
Total industry.....	81.8	76.8	76.4	75.5	75.0	74.7	74.4	74.8	75.0	75.2	75.3	75.6	76.0	76.3	76.0	75.9
Manufacturing.....	80.7	75.1	74.6	73.7	73.3	73.2	72.9	73.4	73.5	73.7	73.6	74.0	74.3	74.6	74.4	74.2
Credit market borrowing (billions of dollars, quarterly data seasonally adjusted at annual rates)²																
All sectors, by instrument:																
Total.....	1,741.3	2,020.7	2,286.2	.....	.....	2,214.7	.....	.....	1,887.5	.....	.....	2,461.3	.....	.....	.....	.....
Open market paper.....	207.6	-164.4	-163.5	.....	.....	37.8	.....	.....	-269.2	.....	.....	-167.3	.....	.....	.....	.....
U.S. government securities.....	137.6	623.8	1,027.8	.....	.....	635.2	.....	.....	731.8	.....	.....	948.4	.....	.....	.....	.....
Municipal securities.....	35.3	117.6	70.0	.....	.....	190.1	.....	.....	70.3	.....	.....	186.4	.....	.....	.....	.....
Corporate and foreign bonds.....	400.8	653.4	416.7	.....	.....	731.5	.....	.....	589.6	.....	.....	638.7	.....	.....	.....	.....
Bank loans, n.e.c.....	112.8	-75.8	-18.6	.....	.....	-162.4	.....	.....	-4.6	.....	.....	-129.3	.....	.....	.....	.....
Other loans and advances.....	142.7	50.3	115.3	.....	.....	-98.7	.....	.....	-15.8	.....	.....	65.6	.....	.....	.....	.....
Mortgages.....	565.6	705.6	767.9	.....	.....	731.2	.....	.....	704.0	.....	.....	817.0	.....	.....	.....	.....
Consumer credit.....	139.0	110.2	70.6	.....	.....	149.9	.....	.....	81.4	.....	.....	101.9	.....	.....	.....	.....

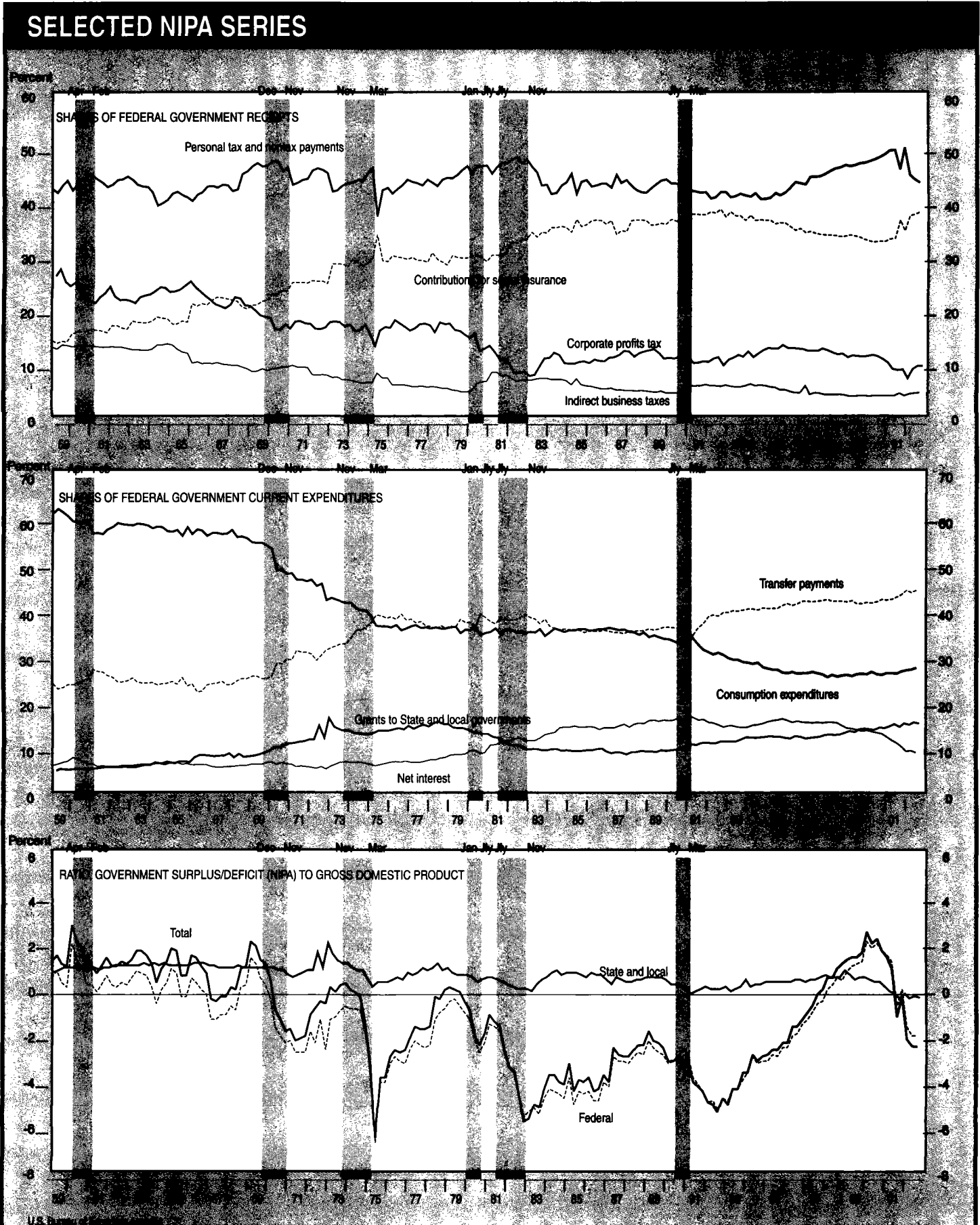
Sources:

1. Bureau of Labor Statistics
2. Federal Reserve Board3. Standard and Poor's, Inc.
4. Bureau of the Census
n.e.c. Not elsewhere classified

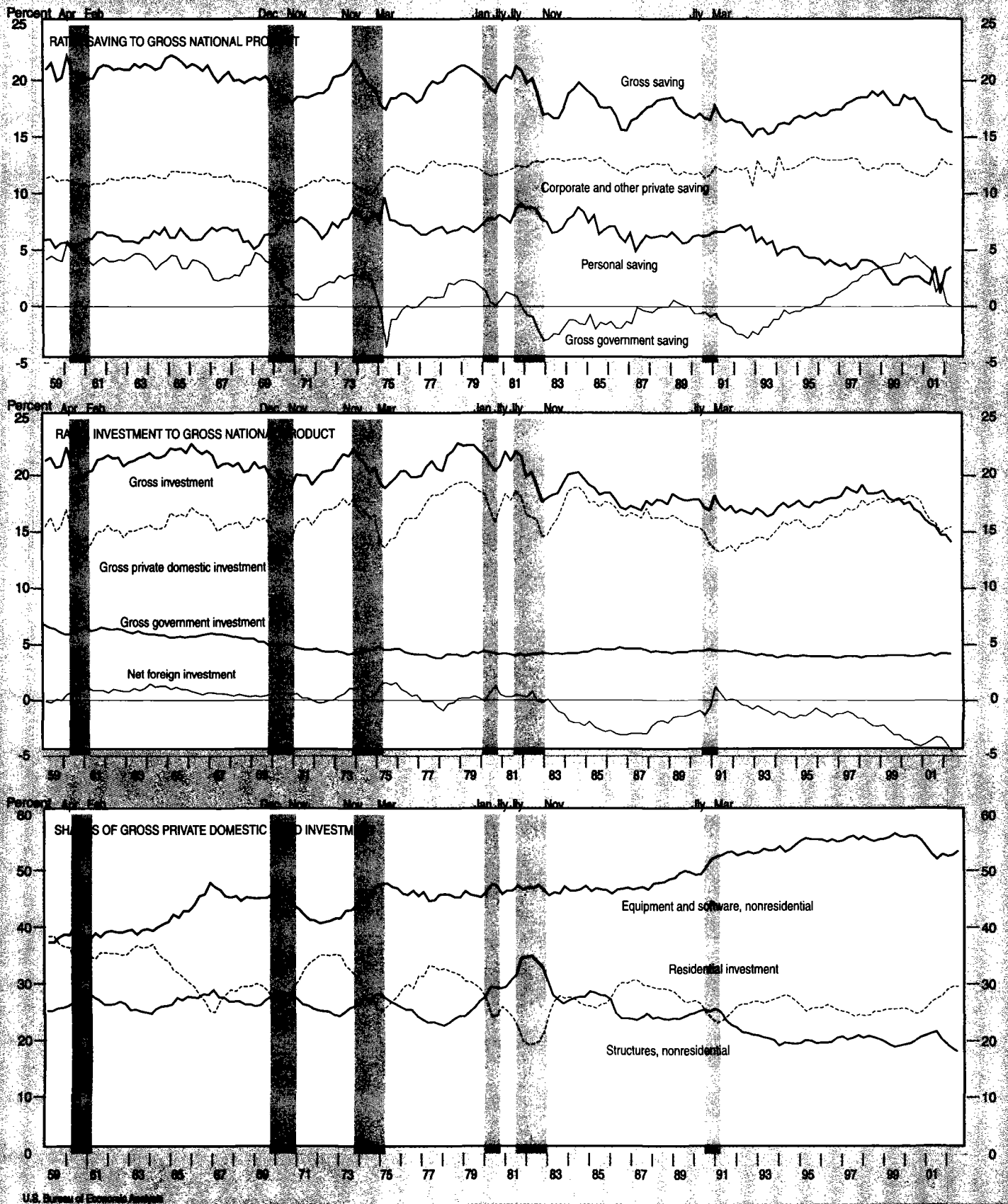
E. Charts

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

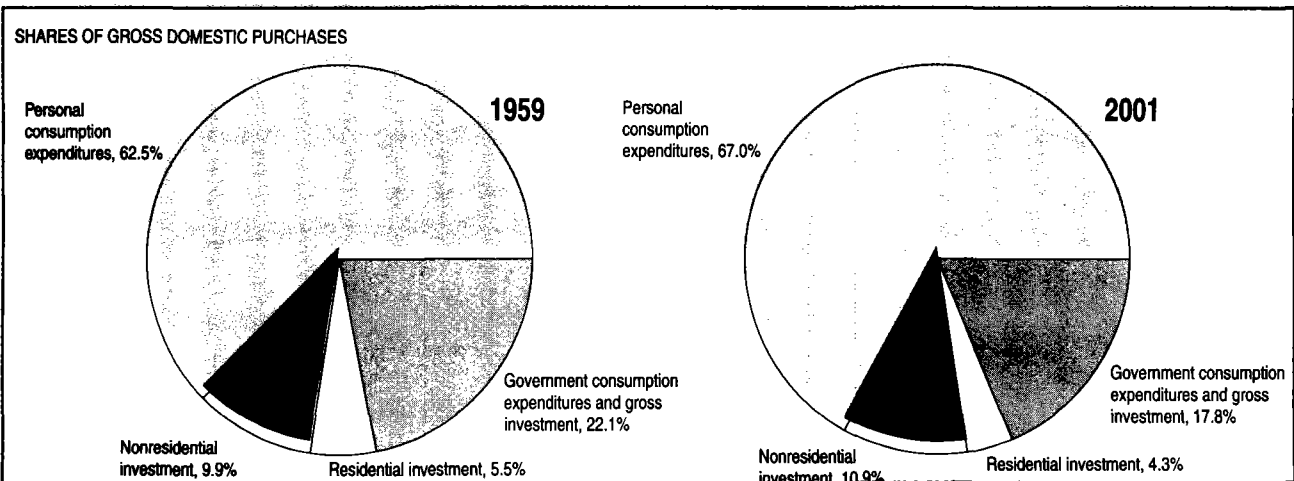
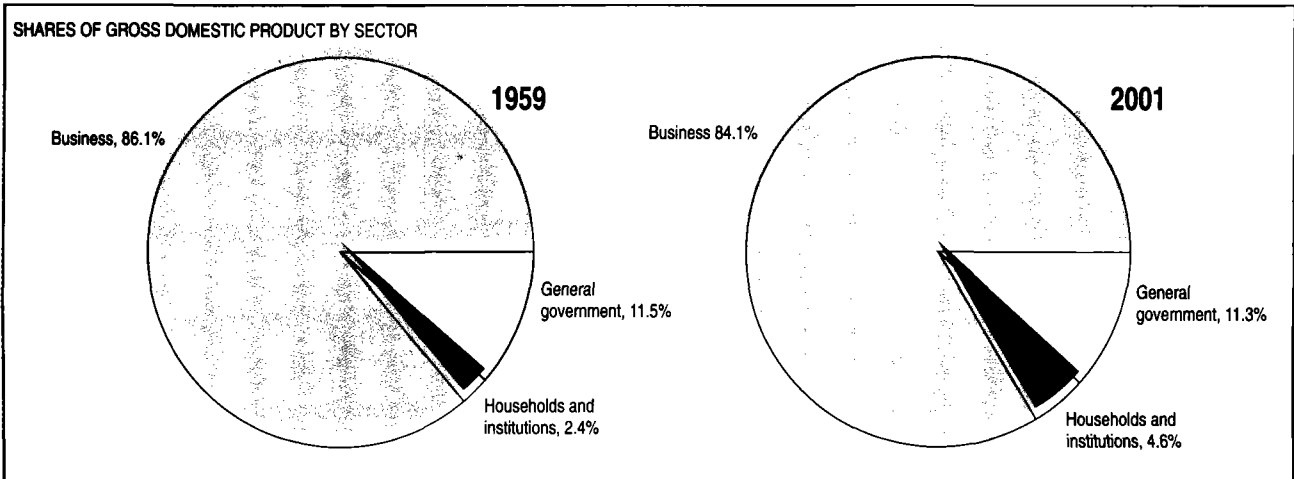
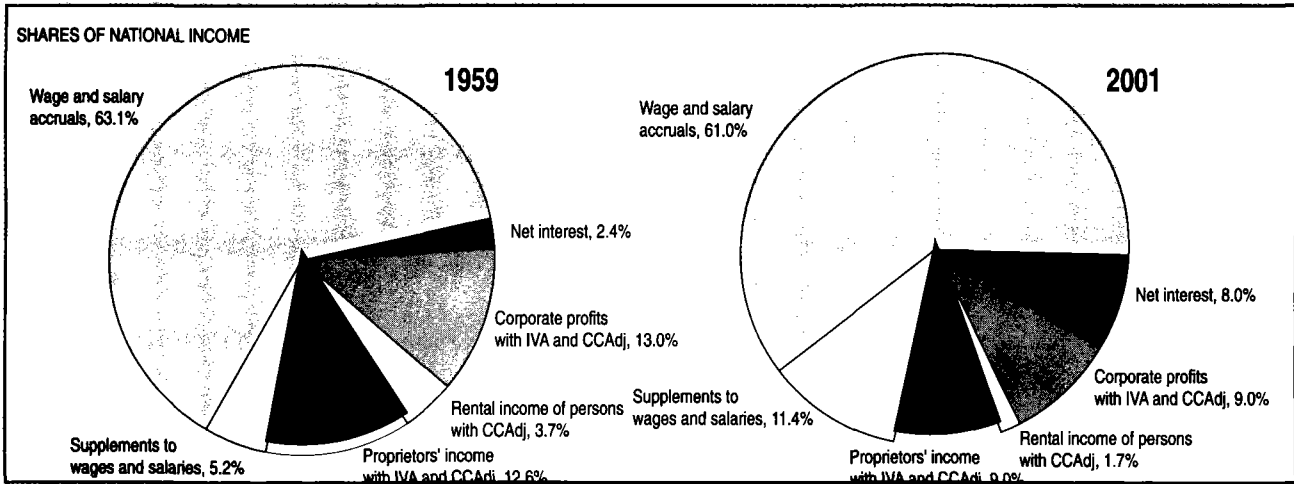




