



WWW.BEA.GOV

NEWS



EMBARGOED UNTIL RELEASE AT 8:30 A.M. EDT, THURSDAY, MAY 29, 2003

Virginia H. Mannering: (202) 606-5304 (GDP)
 Kenneth A. Petrick: (202) 606-9738 (Profits)
 Recorded message: (202) 606-5306

BEA 03-17

GROSS DOMESTIC PRODUCT: FIRST QUARTER 2003 (PRELIMINARY) CORPORATE PROFITS: FIRST QUARTER 2003 (PRELIMINARY)

Real gross domestic product -- the output of goods and services produced by labor and property located in the United States -- increased at an annual rate of 1.9 percent in the first quarter of 2003, according to preliminary estimates released by the Bureau of Economic Analysis. In the fourth quarter, real GDP increased 1.4 percent.

The GDP estimates released today are based on more complete source data than were available for the advance estimates issued last month. In the advance estimates, the increase in real GDP was 1.6 percent (see "Revisions" on page 3).

The major contributors to the increase in real GDP in the first quarter were personal consumption expenditures (PCE) and residential fixed investment. The contributions of these components were partly offset by negative contributions from equipment and software and from private inventory investment. Imports, which are a subtraction in the calculation of GDP, decreased.

As announced in the November 2002 issue of the Survey of Current Business, the Bureau of Economic Analysis plans to release the results of its 12th comprehensive (or benchmark) revision of the national income and product accounts (NIPA's) on December 10, 2003. The annual revision of the NIPA's that would normally take place this summer will instead be combined with the upcoming comprehensive revision. Beginning with the June 2003 issue of the Survey, a series of articles will be presented that discuss the revision.

NOTE.--Quarterly estimates 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. Price indexes are chain-type measures.

This news release is available on BEA's Web site at <www.bea.gov/bea/rels.htm>.

- more -

The small acceleration in real GDP growth in the first quarter primarily reflected a downturn in imports, a smaller decrease in exports, an upturn in nonresidential structures, and an acceleration in PCE that were partly offset by a downturn in equipment and software, a deceleration in government spending, and a downturn in private inventory investment.

The price index for gross domestic purchases, which measures prices paid by U.S. residents, increased 3.6 percent in the first quarter, the same as in the advance estimate; this index increased 1.8 percent in the fourth quarter. Excluding food and energy prices, the price index for gross domestic purchases increased 2.0 percent in the first quarter, compared with an increase of 1.5 percent in the fourth. About 0.3 percentage point of the first-quarter increase in the index was accounted for by the pay raise for federal civilian and military personnel, which is treated as an increase in the price of employee services purchased by the federal government.

Real personal consumption expenditures increased 2.0 percent in the first quarter, compared with an increase of 1.7 percent in the fourth. Real nonresidential fixed investment decreased 4.8 percent, in contrast to an increase of 2.3 percent. Nonresidential structures increased 0.4 percent, in contrast to a decrease of 9.9 percent. Equipment and software decreased 6.3 percent, in contrast to an increase of 6.2 percent. Real residential fixed investment increased 11.0 percent, compared with an increase of 9.4 percent.

Real exports of goods and services decreased 1.4 percent in the first quarter, compared with a decrease of 5.8 percent in the fourth. Real imports of goods and services decreased 7.1 percent, in contrast to an increase of 7.4 percent.

Real federal government consumption expenditures and gross investment increased 0.9 percent in the first quarter, compared with an increase of 11.0 percent in the fourth. National defense decreased 3.4 percent, in contrast to an increase of 11.0 percent. Nondefense increased 9.1 percent, compared with an increase of 11.1 percent. Real state and local government consumption expenditures and gross investment decreased 0.1 percent, in contrast to an increase of 1.2 percent.

The real change in private inventories subtracted 0.48 percentage point from the first-quarter change in real GDP, after adding 0.28 percentage point to the fourth-quarter change. Private businesses increased inventories \$13.2 billion in the first quarter, following increases of \$25.8 billion in the fourth quarter and \$18.8 billion in the third.

Real final sales of domestic product -- GDP less change in private inventories -- increased 2.4 percent in the first quarter, compared with an increase of 1.1 percent in the fourth.

Gross domestic purchases

Real gross domestic purchases -- purchases by U.S. residents of goods and services wherever produced -- increased 0.9 percent in the first quarter, compared with an increase of 2.9 percent in the fourth.