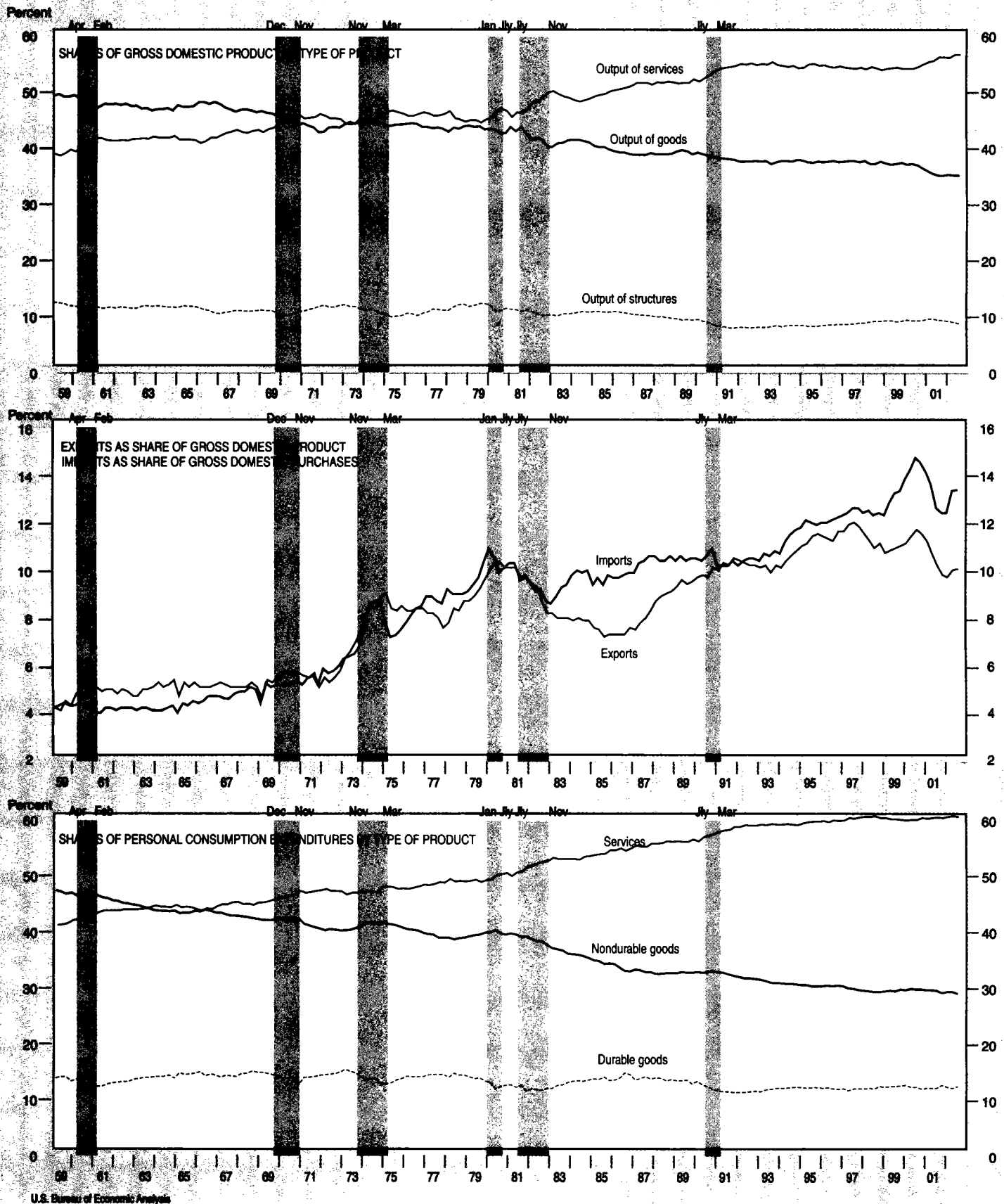
SELECTED NIPA SERIES



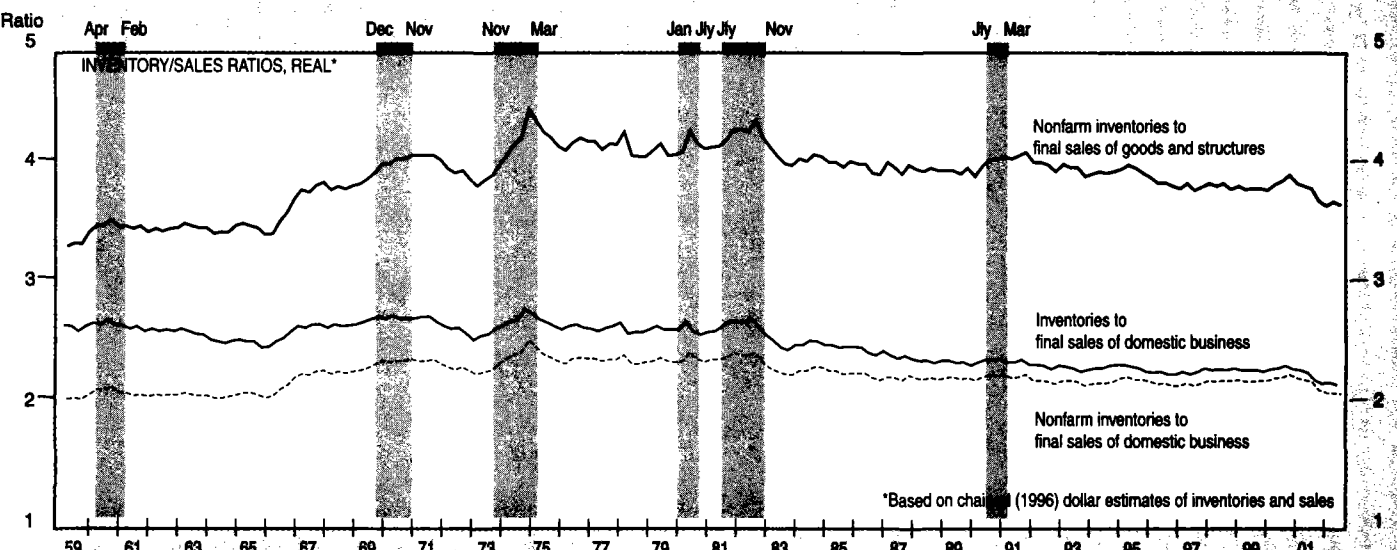
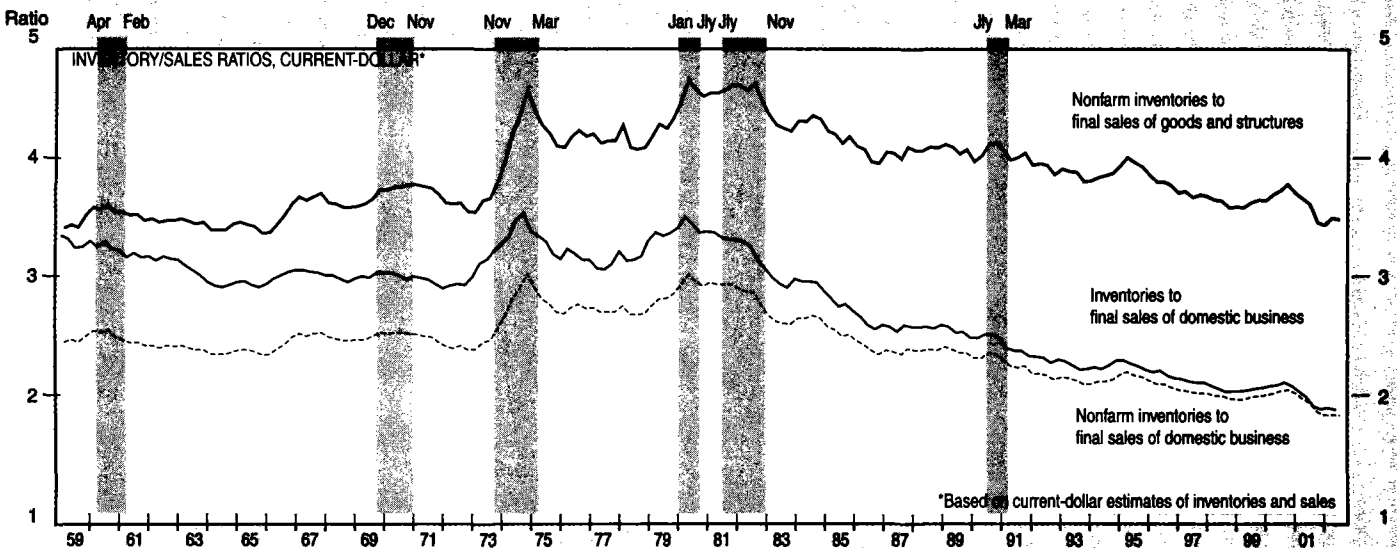
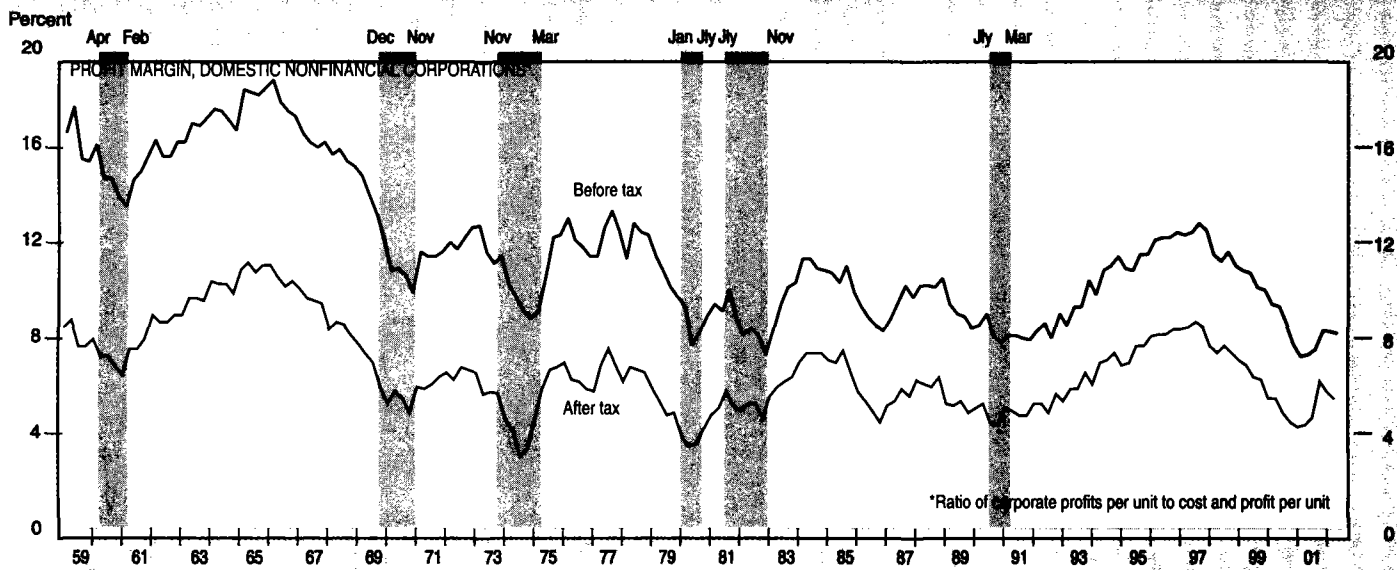
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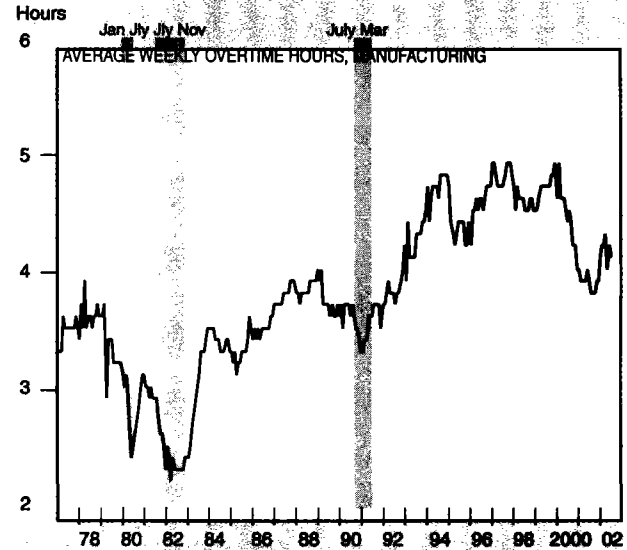
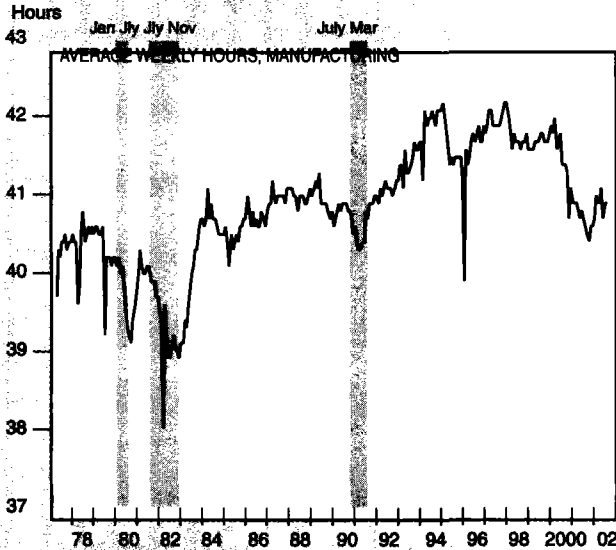
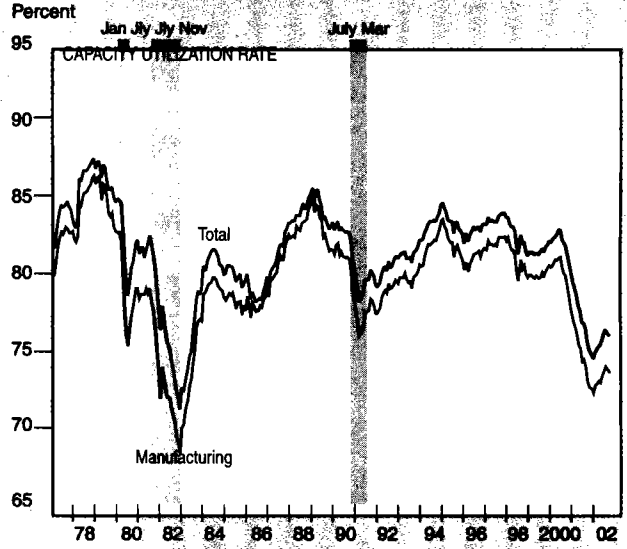
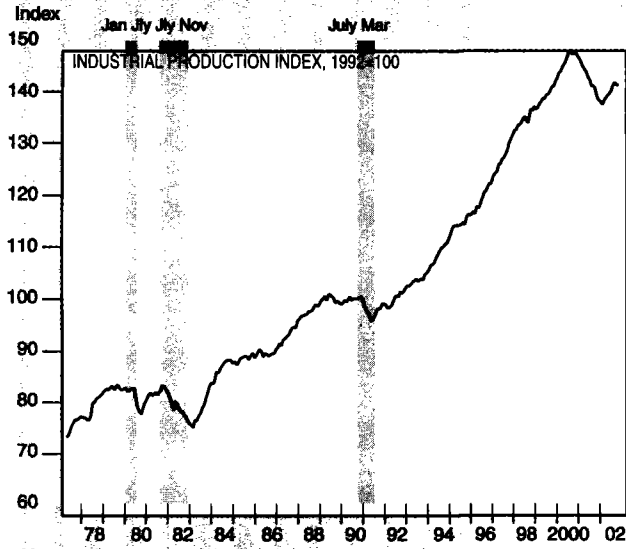
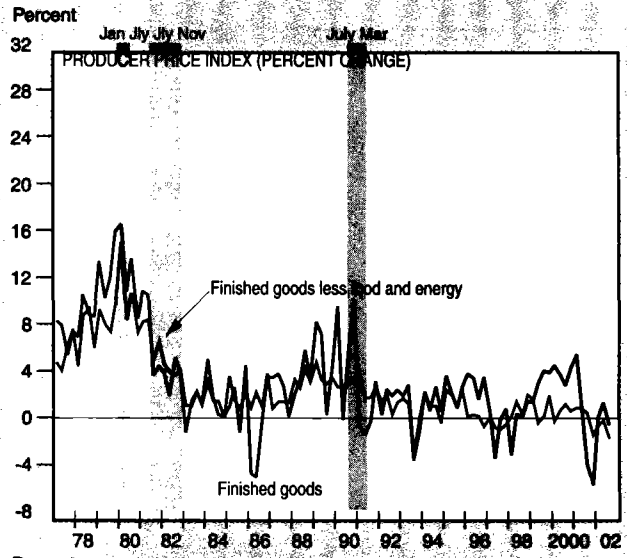
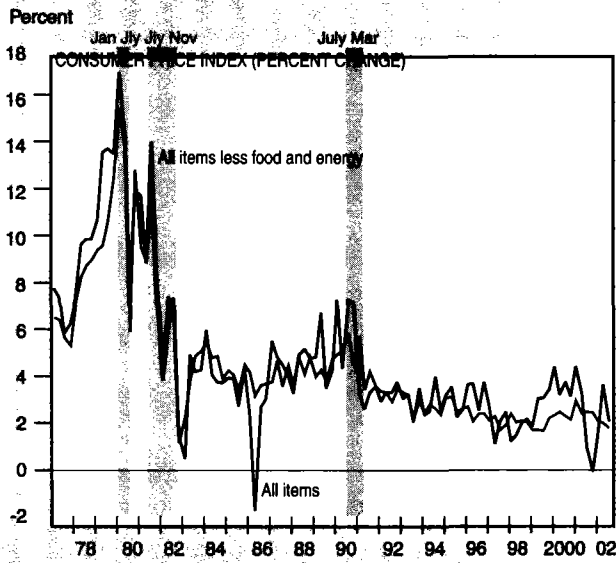
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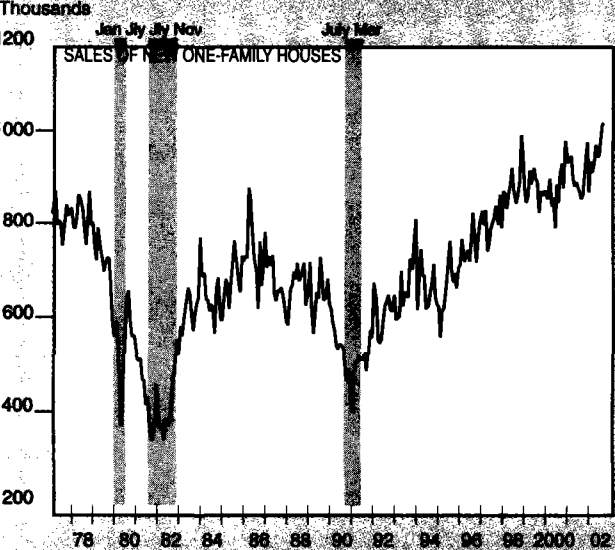
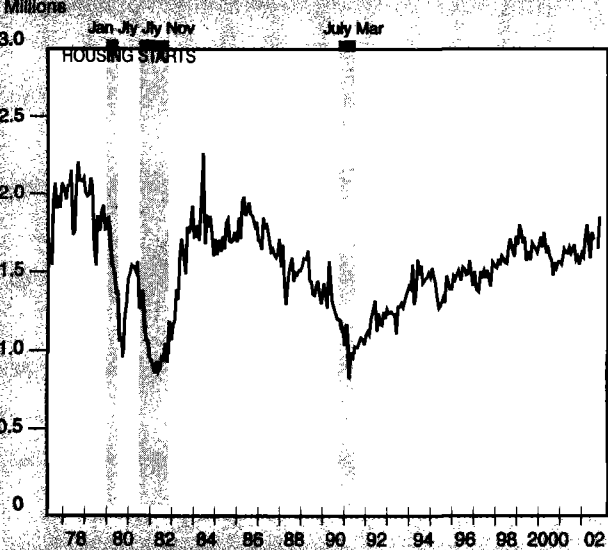
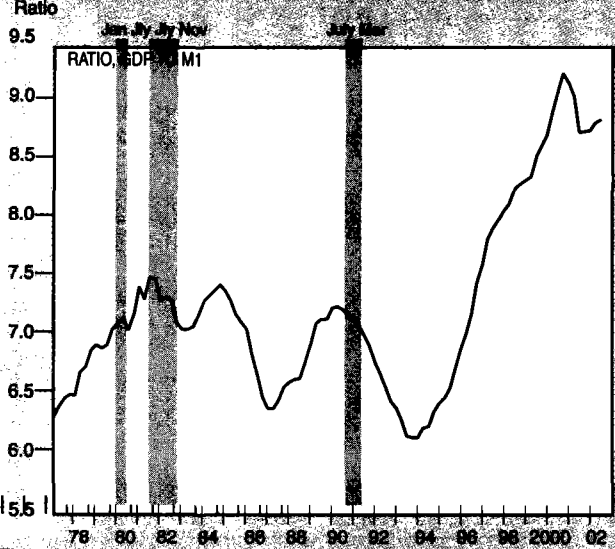
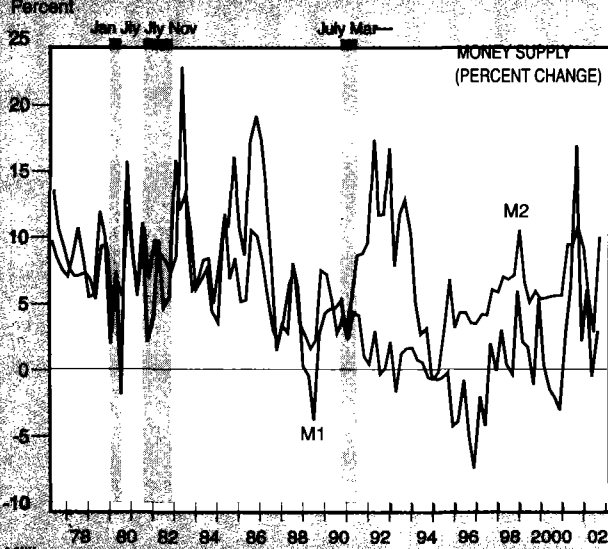
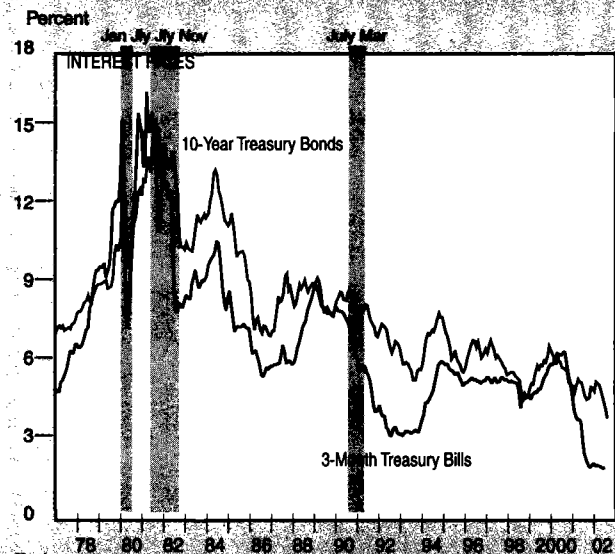
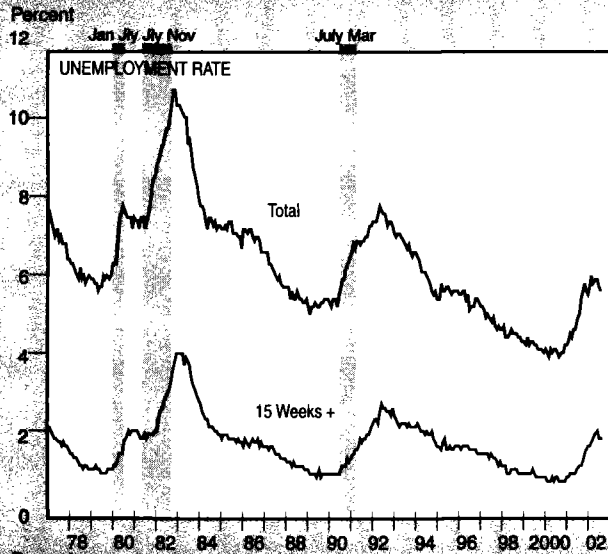


OTHER INDICATORS OF THE DOMESTIC ECONOMY



U.S. Bureau of Economic Analysis

OTHER INDICATORS OF THE DOMESTIC ECONOMY



U.S. Bureau of Economic Analysis

International Data

F. Transactions Tables

Table F.1 includes the most recent estimates of U.S. international trade in goods and services; the estimates were released on October 18, 2002, and they include "preliminary" estimates for August 2002 and "revised" estimates for July 2002. 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]

	2000	2001	2001						2002							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July ^r	Aug. ^p
Exports of goods and services.....	1,064,239	998,022	82,199	83,092	77,033	77,549	77,905	77,477	77,528	77,332	78,391	80,329	81,009	82,165	82,909	81,857
Goods.....	771,994	718,762	58,610	58,939	55,725	56,360	56,007	54,991	55,014	54,656	54,978	56,848	57,329	58,249	59,105	57,984
Foods, feeds, and beverages.....	47,871	49,407	4,040	4,157	3,995	4,149	4,168	4,104	4,232	4,289	3,901	3,891	3,993	4,258	4,305	4,001
Industrial supplies and materials.....	172,615	160,104	12,894	13,143	12,249	12,611	12,464	12,445	12,296	12,244	12,291	13,117	13,314	13,325	13,236	13,305
Capital goods, except automotive.....	356,934	321,714	26,099	25,726	24,328	24,373	24,294	23,511	23,661	23,310	24,129	24,118	24,277	25,139	25,266	24,884
Automotive vehicles, engines, and parts....	80,356	75,435	6,368	6,513	6,405	6,285	6,269	6,009	6,018	6,200	6,244	6,689	6,762	6,660	7,092	6,808
Consumer goods (nonfood), except automotive.....	89,377	88,331	7,298	7,133	6,955	7,054	6,945	7,126	6,955	6,856	6,748	7,081	6,874	7,106	7,254	7,114
Other goods.....	34,765	34,110	2,941	3,029	2,663	2,821	2,746	2,674	2,584	2,638	2,714	2,803	3,045	2,636	2,895	2,900
Adjustments ¹	-9,924	-10,339	-1,029	-763	-871	-934	-878	-878	-732	-881	-1,048	-850	-936	-875	-943	-1,028
Services.....	292,245	279,260	23,589	24,153	21,308	21,189	21,898	22,486	22,514	22,676	23,413	23,481	23,680	23,916	23,804	23,873
Travel.....	82,267	73,119	6,386	6,721	4,738	4,359	5,011	5,366	5,520	5,630	5,888	5,621	5,722	5,857	5,726	5,800
Passenger fares.....	20,760	18,007	1,613	1,754	1,155	1,120	1,198	1,311	1,373	1,376	1,422	1,353	1,420	1,436	1,419	1,455
Other transportation.....	30,137	28,306	2,359	2,443	2,166	2,296	2,199	2,179	2,249	2,225	2,331	2,340	2,339	2,348	2,305	2,323
Royalties and license fees.....	39,607	38,668	3,185	3,175	3,177	3,196	3,220	3,256	3,267	3,307	3,357	3,459	3,503	3,528	3,533	3,523
Other private services.....	104,707	108,109	8,946	8,976	8,963	9,146	9,209	9,205	9,035	9,075	9,363	9,541	9,622	9,672	9,778	9,723
Transfers under U.S. military agency sales contracts ²	13,981	12,220	1,029	1,012	1,038	1,006	997	1,105	1,005	998	987	1,101	1,008	1,008	977	982
U.S. Government miscellaneous services.....	786	831	71	72	71	66	64	64	65	65	65	66	66	67	66	67
Imports of goods and services.....	1,442,920	1,356,312	113,047	112,542	96,514	108,389	107,813	104,756	107,356	110,447	110,942	116,312	118,713	118,916	117,979	120,317
Goods.....	1,224,417	1,145,927	94,243	93,396	91,385	91,394	90,102	86,525	88,481	91,009	91,583	96,998	99,027	98,868	98,143	100,258
Foods, feeds, and beverages.....	45,979	46,641	4,024	3,928	3,984	3,966	3,983	3,821	3,870	4,029	3,975	4,075	4,144	4,132	4,243	4,218
Industrial supplies and materials.....	298,980	273,870	22,432	22,129	21,686	21,021	19,637	18,258	18,934	18,993	19,936	22,781	23,065	22,532	22,803	23,883
Capital goods, except automotive.....	347,025	297,993	23,860	23,569	22,501	22,838	22,771	22,464	22,859	23,066	23,413	23,836	24,086	24,181	23,981	23,706
Automotive vehicles, engines, and parts....	195,875	189,782	16,048	16,198	15,698	15,555	15,823	15,507	15,275	16,351	15,984	17,007	17,651	17,223	17,233	17,428
Consumer goods (nonfood), except automotive.....	281,832	284,293	23,623	23,417	23,379	23,765	23,620	22,222	23,244	24,414	23,672	25,007	25,620	26,145	25,570	26,656
Other goods.....	48,331	48,421	4,044	3,912	3,912	4,036	4,062	4,085	4,064	3,928	4,328	3,971	4,141	4,376	4,038	4,094
Adjustments ¹	6,395	4,928	212	243	225	213	206	169	235	229	274	320	321	280	275	274
Services.....	218,503	210,385	18,804	19,146	5,129	16,995	17,711	18,231	18,875	19,438	19,359	19,314	19,686	20,048	19,836	20,059
Travel.....	64,788	60,117	5,192	5,374	3,902	3,846	4,411	4,691	4,751	4,789	5,047	4,702	4,949	5,031	4,975	5,011
Passenger fares.....	24,306	22,418	2,164	2,256	1,524	1,365	1,488	1,598	1,685	1,689	1,739	1,671	1,704	1,751	1,792	1,837
Other transportation.....	41,598	38,823	3,142	3,114	2,922	3,007	2,945	3,045	3,017	2,928	2,913	3,267	3,270	3,210	3,207	3,239
Royalties and license fees.....	16,115	16,359	1,371	1,373	1,369	1,367	1,367	1,376	1,391	1,953	1,420	1,417	1,426	1,679	1,443	1,452
Other private services.....	55,253	54,588	5,475	5,529	-6,139	5,759	5,807	5,805	6,311	6,337	6,473	6,447	6,509	6,540	6,582	6,632
Direct defense expenditures ²	13,560	15,198	1,217	1,258	1,310	1,416	1,458	1,479	1,475	1,494	1,519	1,567	1,587	1,596	1,596	1,647
U.S. Government miscellaneous services.....	2,883	2,882	243	242	241	235	235	237	245	248	248	241	241	241	241	241
Memoranda:																
Balance on goods.....	-452,423	-427,165	-35,633	-34,458	-35,660	-35,034	-34,095	-31,534	-33,467	-36,353	-36,604	-40,149	-41,698	-40,619	-39,037	-42,274
Balance on services.....	73,742	68,875	4,785	5,007	16,179	4,194	4,187	4,255	3,639	3,238	4,054	4,167	3,994	3,868	3,968	3,814
Balance on goods and services.....	-378,681	-358,290	-40,418	-39,465	-19,481	-30,840	-29,908	-27,279	-29,828	-33,115	-32,550	-35,982	-37,704	-36,751	-35,069	-38,460

^p Preliminary.^r Revised.

1. Reflects adjustments necessary to bring the Census Bureau's component data in line with the concepts and definitions.

used to prepare BEA's international and national accounts.

2. Contains goods that cannot be separately identified.

Source: U.S. Bureau of Economic Analysis and U.S. Bureau of the Census.

Table F.2. U.S. International Transactions
(Millions of dollars)

Line	(Credits +, debits -) ¹	2001	Not seasonally adjusted						Seasonally adjusted					
			2001				2002		2001				2002	
			I	II	III	IV	I ^r	II ^p	I	II	III	IV	I ^r	II ^p
1	Exports of goods and services and income receipts	1,261,793	347,304	332,942	306,844	294,703	289,712	305,507	349,040	331,612	309,477	291,667	291,348	304,359
2	Exports of goods and services	998,022	263,736	258,016	239,744	236,526	231,262	244,775	266,004	256,766	242,325	232,930	233,252	243,752
3	Goods, balance of payments basis ²	718,762	192,909	187,647	167,292	170,914	163,810	175,507	193,284	184,846	173,274	167,358	164,649	172,676
4	Services ³	279,260	70,827	70,369	72,452	65,612	67,452	69,268	72,720	71,920	69,051	65,572	68,603	71,076
5	Transfers under U.S. military agency sales contracts ⁴	12,220	2,806	3,227	3,079	3,108	2,990	3,117	2,806	3,227	3,079	3,108	2,990	3,117
6	Travel	73,119	18,299	20,276	20,628	13,916	15,056	17,605	20,735	19,803	17,845	14,736	17,038	17,200
7	Passenger fares	18,007	4,639	4,788	5,100	3,480	3,842	4,156	5,007	4,849	4,522	3,629	4,171	4,209
8	Other transportation	28,306	7,163	7,168	7,308	6,667	6,523	7,022	7,495	7,170	6,968	6,674	6,805	7,027
9	Royalties and license fees ⁵	38,668	9,428	9,534	9,314	10,392	9,651	10,291	9,717	9,743	9,537	9,672	9,931	10,490
10	Other private services ⁵	108,109	28,270	25,175	26,809	27,855	29,195	26,878	26,738	26,927	26,886	27,559	27,473	28,834
11	U.S. Government miscellaneous services	831	222	201	214	194	195	199	222	201	214	194	195	199
12	Income receipts	283,771	83,568	74,926	67,100	58,177	58,450	60,732	83,036	74,846	67,152	58,737	58,096	60,607
13	Income receipts on U.S.-owned assets abroad	281,389	82,976	74,333	66,503	57,577	57,839	60,118	82,444	74,253	66,555	58,137	57,485	59,993
14	Direct investment receipts	125,996	35,713	33,217	30,084	26,982	28,946	31,326	35,270	33,078	30,211	27,436	28,879	31,145
15	Other private receipts	151,832	46,281	40,398	35,494	29,659	27,994	28,162	46,281	40,398	35,494	29,659	27,994	28,162
16	U.S. Government receipts	3,561	982	718	925	936	899	630	893	777	850	1,042	812	686
17	Compensation of employees	2,382	592	593	597	600	611	614	592	593	597	600	611	614
18	Imports of goods and services and income payments	-1,625,701	-433,352	-419,632	-394,713	-378,004	-373,988	-421,705	-445,154	-418,930	-388,448	-373,174	-387,786	-421,258
19	Imports of goods and services	-1,356,312	-351,464	-350,111	-328,351	-326,386	-315,033	-354,132	-363,164	-350,090	-322,103	-320,958	-328,744	-354,365
20	Goods, balance of payments basis ²	-1,145,927	-298,773	-290,463	-281,518	-275,173	-261,179	-293,186	-306,316	-292,565	-279,025	-268,021	-271,073	-295,316
21	Services ³	-210,385	-52,691	-59,648	-46,833	-51,213	-53,854	-60,946	-56,848	-57,525	-43,078	-52,937	-57,671	-59,049
22	Direct defense expenditures	-15,198	-3,548	-3,512	-3,785	-4,353	-4,488	-4,750	-3,548	-3,512	-3,785	-4,353	-4,488	-4,750
23	Travel	-60,117	-13,545	-18,466	-17,253	-10,853	-12,389	-16,297	-16,003	-16,698	-14,468	-12,948	-14,587	-14,682
24	Passenger fares	-22,418	-5,237	-6,763	-6,571	-3,847	-4,609	-5,635	-5,810	-6,213	-5,944	-4,451	-5,113	-5,126
25	Other transportation	-38,823	-10,064	-10,057	-9,608	-9,094	-8,457	-9,631	-10,521	-10,130	-9,178	-8,997	-8,858	-9,747
26	Royalties and license fees ⁵	-16,359	-3,990	-3,939	-3,956	-4,474	-4,653	-4,422	-4,097	-4,038	-4,113	-4,110	-4,764	-4,522
27	Other private services ⁵	-54,588	-15,584	-16,185	-14,934	-17,885	-18,517	-19,486	-16,146	-16,208	-14,864	-17,371	-19,120	-19,497
28	U.S. Government miscellaneous services	-2,382	-723	-726	-726	-707	-741	-725	-723	-726	-726	-707	-741	-725
29	Income payments	-269,389	-81,888	-69,521	-66,362	-51,618	-58,955	-67,573	-81,990	-68,840	-66,345	-52,216	-59,042	-66,893
30	Income payments on foreign-owned assets in the United States	-260,850	-79,875	-67,503	-64,174	-49,298	-56,822	-65,410	-79,881	-66,727	-64,210	-50,035	-56,803	-64,621
31	Direct investment payments	-23,401	-13,015	-6,022	-6,267	-1,903	-6,629	-14,263	-13,021	-5,246	-6,303	-1,166	-6,610	-13,474
32	Other private payments	-156,784	-45,512	-40,886	-38,156	-32,230	-31,679	-32,475	-45,512	-40,886	-38,156	-32,230	-31,679	-32,475
33	U.S. Government payments	-80,665	-21,348	-20,595	-19,751	-18,971	-18,514	-18,672	-21,348	-20,595	-19,751	-18,971	-18,514	-18,672
34	Compensation of employees	-8,539	-2,013	-2,018	-2,188	-2,320	-2,133	-2,109	-2,109	-2,113	-2,135	-2,181	-2,239	-2,272
35	Unilateral current transfers, net	-49,463	-11,827	-11,250	-12,157	-14,229	-16,361	-12,336	-11,608	-11,916	-12,360	-13,579	-18,016	-13,060
36	U.S. Government grants ⁴	-11,628	-2,419	-2,522	-2,905	-3,782	-6,273	-3,111	-2,419	-2,522	-2,905	-3,782	-6,273	-3,111
37	U.S. Government pensions and other transfers	-5,798	-1,167	-934	-1,027	-2,670	-1,330	-1,006	-1,316	-1,291	-1,305	-1,886	-1,348	-1,357
38	Private remittances and other transfers ⁶	-32,037	-8,241	-7,794	-8,225	-7,777	-8,778	-8,219	-7,873	-8,103	-8,150	-7,911	-8,395	-8,592
Capital and financial account														
Capital account														
39	Capital account transactions, net	826	208	207	206	205	208	200	208	207	206	205	208	200
Financial account														
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-370,962	-218,586	-81,594	23,140	-93,922	-28,121	-142,649	-215,815	-80,036	24,978	-100,088	-25,918	-140,833
41	U.S. official reserve assets, net	-4,911	190	-1,343	-3,559	-199	390	-1,843	190	-1,343	-3,559	-199	390	-1,843
42	Gold ⁷	-630	-189	-156	-145	-140	-109	-107	-189	-156	-145	-140	-109	-107
43	Special drawing rights	-3,600	574	-1,015	-3,242	83	652	-1,607	574	-1,015	-3,242	83	652	-1,607
44	Reserve position in the International Monetary Fund	-681	-195	-172	-172	-142	-153	-129	-195	-172	-172	-142	-153	-129
45	Foreign currencies	-486	77	-783	77	143	133	12	77	-783	77	143	133	12
46	U.S. Government assets, other than official reserve assets, net	-4,431	-1,094	-1,330	-1,011	-996	-853	-1,094	-1,330	-1,011	-996	-853	-1,094	-996
47	U.S. credits and other long-term assets	3,873	1,071	573	1,118	1,111	994	553	1,071	573	1,118	1,111	994	553
48	Repayments on U.S. credits and other long-term assets ⁸	72	100	-26	-30	28	-8	24	100	-26	-30	28	-8	24
49	U.S. foreign currency holdings and U.S. short-term assets, net	-365,565	-218,853	-79,468	26,622	-93,866	-28,644	-140,818	-216,092	-77,910	28,460	-100,032	-26,441	-139,002
50	Direct investment	-127,840	-26,285	-36,689	-43,562	-21,304	-31,483	-31,179	-23,514	-35,131	-41,724	-27,470	-29,280	-29,363
51	Foreign securities	-94,662	-26,895	-51,764	-10,087	-26,090	2,047	-9,987	-26,895	-51,764	-10,087	-26,090	2,047	-9,987
52	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-14,358	-51,759	9,670	-9,479	37,210	65	-26,976	-51,759	9,670	-9,479	37,210	65	-26,976
53	U.S. claims reported by U.S. banks, not included elsewhere	-128,705	-113,914	-685	69,576	-83,682	727	-72,676	-113,914	-685	69,576	-83,682	727	-72,676
55	Foreign-owned assets in the United States, net (increase/financial inflow (+))	752,806	303,125	182,749	18,136	248,796	113,921	222,431	302,510	181,610	17,889	250,797	113,496	221,213
56	Foreign official assets in the United States, net	5,224	4,087	-20,831	16,882	5,086	7,641	47,062	4,087	-20,831	16,882	5,086	7,641	47,062
57	U.S. Government securities	31,665	2,547	-10,866	15,594	24,390	6,714	21,741	2,547	-10,866	15,594	24,390	6,714	21,741
58	U.S. Treasury securities ⁹	10,745	-1,027	-20,798	15,810	16,760	-582	15,193	-1,027	-20,798	15,810	16,760	-582	15,193
59	Other ¹⁰	20,920	3,574	9,932	-216	7,630	7,296	6,548	3,574	9,932	-216	7,630	7,296	6,548
60	Other U.S. Government liabilities ¹¹	-1,882	-676	-791	89	-504	-790	-20	-676	-791	89	-504	-790	-20
61	U.S. liabilities reported by U.S. banks, not included elsewhere	-30,278	1,213	-10,202	-782	-20,507	991	24,415	1,213	-10,202	-782	-20,507	991	24,415
62	Other foreign official assets ¹²	5,719	1,003	1,028	1,981	1,707	726	926	1,003	1,028	1,981	1,707	726	926
63	Other foreign assets in the United States, net	747,582	299,308	203,580	1,254	243,710	106,280	175,369	298,423	202,441	1,007	245,711	105,855	174,151
64	Direct investment	130,796	44,204	52,241	14,455	19,896	16,648	2,184	43,589	51,102	14,208	21,897	16,223	966
65	U.S. Treasury securities	-7,670	-4,744	-14,685	-15,470	27,229	-7,282	1,386	-4,744	-14,685	-15,470	27,229	-7,282	1,386
66	U.S. securities other than U.S. Treasury securities	407,653	129,990	113,556	64,787	99,320	71,095	103,771	129,990	113,556	64,787	99,320	71,095	103,771
67	U.S. currency	23,783	2,311	2,772	8,203	10,497	4,525	7,183						

Table F.3. U.S. International Transactions, by Area

[Millions of dollars]

Line	(Credits +, debits -) ¹	Western Europe			European Union ¹⁴			United Kingdom			European Union (6) ¹⁵		
		2001		2002	2001		2002	2001		2002	2001		2002
		IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p
Current account													
1 Exports of goods and services and income receipts		89,569	87,531	90,304	79,700	78,477	80,365	23,100	22,578	23,567	42,976	41,948	43,283
2 Exports of goods and services		64,806	62,432	63,956	58,706	56,916	57,878	16,157	14,702	15,555	31,858	31,497	31,928
3 Goods, balance of payments basis ²		40,268	39,414	38,708	37,063	36,165	35,147	8,794	8,265	8,323	22,087	21,905	21,553
4 Services ³		24,538	23,018	25,248	21,643	20,751	22,731	7,363	6,437	7,232	9,771	9,592	10,375
5 Transfers under U.S. military agency sales contracts ⁴		768	677	851	589	567	526	80	92	78	389	284	187
6 Travel		4,620	4,179	5,400	4,259	3,770	4,908	2,154	1,583	2,149	1,448	1,517	1,916
7 Passenger fares		1,262	1,140	1,368	1,213	1,109	1,328	646	483	593	505	511	594
8 Other transportation		2,121	2,070	2,240	1,830	1,793	1,944	423	413	461	933	931	1,018
9 Royalties and license fees ⁵		4,926	4,529	4,861	4,229	4,150	4,444	947	821	845	2,042	1,871	2,001
10 Other private services ⁵		10,803	10,389	10,493	9,489	9,332	9,550	3,108	3,041	3,102	4,432	4,458	4,637
11 U.S. Government miscellaneous services		38	34	35	34	30	31	5	4	4	22	20	22
12 Income receipts		24,763	25,099	26,348	20,994	21,561	22,487	6,943	7,876	8,012	11,118	10,451	11,355
13 Income receipts on U.S.-owned assets abroad		24,722	25,058	26,307	20,956	21,523	22,449	6,923	7,856	7,992	11,105	10,438	11,342
14 Direct investment receipts		10,846	12,132	13,222	8,439	9,697	10,586	1,018	2,454	2,526	5,984	5,534	6,513
15 Other private receipts		13,604	12,662	12,908	12,266	11,607	11,707	5,809	5,402	5,466	4,979	4,752	4,829
16 U.S. Government receipts		272	264	177	251	219	156	96	96	96	142	152	133
17 Compensation of employees		41	41	41	38	38	38	20	20	20	13	13	13
18 Imports of goods and services and income payments		-103,896	-106,813	-121,918	-93,758	-95,682	-108,669	-31,179	-31,993	-35,643	-45,632	-47,091	-54,162
19 Imports of goods and services		-80,203	-76,608	-88,583	-73,007	-69,563	-79,546	-16,508	-15,500	-17,989	-42,463	-40,271	-45,533
20 Goods, balance of payments basis ²		-58,948	-55,245	-62,474	-54,605	-51,173	-56,824	-10,179	-9,132	-10,622	-32,543	-30,581	-33,550
21 Services ³		-21,255	-21,363	-26,109	-18,402	-18,390	-22,722	-6,329	-6,368	-7,367	-9,920	-9,690	-11,983
22 Direct defense expenditures		-2,291	-2,184	-2,226	-1,842	-1,795	-1,836	-165	-156	-160	-1,527	-1,506	-1,541
23 Travel		-3,311	-3,526	-6,381	-3,061	-3,290	-5,819	-1,103	-1,196	-1,566	-1,492	-1,627	-3,187
24 Passenger fares		-1,692	-2,283	-3,259	-1,580	-2,016	-2,949	-642	-771	-960	-598	-859	-1,413
25 Other transportation		-3,027	-2,745	-3,175	-2,490	-2,256	-2,633	-563	-520	-602	-1,228	-1,116	-1,328
26 Royalties and license fees ⁵		-2,447	-2,038	-2,186	-1,951	-1,535	-1,717	-517	-367	-319	-1,192	-934	-1,161
27 Other private services ⁵		-8,196	-8,300	-8,580	-7,230	-7,254	-7,509	-3,319	-3,340	-3,740	-3,685	-3,452	-3,144
28 U.S. Government miscellaneous services		-291	-287	-302	-248	-244	-259	-20	-18	-20	-198	-196	-209
29 Income payments		-23,693	-30,205	-33,335	-20,751	-26,119	-29,123	-14,671	-16,493	-17,654	-3,169	-6,820	-8,629
30 Income payments on foreign-owned assets in the United States		-23,532	-30,040	-33,183	-20,613	-25,978	-28,989	-14,636	-16,457	-17,620	-3,078	-6,727	-8,539
31 Direct investment payments		969	-5,784	-8,912	1,336	-3,754	-6,964	-757	-2,181	-3,359	3,105	-655	-2,644
32 Other private payments		-19,214	-19,177	-19,315	-17,221	-17,684	-17,621	-12,042	-12,361	-12,251	-4,224	-4,340	-4,361
33 U.S. Government payments		-5,287	-5,079	-4,956	-4,728	-4,540	-4,404	-1,837	-1,915	-2,010	-1,959	-1,732	-1,534
34 Compensation of employees		-161	-165	-152	-138	-141	-134	-35	-36	-34	-91	-93	-90
35 Unilateral current transfers, net		-426	-581	-522	46	-100	-172	402	320	333	-128	-193	-168
36 U.S. Government grants ⁴		-195	-209	-294	-12	-3	-131	.....	.....	.....	.....	.....	-3
37 U.S. Government pensions and other transfers		-485	-393	-374	-329	-331	-336	-57	-58	-55	-181	-179	-190
38 Private remittances and other transfers ⁶		254	41	146	367	234	295	459	378	388	53	-14	25
Capital and financial account													
Capital account													
39 Capital account transactions, net		32	36	37	29	33	34	5	8	8	18	20	21
Financial account													
40 U.S.-owned assets abroad, net (increase/financial outflow (-))		-10,765	-57,727	-57,511	12,308	-21,808	-52,917	4,317	-8,151	-32,427	16,342	-10,460	-19,698
41 U.S. official reserve assets, net		-141	-152	-129	-141	-152	-129	.....	.....	.....	-81	-99	-84
42 Gold ⁷	
43 Special drawing rights	
44 Reserve position in the International Monetary Fund	
45 Foreign currencies		-141	-152	-129	-141	-152	-129	.....	.....	.....	-81	-99	-84
46 U.S. Government assets, other than official reserve assets, net		170	260	126	96	155	46	56	.....	14	.....	1	16
47 U.S. credits and other long-term assets	
48 Repayments on U.S. credits and other long-term assets ⁸		170	259	115	96	155	40	56	.....	.....	.....	1	.....
49 U.S. foreign currency holdings and U.S. short-term assets, net		1	11	.....	.....	6	.....	.....	14	.....	.....	16
50 U.S. private assets, net		-10,794	-57,835	-57,508	12,353	-21,811	-52,834	4,261	-8,151	-32,441	16,423	-10,362	-19,630
51 Direct investment		-6,168	-8,857	-15,810	-3,642	-6,693	-12,955	1,149	-1,316	-1,522	-4,874	-4,010	-8,436
52 Foreign securities		-18,578	6,244	-12,635	-17,777	4,710	-13,029	-21,186	1,534	-14,293	1,594	1,344	925
53 U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns		39,045	-28,544	.....	38,620	-24,884	.....	25,292	-18,616	.....	14,564	-5,115	.....
54 U.S. claims reported by U.S. banks, not included elsewhere		-25,093	-26,678	-29,063	-4,848	5,056	-26,850	-994	10,247	-16,626	5,139	-2,581	-12,119
55 Foreign-owned assets in the United States, net (increase/financial inflow (+))		122,232	80,524	33,633	57,141	21,010	45,988	31,458	329	48,510	15,358	11,737	-8,323
56 Foreign official assets in the United States, net		-4,066	63	3,101	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
57 U.S. Government securities		(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
58 U.S. Treasury securities ⁹		(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
59 Other ¹⁰		(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
60 Other U.S. Government liabilities ¹¹		-154	-54	-105	-46	-49	132	-7	-9	13	-145	-75	63
61 U.S. liabilities reported by U.S. banks, not included elsewhere		(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
62 Other foreign official assets ¹²		(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
63 Other foreign assets in the United States, net		126,298	80,461	30,532	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
64 Direct investment		10,317	20,918	-1,513	-28,986	22,327	2,954	-2,100	3,109	-694	-27,562	15,966	2,980
65 U.S. Treasury securities		(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
66 U.S. securities other than U.S. Treasury securities		58,229	41,440	45,125	54,769	37,911	42,326	38,356	26,040	35,920	12,959	8,022	4,165
67 U.S. currency	
68 U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns		-6,755	27,838	.....	-2,582	19,499	.....	12,640	.....	.....	21,054	7,983	.....
69 U.S. liabilities reported by U.S. banks, not included elsewhere		(17)	(17)	(17)	(18) 33,986	(18) -58,678	(18) 576	(18) 19,949	(18) -41,451	(18) 13,271	(18) 19,052	(18) -20,159	(18) -15,531
70 Statistical discrepancy (sum of above items with sign reversed)		-96,746	-2,990	55,977	-55,466	18,070	35,371	-28,103	16,909	-4,348	-28,934	4,039	39,047
Memoranda:													
71 Balance on goods (lines 3 and 20)		-18,680	-15,831	-23,766	-17,542	-15,008	-21,677	-1,385	-867	-2,299	-10,456	-8,676	-11,997
72 Balance on services (lines 4 and 21)		3,283	1,655	-861	3,241	2,361	9	1,034	69	-135	-149	-78	-1,608
73 Balance on goods and services (lines 2 and 19)		-15,397	-14,176	-24,627	-14,301	-12,647	-21,668	-351	-798	-2,434	-10,605	-8,774	-13,605
74 Balance on income (lines 12 and 29)		1,070	-5,106	-6,987	243	-4,558	-6,636	-7,728	-8,617	-9,642	7,949	3,631	2,726
75 Unilateral current transfers, net (line 35)		-426	-561	-522	46	-100	-172	402	320	333	-128	-193	-168
76 Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) ¹³		-14,753	-19,843	-32,136	-14,012	-17,305	-28,476	-7,677	-9,095	-11,743	-2,784	-5,336	-11,047

See footnotes on page D-57.

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

Line	(Credits +, debits -) ¹	Eastern Europe			Canada			Latin America and Other Western Hemisphere			Japan		
		2001		2002	2001		2002	2001		2002	2001		2002
		IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p
Current account													
1	Exports of goods and services and income receipts	3,306	3,541	3,392	48,666	48,535	53,433	63,508	57,860	61,891	20,980	22,297	22,515
2	Exports of goods and services	2,644	2,656	2,681	44,157	44,463	48,983	51,062	46,938	50,597	19,057	19,868	20,056
3	Goods, balance of payments basis ²	1,688	1,519	1,641	38,415	38,329	42,895	38,586	34,669	37,784	12,484	12,186	12,350
4	Services ³	956	1,137	1,040	5,742	6,134	6,088	12,476	12,269	12,813	6,573	7,682	7,706
5	Transfers under U.S. military agency sales contracts ⁴	85	111	91	17	23	26	156	122	116	108	111	218
6	Travel	221	245	313	1,200	1,663	1,615	4,569	4,292	4,844	1,188	2,173	2,050
7	Passenger fares	11	16	13	294	422	349	1,206	1,160	1,282	377	655	652
8	Other transportation	69	56	58	523	512	579	716	705	750	795	759	815
9	Royalties and license fees ⁵	95	92	91	629	567	620	909	810	844	1,830	1,759	1,834
10	Other private services ⁵	466	609	463	3,061	2,927	2,877	4,878	5,138	4,935	2,256	2,200	2,115
11	U.S. Government miscellaneous services	9	8	11	18	20	22	42	42	42	19	25	22
12	Income receipts	662	885	711	4,509	4,072	4,450	12,446	10,922	11,294	1,923	2,429	2,459
13	Income receipts on U.S.-owned assets abroad	657	880	706	4,490	4,051	4,430	12,413	10,888	11,260	1,921	2,427	2,456
14	Direct investment receipts	244	367	328	2,319	1,906	2,336	4,615	3,755	4,062	1,145	1,728	1,821
15	Other private receipts	381	375	368	2,171	2,145	2,094	7,673	7,062	7,095	775	698	635
16	U.S. Government receipts	32	138	10	10	10	10	125	71	103	1	1	3
17	Compensation of employees	5	5	5	19	21	20	33	34	34	2	2	3
18	Imports of goods and services and income payments	-4,351	-3,573	-5,118	-55,343	-55,761	-61,483	-68,261	-69,542	-76,164	-40,237	-37,939	-43,494
19	Imports of goods and services	-3,735	-3,029	-4,516	-54,511	-55,004	-60,288	-57,405	-57,794	-63,995	-35,197	-33,052	-34,555
20	Goods, balance of payments basis ²	-3,280	-2,561	-3,808	-50,408	-51,195	-55,427	-47,366	-46,035	-51,830	-30,747	-28,593	-29,851
21	Services ³	-455	-468	-708	-4,103	-3,809	-4,861	-10,039	-11,759	-12,165	-4,450	-4,459	-4,704
22	Direct defense expenditures	-43	-41	-40	-18	-18	-19	-96	-60	-100	-343	-368	-365
23	Travel	-144	-161	-330	-1,011	-969	-1,611	-3,532	-4,286	-4,313	-566	-560	-691
24	Passenger fares	-54	-56	-114	-134	-122	-176	-569	-625	-614	-215	-201	-256
25	Other transportation	-61	-51	-58	-797	-849	-944	-656	-655	-711	-1,212	-1,110	-1,262
26	Royalties and license fees ⁵	-17	-26	-24	-270	-254	-330	-255	-241	-252	-1,170	-1,264	-1,103
27	Other private services ⁵	-125	-118	-128	-1,822	-1,552	-1,737	-4,807	-5,759	-6,047	-908	-907	-997
28	U.S. Government miscellaneous services	-11	-15	-14	-51	-45	-44	-124	-133	-128	-36	-49	-30
29	Income payments	-616	-544	-602	-832	-757	-1,195	-10,856	-11,748	-12,169	-5,040	-4,887	-8,939
30	Income payments on foreign-owned assets in the United States	-591	-519	-582	-734	-657	-1,099	-9,084	-10,173	-10,467	-5,017	-4,863	-8,919
31	Direct investment payments	-79	-65	-94	485	591	180	818	-780	-839	1,397	1,353	-2,244
32	Other private payments	-140	-117	-126	-868	-915	-950	-7,803	-7,273	-7,272	-1,655	-1,609	-2,074
33	U.S. Government payments	-372	-337	-362	-351	-333	-329	-2,099	-2,120	-2,356	-4,759	-4,607	-4,601
34	Compensation of employees	-25	-25	-20	-98	-100	-96	-1,772	-1,575	-1,702	-23	-24	-20
35	Unilateral current transfers, net	-811	-880	-787	-184	-220	-190	-4,322	-4,342	-4,226	-54	-122	-49
36	U.S. Government grants ⁴	-349	-362	-310	.....	.....	.....	-561	-518	-479	.....	.....	.....
37	U.S. Government pensions and other transfers	-13	-13	-11	-137	-133	-145	-308	-205	-177	-31	-32	-25
38	Private remittances and other transfers ⁶	-449	-505	-466	-47	-87	-45	-3,453	-3,619	-3,570	-23	-90	-24
Capital and financial account													
Capital account													
39	Capital account transactions, net	7	6	6	34	26	26	101	102	105	3	6	.....
Financial account													
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	203	134	1,009	-12,074	-8,452	-4,936	-47,678	55,087	-71,028	-15,363	-2,767	-1,928
41	U.S. official reserve assets, net .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	-1	-1	.....
42	Gold ⁷ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	Special drawing rights .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44	Reserve position in the International Monetary Fund .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	Foreign currencies .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	-1	-1	.....
46	U.S. Government assets, other than official reserve assets, net	45	45	-22	.....	.....	.....	66	43	21	.....	1	-10
47	U.S. credits and other long-term assets	-21	-6	-40	.....	.....	.....	-133	-99	-106	.....	.....	.....
48	Repayments on U.S. credits and other long-term assets ⁸	66	51	18	.....	.....	.....	199	149	119	.....	.....	.....
49	U.S. foreign currency holdings and U.S. short-term assets, net .....	.....	.....	.....	.....	.....	.....	.....	-7	8	.....	1	-10
50	U.S. private assets, net	158	89	1,031	-12,074	-8,452	-4,936	-47,744	55,044	-71,049	-15,382	-2,767	-1,918
51	Direct investment	26	224	-496	-4,779	-7,532	-3,099	-2,380	-2,471	-3,748	-2,163	-4,863	-8,919
52	Foreign securities	476	465	358	-145	332	3,860	-6,566	-1,774	-2,492	-4,040	-3,036	-370
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-33	35	.....	2,100	1,167	.....	2,469	29,508	-33,796	-4,989	-400	.....
54	U.S. claims reported by U.S. banks, not included elsewhere	-311	-635	1,169	-9,250	-2,419	-5,697	-41,267	29,781	-31,013	-4,190	2,294	14
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))	-3,720	1,324	8,626	10,966	4,797	-1,023	50,717	-1,898	72,713	43,024	-1,187	40,565
56	Foreign official assets in the United States, net	(18)	(18)	(18)	819	867	-3,197	(18)	(18)	(18)	(18)	(18)	(18)
57	U.S. Government securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
58	U.S. Treasury securities ⁹	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
59	Other ¹⁰	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
60	Other U.S. Government liabilities ¹¹	22	31	61	11	-1	16	-48	8	10	-73	-121	-122
61	U.S. liabilities reported by U.S. banks, not included elsewhere	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
62	Other foreign official assets ¹²	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
63	Other foreign assets in the United States, net	(18)	(18)	(18)	10,147	3,930	2,174	(18)	(18)	(18)	(18)	(18)	(18)
64	Direct investment	623	285	921	6,537	-2,462	738	2,347	1,598	-4,233	-176	-5,541	3,564
65	U.S. Treasury securities	(18)	(18)	(18)	(17)	(17)	(17)	(18)	(18)	(18)	(18)	(18)	(18)
66	U.S. securities other than U.S. Treasury securities	-454	-178	-393	3,938	6,889	2,749	15,553	14,882	25,002	13,425	-3,671	22,747
67	U.S. currency .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	27	123	.....	328	92	.....	9,044	2,603	1,995	-964	1,269	.....
69	U.S. liabilities reported by U.S. banks, not included elsewhere	¹⁸ -3,938	¹⁸ 1,063	¹⁸ 8,037	(17)	(17)	(17)	¹⁸ 23,821	¹⁸ -20,989	¹⁸ 49,939	¹⁸ 30,812	¹⁸ 6,877	¹⁸ 14,376
70	Statistical discrepancy (sum of above items with sign reversed)	5,366	-552	-7,128	7,935	11,075	14,173	5,935	-37,267	16,709	-8,333	19,712	-17,616
Memoranda:													
71	Balance on goods (lines 3 and 20)	-1,592	-1,042	-2,167	-11,993	-12,866	-12,532	-8,780	-11,366	-14,046	-18,263	-16,407	-17,501
72	Balance on services (lines 4 and 21)	501	669	332	1,639	2,325	1,227	2,437	510	648	2,123	3,223	3,002
73	Balance on goods and services (lines 2 and 19)	-1,091	-373	-1,835	-10,354	-10,541	-11,305	-6,343	-10,856	-13,398	-16,140	-13,184	-14,499
74	Balance on income (lines 12 and 29)	46	341	109	3,677	3,315	3,255	1,590	-826	-875	-3,117	-2,458	-6,480
75	Unilateral current transfers, net (line 35)	-811	-880	-787	-184	-220	-190	-4,322	-4,342	-4,226	-54	-122	-49
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) ¹³	-1,856	-912	-2,513	-6,861	-7,446	-8,240	-9,075	-16,024	-18,499	-19,311	-15,764	-21,028

See footnotes on page D-57.