Current-dollar GDP

Current-dollar GDP -- the market value of the nation's output of goods and services -- increased 4.4 percent, or \$115.4 billion, in the first quarter to a level of \$10,704.2 billion. In the fourth quarter, current-dollar GDP increased 3.2 percent, or \$82.6 billion.

Revisions

The preliminary estimate of the first-quarter increase in real GDP is 0.3 percentage point, or \$6.9 billion, higher than the advance estimate issued last month. The upward revision to the percentage change in real GDP primarily reflected upward revisions to personal consumption expenditures for nondurable goods and to exports that were partly offset by a downward revision to equipment and software and an upward revision to imports.

	<u>Advance</u>	<u>Preliminary</u>
	(Percent change from preceding quarter)	
Real GDP.....	1.6	1.9
Current-dollar GDP.....	4.2	4.4
Gross domestic purchases price index...	3.6	3.6

Corporate Profits

Profits from current production (corporate profits with inventory valuation and capital consumption adjustments) increased \$7.9 billion in the first quarter. In the fourth quarter, profits increased \$25.1 billion. Current-production cash flow (net cash flow with inventory valuation and capital consumption adjustments) -- the internal funds available to corporations for investment -- decreased \$11.4 billion in the first quarter, in contrast to an increase of \$14.0 billion in the fourth.

Domestic profits of financial corporations increased \$11.0 billion in the first quarter, compared with an increase of \$0.3 billion in the fourth.

Domestic profits of nonfinancial corporations increased \$5.5 billion in the first quarter, compared with an increase of \$26.8 billion in the fourth. In the first quarter, both real gross corporate product and profits per unit of real product increased. The increase in unit profits reflected an increase in the prices corporations received and a decrease in their unit nonlabor costs that were partly offset by an increase in their unit labor costs.

The rest-of-the-world component of profits decreased \$8.5 billion in the first quarter, compared with a decrease of \$2.0 billion in the fourth. This measure is calculated as (1) receipts by U.S. residents of earnings from their foreign affiliates plus dividends received by U.S. residents from unaffiliated foreign corporations minus (2) payments by U.S. affiliates of earnings to their foreign parents plus dividends paid by U.S. corporations to unaffiliated foreign residents. The first-quarter decrease was accounted for by a larger increase in payments than in receipts.

Profits before tax with inventory valuation adjustment is the best available measure of industry profits because estimates of the capital consumption adjustment by industry do not exist. This measure reflects the inventory-accounting and depreciation-accounting practices used for federal income tax returns. According to this measure, both domestic profits of financial corporations and domestic profits of nonfinancial corporations increased. The increase in profits of nonfinancial corporations reflected increases in manufacturing, in "other" nonfinancial, and in transportation and public utilities that were partly offset by a decrease in wholesale trade.

Profits before tax increased \$24.6 billion in the first quarter, compared with an increase of \$26.4 billion in the fourth. The before-tax measure of profits does not reflect, as does profits from current production, the capital consumption and inventory valuation adjustments. These adjustments convert depreciation of fixed assets and inventory withdrawals reported on a tax-return, historical-cost basis to the current-cost measures used in the national income and product accounts. The capital consumption adjustment increased \$3.3 billion in the first quarter (from \$109.7 billion to \$113.0 billion), in contrast to a decrease of \$7.9 billion in the fourth. The inventory valuation adjustment decreased \$20.0 billion (from -\$8.5 billion to -\$28.5 billion), in contrast to an increase of \$6.6 billion.

Profits tax liability increased \$12.7 billion in the first quarter, compared with an increase of \$7.7 billion in the fourth. Profits after tax increased \$11.9 billion, compared with an increase of \$18.7 billion. Dividends increased \$7.3 billion, compared with an increase of \$6.6 billion; undistributed profits increased \$4.6 billion, compared with an increase of \$12.1 billion.

* * *

BEA's major national, international, regional, and industry estimates; the Survey of Current Business; and BEA news releases are available without charge on BEA's Web site:

<www.bea.gov>

Summary BEA estimates are available on recorded messages at the time of public release at the following telephone numbers:

(202)	606-5306	Gross domestic product
(202)	606-5303	Personal income and outlays
(202)	606-5362	U.S. international transactions

Most of BEA's estimates and analyses are published in the Survey of Current Business, BEA's monthly journal. Subscriptions and single copies of the printed Survey are for sale by the Superintendent of Documents, U.S. Government Printing Office. Internet: <bookstore.gpo.gov>; phone: 202-512-1800; fax: 202-512-2250; mail: Stop SSOP, Washington, DC 20402-0001.