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

(Millions of dollars)

Line	(Credits +, debits -) ¹	Australia			Other countries in Asia and Africa			International organizations and unallocated ¹⁶		
		2001	2002		2001	2002		2001	2002	
		IV	I ^r	II ^p	IV	I ^r	II ^p	IV	I ^r	II ^p
Current account										
1	Exports of goods and services and income receipts	4,945	5,295	5,770	55,478	56,348	59,907	8,251	8,305	8,295
2	Exports of goods and services	3,810	3,984	4,476	49,538	49,517	52,586	1,452	1,404	1,440
3	Goods, balance of payments basis ²	2,685	2,830	3,220	36,788	34,863	38,909			
4	Services ³	1,125	1,154	1,256	12,750	14,654	13,677	1,452	1,404	1,440
5	Transfers under U.S. military agency sales contracts ⁴	27	42	68	1,947	1,904	1,747			
6	Travel	289	293	346	1,829	2,211	3,037			
7	Passenger fares	77	94	78	253	355	414			
8	Other transportation	63	59	67	2,247	2,243	2,393	133	119	120
9	Royalties and license fees ⁵	187	182	199	1,267	1,199	1,297	549	513	545
10	Other private services ⁵	479	482	495	5,142	6,678	4,725	770	772	775
11	U.S. Government miscellaneous services	3	2	3	65	64	64			
12	Income receipts	1,135	1,311	1,294	5,940	6,831	7,321	6,799	6,901	6,855
13	Income receipts on U.S.-owned assets abroad	1,134	1,310	1,293	5,919	6,809	7,299	6,321	6,416	6,367
14	Direct investment receipts	416	579	573	3,534	4,528	5,082	3,883	3,951	3,902
15	Other private receipts	718	731	720	2,019	1,955	2,011	2,318	2,356	2,331
16	U.S. Government receipts				366	316	206	140	109	134
17	Compensation of employees	1	1	1	21	22	22	478	485	488
18	Imports of goods and services and income payments	-2,583	-2,369	-2,929	-99,795	-93,837	-106,795	-3,538	-4,154	-3,804
19	Imports of goods and services	-2,365	-2,254	-2,409	-92,342	-86,183	-98,925	-628	-1,109	-861
20	Goods, balance of payments basis ²	-1,607	-1,386	-1,672	-82,817	-76,164	-88,124			
21	Services ³	-758	-868	-737	-9,525	-10,019	-10,801	-628	-1,109	-861
22	Direct defense expenditures	-23	-24	-24	-1,539	-1,793	-1,976			
23	Travel	-272	-353	-294	-2,017	-2,534	-2,677			
24	Passenger fares	-172	-199	-126	-1,011	-1,123	-1,090			
25	Other transportation	-46	-57	-50	-2,963	-2,717	-3,099	-332	-273	-332
26	Royalties and license fees ⁵	-22	-20	-20	-70	-58	-61	-223	-752	-446
27	Other private services ⁵	-214	-206	-213	-1,740	-1,592	-1,701	-73	-83	-83
28	U.S. Government miscellaneous services	-9	-9	-10	-185	-202	-197		-1	
29	Income payments	-218	-115	-520	-7,453	-7,654	-7,870	-2,910	-3,045	-2,943
30	Income payments on foreign-owned assets in the United States	-212	-109	-515	-7,218	-7,416	-7,702	-2,910	-3,045	-2,943
31	Direct investment payments	20	104	291	100	142	343	1,807	1,906	1,720
32	Other private payments	-117	-116	-123	-1,702	-1,703	-1,769	-731	-769	-846
33	U.S. Government payments	-115	-97	-101	-5,616	-5,571	-5,590	-372	-370	-377
34	Compensation of employees	-6	-6	-5	-235	-238	-168			
35	Unilateral current transfers, net	-87	-77	-75	-5,317	-8,369	-4,774	-3,028	-1,810	-1,713
36	U.S. Government grants ⁴				-2,463	-5,015	-1,877	-214	-169	-151
37	U.S. Government pensions and other transfers	-12	-13	-12	-128	-128	-132	-156	-413	-130
38	Private remittances and other transfers ⁶	-75	-64	-63	-2,726	-3,226	-2,765	-1,258	-1,228	-1,432
Capital and financial account										
Capital account										
39	Capital account transactions, net	1	1	1	27	31	18			
Financial account										
40	U.S.-owned assets abroad, net (increase/financial outflow (-))	-1,453	-2,330	-1,646	-3,148	-8,254	-9,217	-3,624	-3,812	2,608
41	U.S. official reserve assets, net							-57	543	-1,714
42	Gold ⁷									
43	Special drawing rights							-140	-109	-107
44	Reserve position in the International Monetary Fund							83	652	-1,607
45	Foreign currencies									
46	U.S. Government assets, other than official reserve assets, net				86	88	155	-224	-304	-258
47	U.S. credits and other long-term assets				-618	-444	-161	-224	-304	-258
48	Repayments on U.S. credits and other long-term assets ⁸				676	535	301			
49	U.S. foreign currency holdings and U.S. short-term assets, net				28	-3	15			
50	U.S. private assets, net	-1,453	-2,330	-1,646	-3,234	-8,342	-9,372	-3,343	-4,051	4,580
51	Direct investment	228	-2,473	-312	-2,368	-5,210	-2,413	-3,700	-3,539	-3,739
52	Foreign securities	191	-202	-395	2,333	-385	1,577	239	403	110
53	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	-468	-827		-915	-874		1		6,820
54	U.S. claims reported by U.S. banks, not included elsewhere	-1,404	1,172	-939	-2,284	-1,873	-8,536	117	-915	1,389
55	Foreign-owned assets in the United States, net (increase/financial inflow(+))	-905	5,481	1,137	16,417	21,864	28,061	10,065	3,016	38,719
56	Foreign official assets in the United States, net							8	13	
57	U.S. Government securities									
58	U.S. Treasury securities ⁹									
59	Other ¹⁰									
60	Other U.S. Government liabilities ¹¹	56	35	4	-326	-701	116	8	13	
61	U.S. liabilities reported by U.S. banks, not included elsewhere									
62	Other foreign official assets ¹²									
63	Other foreign assets in the United States, net							10,057	3,003	38,719
64	Direct investment	-554	760	211	-777	-497	891	1,579	1,587	1,605
65	U.S. Treasury securities									
66	U.S. securities other than U.S. Treasury securities	-105	2,152	887	8,710	9,518	7,911	24	63	-257
67	U.S. currency							10,497	4,525	7,183
68	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	77	122		-587	268			30	23,961
69	U.S. liabilities reported by U.S. banks, not included elsewhere	¹⁸ -379	¹⁸ 2,412	¹⁸ 35	¹⁸ 9,397	¹⁸ 13,278	¹⁸ 19,143	¹⁸ -2,043	¹⁸ -3,022	¹⁸ 6,227
70	Statistical discrepancy (sum of above items with sign reversed)	82	-6,001	-2,258	36,338	32,217	32,800	-8,126	-1,545	-44,105
Memoranda:										
71	Balance on goods (lines 3 and 20)	1,078	1,444	1,548	-46,029	-41,301	-49,215			
72	Balance on services (lines 4 and 21)	367	286	519	3,225	4,635	2,876	824	295	579
73	Balance on goods and services (lines 2 and 19)	1,445	1,730	2,067	-42,804	-36,666	-46,339	824	295	579
74	Balance on income (lines 12 and 29)	917	1,196	774	-1,513	-823	-549	3,889	3,856	3,912
75	Unilateral current transfers, net (line 35)	-87	-77	-75	-5,317	-8,369	-4,774	-3,028	-1,810	-1,713
76	Balance on current account (lines 1, 18, and 35 or lines 73, 74, and 75) ¹³	2,275	2,849	2,766	-49,634	-45,858	-51,662	1,685	2,341	2,778

^p Preliminary.^r Revised.

See footnotes on page D-57.

Source: Table 10 in "U.S. International Transactions, Second Quarter 2002" in the October issue of the Survey of Current Business.

Table F.4. Private Services Transactions
(Millions of dollars)

Line	2001	Not seasonally adjusted								Seasonally adjusted					
		2001				2002				2001				2002	
		I	II	III	IV	I ^r	II ^p	I	II	III	IV	I ^r	II ^p		
1 Exports of private services	266,209	67,799	66,941	69,159	62,310	64,267	65,952	69,692	68,492	65,758	62,270	65,418	67,760		
2 Travel (table 1, line 6)	73,119	18,299	20,276	20,628	13,916	15,056	17,605	20,735	19,803	17,845	14,736	17,038	17,200		
3 Passenger fares (table 1, line 7)	18,007	4,639	4,788	5,100	3,480	3,842	4,156	5,007	4,849	4,522	3,629	4,171	4,209		
4 Other transportation (table 1, line 8)	28,306	7,163	7,168	7,308	6,667	6,523	7,022	7,495	7,170	6,968	6,674	6,805	7,027		
5 Freight	11,330	3,047	3,000	2,925	2,958	2,884	3,043	3,094	2,990	2,937	2,910	2,931	3,035		
6 Port services	16,376	4,116	4,168	4,383	3,709	3,639	3,979	4,401	4,180	4,031	3,764	3,874	3,992		
7 Royalties and license fees (table 1, line 9)	38,668	9,428	9,534	9,314	10,392	9,651	10,291	9,717	9,743	9,537	9,672	9,931	10,490		
8 Affiliated	25,873	6,192	6,342	6,138	7,201	6,399	6,953	6,481	6,551	6,361	6,481	6,679	7,152		
9 U.S. parents' receipts	23,502	5,888	5,868	5,689	6,277	6,020	6,508	5,908	5,968	5,827	5,799	6,258	6,615		
10 U.S. affiliates' receipts	2,371	504	474	469	924	379	445	573	563	534	682	421	537		
11 Unaffiliated	12,795	3,236	3,192	3,176	3,191	3,252	3,338	3,236	3,192	3,176	3,191	3,252	3,338		
12 Industrial processes ¹	4,852	1,209	1,208	1,214	1,221	1,242	1,270	1,209	1,214	1,221	1,242	1,242	1,270		
13 Other ²	7,943	2,027	1,984	1,962	1,970	2,009	2,068	2,027	1,984	1,962	1,970	2,009	2,068		
14 Other private services (table 1, line 10)	108,109	28,270	25,175	26,809	27,855	29,195	26,878	26,738	26,297	26,886	27,559	27,473	28,834		
15 Affiliated services	36,243	8,657	8,637	8,713	10,236	8,508	9,182	8,824	8,969	9,043	9,408	8,638	9,564		
16 U.S. parents' receipts	21,237	5,028	5,263	5,154	5,792	4,841	5,241	5,208	5,288	5,360	5,381	5,011	5,262		
17 U.S. affiliates' receipts	15,006	3,629	3,374	3,559	4,444	3,667	3,941	3,616	3,683	3,683	4,027	3,627	4,302		
18 Unaffiliated services	71,866	19,613	16,538	18,096	17,619	20,687	17,696	17,914	17,958	17,843	18,151	18,835	19,270		
19 Education	11,493	4,549	4,133	3,104	2,407	4,996	1,571	2,760	2,831	2,922	2,980	3,052	3,123		
20 Financial services	15,209	4,043	3,940	3,531	3,695	3,770	3,828	4,047	3,935	3,535	3,692	3,767	3,817		
21 Insurance, net	18	129	-13	-18	-79	91	128	129	-13	-18	-79	91	128		
22 Premiums received	8,658	2,122	2,137	2,224	2,175	2,204	2,304	2,122	2,137	2,224	2,175	2,204	2,304		
23 Losses paid	8,640	1,993	2,150	2,242	2,254	2,113	2,176	1,993	2,150	2,242	2,254	2,113	2,176		
24 Telecommunications	4,796	1,209	1,201	1,194	1,192	1,277	1,351	1,209	1,201	1,194	1,192	1,277	1,351		
25 Business, professional, and technical services	25,720	6,144	6,352	6,566	6,658	6,817	6,939	6,144	6,352	6,566	6,658	6,817	6,939		
26 Other unaffiliated services ³	14,630	3,539	3,625	3,718	3,747	3,736	3,880	3,625	3,652	3,643	3,709	3,831	3,913		
27 Imports of private services	192,305	48,420	55,410	42,322	46,153	48,625	55,471	52,577	53,287	38,567	47,877	52,442	53,574		
28 Travel (table 1, line 23)	60,117	13,545	18,466	17,253	10,853	12,389	16,297	16,003	16,698	14,468	12,948	14,587	14,682		
29 Passenger fares (table 1, line 24)	22,418	5,237	6,763	6,571	3,847	4,609	5,635	5,810	6,213	5,944	4,451	5,113	5,126		
30 Other transportation (table 1, line 25)	38,823	10,064	10,057	9,608	9,094	8,457	9,631	10,521	10,130	9,178	8,997	8,858	9,747		
31 Freight	25,667	6,756	6,626	6,191	6,094	5,885	6,422	7,094	6,180	5,878	6,015	5,881	6,522		
32 Port services	13,156	3,308	3,431	3,417	3,000	2,872	3,209	3,427	3,449	3,300	2,982	2,977	3,225		
33 Royalties and license fees (table 1, line 26)	16,359	3,990	3,939	3,956	4,474	4,653	4,422	4,097	4,038	4,113	4,110	4,764	4,522		
34 Affiliated	13,008	3,190	3,112	3,105	3,601	3,240	3,272	3,297	3,211	3,262	3,237	3,351	3,372		
35 U.S. parents' payments	2,026	497	494	517	518	507	581	497	494	517	518	507	581		
36 U.S. affiliates' payments	10,982	2,693	2,618	2,588	3,083	2,733	2,691	2,800	2,717	2,745	2,719	2,844	2,791		
37 Unaffiliated	3,351	800	827	851	873	1,413	1,150	800	827	851	873	1,413	1,150		
38 Industrial processes ¹	1,815	439	448	458	470	483	497	439	448	458	470	483	497		
39 Other ²	1,536	361	379	393	403	931	654	361	379	393	403	931	654		
40 Other private services (table 1, line 27)	54,588	15,584	16,185	4,934	17,885	18,517	19,486	16,146	16,208	4,864	17,371	19,120	19,497		
41 Affiliated services	28,410	6,492	6,934	7,178	7,806	7,056	7,180	6,935	6,958	7,273	7,244	7,529	7,196		
42 U.S. parents' payments	13,467	3,183	3,341	3,311	3,632	2,977	3,439	3,417	3,372	3,384	3,294	3,194	3,477		
43 U.S. affiliates' payments	14,943	3,309	3,593	3,867	4,174	4,079	3,741	3,518	3,586	3,889	3,950	4,335	3,719		
44 Unaffiliated services	26,178	9,092	9,251	-2,244	10,079	11,461	12,306	9,211	9,250	-2,409	10,127	11,591	12,301		
45 Education	2,378	449	591	777	561	499	657	568	590	612	608	630	652		
46 Financial services	4,016	1,146	1,084	882	904	974	1,010	1,146	1,084	882	904	974	1,010		
47 Insurance, net	4,906	3,818	3,859	-7,640	4,869	6,177	6,738	3,818	3,859	-7,640	4,869	6,177	6,738		
48 Premiums paid	39,895	9,068	9,542	10,130	11,155	12,510	13,142	9,068	9,542	10,130	11,155	12,510	13,142		
49 Losses recovered	34,989	5,250	5,684	17,770	6,286	6,333	6,403	5,250	5,684	17,770	6,286	6,333	6,403		
50 Telecommunications	4,298	1,185	1,111	1,038	965	950	978	1,185	1,111	1,038	965	950	978		
51 Business, professional, and technical services	10,040	2,367	2,474	2,562	2,638	2,714	2,773	2,367	2,474	2,562	2,638	2,714	2,773		
52 Other unaffiliated services ³	540	127	132	138	143	147	149	127	132	138	143	147	149		
Memoranda:															
53 Balance on goods (table 1, line 71)	-427,165	-105,864	-102,816	-114,226	-104,259	-97,369	-117,679	-113,032	-107,719	-105,751	-100,663	-106,424	-122,640		
54 Balance on private services (line 1 minus line 27)	73,904	19,379	11,531	26,837	16,157	15,642	10,481	17,115	15,205	27,191	14,393	12,976	14,186		
55 Balance on goods and private services (lines 53 and 54)	-353,261	-86,485	-91,285	-87,389	-88,102	-81,727	-107,198	-95,917	-92,514	-78,560	-86,270	-93,448	-108,454		

^p Preliminary.

^r Revised.

1. Includes royalties, license fees, and other fees associated with the use of intangible assets, including patents, trade secrets, and other proprietary rights, that are used in connection with the production of goods.

2. Includes royalties, license fees, and other fees associated with the use of copyrights, trademarks, franchises, rights to

broadcast live events, software licensing fees, and other intangible property rights.

3. Other unaffiliated services receipts (exports) include mainly expenditures of foreign governments and international organizations in the United States and film and television tape rentals. Payments (imports) include mainly expenditures of U.S. residents temporarily working abroad and film and television tape rentals.

Source: Table 3 in "U.S. International Transactions, Second Quarter 2002" in the October 2002 issue of the *SURVEY OF CURRENT BUSINESS*.

Footnotes to Tables F.2. and F.3.

Footnotes to Tables F.2 and F.3:

1. Credits, +: Exports of goods and services and income receipts; unilateral current transfers to the United States; capital account transactions receipts; financial inflows—increase in foreign-owned assets (U.S. liabilities) or decrease in U.S.-owned assets (U.S. claims).

Debits, -: Imports of goods and services and income payments; unilateral current transfers to foreigners; capital account transactions payments; financial outflows—decrease in foreign-owned assets (U.S. liabilities) or increase in U.S.-owned assets (U.S. claims).

2. Excludes exports of goods under U.S. military agency sales contracts identified in Census export documents, excludes imports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to balance of payments basis; see table 2.

3. Includes some goods: Mainly military equipment in line 5; major equipment, other materials, supplies, and petroleum products purchased abroad by U.S. military agencies in line 22; and fuels purchased by airline and steamship operators in lines 8 and 25.

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

5. Beginning in 1982, these lines are presented on a gross basis. The definition of exports is revised to exclude U.S. parents' payments to foreign affiliates and to include U.S. affiliates' receipts from foreign parents. The definition of imports is revised to include U.S. parents' payments to foreign affiliates and to exclude U.S. affiliates' receipts from foreign parents.

6. Beginning in 1982, the "other transfers" component includes taxes paid by U.S. private residents to foreign governments and taxes paid by private nonresidents to the U.S. Government.

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

8. Includes sales of foreign obligations to foreigners.

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

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

13. Conceptually, line 76 is equal to "net foreign investment" in the national income and product accounts (NIPAs). However, the foreign transactions account in the NIPAs (a) includes adjustments to the international transactions accounts for the treatment of gold, (b) includes adjustments for the different geographical treatment of transactions with U.S. territories and Puerto Rico, and (c) includes services furnished without payment by financial pension plans except life insurance carriers and private noninsured pension plans. A reconciliation of the balance on goods and services from the international accounts and the NIPA net exports appears in reconciliation table 2 in appendix A in this issue 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 in the August issue of the *SURVEY*.

Additional footnotes to Table F.3:

14. The "European Union" includes the "European Union (6)," United Kingdom, Denmark, Ireland, Greece, Spain, and Portugal. Beginning with the first quarter of 1995, the "European Union" also includes Austria, Finland, and Sweden.

15. The "European Union (6)" includes Belgium, France, Germany (includes the former German Democratic Republic (East Germany) beginning in the fourth quarter of 1990), Italy, Luxembourg, Netherlands, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank.

16. Includes, as part of international and unallocated, the estimated direct investment in foreign affiliates engaged in international shipping, in operating oil and gas drilling equipment internationally, and in petroleum trading. Also includes taxes withheld, current-cost adjustments associated with U.S. and foreign direct investment, before a 1996, small transactions in business services that are not reported by country, and net U.S. currency flows, for which geographic source data are not available.

17. Details are not shown separately; see totals in lines 56 and 63.

18. Details are not shown separately are included in line 69.

G. Investment Tables

Table G.1. International Investment Position of the United States at Yearend, 2000 and 2001
 [Millions of dollars]

Line	Type of investment	Position, 2000 ^r	Changes in position in 2001 (decrease (-))				Total (a+b+c+d)	Position, 2001 ^p
			Attributable to:					
			Financial flows (a)	Valuation adjustments				
Price changes (b)	Exchange rate changes ¹ (c)	Other changes ² (d)						
1	Net international investment position of the United States:							
2	With direct investment positions at current cost (line 3 less line 24)	-1,350,791	-381,845	-116,510	-103,402	4,414	-597,343	-1,948,134
	With direct investment positions at market value (line 4 less line 25)	-1,583,153	-381,845	-215,462	-145,572	16,935	-725,964	-2,309,117
3	U.S.-owned assets abroad:							
4	With direct investment positions at current cost (lines 5+10+15)	6,191,934	370,962	-258,272	-124,662	16,177	4,205	6,196,139
	With direct investment positions at market value (lines 5+10+16)	7,350,862	370,962	-715,843	-163,854	20,816	-487,919	6,862,943
5	U.S. official reserve assets	128,400	4,911	536	-3,879	-7	1,561	129,961
6	Gold	71,799		³ 536		⁴ -7	529	72,328
7	Special drawing rights	10,539	630		-386		244	10,783
8	Reserve position in the International Monetary Fund	14,824	3,600		-555		3,045	17,869
9	Foreign currencies	31,238	681		-2,938		-2,257	28,981
10	U.S. Government assets, other than official reserve assets	85,164	486				486	85,650
11	U.S. credits and other long-term assets ⁵	82,570	558				558	83,128
12	Repayable in dollars	82,289	561				561	82,850
13	Other ⁶	281	-3				-3	278
14	U.S. foreign currency holdings and U.S. short-term assets	2,594	-72				-72	2,522
15	U.S. private assets:	5,978,370	365,565	-258,808	-120,783	16,184	2,158	5,980,528
16	With direct investment at current cost (lines 17+19+22+23)	7,137,298	365,565	-716,379	-159,975	20,823	-489,966	6,647,332
17	Direct investment abroad:							
18	At current cost	1,515,279	127,840	19,533	-17,713	-21,817	107,843	1,623,122
19	At market value	2,674,207	127,840	-438,038	-56,905	-17,178	-384,281	2,289,926
20	Foreign securities	2,389,427	94,662	-278,341	-95,228		-278,907	2,110,520
21	Bonds	557,019	-12,147	18,214	-17,304		-11,237	545,782
22	Corporate stocks	1,832,408	106,809	-296,555	-77,924		-267,670	1,564,738
23	U.S. claims on unaffiliated foreigners reported by U.S. nonbanking concerns	821,564	14,358		-5,811		8,547	830,111
	U.S. claims reported by U.S. banks, not included elsewhere	1,252,100	128,705		-2,031	38,001	164,675	1,416,775
24	Foreign-owned assets in the United States:	7,542,725	752,807	-141,762	-21,260	11,763	601,548	8,144,273
25	With direct investment at current cost (lines 26+33)	8,934,015	752,807	-500,361	-18,282	3,881	238,045	9,172,060
26	Foreign official assets in the United States	1,008,890	5,225	1,623		6,000	12,848	1,021,738
27	U.S. Government securities	749,904	31,666	11,274		6,000	48,940	798,844
28	U.S. Treasury securities	625,161	10,745	8,796		6,001	25,542	650,703
29	Other	124,743	20,921	2,478		-1	23,398	148,141
30	Other U.S. Government liabilities ⁷	13,739	-1,882				-1,882	11,857
31	U.S. liabilities reported by U.S. banks, not included elsewhere	153,403	-30,278				-30,278	123,125
32	Other foreign official assets	91,844	5,719	-9,651			-3,932	87,912
33	Other foreign assets:	6,533,835	747,582	-143,385	-21,260	5,763	588,700	7,122,535
34	With direct investment at current cost (lines 35+37+38+41+42+43)	7,925,125	747,582	-501,984	-18,282	-2,119	225,197	8,150,322
35	Direct investment in the United States:							
36	At current cost	1,374,752	130,796	14,214	-2,978	-17,860	124,172	1,498,924
37	At market value	2,768,042	130,796	-344,385		-25,742	-239,331	2,526,711
38	U.S. Treasury securities	400,966	-7,670	4,719		-9,241	-12,192	388,774
39	U.S. securities other than U.S. Treasury securities	2,623,628	407,653	-162,318	-12,309		233,026	2,856,654
40	Corporate and other bonds	1,075,988	288,200	40,741	-12,309		316,632	1,392,620
41	Corporate stocks	1,547,640	119,453	-203,059			-83,606	1,464,034
42	U.S. currency	251,786	23,783				23,783	275,569
43	U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns	729,340	82,353		-2,140	-5,136	75,077	804,417
	U.S. liabilities reported by U.S. banks, not included elsewhere	1,153,363	110,667		-3,833	38,000	144,834	1,298,197

^p Preliminary.

^r Revised.

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

2. Includes changes in coverage, statistical discrepancies, and other adjustments to the value of assets.

3. Reflects changes in the value of the official gold stock due to fluctuations in the market price of gold.

4. Reflects changes in gold stock from U.S. Treasury sales of gold medallions and commemorative and bullion coins; also reflects replenishment through open market purchases. These demonetizations/monetizations are not included in international transactions financial flows.

5. Also includes paid-in capital subscriptions to international financial institutions and resources provided to foreigners under foreign assistance programs requiring repayment over several years. Excludes World War I debts that are not being serviced.

6. Includes indebtedness that the borrower may contractually, or at its option, repay with its currency, with a third country's currency, or by delivery of materials or transfer of services.

7. Primarily U.S. Government liabilities associated with military sales contracts and other transactions arranged with or through foreign official agencies.

Source: Table 1 in "The International Investment Position of the United States at Yearend 2001" in the July 2002 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, 1999-2001
[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital outflows (inflows (-))			Income		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
All countries, all industries	1,173,122	1,293,431	1,381,674	174,576	164,969	113,977	112,359	135,109	111,089
By country									
Canada	111,747	128,814	139,031	18,122	18,950	14,440	12,103	14,688	11,773
Europe	611,958	679,457	725,793	99,224	92,427	56,133	57,704	66,523	55,667
<i>Of which:</i>									
France	39,960	38,752	38,457	512	2,011	655	1,386	2,404	1,920
Germany	48,445	50,963	61,437	4,268	3,099	11,360	4,621	4,588	2,690
Netherlands	110,321	117,557	131,884	8,253	2,953	16,058	12,598	11,858	13,417
Switzerland	44,499	55,854	62,897	8,407	9,959	6,629	7,098	7,025	7,576
United Kingdom	228,574	241,663	249,201	47,839	35,763	13,231	14,915	20,655	12,051
Latin America and Other Western Hemisphere	237,748	251,863	269,556	34,277	23,442	26,510	19,636	18,703	18,718
<i>Of which:</i>									
Bermuda	51,613	56,594	61,929	7,786	6,532	5,865	4,373	6,036	5,045
Brazil	37,383	39,033	36,317	3,484	3,091	-17	1,511	1,579	756
Mexico	32,888	37,332	52,168	5,978	5,302	15,078	4,448	4,371	4,409
Panama	33,143	29,316	25,296	2,259	1,231	753	2,365	501	452
Africa	13,621	14,417	15,872	498	1,151	798	1,876	2,675	2,063
Middle East	10,712	11,087	12,643	5	1,635	1,269	1,180	2,254	1,314
Asia and Pacific	184,313	205,317	216,501	21,890	27,333	15,012	19,927	29,983	21,153
<i>Of which:</i>									
Australia	34,743	35,364	34,041	3,244	2,421	-423	2,472	3,586	1,690
Japan	56,393	59,441	64,103	9,449	6,279	5,474	4,749	7,805	5,683
International	3,024	2,476	2,278	560	31	-184	-68	282	402
By industry									
Petroleum	90,493	95,834	102,074	9,481	10,594	12,668	10,174	18,667	13,866
Manufacturing	306,156	353,550	376,259	34,939	58,049	36,381	33,213	38,965	28,806
Food and kindred products	34,225	35,933	35,496	1,359	2,913	1,692	3,821	3,868	4,029
Chemicals and allied products	81,656	100,872	108,663	7,346	16,462	10,800	9,250	9,882	10,355
Primary and fabricated metals	18,328	18,773	21,488	1,088	633	2,895	1,381	1,631	1,211
Industrial machinery and equipment	35,337	41,199	52,392	6,393	7,305	12,039	4,445	6,652	4,940
Electronic and other electric equipment	36,996	49,065	48,391	3,940	16,156	905	3,679	5,683	2,768
Transportation equipment	36,045	40,052	39,142	6,687	7,159	578	4,416	3,613	612
Other manufacturing	63,569	67,656	70,687	8,126	7,420	7,473	6,220	7,637	4,890
Wholesale trade	74,215	83,724	92,836	6,413	12,434	9,289	10,837	12,524	12,093
Depository institutions	38,365	38,071	49,319	533	-2,221	9,925	856	1,826	2,520
Finance, (except depository institutions), insurance, and real estate	498,468	542,641	572,545	86,419	54,147	34,983	45,906	52,938	46,135
Services	72,054	80,144	86,491	14,473	10,785	7,513	8,050	8,912	6,817
Other industries	93,371	99,469	102,150	22,318	21,182	3,217	3,323	1,277	854

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 16 and 17 in "U.S. Direct Investment Abroad: Detail for Historical-Cost Position and Related Capital and Income Flows, 2001" in the September 2002 issue of the 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, 1999

	All nonbank affiliates						Majority-owned nonbank foreign affiliates (MOFA's)						
	Millions of dollars					Thousands of employees	Millions of dollars						Thousands of employees
	Total assets	Sales	Net income	U.S. exports of goods shipped to affiliates	U.S. imports of goods shipped by affiliates		Total assets	Sales	Net income	Gross product	U.S. exports of goods shipped to MOFA's	U.S. imports of goods shipped by MOFA's	
All countries, all industries	4,628,182	2,587,301	199,069	208,850	193,615	8,907.1	4,041,598	2,195,327	160,490	561,158	202,914	181,283	7,470.8
By country													
Canada.....	367,802	302,844	15,476	73,586	79,382	1,054.6	335,254	280,644	14,951	63,803	71,937	75,634	984.0
Europe.....	2,626,759	1,367,665	99,754	(D)	32,960	3,787.4	2,423,918	1,201,512	91,467	321,581	48,029	31,888	3,418.9
<i>Of which:</i>													
France.....	161,495	142,034	3,884	5,526	3,198	518.0	140,315	123,850	3,610	36,942	4,906	3,088	479.0
Germany.....	291,077	241,496	9,889	8,100	4,397	675.8	256,495	199,709	8,375	61,862	8,047	4,350	631.9
Netherlands.....	299,780	135,445	17,281	(D)	1,472	194.9	281,275	116,298	15,669	17,897	6,969	1,466	179.2
United Kingdom.....	1,190,163	(D)	(D)	12,658	9,001	1,171.8	1,134,967	340,196	22,602	100,997	12,645	8,951	1,065.2
Latin America and Other Western Hemisphere.....	688,777	299,839	28,816	40,912	37,134	1,827.5	560,556	245,569	26,000	59,361	39,564	35,261	1,444.4
<i>Of which:</i>													
Brazil.....	128,207	70,358	-269	4,070	3,073	411.5	90,625	55,248	880	16,095	3,933	3,002	339.5
Mexico.....	97,540	100,544	5,846	30,279	28,846	933.1	71,350	79,326	4,805	17,146	29,419	27,558	729.2
Africa.....	50,744	31,566	2,839	1,032	1,761	218.6	37,664	23,895	2,242	9,365	945	1,758	114.2
Middle East.....	51,402	29,259	23,278	797	1,260	92.8	18,404	13,618	1,343	5,427	733	882	47.6
Asia and Pacific.....	818,875	547,305	27,630	43,586	41,118	1,889.0	653,207	425,372	24,126	100,212	41,642	35,860	1,450.9
<i>Of which:</i>													
Australia.....	115,825	73,205	3,312	4,485	1,128	309.1	100,368	59,941	3,157	19,305	4,405	1,121	249.4
Japan.....	341,266	200,201	6,256	13,606	7,443	399.4	246,876	125,063	4,848	30,761	12,555	2,447	212.4
International.....	23,823	8,823	1,276	(D)	0	37.3	12,596	4,716	360	1,410	65	0	10.9
By industry													
Mining.....	227,580	79,944	13,161	2,189	7,140	155.5	196,002	71,113	11,395	40,910	1,979	6,606	133.7
Utilities.....	155,644	57,017	3,807	6	(D)	119.0	104,500	35,170	3,218	10,131	4	2	66.5
Manufacturing.....	1,135,726	1,273,075	80,586	150,279	168,073	4,900.4	956,228	1,096,394	54,376	312,419	145,721	156,437	4,244.5
<i>Of which:</i>													
Food.....	69,568	93,404	3,898	2,687	(D)	376.4	63,349	84,924	3,624	19,222	2,598	4,129	334.2
Chemicals.....	259,028	210,141	19,996	17,180	12,865	616.8	226,231	186,383	18,584	58,380	16,159	12,258	552.5
Primary and fabricated metals.....	57,559	46,290	1,897	2,942	3,896	240.1	48,969	39,627	1,754	12,135	2,617	3,615	212.6
Machinery.....	79,844	79,713	3,000	7,071	8,684	391.6	64,928	64,739	2,850	19,123	6,745	7,369	340.6
Computer and electronic products.....	146,176	200,519	8,313	36,728	41,242	781.0	142,038	197,109	8,203	38,651	36,562	41,036	765.7
Electrical equipment, appliances, and components.....	24,229	28,075	1,199	2,658	3,932	294.0	21,161	24,895	1,072	7,441	2,589	3,340	255.5
Transportation equipment.....	183,174	282,090	7,043	67,020	78,108	943.2	151,882	241,451	6,299	48,364	65,352	70,463	839.4
Wholesale trade.....	318,086	599,641	19,989	48,176	16,518	658.1	299,388	543,867	18,682	82,132	47,326	16,366	620.0
Information.....	226,838	135,799	4,575	552	135	581.0	101,836	69,132	1,766	19,413	539	135	270.0
Finance (except depository institutions) and insurance.....	1,648,888	161,134	21,324	8	0	322.3	1,567,608	150,472	20,229	22,439	8	0	295.0
Professional, scientific, and technical services.....	92,049	79,025	4,125	1,749	830	374.5	86,470	72,176	3,882	29,153	1,722	830	343.5
Other industries.....	823,371	201,666	51,501	5,890	(D)	1,796.3	729,566	157,002	46,942	44,561	5,615	907	1,497.6

D Suppressed to avoid disclosure of data of individual companies.

Note: The data in this table are from the 1999 Benchmark Survey of U.S. Direct Investment Abroad; see "Operations of

U.S. Multinational Companies: Preliminary Results From the 1999 Benchmark Survey" in the March 2002 issue of the 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 U.S. Affiliate, 1999-2001
[Millions of dollars]

	Direct investment position on a historical-cost basis			Capital inflows (outflows (-))			Income		
	1999	2000	2001	1999	2000	2001	1999	2000	2001
All countries, all industries.....	955,726	1,214,254	1,321,063	283,376	300,912	124,435	46,385	52,465	15,965
By country									
Canada.....	99,559	114,599	108,600	26,367	26,036	4,627	2,215	1,057	-7,736
Europe.....	639,923	835,137	946,758	223,406	238,740	118,059	36,753	41,511	26,043
<i>Of which:</i>									
France.....	89,945	131,484	147,207	29,834	49,436	14,676	2,954	3,930	7,663
Germany.....	112,126	124,839	152,760	23,478	14,290	28,015	6,123	2,390	-6,273
Luxembourg.....	35,644	53,794	40,232	6,887	25,230	-13,801	2,241	4,672	3,172
Netherlands.....	125,010	146,493	158,020	41,689	32,599	15,171	7,299	8,990	4,368
Switzerland.....	52,973	69,240	125,521	2,503	16,697	51,959	2,844	4,113	1,816
United Kingdom.....	153,797	213,820	217,746	108,566	75,654	14,226	11,899	14,046	11,823
Latin America and Other Western Hemisphere.....	40,771	54,463	58,881	16,929	12,253	954	2,397	2,407	-1,399
<i>Of which:</i>									
Bermuda.....	14,798	18,502	15,748	10,338	2,523	-3,223	41	-457	-1,602
Mexico.....	1,999	7,832	7,418	1,273	5,266	-84	175	-68	-1,070
Panama.....	5,275	3,726	4,199	-226	-1,477	449	752	647	480
United Kingdom Islands, Caribbean.....	11,573	15,353	18,244	4,137	3,865	3,966	1,527	1,829	118
Africa.....	1,361	2,756	3,264	423	652	407	-66	6	-193
Middle East.....	4,362	6,189	6,039	376	2,142	-159	156	259	311
Asia and Pacific.....	178,749	201,110	197,522	15,876	21,088	547	4,931	7,225	-1,060
<i>Of which:</i>									
Australia.....	15,616	20,701	23,488	4,193	5,963	3,649	643	1,074	-918
Japan.....	153,815	163,577	158,988	11,555	7,773	-1,550	4,006	5,825	169
By industry									
Petroleum.....	51,231	87,055	95,922	4,778	44,869	10,308	4,510	11,435	8,971
Manufacturing.....	385,253	479,851	508,535	69,851	100,693	29,246	24,674	23,860	3,177
Food and kindred products.....	18,864	23,975	23,847	-1,460	5,293	-233	1,570	1,792	1,051
Chemicals and allied products.....	97,009	122,446	127,139	7,562	26,196	3,062	6,317	5,906	4,472
Primary and fabricated metals.....	19,778	24,741	25,683	1,839	9,057	-965	1,083	1,320	802
Machinery.....	92,038	151,237	166,198	39,483	40,040	14,695	2,181	6,847	-6,444
Other manufacturing.....	157,564	157,453	165,668	22,428	20,107	12,687	13,524	7,996	3,297
Wholesale trade.....	100,251	110,286	112,997	16,195	11,320	1,855	5,813	7,016	5,549
Retail trade.....	24,199	29,666	35,811	4,156	5,243	7,245	1,641	1,677	816
Depository institutions.....	61,756	68,128	78,094	19,326	9,672	8,427	2,994	3,948	3,370
Finance, except depository institutions.....	65,453	84,383	85,990	17,964	19,957	6,414	816	399	-5,921
Insurance.....	83,760	112,482	120,400	23,026	34,562	8,496	2,963	4,767	3,183
Real estate.....	40,209	42,682	44,163	2,492	998	1,873	1,075	2,291	1,095
Services.....	64,335	109,504	125,660	21,675	60,539	14,718	1,873	-920	-1,853
Other industries.....	79,281	90,219	113,491	103,913	13,058	35,853	25	-2,008	-2,422

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, 2001" in the September 2002 issue of the Survey of Current Business.

Table G.5. Selected Financial and Operating Data of Nonbank U.S. Affiliates and Majority-Owned Nonbank U.S. Affiliates of Foreign Companies by Country of Ultimate Beneficial Owner and by Industry of Affiliate, 2000

	All nonbank affiliates						Majority-owned nonbank affiliates								
	Millions of dollars					Thousands of employees	Millions of dollars		Millions of dollars				Thousands of employees	Millions of dollars	
	Total assets	Sales	Net income	Gross product	U.S. exports of goods shipped by affiliates		U.S. imports of goods shipped to affiliates	Total assets	Sales	Net income	Gross product	U.S. exports of goods shipped by affiliates		U.S. imports of goods shipped to affiliates	
All countries, all industries	4,847,267	2,334,692	30,641	522,238	6,429.2	165,321	366,647	4,180,503	2,053,022	22,086	449,396	5,562.6	151,521	348,741	
By country															
Canada	434,177	168,457	-3,670	40,514	643.0	9,019	19,509	416,420	159,257	-3,792	36,272	555.2	8,859	19,365	
Europe	3,274,267	1,420,093	27,465	349,863	4,361.9	89,063	145,037	3,020,496	1,247,041	22,226	301,085	3,815.7	81,543	139,222	
<i>Of which:</i>															
France	469,643	193,135	2,516	57,762	648.8	15,194	16,294	390,343	144,432	2,765	38,854	401.0	(D)	(D)	
Germany	572,565	320,249	3,186	57,995	729.8	32,770	53,080	558,092	308,197	2,730	54,033	691.4	32,167	52,740	
Netherlands	582,054	254,092	4,965	46,620	561.4	7,498	21,895	560,755	(D)	(D)	42,641	546.9	7,214	21,827	
Sweden	66,738	42,435	-214	11,096	234.2	4,003	(D)	66,068	41,520	-186	10,724	225.5	3,982	4,696	
Switzerland	695,092	132,392	2,513	39,924	554.0	6,004	8,540	671,046	120,011	2,154	34,015	459.0	5,917	8,373	
United Kingdom	734,634	363,251	14,877	111,871	1,189.9	16,970	25,105	637,335	331,175	12,270	100,143	1,102.8	16,303	24,701	
Latin America and Other Western Hemisphere	146,009	105,033	-599	26,597	275.8	9,272	20,978	136,603	95,183	-813	25,073	262.1	8,998	17,488	
<i>Of which:</i>															
Bermuda	60,491	35,792	-762	11,872	135.7	(D)	1,597	58,264	35,179	-715	11,796	132.2	(D)	1,592	
Mexico	19,507	16,278	46	2,952	57.2	(D)	3,291	18,080	14,977	110	2,759	53.8	(D)	(D)	
Panama	1,679	1,238	18	524	6.8	126	109	1,563	1,170	6	498	6.7	126	109	
United Kingdom Islands, Caribbean	39,199	9,576	-360	1,673	34.1	(D)	1,947	38,679	9,298	-348	1,584	32.3	(D)	1,947	
Venezuela	13,297	29,800	656	6,480	8.3	403	10,590	(D)	(D)	(D)	(D)	H	(D)	(D)	
Africa	11,758	6,449	181	1,322	14.2	474	269	(D)	(D)	(D)	1,283	14.0	(D)	266	
Middle East	29,912	16,011	568	3,150	50.9	802	1,846	27,434	14,301	489	2,434	38.1	789	1,758	
Asia and Pacific	705,084	576,943	1,072	89,282	1,019.5	54,686	177,721	557,549	513,157	3,868	77,928	848.2	48,943	169,450	
<i>Of which:</i>															
Australia	69,095	31,948	-643	9,319	83.3	1,428	1,438	60,519	25,605	-741	7,909	69.6	(D)	(D)	
Japan	558,934	477,831	4,316	72,041	826.8	44,130	151,368	445,551	429,732	5,015	62,241	699.9	40,894	147,125	
United States	246,060	41,707	5,625	11,510	63.9	2,004	1,287	(D)	(D)	(D)	5,320	29.4	(D)	1,192	
By industry ¹															
Manufacturing	1,108,046	979,597	11,796	237,032	2,658.3	101,248	149,875	1,000,442	852,164	10,985	217,358	2,441.9	91,048	134,932	
<i>Of which:</i>															
Food	45,143	47,388	302	11,018	147.6	2,467	4,398	44,099	45,567	296	10,631	140.8	2,374	4,377	
Chemicals	257,094	160,496	3,887	44,832	386.8	15,528	16,388	238,314	145,362	3,195	40,821	356.7	14,295	16,099	
Primary and fabricated metals	65,699	66,282	1,244	17,282	219.2	4,930	7,719	57,252	57,196	669	15,069	204.9	4,125	6,830	
Machinery	66,528	54,207	-885	15,506	230.6	6,735	7,849	64,744	52,612	-36	15,323	223.6	6,545	7,375	
Computers and electronic products	173,303	129,225	-4,847	28,705	337.4	19,329	37,731	137,673	117,587	-3,755	27,229	305.3	14,645	30,463	
Electrical equipment, appliances, and components	66,099	60,221	280	19,878	284.4	8,717	4,284	65,680	59,765	254	19,737	282.7	8,583	4,231	
Transportation equipment	199,695	205,220	3,890	35,016	390.8	30,731	46,806	192,444	193,099	3,519	32,278	358.3	29,213	(D)	
Wholesale trade	407,715	637,978	14,530	86,444	574.4	57,844	207,041	398,811	616,015	13,683	82,849	543.7	54,431	204,816	
Retail trade	74,259	114,977	-279	24,676	674.4	1,535	(D)	60,826	102,648	163	22,346	603.5	(D)	(D)	
Information	318,489	121,684	-4,387	41,878	408.9	709	240	169,464	69,125	-4,050	19,959	242.8	687	161	
<i>Of which:</i>															
Publishing industries	71,021	35,582	98	13,764	139.2	(D)	127	(D)	30,415	-385	10,695	122.8	(D)	(D)	
Broadcasting and telecommunications	165,541	59,205	-3,848	21,895	178.4	5	(D)	38,335	13,517	-3,692	2,837	35.1	(*)	1	
Finance (except depository institutions) and insurance	2,472,481	243,337	10,543	41,433	291.8	(*)	5	2,162,327	211,823	3,396	33,260	252.0	(*)	5	
Real estate and rental and leasing	122,797	25,691	1,331	10,936	49.5	(D)	649	110,543	22,589	1,069	9,418	38.7	(D)	649	
Professional, scientific, and technical services	51,405	32,241	-1,135	9,672	148.9	366	336	46,919	29,665	-634	9,038	133.4	356	336	
Other industries	292,075	179,186	-1,759	70,167	1,623.1	(D)	(D)	231,172	148,994	-2,527	55,169	1,306.7	3,242	(D)	

D Suppressed to avoid disclosure of data of individual companies.

* Less than \$500,000.

1. The industry classification system used to classify the data for U.S. affiliates is based on the North American Industry Classification System. Prior to 1997, the affiliate data were classified using an industry classification system based on the Standard Industrial Classification system.

Notes: The data in this table are from BEA's annual survey of the operations of U.S. affiliates of foreign companies; see "U.S. Affiliates of Foreign Companies: Operations in 2000," in the August 2002 issue of the Survey of Current Business. Size ranges are given in employment cells that are suppressed. The size ranges are: A—1 to 499; F—500 to 999; G—1,000 to 2,499; H—2,500 to 4,999; I—5,000 to 9,999; J—10,000 to 24,999; K—25,000 to 49,999; L—50,000 to 99,999; M—100,000 or more.

H. International Perspectives

The quarterly data in this table are shown in the middle month of the quarter.

Table H.1. International Perspectives

	2000	2001	2001						2002							
			July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.
Exchange rates per U.S. dollar (not seasonally adjusted) ¹																
Canada (Can.\$/US\$).....	1.4855	1.5490	1.5308	1.5399	1.5679	1.5717	1.5922	1.5788	1.5997	1.5964	1.5877	1.5815	1.5502	1.5318	1.5456	1.5694
Euro area (US\$/Euro) ²	0.9234	0.8955	0.8615	0.9014	0.9114	0.9050	0.8883	0.8912	0.8832	0.8707	0.8766	0.8860	0.9170	0.9561	0.9935	0.9781
Japan (Y/US\$).....	1.0782	1.2152	1.2450	1.2137	1.1861	1.2145	1.2241	1.2759	1.3268	1.3364	1.3106	1.3077	1.2638	1.2329	1.1790	1.1899
Mexico (Peso/US\$).....	9.4590	9.3408	9.1680	9.1330	9.4250	9.3390	9.2250	9.1570	9.164	9.1050	9.0640	9.1650	9.5100	9.7670	9.7790	9.8390
United Kingdom (US\$/£).....	1.5159	1.4401	1.4148	1.4372	1.4638	1.4501	1.4356	1.4413	1.4322	1.4227	1.4230	1.4429	1.4598	1.4837	1.5565	1.5368
Addendum: Exchange value of the U.S. dollar ³	119.67	126.09	127.65	125.62	125.97	126.86	127.33	127.52	129.26	130.03	129.27	128.95	127.35	125.96	124.20	125.64
Unemployment rates (percent, monthly data seasonally adjusted)																
Canada.....	6.8	7.2	7.1	7.3	7.2	7.4	7.6	8.0	7.9	7.9	7.7	7.6	7.7	7.5	7.6	7.5
France.....	9.5	8.7	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.0	9.0
Germany.....	9.6	9.4	9.3	9.3	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.7	9.8	9.8	9.8
Italy.....	10.6	9.5	.....	9.4	.....	9.2	.....	.....	.....	.....	.....	.....	9.1	.....	.....	9.0
Japan.....	4.7	5.0	5.0	5.0	5.3	5.3	5.4	5.5	5.3	5.3	5.2	5.2	5.4	5.4	5.4	5.4
Mexico.....	2.2	2.5	2.5	2.3	2.4	2.7	2.6	2.8	2.8	2.5	2.7	2.7	2.7	2.6	2.9	2.8
United Kingdom.....	3.6	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.1	3.1
Addendum: United States.....	4.0	4.8	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7	6.0	5.8	5.9	5.9	5.7
Consumer prices (monthly data seasonally adjusted, 1995=100)																
Canada.....	109.0	111.7	112.4	112.4	112.7	112.1	111.1	111.2	111.5	112.2	113.0	113.6	113.8	114.2	114.8	115.3
France.....	106.3	108.1	108.4	108.4	108.6	108.7	108.4	108.5	109.0	109.1	109.6	110.1	110.2	110.2	110.2	110.4
Germany.....	107.0	109.6	110.2	110.0	110.0	109.7	109.5	109.6	110.6	110.9	111.1	111.2	111.2	111.1	111.3	111.2
Italy.....	112.8	115.9	116.3	116.3	116.3	116.5	116.7	116.8	117.3	117.7	118.0	118.3	118.6	118.7	118.9	119.1
Japan.....	101.5	100.8	100.5	100.9	100.7	100.7	100.2	100.1	99.9	99.4	99.6	99.9	100.2	100.1	99.7	100.0
Mexico.....	239.9	255.2	253.9	255.4	257.8	259.0	260.0	260.3	262.7	262.6	263.9	265.3	265.9	267.2	267.9	269.0
United Kingdom.....	114.2	116.3	116.3	116.7	117.1	116.9	116.5	116.3	116.3	116.6	117.1	117.9	118.2	118.2	118.0	118.3
Addendum: United States.....	113.0	116.2	116.4	116.4	116.9	116.6	116.5	116.4	116.6	116.8	117.2	117.8	117.8	117.9	118.1	118.5
Real gross domestic product (percent change from preceding quarter, quarterly data seasonally adjusted at annual rates)																
Canada.....	4.5	1.5	.....	-0.5	.....	.....	2.9	.....	.....	6.2	.....	.....	4.3	.....	.....	.....
France.....	3.8	1.8	.....	2.0	.....	.....	-2.0	.....	.....	2.4	.....	.....	1.6	.....	.....	.....
Germany.....	3.1	0.7	.....	-0.8	.....	.....	-1.2	.....	.....	1.1	.....	.....	1.1	.....	.....	.....
Italy.....	2.9	1.8	.....	0.3	.....	.....	-0.9	.....	.....	0.5	.....	.....	0.9	.....	.....	.....
Japan.....	2.4	-0.1	.....	-2.6	.....	.....	-2.8	.....	.....	0.0	.....	.....	2.6	.....	.....	.....
United Kingdom.....	3.1	2.0	.....	1.4	.....	.....	0.9	.....	.....	0.5	.....	.....	2.5	.....	.....	.....
Addendum: United States.....	3.8	0.3	.....	-0.3	.....	.....	2.7	.....	.....	5.0	.....	.....	1.3	.....	.....	3.1
Short-term, 3-month, interest rates (percent, not seasonally adjusted)																
Canada.....	5.78	3.98	4.31	4.06	3.49	2.84	2.24	2.10	2.01	2.11	2.22	2.39	2.59	2.76	2.85	2.93
Euro area.....	4.39	4.26	4.47	4.35	3.98	3.60	3.39	3.34	3.34	3.36	3.39	3.41	3.47	3.46	3.41	3.35
Mexico.....	16.15	12.24	10.25	8.54	10.88	9.68	8.69	7.53	7.35	8.17	7.31	6.16	6.69	7.49	7.88	7.07
United Kingdom.....	6.11	4.97	5.19	4.93	4.65	4.36	3.93	3.99	3.98	3.98	4.06	4.11	4.08	4.11	3.99	3.92
Addendum: United States.....	5.82	3.40	3.51	3.36	2.64	2.16	1.87	1.69	1.65	1.73	1.79	1.72	1.73	1.70	1.68	1.62
Long-term interest rates, government bond yields (percent, not seasonally adjusted)																
Canada.....	5.92	5.79	6.05	5.85	5.80	5.66	5.55	5.72	5.69	5.69	5.93	5.93	5.87	.....	.....	.....
Euro area.....	5.44	5.03	5.25	5.06	5.04	4.82	4.67	4.96	5.02	5.07	5.32	5.30	5.30	5.16	5.03	4.73
France.....	5.89	5.38	5.46	5.29	5.26	5.04	5.07	5.35	5.39	5.42	5.57	5.56	5.59	5.45	5.48	4.99
Germany.....	5.3	4.8	5.0	4.8	4.8	4.6	4.5	4.7	4.9	4.9	5.2	5.2	5.2	5.0	4.9	4.6
Italy.....	5.58	5.19	5.40	5.22	5.20	4.96	4.80	5.05	5.14	5.20	5.41	5.40	5.41	5.26	5.11	4.83
Japan.....	1.74	1.32	1.31	1.34	1.35	1.36	1.33	1.33	1.42	1.50	1.42	1.39	1.37	1.33	1.30	1.26
United Kingdom.....	5.31	4.94	5.19	4.97	4.98	4.83	4.63	4.90	4.94	4.97	5.25	5.26	5.29	5.12	5.01	4.71
Addendum: United States.....	6.03	5.02	5.24	4.97	4.73	4.57	4.65	5.09	5.04	4.91	5.28	5.21	5.16	4.93	4.65	4.26
Share price indices (not seasonally adjusted, 1995=100)																
Canada.....	216.7	174.4	173.4	166.9	154.2	155.3	167.5	173.4	172.5	172.3	177.1	172.8	172.7	161.2	149.0	149.1
France.....	321.7	260.1	259.4	255.0	214.1	220.4	234.5	236.5	237.3	229.7	243.9	241.6	234.5	212.8	188.9	183.5
Germany.....	260.3	196.4	201.3	190.1	157.3	163.8	175.5	178.9	182.8	176.2	187.5	184.1	176.0	159.8	145.2	134.3
Italy.....	319.0	258.8	259.3	256.0	210.0	216.6	225.7	228.7	229.5	223.0	238.3	239.7	229.4	209.1	192.8	190.1
Japan.....	97.7	69.3	68.6	61.9	56.5	59.9	61.8	60.9	57.8	61.2	63.7	66.4	68.0	61.4	57.1	55.6
Mexico.....	293.6	275.7	291.7	284.4	243.5	249.5	262.8	287.1	312.2	303.4	340.7	337.1	316.8	291.1	271.3	280.1
United Kingdom.....	178.5	147.9	145.5	143.2	130.0	132.8	137.8	136.9	136.6	135.1	139.5	137.6	135.2	124.9	111.9	111.3
Addendum: United States.....	221.4	207.8	210.7	207.6	187.0	191.0	197.6	200.2	199.8	195.6	206.3	201.8	197.8	187.0	167.0	168.9

1. All exchange rates are from the Board of Governors of the Federal Reserve System.
2. Rates for selected euro-area currencies can be derived by using the following conversion rates: 1 euro = 6.55957 French francs, 1.95583 German marks, and 1936.27 Italian lire.