* * *

Next release -- June 26, 2003, at 8:30 A.M. EDT for:
Gross Domestic Product: First Quarter 2003 (Final)
Corporate Profits: First Quarter 2003 (Revised)

Table 1.—Real Gross Domestic Product and Related Measures: Percent Change From Preceding Period

[Percent]

	2000	2001	2002	Seasonally adjusted at annual rates															
				1999			2000				2001				2002				2003
				II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Gross domestic product (GDP)	3.8	0.3	2.4	2.0	5.2	7.1	2.6	4.8	0.6	1.1	-0.6	-1.6	-0.3	2.7	5.0	1.3	4.0	1.4	1.9
Personal consumption expenditures	4.4	2.5	3.1	5.7	4.6	5.0	5.3	3.0	3.8	2.1	2.4	1.4	1.5	6.0	3.1	1.8	4.2	1.7	2.0
Durable goods	8.2	6.0	7.3	14.4	10.3	10.1	17.8	-3.7	8.1	-5.3	11.5	5.3	4.6	33.6	-6.3	2.0	22.8	-8.2	-1.8
Nondurable goods	3.9	2.0	3.2	4.8	2.5	7.5	2.2	4.9	2.0	2.7	2.3	-3	1.3	3.6	7.9	-1	1.0	5.1	6.4
Services	3.8	2.0	2.2	4.4	4.5	2.8	4.4	3.6	3.9	3.3	.6	1.5	.9	2.1	2.9	2.7	2.3	2.2	.7
Gross private domestic investment	6.2	-10.7	1.0	-4.7	11.0	13.7	2.3	17.3	-6.0	-3.4	-19.7	-17.6	-5.2	-17.3	18.2	7.9	3.6	6.3	-3.3
Fixed investment	6.1	-3.8	-3.1	7.1	5.9	2.9	13.3	6.7	2	-2.4	-2.2	-11.1	-4.3	-8.9	-5	-1.0	-3	4.4	-2
Nonresidential	7.8	-5.2	-5.7	7.9	7.7	3.0	15.0	10.2	3.5	-3.2	-5.4	-14.5	-6.0	-10.9	-5.8	-2.4	-8	2.3	-4.8
Structures	6.5	-1.7	-16.4	-5.1	-6.3	6.1	13.8	8.2	12.1	3.6	-3.1	-8.4	2.9	-30.1	-14.2	-17.6	-21.4	-9.9	.4
Equipment and software	8.2	-6.4	-1.7	12.5	12.5	2.1	15.5	10.9	.9	-5.4	-6.3	-9.2	-2.5	-2.7	3.3	6.7	6.2	-6.3	
Residential	1.1	.3	3.9	4.9	.9	2.7	8.3	-3.0	-9.3	0	8.2	-5	.4	-3.5	14.2	2.7	1.1	9.4	11.0
Change in private inventories																			
Net exports of goods and services																			
Exports	9.7	-5.4	-1.6	4.3	10.6	12.6	7.7	14.6	11.6	-4.0	-6.0	-12.4	-17.3	-9.6	3.5	14.3	4.6	-5.8	-1.4
Goods	11.3	-5.9	-3.6	4.6	13.2	15.3	6.7	16.1	19.5	-7.1	-6.1	-16.1	-18.6	-7.9	-3.4	15.9	4.1	-11.5	.1
Services	6.0	-4.0	3.2	3.4	4.7	6.4	10.2	11.2	-5.9	4.4	-6.0	-2.5	-13.9	-13.8	21.7	10.7	5.9	8.0	-4.6