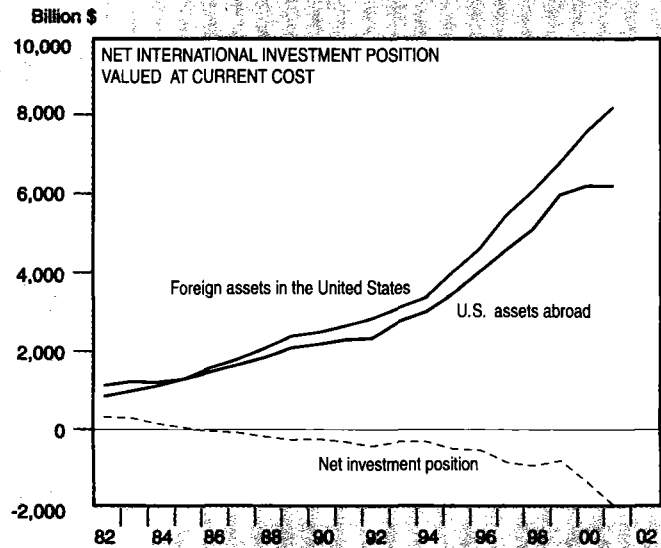
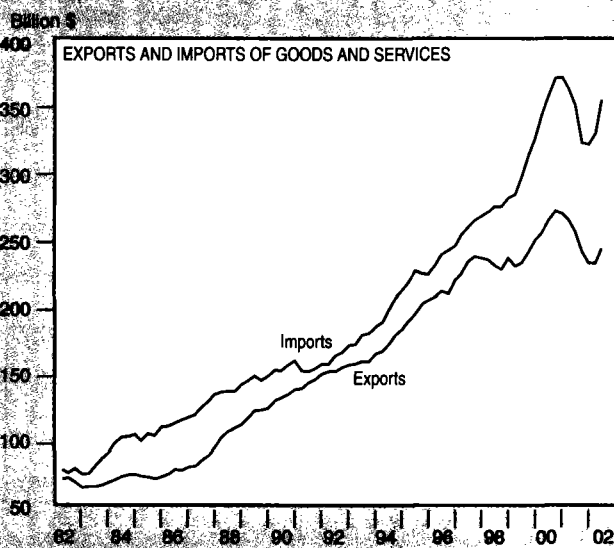
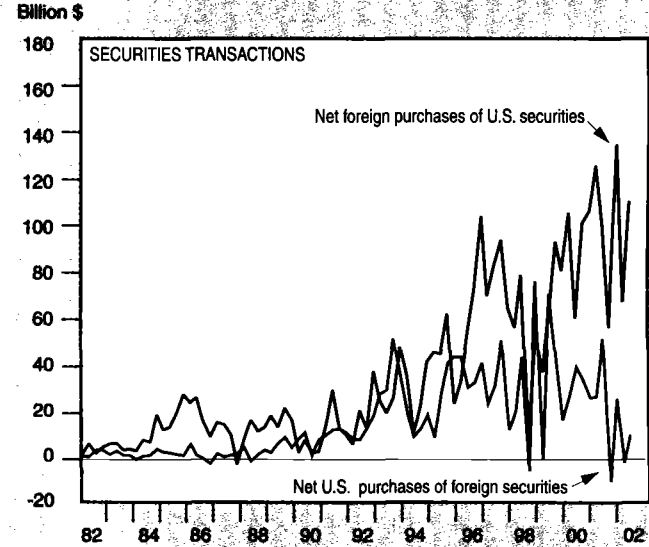
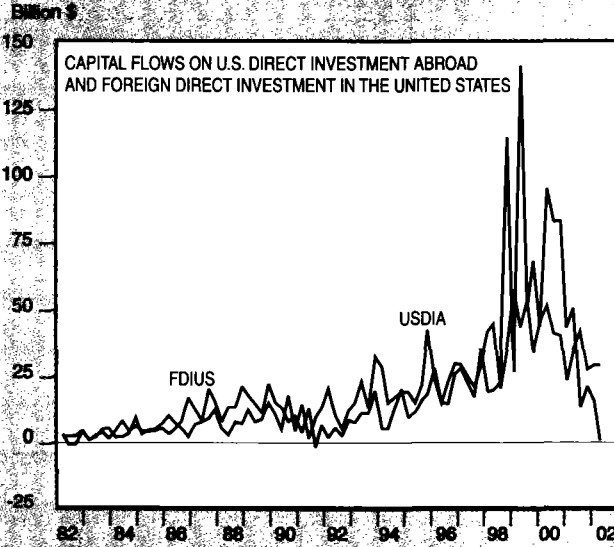
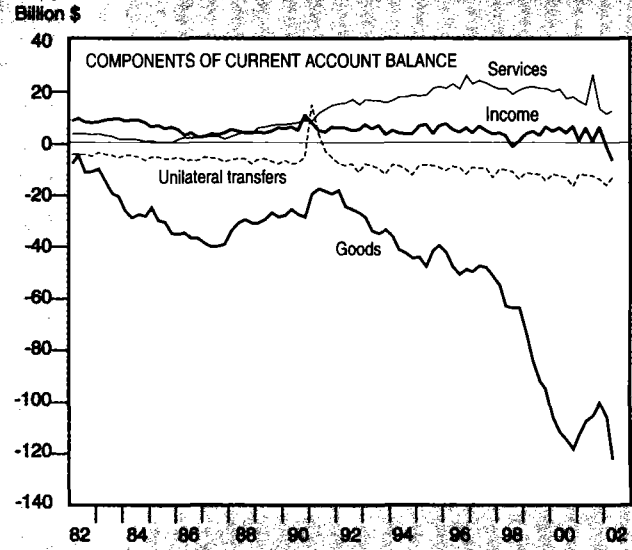
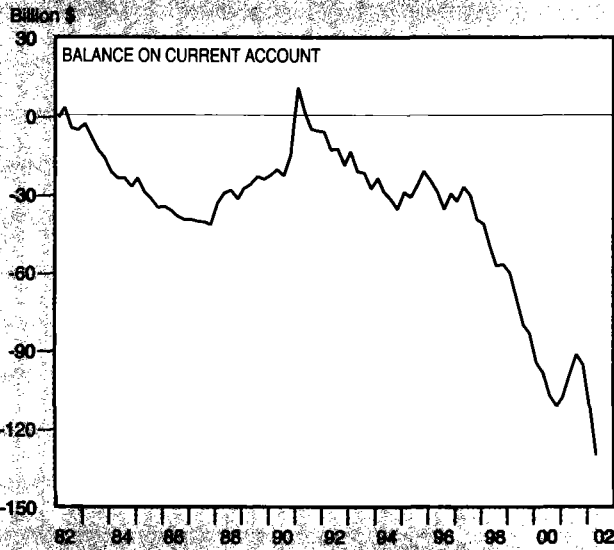
3. The rate shown for the United States is an index of the weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of major U.S. trading partners, January 1997=100. For more information on the exchange rate indexes, see "New Summary Measures of the Foreign Exchange Value of

the Dollar," *Federal Reserve Bulletin*, vol. 84 (October 1998), pp. 811-18.

Note. U.S. interest rates, unemployment rates, and GDP growth rates are from the Federal Reserve, the Bureau of Labor Statistics, and BEA, respectively. GDP growth rates for other countries are calculated from levels published by those countries. Most other data (including U.S. consumer prices and U.S. share prices, both of which have been rebased to 1995 to facilitate comparison) are © OECD and are reproduced with permission.

I. Charts

THE U.S. IN THE INTERNATIONAL ECONOMY



U.S. 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 estimates of State personal income and the estimates of gross state product are available on CD-ROM. For information on State personal income, e-mail reis.remd@bea.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.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 by State and Region

(Millions of dollars, seasonally adjusted at annual rates)

Area name	1998		1999				2000				2001				2002		Percent change 1 2002:I- 2002:II
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	
United States	7,483,312	7,568,387	7,647,688	7,715,358	7,801,465	7,953,533	8,203,812	8,340,348	8,481,147	8,569,877	8,652,160	8,669,921	8,697,998	8,692,940	8,794,858	8,904,969	1.3
New England	441,848	447,023	448,822	454,620	463,459	472,177	492,215	499,073	509,572	516,386	522,932	520,678	519,699	518,451	523,464	530,833	1.4
Connecticut	125,883	127,584	127,910	129,499	131,798	133,841	137,643	140,959	142,385	144,518	146,171	145,566	145,221	144,408	145,983	147,751	1.2
Maine	29,777	30,138	29,793	30,378	31,263	31,126	32,056	32,693	33,022	33,403	34,210	34,276	34,443	34,608	35,400	35,861	1.3
Massachusetts	207,654	209,727	211,381	214,040	218,268	223,600	235,357	238,015	244,559	247,339	250,286	248,478	247,285	246,759	248,052	251,716	1.5
New Hampshire	35,736	36,297	36,212	36,802	37,547	38,451	40,723	41,151	41,918	42,728	43,020	42,993	42,966	42,965	43,238	43,835	1.4
Rhode Island	27,914	28,256	28,319	28,480	28,927	29,270	30,152	30,486	30,968	31,305	31,868	31,865	32,200	32,049	32,946	33,548	1.8
Vermont	14,884	15,011	15,208	15,420	15,657	15,890	16,283	16,668	16,720	17,094	17,378	17,500	17,583	17,662	17,866	18,121	1.4
Mideast	1,412,373	1,421,284	1,438,991	1,445,865	1,465,140	1,480,655	1,531,383	1,563,518	1,585,269	1,617,843	1,626,431	1,623,587	1,629,240	1,628,390	1,641,278	1,664,095	1.4
Delaware	22,002	22,222	22,463	22,464	22,826	23,243	24,083	24,518	24,971	25,495	25,572	25,796	26,072	25,972	26,660	27,114	1.7
District of Columbia	20,526	20,574	20,216	20,348	20,539	20,900	21,634	22,012	22,242	22,743	22,807	23,036	22,972	23,019	23,309	23,612	1.3
Maryland	160,027	161,960	164,610	165,981	168,105	170,286	176,048	178,670	181,761	184,933	187,539	188,899	189,959	190,170	193,823	196,618	1.4
New Jersey	281,839	283,122	285,764	286,113	288,093	295,277	307,154	313,871	319,804	326,553	325,495	328,753	327,663	327,982	333,924	338,485	1.4
New York	595,243	596,684	608,705	610,166	622,436	622,305	645,590	659,799	668,911	685,410	688,789	683,235	683,580	683,421	676,465	685,853	1.4
Pennsylvania	332,736	336,723	337,232	340,792	343,141	348,645	356,874	362,649	367,581	372,709	376,229	376,868	378,925	377,825	387,098	392,413	1.4
Great Lakes	1,214,013	1,228,958	1,235,779	1,245,648	1,255,059	1,277,147	1,313,496	1,328,376	1,343,526	1,350,276	1,360,571	1,363,568	1,371,186	1,366,898	1,377,331	1,392,795	1.1
Illinois	365,576	368,550	367,926	373,645	373,545	381,115	391,540	398,199	404,792	409,590	412,233	411,340	413,747	411,479	414,141	418,531	1.1
Indiana	150,399	152,112	153,063	153,571	154,930	158,111	163,200	165,511	167,661	168,679	169,300	169,454	170,505	170,282	171,799	173,182	0.8
Michigan	264,078	269,260	272,781	274,884	277,349	281,152	291,320	293,083	295,077	295,496	295,990	299,595	298,898	297,956	297,935	302,749	1.6
Ohio	294,817	298,672	300,836	302,825	304,691	309,709	317,512	319,216	321,969	322,811	325,760	327,376	329,274	328,568	332,514	335,314	0.8
Wisconsin	139,143	140,365	141,174	142,743	144,443	147,061	149,917	152,366	154,027	155,500	157,288	157,802	158,316	158,613	160,942	163,018	1.3
Plains	497,933	503,371	503,233	507,623	512,874	524,706	534,339	545,888	553,932	566,687	563,250	565,003	568,855	568,775	578,488	583,397	0.9
Iowa	71,937	72,789	71,740	71,928	73,279	74,699	76,285	77,725	78,428	78,783	79,642	79,761	80,123	80,046	81,433	81,570	0.2
Kansas	68,462	69,095	68,693	69,121	69,883	72,143	72,019	73,888	75,539	75,049	76,487	76,689	77,419	77,296	79,352	80,342	1.2
Minnesota	141,075	143,235	144,211	146,001	147,027	150,326	154,243	157,886	160,468	162,672	164,043	164,370	165,031	164,912	167,015	168,648	1.0
Missouri	140,245	141,130	141,849	142,888	143,998	146,696	150,256	153,412	155,402	156,248	157,887	158,423	159,641	159,673	161,694	162,788	0.7
Nebraska	43,358	44,128	44,309	44,555	45,472	46,662	46,575	47,344	48,034	48,182	48,973	49,298	49,751	49,993	51,174	51,922	1.5
North Dakota	14,808	15,026	14,543	14,782	14,750	15,298	15,738	16,079	16,167	16,125	16,318	16,370	16,565	16,481	17,051	16,967	-0.3
South Dakota	17,547	17,969	17,889	18,249	18,454	18,880	19,223	19,483	19,593	19,738	19,899	20,093	20,326	20,378	20,749	21,130	1.8
Southeast	1,655,282	1,672,523	1,694,819	1,709,104	1,721,949	1,752,727	1,800,702	1,831,731	1,856,700	1,877,505	1,900,422	1,913,861	1,922,488	1,925,425	1,953,978	1,978,356	1.2
Alabama	97,114	98,104	99,166	100,053	100,816	102,168	103,959	105,595	106,244	107,387	109,010	109,740	110,160	110,582	111,548	112,647	1.0
Arkansas	54,106	54,693	55,160	55,691	56,110	57,056	58,101	58,841	59,566	59,922	61,041	61,380	61,843	62,036	63,205	64,511	1.5
Florida	409,057	411,861	418,844	423,249	426,135	430,674	443,255	451,126	457,616	464,427	469,110	474,193	477,155	478,044	486,256	492,621	1.3
Georgia	202,621	205,842	210,045	214,040	218,127	226,798	230,687	236,246	239,983	239,297	240,495	241,700	242,091	245,518	248,826	251,518	1.3
Kentucky	88,993	89,511	89,526	90,365	91,305	93,177	96,405	97,525	98,850	99,719	100,591	100,934	101,980	101,801	103,011	104,378	1.3
Louisiana	98,137	98,633	98,029	98,742	98,949	100,470	101,992	103,477	104,421	105,409	107,745	108,827	110,406	111,263	112,945	114,077	1.0
Mississippi	55,540	56,056	56,052	56,442	57,225	57,961	58,835	59,810	60,357	60,521	61,795	61,969	62,278	62,611	63,919	64,731	1.1
North Carolina	194,497	196,993	200,510	202,258	201,069	207,140	213,692	217,427	220,574	222,454	225,421	225,430	225,125	224,959	229,148	231,609	1.3
South Carolina	87,748	88,942	89,545	90,673	91,618	93,161	95,281	97,533	98,439	99,384	100,888	100,766	101,537	101,249	102,694	104,239	1.5
Tennessee	135,340	136,750	138,365	140,368	141,762	143,971	147,778	149,624	151,432	152,544	154,051	154,840	155,587	155,165	158,609	159,901	0.8
Virginia	195,117	198,038	202,601	202,094	205,299	209,754	215,897	220,691	224,854	228,459	230,703	234,189	233,312	234,224	238,826	238,499	1.6
West Virginia	37,011	37,102	37,025	37,234	37,621	38,072	38,699	39,405	39,712	40,206	40,771	41,096	41,403	41,651	42,300	42,678	0.9
Southwest	743,768	752,962	758,063	769,139	777,229	795,139	819,645	834,563	850,355	869,502	872,148	873,026	878,644	879,806	888,385	899,802	1.3
Arizona	114,206	116,148	117,100	119,715	121,059	123,155	129,038	132,392	131,796	133,700	135,454	137,088	138,817	137,895	140,320	141,674	1.0
New Mexico	37,003	37,430	37,149	37,670	37,882	38,386	38,837	39,676	40,025	40,549	41,543	42,070	42,709	43,092	43,957	44,168	1.0
Oklahoma	75,165	75,584	76,271	77,046	77,503	79,075	80,578	82,405	84,030	85,127	86,002	86,432	87,194	87,460	88,664	90,107	1.6
Texas	517,394	523,800	527,543	534,708	540,784	554,524	571,192	585,090	594,504	600,126	609,149	607,435	610,014	611,359	615,445	623,852	1.5
Rocky Mountain	228,131	228,817	232,570	236,012	238,695	245,840	251,980	259,380	264,940	268,028	270,446	271,647	272,192	271,659	274,418	277,683	1.2
Colorado	119,336	121,719	124,591	126,788	128,293	133,095	136,267	141,628	145,827	147,265	148,328	148,167	147,797	147,150	147,774	150,422	1.8
Idaho	27,249	27,640	28,339	28,587	29,006	29,790	30,631	31,195	31,504	31,925	32,235	32,484	32,697	32,884	33,502	33,566	0.2
Montana	19,082	19,237	19,094	19,330	19,218	19,878	20,173	20,525	20,909	21,103	21,386	21,633	2				

Table J.2. Annual Personal Income and Per Capita Personal Income for States and Regions

Area name	Personal income						Percent change ²	Per capita personal income ¹						Rank in U.S.
	Millions of dollars							Dollars						
	1996	1997	1998	1999	2000	2001		1996	1997	1998	1999	2000	2001	
United States	6,538,103	6,928,545	7,418,497	7,779,511	8,398,796	8,678,255	3.3	24,270	25,412	26,893	27,880	29,770	30,472	.....
New England	384,144	408,231	437,134	459,770	504,311	520,440	3.2	28,340	29,924	31,829	33,226	36,167	37,115	.....
Connecticut.....	109,354	116,421	124,880	130,762	141,151	145,341	3.0	32,773	34,759	37,108	38,614	41,392	42,435	1
Maine.....	26,434	27,773	29,469	30,640	32,793	34,384	4.9	21,163	22,134	23,404	24,187	25,681	26,723	35
Massachusetts.....	180,237	191,596	205,176	216,822	241,318	248,202	2.9	29,166	30,773	32,714	34,322	37,960	38,907	2
New Hampshire.....	30,228	32,397	35,198	37,253	41,630	42,986	3.3	25,733	27,238	29,187	30,485	33,576	34,138	6
Rhode Island.....	24,818	26,293	27,673	28,749	30,728	31,995	4.1	24,310	25,643	26,837	27,632	29,258	30,215	16
Vermont.....	13,073	13,752	14,738	15,544	16,691	17,531	5.0	22,019	23,026	24,547	25,705	27,376	28,594	26
Mideast	1,255,345	1,315,810	1,400,562	1,457,663	1,574,504	1,626,912	3.3	27,661	28,868	30,565	31,616	33,956	34,968	.....
Delaware.....	19,369	20,145	21,879	22,749	24,767	25,853	4.4	26,140	26,807	28,662	29,354	31,500	32,472	11
District of Columbia.....	18,517	19,135	20,255	20,501	22,158	22,959	3.6	32,352	33,704	35,836	36,953	38,801	40,150	.....
Maryland.....	140,809	148,826	158,501	167,246	180,353	189,142	4.9	27,545	28,857	30,455	31,829	33,959	35,188	5
New Jersey.....	246,659	260,705	278,788	288,812	317,346	326,723	3.0	30,266	31,720	33,640	34,549	37,649	38,509	3
New York.....	530,990	553,543	590,406	615,903	684,927	684,774	3.0	28,566	29,670	31,478	32,617	35,016	36,019	4
Pennsylvania.....	299,001	313,457	330,733	342,452	364,953	377,661	3.4	24,467	25,635	27,008	27,924	29,713	30,720	15
Great Lakes	1,079,799	1,138,557	1,206,886	1,253,408	1,332,919	1,365,555	2.4	24,408	25,589	26,983	27,873	29,505	30,103	.....
Illinois.....	322,790	340,594	362,081	373,578	401,030	412,200	2.8	26,672	27,950	29,505	30,227	32,248	33,023	9
Indiana.....	132,890	139,459	149,318	154,919	165,815	169,885	2.5	22,501	23,418	24,891	25,628	27,228	27,783	31
Michigan.....	238,095	250,216	264,520	276,541	293,744	297,609	1.3	24,938	25,509	26,860	27,942	29,516	29,788	18
Ohio.....	264,162	279,367	293,208	304,515	320,377	327,745	2.3	23,496	24,772	25,921	26,864	28,202	28,816	24
Wisconsin.....	121,864	128,920	137,759	143,855	152,953	158,116	3.4	23,301	24,481	26,004	26,976	28,471	29,270	20
Plains	439,948	462,173	493,714	512,109	547,631	566,457	3.4	23,520	24,517	26,001	26,769	28,429	29,313	.....
Iowa.....	64,696	67,938	71,280	72,912	77,790	79,893	2.7	22,464	23,499	24,555	24,990	26,572	27,331	33
Kansas.....	60,074	63,728	67,896	69,960	74,124	76,973	3.8	22,977	24,182	25,519	26,121	27,537	28,565	28
Minnesota.....	122,080	129,020	140,031	146,891	158,817	164,589	3.6	25,904	27,086	29,092	30,141	32,207	33,101	8
Missouri.....	123,992	131,144	138,987	143,858	153,830	158,906	3.3	22,828	23,926	25,171	25,865	27,452	28,226	29
Nebraska.....	39,618	40,724	43,313	45,274	47,534	49,489	4.1	23,670	24,148	25,541	26,558	27,756	28,886	23
North Dakota.....	13,607	13,332	14,709	14,846	16,027	16,434	2.5	20,921	20,520	22,716	23,043	25,907	25,902	37
South Dakota.....	15,883	16,288	17,497	18,368	19,509	20,174	3.4	21,399	21,885	23,453	24,477	25,823	26,664	36
Southeast	1,445,912	1,532,165	1,639,428	1,719,649	1,841,660	1,915,549	4.0	22,038	22,966	24,242	25,079	26,501	27,246	.....
Alabama.....	87,221	91,284	96,481	100,532	105,796	109,773	3.8	20,138	20,899	21,904	22,693	23,766	24,589	43
Arkansas.....	48,700	51,055	53,784	56,004	59,203	61,613	4.1	18,934	19,628	20,479	21,119	22,108	22,887	48
Florida.....	355,136	377,673	405,146	424,726	454,106	474,626	4.5	23,909	24,869	26,161	26,951	28,286	28,947	22
Georgia.....	172,935	183,757	200,104	213,927	232,179	240,896	3.8	23,055	23,911	25,447	26,571	28,212	28,733	25
Kentucky.....	78,221	82,927	88,148	91,093	98,125	101,326	3.3	19,957	20,979	22,118	22,671	24,244	24,923	40
Louisiana.....	87,879	92,286	97,458	99,047	109,824	109,560	5.5	19,978	20,874	21,948	22,204	23,227	24,535	44
Mississippi.....	48,898	51,598	55,072	56,920	59,881	62,163	3.8	17,793	18,580	19,635	20,124	21,017	21,750	50
North Carolina.....	167,638	179,691	192,577	202,744	218,537	225,234	3.1	22,330	23,468	24,661	25,504	27,055	27,514	32
South Carolina.....	76,287	81,045	86,672	91,249	97,659	101,110	3.5	20,096	20,996	22,115	22,958	24,273	24,886	41
Tennessee.....	119,287	125,457	134,241	141,117	150,344	154,911	3.0	22,022	22,814	24,101	25,026	26,367	26,988	34
Virginia.....	169,938	180,190	193,007	204,937	222,498	233,107	4.8	25,173	26,385	27,968	29,276	31,320	32,431	12
West Virginia.....	33,771	35,202	36,738	37,488	39,506	41,230	4.4	18,527	19,351	20,234	20,691	21,861	22,881	49
Southwest	624,034	677,462	736,392	774,892	841,016	875,906	4.1	21,504	22,868	24,352	25,137	26,796	27,439	.....
Arizona.....	95,787	103,702	112,895	120,257	130,982	137,314	4.8	20,883	21,892	23,118	23,937	25,358	25,872	38
New Mexico.....	33,232	34,860	36,857	37,772	39,772	42,354	6.5	18,964	19,641	20,551	20,891	21,837	23,155	47
Oklahoma.....	66,289	69,951	74,677	77,474	83,035	86,750	4.5	19,846	20,739	21,930	22,540	24,046	25,071	39
Texas.....	428,726	468,950	511,964	539,390	587,228	606,489	3.8	22,167	23,756	25,398	26,237	28,035	28,581	27
Rocky Mountain	192,141	206,847	223,322	238,279	261,082	271,486	4.0	22,432	23,651	25,041	26,200	28,190	28,859	.....
Colorado.....	100,012	108,765	118,413	128,192	142,752	147,860	3.6	25,514	27,067	28,764	30,334	33,018	33,470	7
Idaho.....	24,173	25,226	27,066	28,931	31,314	32,525	3.9	20,093	20,534	21,612	22,679	24,101	24,621	42
Montana.....	16,992	17,726	18,942	19,380	20,678	21,673	4.8	19,173	19,920	21,225	21,593	22,895	23,963	46
Utah.....	40,354	43,696	46,772	48,923	52,622	54,884	4.3	19,514	20,613	21,594	22,202	23,476	24,180	45
Wyoming.....	10,609	11,433	12,129	12,855	13,717	14,544	6.0	21,732	23,360	24,714	26,139	27,767	29,416	19
Far West	1,116,779	1,187,299	1,281,057	1,363,741	1,494,673	1,535,950	2.8	25,201	26,353	27,972	29,324	31,669	32,047	.....
Alaska.....	15,762	16,488	17,138	17,570	18,773	19,641	4.6	25,901	26,898	27,645	28,122	29,913	30,936	14
California.....	812,404	861,557	931,564	994,862	1,099,375	1,128,256	2.6	25,373	26,521	28,240	29,698	32,334	32,702	10
Hawaii.....	30,393	31,218	31,841	32,573	34,308	35,510	3.5	25,249	25,765	26,201	26,913	28,301	29,002	21
Nevada.....	43,331	47,258	52,017	55,330	59,948	62,966	5.0	26,004	26,789	28,069	28,598	29,696	29,897	17
Oregon.....	75,561	80,575	85,305	89,084	95,406	97,814	2.5	23,270	24,385	25,446	26,248	27,821	28,165	30
Washington.....	139,328	150,203	163,192	174,321	186,863	191,763	2.6	25,015	26,469	28,285	29,836	31,627	32,025	13

1. Per capita personal income was computed using midyear population estimates of the Bureau of the Census.

2. Percent change was calculated from 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 estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the

estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Source: Table 1 "State Personal Income, Revised Estimates for 1999-2001" in the October 2002 issue of the Survey of Current Business.

Table J.3. Disposable Personal Income and Per Capita Disposable Personal Income for States and Regions

Area name	Disposable personal income						Percent change ²	Per capita disposable personal income ¹						Rank in U.S.
	Millions of dollars							Dollars						
	1996	1997	1998	1999	2000	2001		1996	1997	1998	1999	2000	2001	
United States	5,669,393	5,960,749	6,349,151	6,621,480	7,113,559	7,387,363	3.8	21,045	21,863	23,016	23,729	25,214	25,939	
New England	326,543	342,605	364,015	379,838	410,306	428,879	4.5	24,091	25,114	26,505	27,450	29,425	30,586	
Connecticut.....	91,536	95,724	101,699	105,830	112,817	117,239	3.9	27,433	28,580	30,219	31,252	33,083	34,230	1
Maine.....	23,257	24,200	25,480	26,400	28,111	29,593	5.3	18,620	19,286	20,236	20,839	22,014	23,000	37
Massachusetts.....	151,896	159,674	169,596	177,269	193,290	202,402	4.7	24,580	25,646	27,041	28,061	30,406	31,728	3
New Hampshire.....	26,610	28,200	30,578	32,116	35,516	37,003	4.2	22,652	23,709	25,356	26,282	28,645	29,387	6
Rhode Island.....	21,780	22,851	23,898	24,787	26,237	27,503	4.8	21,334	22,286	23,176	23,824	24,982	25,973	16
Vermont.....	11,463	11,955	12,764	13,436	14,336	15,139	5.6	19,308	20,018	21,258	22,220	23,513	24,693	25
Mideast	1,073,172	1,114,511	1,178,249	1,217,422	1,309,804	1,360,181	3.8	23,647	24,452	25,714	26,405	28,247	29,235	
Delaware.....	16,547	16,987	18,470	19,202	20,935	21,967	4.9	22,332	22,605	24,196	24,777	26,628	27,591	10
District of Columbia.....	15,862	16,120	16,921	16,793	18,024	18,782	4.2	27,712	28,393	29,937	29,454	31,562	32,845	
Maryland.....	119,755	125,597	133,060	140,126	150,250	158,291	5.4	23,426	24,353	25,566	26,668	28,291	29,449	5
New Jersey.....	211,334	220,964	234,080	240,089	262,179	272,356	3.9	25,932	26,885	28,245	28,720	31,104	32,101	2
New York.....	450,040	464,468	491,784	507,736	546,368	565,238	3.5	24,211	24,896	26,220	26,889	28,772	29,732	4
Pennsylvania.....	259,634	270,375	283,933	293,475	312,047	323,546	3.7	21,246	22,111	23,186	23,930	25,406	26,332	15
Great Lakes	930,464	975,464	1,029,255	1,067,782	1,138,249	1,167,753	2.6	21,032	21,924	23,011	23,750	25,177	25,742	
Illinois.....	278,447	291,507	307,987	316,463	339,330	349,489	3.0	23,008	23,922	25,097	25,606	27,286	27,999	8
Indiana.....	114,831	119,826	128,475	133,378	143,459	147,316	2.7	19,443	20,121	21,417	22,064	23,557	24,092	30
Michigan.....	204,949	214,500	225,186	235,489	251,045	254,749	1.5	21,002	21,868	22,866	23,794	25,226	25,498	18
Ohio.....	227,746	239,900	250,838	260,567	273,908	280,623	2.5	20,257	21,273	22,175	22,987	24,112	24,673	26
Wisconsin.....	104,491	109,732	116,768	121,886	130,508	135,576	3.9	19,979	20,837	22,041	22,856	24,293	25,098	21
Plains	382,827	399,625	425,703	441,343	471,343	488,468	3.6	20,466	21,199	22,420	23,096	24,469	25,278	
Iowa.....	56,896	59,294	62,181	63,449	67,935	69,760	2.7	17,756	20,509	21,421	21,747	23,206	23,864	33
Kansas.....	52,367	55,113	58,652	60,275	63,777	66,307	4.0	20,029	20,913	22,045	22,505	23,694	24,607	28
Minnesota.....	103,586	109,183	118,006	124,709	133,731	139,216	4.1	21,980	22,921	24,516	25,589	27,120	27,998	9
Missouri.....	108,364	114,001	120,352	124,478	133,054	137,633	3.4	19,951	20,799	21,796	22,380	23,745	24,448	29
Nebraska.....	34,932	35,531	37,620	39,248	41,068	42,868	4.4	20,871	21,069	22,184	23,022	23,980	25,022	23
North Dakota.....	12,226	11,853	13,143	13,245	14,302	14,635	2.3	18,798	18,244	20,297	20,558	22,315	23,068	36
South Dakota.....	14,456	14,650	15,748	16,432	17,475	18,049	3.3	19,477	19,684	21,109	21,897	23,130	23,856	34
Southeast	1,269,457	1,336,061	1,423,978	1,490,466	1,594,045	1,661,737	4.2	19,348	20,044	21,056	21,737	22,938	23,636	
Alabama.....	77,079	80,342	84,855	86,376	93,060	96,677	3.9	17,797	18,394	19,265	19,949	20,905	21,655	42
Arkansas.....	43,230	45,063	47,302	49,265	51,959	54,192	4.3	16,807	17,325	18,011	18,577	19,402	20,130	49
Florida.....	312,805	329,682	351,912	368,190	391,323	410,136	4.8	21,060	21,709	22,724	23,363	24,375	25,014	24
Georgia.....	150,182	158,350	171,711	183,084	198,513	206,772	4.2	20,021	20,605	21,836	22,755	24,121	24,663	27
Kentucky.....	68,160	71,915	76,215	78,557	84,884	87,686	3.3	17,390	18,194	19,124	19,551	20,972	21,568	43
Louisiana.....	78,079	81,431	86,139	87,744	91,807	96,994	5.6	17,750	18,419	19,399	19,670	20,539	21,721	41
Mississippi.....	43,943	46,245	49,256	50,865	53,590	55,779	4.1	15,990	16,653	17,561	17,984	18,810	19,517	50
North Carolina.....	145,935	155,311	165,760	174,214	187,686	194,234	3.5	19,456	20,284	21,226	21,915	23,236	23,727	35
South Carolina.....	66,986	70,880	75,481	79,457	85,289	88,456	3.7	17,646	18,364	19,259	19,991	21,198	21,771	40
Tennessee.....	106,568	111,632	119,346	125,616	134,141	138,241	3.1	19,674	20,300	21,426	22,278	23,525	24,084	31
Virginia.....	146,489	154,028	163,510	171,953	186,890	196,098	4.9	21,699	22,554	23,694	24,564	26,308	27,282	12
West Virginia.....	30,001	31,182	32,491	33,144	34,902	36,472	4.5	16,459	17,141	17,895	18,294	19,314	20,241	48
Southwest	552,859	596,546	645,743	679,123	733,704	767,047	4.5	19,051	20,137	21,354	22,030	23,377	24,029	
Arizona.....	83,726	90,217	97,615	103,776	112,945	119,007	5.4	18,253	19,045	19,989	20,657	21,866	22,423	38
New Mexico.....	29,502	30,758	32,496	33,215	34,781	37,173	6.9	16,836	17,330	18,119	18,370	19,097	20,322	47
Oklahoma.....	58,473	61,222	65,310	67,744	72,462	75,846	4.7	17,506	18,151	19,179	19,709	20,984	21,920	39
Texas.....	381,159	414,349	450,321	474,388	513,516	535,022	4.2	19,708	20,990	22,340	23,075	24,516	25,089	22
Rocky Mountain	166,565	178,194	191,724	203,495	221,749	231,908	4.6	19,446	20,375	21,498	22,376	23,943	24,652	
Colorado.....	86,111	92,927	100,489	108,190	119,717	124,947	4.4	21,967	23,126	24,410	25,601	27,690	28,283	7
Idaho.....	21,208	22,044	23,639	25,148	27,021	28,240	4.5	17,628	17,944	18,876	19,714	20,797	21,378	44
Montana.....	15,037	15,621	16,670	16,997	18,084	19,000	5.1	16,967	17,554	18,679	18,939	20,023	21,008	45
Utah.....	35,002	37,715	40,460	42,112	45,258	47,302	4.5	16,926	17,792	18,680	19,112	20,191	20,840	46
Wyoming.....	9,207	9,886	10,466	11,047	11,669	12,419	6.4	18,861	20,199	21,324	22,464	23,621	25,118	20
Far West	967,506	1,017,744	1,090,483	1,141,518	1,234,359	1,281,390	3.8	21,833	22,590	23,811	24,546	26,153	26,736	
Alaska.....	13,919	14,497	15,003	15,400	16,411	17,171	4.6	22,872	23,650	24,201	24,649	26,149	27,045	13
California.....	701,878	735,173	789,557	827,255	897,310	932,835	4.0	21,921	22,630	23,935	24,695	26,391	27,038	14
Hawaii.....	26,730	27,371	27,846	28,378	29,786	30,930	3.8	22,206	22,590	22,914	23,447	24,570	25,262	19
Nevada.....	37,634	41,126	44,903	47,583	51,332	54,069	5.3	22,585	23,313	24,230	24,594	25,428	25,673	17
Oregon.....	64,801	68,539	72,660	75,398	80,241	82,917	3.3	19,957	20,742	21,674	22,216	23,399	23,876	32
Washington.....	122,543	131,039	140,515	147,503	159,278	163,467	2.6	22,001	23,092	24,354	25,246	26,958	27,299	11

1. Per capita disposable personal income was computed using midyear population estimates of the Bureau of the Census.
 2. Percent change was calculated from 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 estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.
 Source: Table 1 "State Personal Income, Revised Estimates for 1999-2001" in the October 2002 issue of the Survey of Current Business.

Table J.4. Gross State Product (GSP) by Industry for States and Regions, 2000
[Millions of dollars]

State and region	Rank of total GSP	Total GSP	Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government
United States		9,941,552	135,750	127,084	463,635	1,566,579	825,016	674,145	893,855	1,936,304	2,164,630	1,154,555
New England		582,776	4,298	297	24,619	85,821	34,328	38,418	48,794	149,028	143,603	53,570
Connecticut	22	159,288	1,090	112	5,579	24,897	9,399	9,726	12,876	47,045	35,235	13,328
Maine	44	35,981	693	5	1,693	5,561	2,457	2,138	4,253	6,667	7,422	5,090
Massachusetts	11	284,934	1,545	97	12,556	37,956	16,075	20,467	22,004	69,651	79,674	24,908
New Hampshire	38	47,708	341	36	2,060	9,777	2,707	3,212	4,617	11,587	9,685	3,684
Rhode Island	42	36,453	227	11	1,989	4,450	2,343	1,854	3,244	10,796	7,465	4,164
Vermont	49	18,411	401	36	831	3,179	1,346	1,021	1,799	3,281	4,121	2,396
Mideast		1,848,116	11,090	3,667	70,536	228,623	146,359	118,790	138,089	481,675	436,048	213,239
Delaware	43	36,336	317	2	1,578	5,535	1,876	1,482	2,579	13,840	5,790	3,336
District of Columbia		59,397	21	29	571	833	3,044	746	1,672	8,017	22,753	21,711
Maryland	16	186,108	1,600	153	10,519	14,955	14,137	11,392	16,164	38,915	45,895	32,377
New Jersey	8	363,089	1,919	242	14,235	50,198	34,131	33,575	27,339	85,452	81,545	34,453
New York	2	799,202	3,385	615	25,958	81,644	58,750	46,841	54,630	259,929	188,190	79,260
Pennsylvania	6	403,985	3,848	2,627	17,674	75,457	34,421	24,754	35,705	75,522	91,875	42,102
Great Lakes		1,530,982	15,630	4,414	74,009	351,203	116,507	109,716	137,490	257,073	306,776	158,165
Illinois	5	467,284	4,163	1,058	22,310	73,413	41,203	37,013	37,669	96,849	107,674	45,932
Indiana	15	192,195	2,225	674	9,836	58,906	14,436	11,448	17,365	25,422	32,755	19,128
Michigan	9	325,384	2,910	881	16,619	85,465	21,335	23,548	30,046	46,417	64,863	33,301
Ohio	7	372,640	3,481	1,531	16,809	89,399	27,100	26,483	36,183	60,960	69,897	40,799
Wisconsin	20	173,478	2,851	271	8,434	44,021	12,433	11,225	16,227	27,424	31,588	19,005
Plains		635,821	16,886	3,449	31,195	111,677	60,941	47,702	59,475	104,091	126,218	74,188
Iowa	30	89,600	3,678	210	3,822	19,747	7,758	6,338	7,950	13,938	15,392	10,768
Kansas	31	85,063	2,204	1,236	4,018	14,004	11,408	6,449	8,380	11,141	14,851	11,373
Minnesota	17	184,766	3,318	684	9,575	32,459	13,842	14,555	17,069	35,354	39,566	18,344
Missouri	18	178,845	2,517	423	9,150	32,849	18,299	12,985	17,040	27,394	37,761	20,425
Nebraska	36	56,072	2,471	86	2,710	8,022	6,082	4,289	4,918	8,763	11,031	7,701
North Dakota	50	18,283	952	686	924	1,580	1,783	1,561	1,797	2,846	3,518	2,636
South Dakota	46	23,192	1,745	125	995	3,015	1,769	1,524	2,322	4,655	4,100	2,941
Southeast		2,156,521	32,736	30,526	108,230	351,257	190,197	148,028	212,493	361,852	434,586	286,617
Alabama	25	119,921	2,166	1,448	5,845	22,959	10,544	7,788	12,134	18,027	20,849	18,161
Arkansas	34	67,724	2,246	474	3,300	15,065	7,036	4,466	7,868	8,117	10,769	8,382
Florida	4	472,105	8,084	899	25,357	32,590	39,503	36,250	52,887	100,537	118,762	57,236
Georgia	10	296,142	3,894	1,127	14,821	49,553	33,355	26,471	27,206	47,076	58,036	34,603
Kentucky	27	118,508	2,693	2,135	5,538	31,633	9,605	7,316	10,976	13,664	19,211	15,735
Louisiana	24	137,700	1,281	18,526	6,635	20,145	12,233	7,519	11,790	19,005	24,039	16,526
Mississippi	35	67,315	1,600	770	3,222	13,307	6,401	3,912	7,270	8,158	11,753	10,923
North Carolina	12	281,741	4,979	521	13,913	67,502	18,773	16,689	24,119	54,987	45,998	34,260
South Carolina	28	113,377	1,359	177	6,814	23,897	10,397	7,071	12,037	15,819	18,522	17,285
Tennessee	19	178,362	1,805	541	8,243	36,055	14,790	13,301	19,943	25,678	37,475	20,531
Virginia	13	261,355	2,320	1,044	12,561	31,792	23,009	15,007	22,024	45,969	61,451	46,178
West Virginia	40	42,271	309	2,863	1,980	6,760	4,551	2,237	4,239	4,816	7,719	6,795
Southwest		1,044,714	15,067	57,581	51,262	149,173	106,628	75,069	100,350	156,992	209,961	122,632
Arizona	23	156,303	2,246	1,136	9,292	24,382	11,154	10,124	16,463	28,714	34,652	18,140
New Mexico	37	54,364	1,043	5,051	2,290	8,862	4,067	2,186	4,838	7,219	9,787	9,022
Oklahoma	29	91,773	2,138	5,146	3,614	14,824	8,480	5,375	9,338	11,383	16,849	14,625
Texas	3	742,274	9,639	46,247	36,066	101,105	82,927	57,384	69,711	109,676	148,674	80,845
Rocky Mountain		314,569	6,145	9,800	20,135	36,195	34,340	19,342	29,999	51,085	67,522	40,006
Colorado	21	167,918	2,261	2,913	11,084	16,257	20,376	10,726	15,911	28,734	40,342	19,313
Idaho	41	37,031	1,870	169	2,414	8,468	2,874	2,277	3,632	4,306	6,180	4,842
Montana	47	21,777	846	812	1,218	1,578	2,563	1,352	2,180	3,074	4,566	3,587
Utah	33	68,549	713	1,208	4,405	8,559	5,901	4,254	6,881	12,685	14,268	9,675
Wyoming	48	19,294	454	4,698	1,014	1,333	2,626	733	1,394	2,286	2,166	2,589
Far West		1,828,052	33,898	17,350	83,651	252,629	135,717	117,080	167,165	374,507	439,917	206,137
Alaska	45	27,747	433	6,041	1,266	1,073	4,401	837	1,858	2,852	3,690	5,296
California	1	1,344,623	24,587	9,233	55,472	189,962	94,183	87,392	121,300	293,110	328,274	141,109
Hawaii	39	42,364	509	44	1,853	1,296	4,288	1,602	4,663	9,520	9,515	9,074
Nevada	32	74,745	582	1,392	7,399	3,066	5,924	3,386	7,920	13,379	24,131	7,566
Oregon	26	118,637	3,066	159	6,365	30,608	8,199	8,521	9,630	16,768	21,218	14,102
Washington	14	219,937	4,722	481	11,296	26,625	18,722	15,341	21,795	38,877	53,089	28,990

Note: Totals shown for the United States differ from the national income and product account estimates of gross domestic product (GDP) because GSP is derived from gross domestic income, which differs from GDP by the statistical discrepancy. In addition, GSP excludes and GDP includes 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. Also, GSP and GDP have different revision schedules. Source: This table reflects the GSP estimates for 2000 that were released on June 10, 2002. Detailed estimates are available on BEA's Web site at <www.bea.gov> under "State and local area data."

K. Local Area Table

Table K.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998-2000

Table with columns for Area name, Personal income (Millions of dollars, Percent change, Dollars), Per capita personal income (Dollars, Rank in U.S.), and Area name, Personal income (Millions of dollars, Percent change, Dollars), Per capita personal income (Dollars, Rank in U.S.). Rows include United States, Metropolitan portion, Nonmetropolitan portion, Consolidated Metropolitan Statistical Areas, and Metropolitan Statistical Areas.

See footnotes at the end of table.

Table K.1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998-2000—Continued

Table with columns for Area name, Personal income (Millions of dollars, Percent change), and Per capita personal income (Dollars, Rank in U.S.) for 1998, 1999, and 2000. The table lists numerous metropolitan areas and their corresponding financial data over the three-year period.

1. Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for 1998-2000 reflect county population estimates available as of April 2002.

2. Percent change calculated from unrounded data.

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

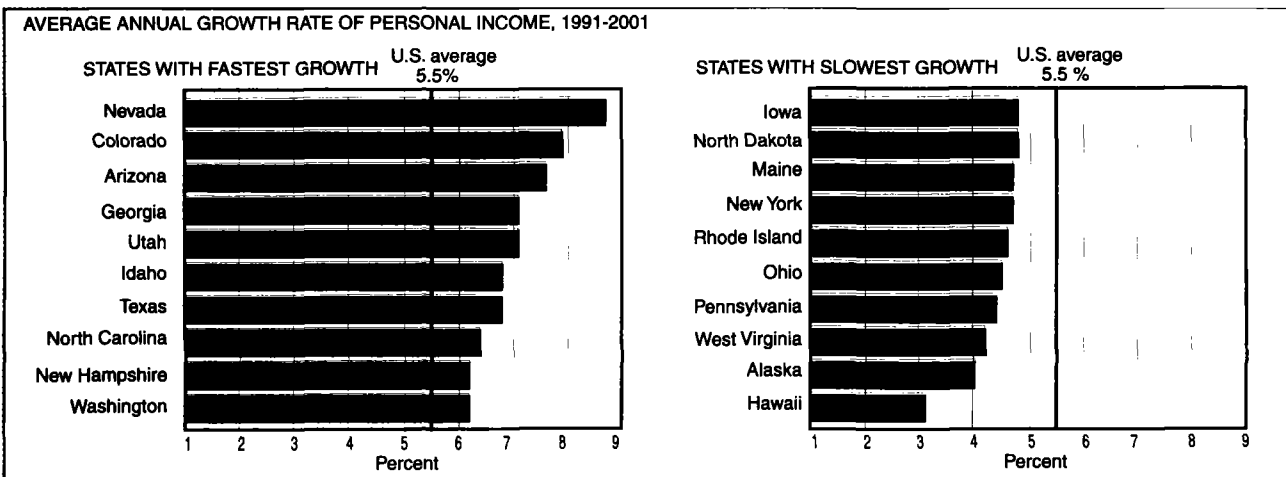
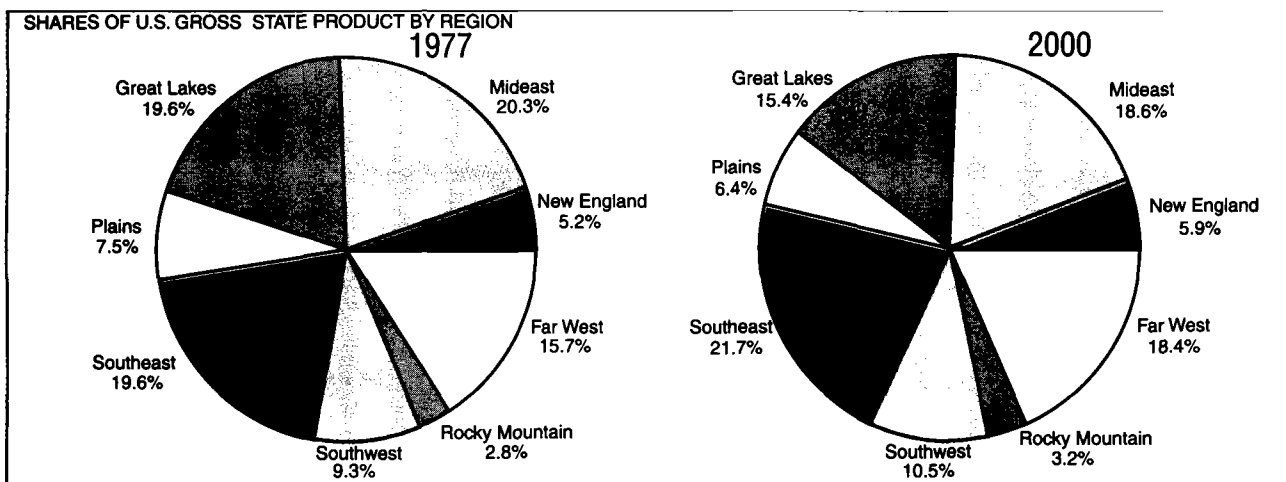
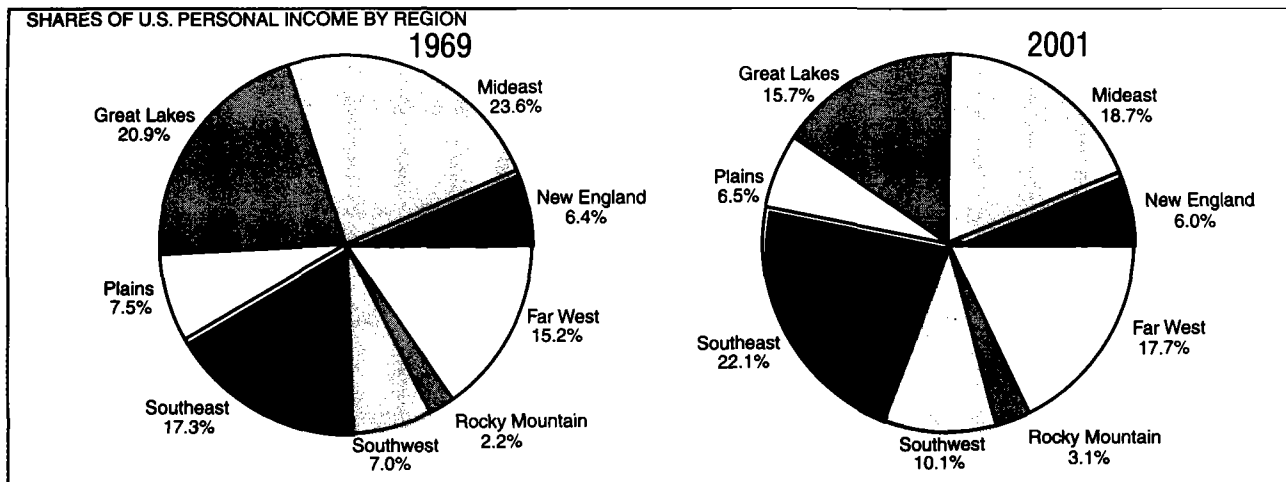
Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

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

Source: Table 1 in "Local Area Personal Income, 1998-2000" in the May 2002 issue of the Survey of Current Business.