Imports	13.2	-2.9	3.7	15.4	14.5	9.4	14.7	18.6	13.8	-1.6	-7.9	-6.8	-11.8	-5.3	8.5	22.2	3.3	7.4	-7.1
Goods	13.5	-3.3	3.9	17.1	15.4	9.8	13.7	20.3	13.6	-1.8	-9.2	-9.4	-9.6	-3.3	3.7	27.9	3.4	6.2	-7.3
Services	11.6	-5	2.1	6.8	9.7	7.1	20.6	9.6	15.1	-5	.3	8.5	-23.2	-16.5	35.7	-2.1	3.1	13.0	-5.9
Government consumption expenditures and gross investment	2.7	3.7	4.4	2.9	5.3	7.1	-1.2	4.6	-1.0	2.9	5.7	5.6	-1.1	10.5	5.6	1.4	2.9	4.6	.3
Federal	1.3	4.8	7.5	2.6	7.4	9.9	-13.2	16.0	-7.2	2.0	9.5	6.0	1.2	13.5	7.4	7.5	4.3	11.0	.9
National defense	-1	5.0	9.3	-2	14.0	10.0	-19.9	15.0	-6.1	4.7	8.3	2.7	4.6	14.3	11.6	7.8	6.9	11.0	-3.4
Nondefense	3.6	4.5	4.3	7.9	-3.6	9.7	.3	17.9	-9.2	-2.6	11.8	12.0	-4.5	12.1	.4	6.9	-3	11.1	9.1
State and local	3.5	3.1	2.8	3.0	4.2	5.6	5.6	-8	2.4	3.3	3.8	5.4	-2.3	8.9	4.6	-1.7	2.2	1.2	-1
Addenda:																			
Final sales of domestic product	3.7	1.5	1.8	4.1	4.3	5.2	4.4	3.1	1.7	1.3	2.8	-4	-2	4.2	2.4	-1	3.4	1.1	2.4
Gross domestic purchases	4.4	.4	3.0	3.3	5.8	6.8	3.6	5.7	1.2	1.3	-1.1	-1.1	-1	2.9	5.6	2.6	3.9	2.9	.9
Final sales to domestic purchasers	4.3	1.6	2.4	5.4	4.9	5.0	5.4	3.9	2.4	1.4	2.2	0	.1	4.3	3.0	1.3	3.3	2.6	1.4
Gross national product (GNP)	3.7	-2	2.1	2.1	4.8	7.6	2.2	5.1	.2	1.6	-1.4	-8	-1.1	3.7	3.7	.4	4.4	1.4	1.8
Disposable personal income	4.8	1.8	4.3	.8	1.5	4.8	8.4	4.8	4.3	1.8	-1	-6	10.5	-7.6	14.5	3.9	1.8	2.4	2.3
Current-dollar measures:																			
GDP	5.9	2.6	3.6	3.5	6.5	8.9	5.7	7.3	2.2	3.2	3.0	.9	1.9	2.2	6.5	2.5	5.1	3.2	4.4
Final sales of domestic product	5.9	3.9	3.0	5.7	5.6	7.0	7.6	5.5	3.4	3.4	6.6	2.1	2.0	3.6	3.7	1.2	4.5	2.9	5.0
Gross domestic purchases	7.0	2.4	4.2	5.5	7.8	9.1	7.4	8.0	3.4	3.4	2.1	.6	-2	3.4	6.9	4.9	5.2	4.7	4.5
Final sales to domestic purchasers	7.0	3.6	3.6	7.6	6.9	7.3	9.3	6.2	4.6	3.6	5.5	1.7	-1	4.8	4.2	3.6	4.6	4.4	5.1
GNP	5.9	2.6	3.3	3.7	6.1	9.4	5.3	7.5	1.9	3.7	2.2	1.7	1.1	3.2	5.1	1.6	5.5	3.3	4.4
Disposable personal income	7.4	3.8	5.7	3.1	3.7	7.3	12.2	7.2	6.4	4.0	3.2	1.2	10.4	-6.9	15.8	6.7	3.5	4.3	5.1