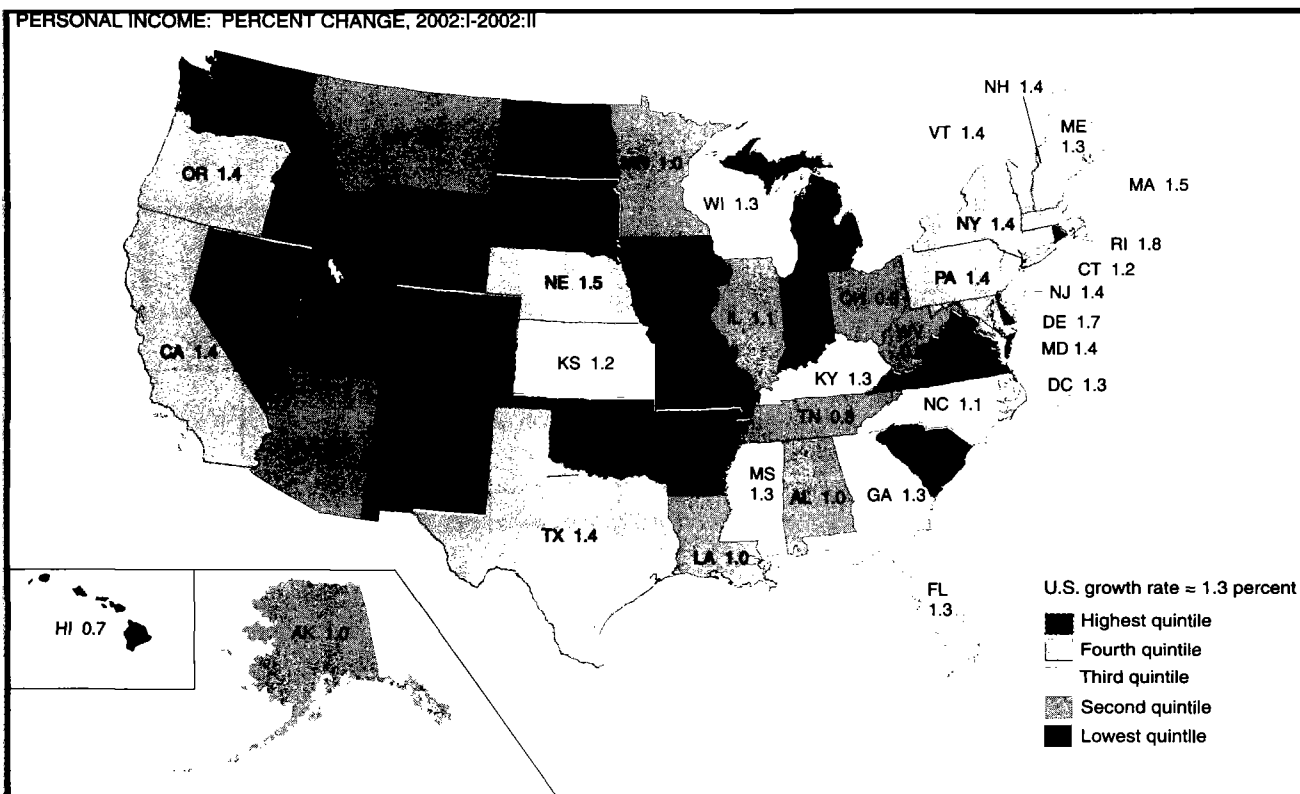
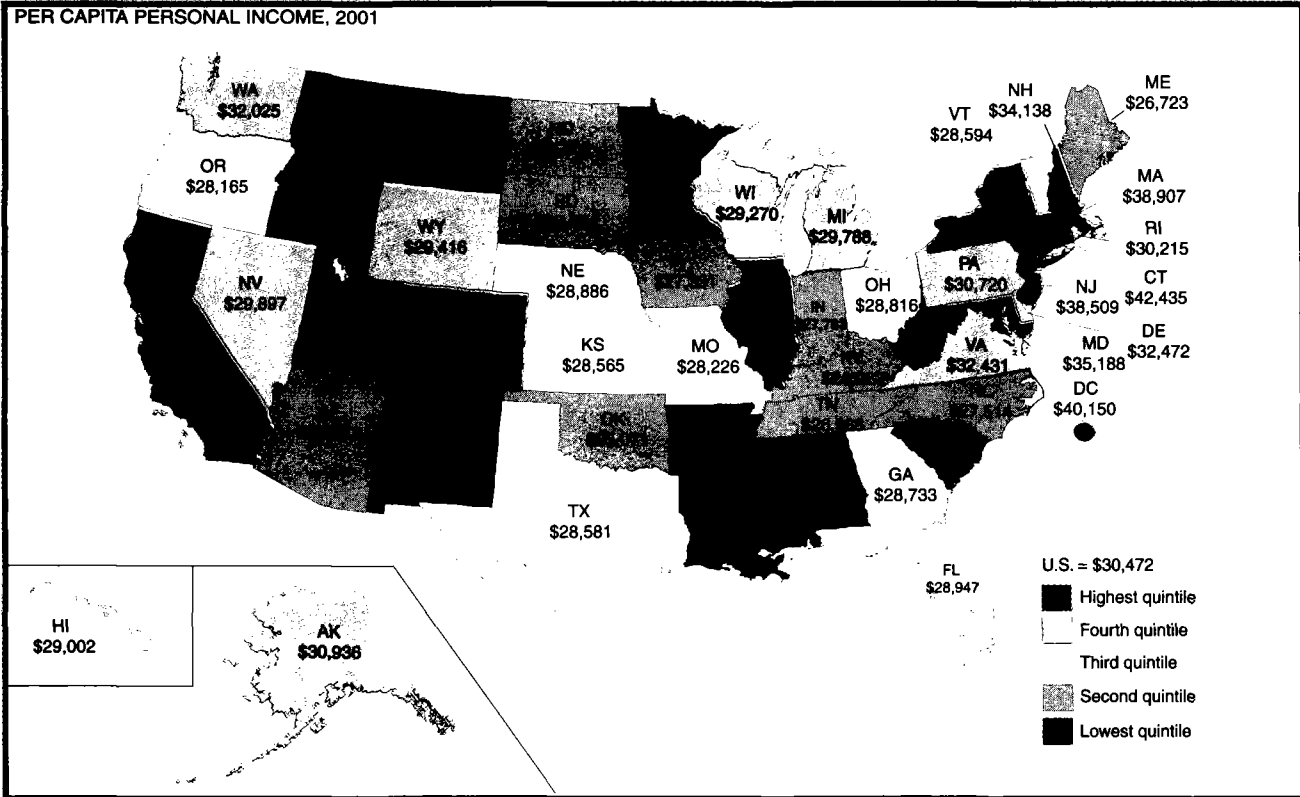
L. Charts

SELECTED REGIONAL ESTIMATES



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SELECTED REGIONAL ESTIMATES



U.S. Bureau of Economic Analysis

Appendix A

Additional Information About the NIPA Estimates

Statistical Conventions

Changes in current-dollar GDP measure changes in the market value of goods and services produced in the economy in a particular period. For many purposes, it is necessary to decompose these changes into quantity and price components. To compute the quantity indexes, changes in the quantities of individual goods and services are weighted by their prices. (Quantity changes for GDP are often referred to as changes in “real GDP.”) For the price indexes, changes in the prices for individual goods and services are weighted by quantities produced. (In practice, the current-dollar value and price indexes for most GDP components are determined largely using data from Federal Government surveys, and the real values of these components are calculated by deflation at the most detailed level for which all the required data are available.)

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from 2 adjacent years. For example, the annual percent change in real GDP in 1997–98 uses prices for 1997 and 1998 as weights, and the 1997–98 annual percent change in the GDP price index uses quantities for 1997 and 1998 as weights. Because the Fisher formula allows for the effects of changes in relative prices and in the composition of output over time, the resulting quantity or price changes are not affected by the substitution bias that is associated with changes in quantities and prices calculated using a fixed-weighted formula.¹ These annual changes are “chained” (multiplied) together to form time series of quantity and price; the percent changes that are calculated from these time series are not affected by the choice of reference period.

The quarterly changes in quantities and prices are calculated with weights from two adjacent quarters. As part of an annual or comprehensive revision, the quarterly indexes through the most recent complete year are adjusted to ensure that the average of the quarterly indexes conforms to the corresponding annual index.

In addition, BEA prepares measures of real GDP and its components in a dollar-denominated form, designated “chained (1996) dollar estimates.” These estimates are computed by multiplying the 1996 current-dollar value of GDP, or of a GDP component, by the corresponding quantity index number. For example, if a current-dollar GDP component equaled \$100 in 1996 and if real output for this component increased by 10 percent in 1997, then the “chained (1996) dollar” value of this com-

ponent in 1997 would be \$110 ($\100×1.10). Note that percentage changes in the chained (1996) dollar estimates and the percentage changes calculated from the quantity indexes are identical, except for small differences due to rounding.

Because of the formula used for calculating real GDP, the chained (1996) dollar estimates for detailed GDP components do not add to the chained-dollar value of GDP or to any intermediate aggregates. A “residual” line is shown as the difference between GDP and the sum of the most detailed components shown in each table. The residual generally is small close to the base period but tends to become larger as one moves further from it. Accurate measures of component contributions to the percentage changes in real GDP and its major components are shown in NIPA tables 8.2–8.6.

BEA also publishes the “implicit price deflator” (IPD), which is calculated as the ratio of current-dollar value to the corresponding chained-dollar value, multiplied by 100; the values of the IPD and of the corresponding “chain-type” price index are very close.

For quarters and months, the estimates are presented at annual rates, which show the value that would be registered if the rate of activity measured for a quarter or a month were maintained for a full year. Annual rates are used so that time periods of different lengths—for example, quarters and years—may be compared easily. These annual rates are determined simply by multiplying the estimated rate of activity by 4 (for quarterly data) or by 12 (for monthly data).

Percent changes in the estimates are also expressed at annual rates. Calculating these *changes* requires a variant of the compound interest formula:

$$r = \left[\left(\frac{x_t}{x_o} \right)^{m/n} - 1 \right] \times 100,$$

where r is the percent change at an annual rate; x_t is the level of activity in the later period; x_o is the level of activity in the earlier period; m is the periodicity of the data (for example, 1 for annual data, 4 for quarterly, or 12 for monthly); and n is the number of periods between the earlier and later periods (that is, $t - o$).

Quarterly and monthly NIPA estimates are seasonally adjusted, if necessary. Seasonal adjustment removes from the time series the average impact of variations that normally occur at about the same time and in about the same magnitude each year—for example, weather, holidays, and tax payment dates. After seasonal adjustment, cyclical and other short-term changes in the economy stand out more clearly.

1. In addition, because the changes in quantities and prices calculated using these weights are symmetric, the product of a quantity index and the corresponding price index is generally equal to the current-dollar index.

Reconciliation Tables

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

	2000	2001	Seasonally adjusted at annual rates					
			2001			2002		
			II	III	IV	I	II	III ^p
BEA-derived compensation per hour of all persons in the nonfarm business sector (less housing)¹	7.0	2.7	0.1	1.0	1.5	2.9	3.9	4.8
Less: Contribution of supplements to wages and salaries per hour.....	-0.1	0.3	0.1	0.1	0.1	1.4	0.7	0.6
Plus: Contribution of wages and salaries per hour of persons in housing and in nonprofit institutions.....	-0.3	0.0	0.0	0.0	-0.5	0.2	-0.1	0.1
Less: Contribution of wages and salaries per hour of persons in government enterprises, unpaid family workers, and self-employed.....	0.0	0.0	0.0	-0.4	0.2	0.0	0.0	-0.1
Equals: BEA-derived wages and salaries per hour of all employees in the private nonfarm sector	6.8	2.5	0.0	1.3	0.7	1.8	3.1	4.4
Less: Contribution of wages and salaries per hour of nonproduction workers in manufacturing.....	-0.1	-0.1	0.4	0.0	0.2	-0.2	0.0	0.2
Less: Other differences ²	3.1	-1.5	-4.2	-2.5	-3.2	-1.0	0.6	1.1
Equals: BLS average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls	3.8	4.1	3.8	3.8	3.8	3.0	2.5	3.1
Addendum:								
BLS estimates of compensation per hour in the nonfarm business sector ³	7.0	2.7	0.1	1.0	1.5	3.6	3.7	.....

^p Preliminary.

1. Includes BLS data on compensation and hours of nonfarm proprietors and hours worked of unpaid family workers.

2. Includes BEA use of non-BLS data and differences in detailed weighting. Annual estimates

also include differences in BEA and BLS benchmark procedures; quarterly estimates also include differences in seasonal adjustment procedures.

3. These estimates differ from the BEA-derived estimates (first line) because the BLS estimates include compensation and hours of tenant-occupied housing.

BLS Bureau of Labor Statistics

Table 2. Relation of Net Exports of Goods and Services and Net Receipts of Income in the NIPA's to Balance on Goods and Services and Income in the ITA's

[Billions of dollars]

	Line	2000	2001	Seasonally adjusted at annual rates					
				2001				2002	
				I	II	III	IV	I	II
Exports of goods and services and income receipts, ITA's	1	1,417.2	1,281.8	1,396.2	1,326.4	1,237.9	1,166.7	1,165.4	1,217.4
Less: Gold, ITA's.....	2	6.0	4.9	6.7	7.6	2.4	2.9	2.5	3.7
Statistical differences.....	3	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.4
Other items.....	4	1.2	1.0	1.2	1.1	1.0	0.8	0.9	0.9
Plus: Adjustment for grossing of parent/affiliate interest payments.....	5	6.5	6.2	6.2	6.4	6.0	5.9	4.6	5.2
Adjustment for U.S. territories and Puerto Rico.....	6	46.9	50.7	50.8	49.6	49.3	53.3	56.6	56.6
Services furnished without payment by financial intermediaries except life insurance carriers.....	7	21.1	18.3	19.0	18.4	18.0	17.8	18.6	19.8
Equals: Exports of goods and services and income receipts, NIPA's	8	1,484.5	1,351.1	1,464.3	1,392.2	1,307.8	1,240.0	1,242.2	1,294.1
Imports of goods and services and income payments, ITA's	9	1,774.1	1,625.7	1,780.6	1,675.7	1,553.8	1,492.7	1,551.1	1,685.0
Less: Gold, ITA's.....	10	5.9	4.3	6.1	6.5	2.2	2.4	2.0	3.5
Statistical differences.....	11	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	0.4
Other items.....	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plus: Gold, NIPA's.....	13	-3.2	-3.4	-3.3	-3.5	-3.6	-3.3	-3.3	-3.6
Adjustment for grossing of parent/affiliate interest payments.....	14	6.5	6.2	6.2	6.4	6.0	5.9	4.6	5.2
Adjustment for U.S. territories and Puerto Rico.....	15	34.0	35.6	30.7	36.1	36.9	38.6	30.1	37.2
Imputed interest paid to rest of world.....	16	21.1	18.3	19.0	18.4	18.0	17.8	18.6	19.8
Equals: Imports of goods and services and income payments, NIPA's	17	1,826.6	1,678.0	1,827.1	1,726.7	1,608.9	1,549.3	1,600.4	1,739.8
Balance on goods and services and income, ITA's (1-9)	18	-356.9	-343.9	-384.4	-349.3	-315.9	-326.0	-385.7	-467.6
Less: Gold (2-10+13).....	19	-3.1	-2.8	-2.7	-2.4	-3.4	-2.8	-2.8	-3.4
Statistical differences (3-11).....	20	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
Other items (4-12).....	21	1.2	1.0	1.2	1.1	1.0	0.8	0.9	0.9
Plus: Adjustment for U.S. territories and Puerto Rico (6-15).....	22	12.9	15.1	20.1	13.5	12.4	14.7	26.5	19.4
Equals: Net exports of goods and services and net receipts of income, NIPA's (8-17)	23	-342.1	-326.9	-362.8	-334.5	-301.1	-309.3	-358.2	-445.7

1. Consists of statistical revisions in the NIPA's that have not yet been incorporated into the ITA's (2002:II) and statistical revisions in the ITA's that have not yet been incorporated into the NIPA's (2002:I-2002:II).

ITA's International transactions accounts
NIPA's National income and product accounts

Appendix B

Suggested Reading

The Bureau of Economic Analysis (BEA) has published a wealth of information about the methodologies that are used to prepare its national, industry, international, and regional accounts. In addition, most of this information is available on BEA's Web site at <www.bea.gov>. Look under "Methodologies"; for articles from the SURVEY OF CURRENT BUSINESS, look under "Publications."

National accounts

The national accounts encompass the detailed estimates in the national income and product accounts (including gross domestic product) and the estimates of wealth and related estimates.

National income and product accounts (NIPAs). This series of papers documents the conceptual framework of the NIPAs and the methodologies that have been used to prepare the estimates.

An Introduction to National Economic Accounting (1985) [also in the March 1985 SURVEY]

Corporate Profits: Profits Before Tax, Profits Tax Liability, and Dividends (1985) [An updated version (March 2002) is available on BEA's Web site.]

Foreign Transactions (1987)

GNP: An Overview of Source Data and Estimating Methods (1987)

Government Transactions (1988)

Personal Consumption Expenditures (1990)

The methodologies described in these papers have been updated and improved, typically as part of the comprehensive and annual revisions of the NIPAs. For more information, see the following.

National Income and Product Accounts of the United States, 1929-97 (2001) provides the definitions of the major NIPA aggregates and components, discusses the measures of real output and prices, explains how production is classified and how the NIPAs are presented, describes the statistical conventions that are used, and lists the principal source data and methods that are used to prepare the estimates of gross domestic product (GDP). [Go to <www.bea.gov/bea/an/nipaguid.htm>.]

Information about the sources and methods that are used to prepare the national estimates of personal income, which are the basis for the State estimates, is in *State Personal Income, 1929-97* (1999).

In addition, see the following articles in the SURVEY.

"Updated Summary NIPA Methodologies" (October 2002) briefly describes the principal source data and methods used to prepare the current-dollar and real estimates of GDP.

"Annual Revision of the National Income and Product Accounts" (August 2002).

"BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth" (May 1997) is the most recent in a series of articles that describe the conceptual basis for the chain-type measures of real output and prices that are used in the NIPAs.

"Reliability of GDP and Related NIPA Estimates" (January 2002) evaluates the principal NIPA estimates by examining the record of revisions to them.

Wealth and related estimates. *Fixed Reproducible Tangible Wealth in the United States, 1925-94* (1999) discusses the concepts and statistical considerations that underlie the estimates and their derivation.

"Fixed Assets and Consumer Durable Goods for 1925-98" (April 2000) describes the definitional and statistical improvements that were incorporated in the comprehensive revision of the estimates.

Industry accounts

The industry accounts consist of the estimates of gross domestic product by industry, the input-output accounts, and two satellite accounts.

Gross product by industry. "Improved Estimates of Gross Product by Industry for 1947-98" (June 2000) describes the most recent comprehensive revision of these estimates.

Mission Statement and Strategic Plan

The mission statement of the Bureau of Economic Analysis and the latest update to its strategic plan for improving the accuracy, reliability, and relevance of the national, industry, regional, and international accounts are available on BEA's Web site at <www.bea.gov>. See also "BEA's Strategic Plan for 2001-2005" in the May 2002 issue of the SURVEY OF CURRENT BUSINESS.

“Gross Domestic Product by Industry for 1998–2000” (November 2001) describes the most recent annual revision of the these estimates.

Input-output accounts. “Benchmark Input-Output Accounts for the U.S. Economy, 1992” (November 1997) describes the preparation of the 1992 accounts and the concepts and methods that underlie the accounts.

“Annual Input-Output Accounts of the U.S. Economy” presents annual tables that update the 1992 benchmark accounts

For 1996 (January 2000)

For 1997 (January 2001)

For 1998 (December 2001)

Satellite accounts. These accounts extend the analytical capacity of the input-output accounts by focusing on a particular aspect of economic activity.

“U.S. Transportation Satellite Accounts”

For 1992 (April 1998)

For 1996 (May 2000)

“U.S. Travel and Tourism Satellite Accounts”

For 1992 (July 1998)

For 1996 and 1997 (July 2000)

International accounts

The international accounts encompass the international transactions accounts, direct investment, and international transactions in services.

International transactions accounts (ITA's). *The Balance of Payments of the United States: Concepts, Data Sources, and Estimating Procedures* (1990) describes the methodologies used to prepare the estimates in the ITA's and the international investment position of the United States. These methodologies are usually updated and improved as part of the annual revisions of the ITA's.

The annual revisions of the ITA's are described in a series of articles, the latest of which is published in the July 2002 SURVEY.

Direct investment. *International Direct Investment: Studies by the Bureau of Economic Analysis* (1999) is a collection of previously published articles on U.S. direct investment abroad and foreign direct investment in the United States. It also includes the following information.

The “Methodology for U.S. Direct Investment Abroad,” which is also available in *U.S. Direct Investment Abroad: 1994 Benchmark Survey, Final*

Results (1998)

“A Guide to BEA Statistics on U.S. Multinational Companies,” which is also available in the March 1995 SURVEY

“A Guide to BEA Statistics on Foreign Direct Investment in the United States,” which is also available in the February 1990 SURVEY

In addition, the updated methodology for foreign direct investment in the United States is available in *Foreign Direct Investment in the United States: Final Results From the 1997 Benchmark Survey* (2001)

International services. *U.S. International Transactions in Private Services: A Guide to the Surveys Conducted by the Bureau of Economic Analysis* (1998) describes 11 surveys. It includes classifications, definitions, release schedules, the methods used to prepare the estimates, and samples of the survey forms.

“Selected Issues in the Measurement of U.S. International Services” (June 2002) describes key issues in defining and measuring insurance, wholesale and retail trade, finance, construction, and utilities services and explores possible actions to address these issues.

Regional accounts

The regional accounts include estimates of personal income and gross state product.

Personal income. Estimates of personal income are prepared for States and for local areas.

“Comprehensive Revision of State Personal Income for 1969–99” (June 2000) summarizes the changes in the methodology that is used to prepare the estimates. The detailed methodology is available on the CD-ROM *State Personal Income, 1929–2000*.

“Comprehensive Revision of Local Area Personal Income for 1969–98” (July 2000) summarizes the changes in the methodology that is used to prepare the estimates for counties and metropolitan areas. The detailed methodology is available on the CD-ROM *Regional Economic Information System, 1969–2000*.

Gross state product. “Comprehensive Revision of Gross State Product by Industry, 1977–94” (June 1997) summarizes the sources and the methods that are used to prepare the estimates. “Gross State Product by Industry, 1977–98” (October 2000) describes the most recent comprehensive revision of these estimates.



Schedule of Upcoming BEA News Releases

Gross Domestic Product by Industry, 1999–2001 .....	..... Nov. 14	10:00 a.m.
U.S. International Trade in Goods and Services, September 2002* .....	..... Nov. 19	8:30 a.m.
Gross Domestic Product, 3rd quarter 2002 (preliminary) and Corporate Profits, 3rd quarter 2002 (preliminary) .....	..... Nov. 26	8:30 a.m.
Personal Income and Outlays, October 2002 .....	..... Nov. 27	8:30 a.m.
U.S. International Transactions, 3rd quarter 2002 .....	..... Dec. 12	8:30 a.m.
U.S. International Trade in Goods and Services, October 2002* .....	..... Dec. 18	8:30 a.m.
Gross Domestic Product, 3rd quarter 2002 (final) and Corporate Profits, 3rd quarter 2002 (revised) .....	..... Dec. 20	8:30 a.m.
Personal Income and Outlays, November 2002 .....	..... Dec. 23	8:30 a.m.
U.S. International Trade in Goods and Services, November 2002* ..	..... Jan. 17	8:30 a.m.
State Personal Income, 3rd quarter 2002 .....	..... Jan. 24	9:00 a.m.
Gross Domestic Product, 4th quarter 2002 (advance) .....	..... Jan. 30	8:30 a.m.
Personal Income and Outlays, December 2002 .....	..... Jan. 31	8:30 a.m.
U.S. International Trade in Goods and Services, December 2002* ..	..... Feb. 20	8:30 a.m.
Gross Domestic Product, 4th quarter 2002 (preliminary)...	..... Feb. 28	8:30 a.m.

* Joint release by the Bureau of the Census and the Bureau of Economic Analysis (BEA)
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