r revised.

See "Explanatory Note" at the end of the tables.

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

	2000	2001	2002	Seasonally adjusted at annual rates															
				1999			2000				2001				2002				2003
				II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Percent change at annual rate:																			
Gross domestic product	3.8	0.3	2.4	2.0	5.2	7.1	2.6	4.8	0.6	1.1	-0.6	-1.6	-0.3	2.7	5.0	1.3	4.0	1.4	1.9
Percentage points at annual rates:																			
Personal consumption expenditures	2.94	1.67	2.15	3.72	3.14	3.45	3.54	2.11	2.54	1.37	1.53	.92	.97	4.05	2.22	1.22	2.93	1.19	1.44
Durable goods .....	.65	.48	.59	1.09	.81	.81	1.36	-30	.63	-.44	.87	.42	.36	2.45	-.55	.16	1.74	-.72	-.15
Nondurable goods .....	.77	.39	.64	.93	.51	1.48	.45	.99	.40	.52	.45	-.07	.25	.73	1.57	-.02	.22	1.01	1.27
Services	1.51	.80	.92	1.70	1.81	1.16	1.73	1.43	1.51	1.29	.21	.57	.35	.87	1.20	1.08	.97	.90	.31
Gross private domestic investment	1.08	-1.90	.15	-8.6	1.85	2.32	.39	2.92	-1.09	-5.5	-3.65	-3.09	-.81	-2.88	2.53	1.16	.55	.93	-.51
Fixed investment	1.03	-.65	-.50	1.18	1.01	.53	2.15	1.15	.04	-.41	-.38	-1.95	-.72	-1.49	-.07	-.15	-.03	.65	-.03
Nonresidential .....	.98	-.66	-.68	.97	.97	.41	1.80	1.28	.46	-.41	-.71	-1.93	-.73	-1.33	-.66	-.27	-.08	.24	-.52
Structures .....	.20	-.05	-.52	-.17	-.20	.18	.40	.25	.37	.12	-.10	-.29	.10	-1.12	-.44	-.53	-.62	-.25	.01
Equipment and software .....	.78	-.61	-.15	1.14	1.17	.22	1.41	1.03	.09	-.53	-.61	-1.64	-.83	-.21	-.22	.26	.53	.49	-.53
Residential .....	.05	.01	.18	.21	.04	.12	.35	-.13	-.42	0	.34	-.02	.02	-.16	.60	.12	.05	.41	.49
Change in private inventories .....	.06	-1.24	.65	-2.04	.84	1.80	-1.77	1.77	-1.12	-.14	-3.27	-1.14	-.09	-1.39	2.60	1.31	.58	.28	-.48
Net exports of goods and services	-.75	-.18	-.67	-1.41	-.75	.04	-1.17	-1.00	-.72	-.23	.53	-.42	-.24	-.28	-.75	-1.40	-.01	-1.59	.91
Exports	1.04	-.59	-.17	.43	1.08	1.31	.82	1.53	1.25	-.46	-.69	-.42	-.19	-.99	-.33	1.29	.45	-.59	-.13
Goods .....	.85	-.47	-.26	.33	.94	1.11	.51	1.18	1.44	-.60	-.49	-1.34	-1.49	-.56	-.23	.99	.28	-.82	.01
Services	-.19	-.13	.09	.10	.14	.20	.31	.35	-.19	.14	-.20	-.08	-.45	-.42	.56	.30	.17	.23	-.14
Imports	-1.79	.42	-.50	-1.84	-1.83	-1.27	-1.99	-2.54	-1.97	.23	1.22	1.00	1.70	.70	-1.08	-2.69	-.47	-1.00	1.04
Goods	-1.54	.40	-.43	-1.72	-1.64	-1.12	-1.56	-2.32	-1.64	.22	1.21	1.18	1.17	.37	-.40	-2.74	-.40	-.71	.89
Services	-.24	.01	-.07	-.12	-.19	-.15	-.43	-.21	-.32	.01	.01	-.18	.53	.33	-.68	.05	-.07	-.30	.15
Government consumption expenditures and gross investment .....	.49	.65	.81	.50	.93	1.26	-.20	.83	-.18	.51	.99	1.00	-.21	1.85	1.04	.27	.56	.85	.05
Federal ..																			

Table 3.—Gross Domestic Product and Related Measures: Level and Change From Preceding Period

	Billions of current dollars						Billions of chained (1996) dollars						Change from preceding period			
	2002	Seasonally adjusted at annual rates					2002	Seasonally adjusted at annual rates					2002	2002		2003
		2002						2002						2002	2003	
		I	II	III	IV	I ^r		I	II	III	IV	I ^r					IV	I^{r}
Gross domestic product (GDP)	10,446.2	10,313.1	10,376.9	10,506.2	10,588.8	10,704.2	9,439.9	9,363.2	9,392.4	9,485.6	9,518.2	9,562.9	225.4	32.6	44.7	
Personal consumption expenditures	7,303.7	7,174.2	7,254.7	7,360.7	7,425.4	7,513.1	6,576.0	6,513.8	6,542.4	6,609.9	6,637.9	6,671.6	198.8	28.0	33.7	
Durable goods	871.9	859.0	856.9	897.8	873.9	861.7	999.9	975.9	980.7	1,032.4	1,010.6	1,006.0	68.0	-21.8	-4.6	
Motor vehicles and parts	376.1	365.8	362.1	400.7	375.9	367.0	382.4	370.0	369.1	407.6	382.8	375.4	20.5	-24.8	-7.4	
Furniture and household equipment	318.7	317.1	319.1	319.2	319.4	314.8	438.1	428.2	435.2	441.4	447.5	447.6	40.1	6.1	.1	
Other	177.1	176.1	175.8	177.9	178.6	179.9	185.8	184.2	184.1	187.0	188.1	191.5	10.5	1.1	3.4	
Nondurable goods	2,115.0	2,085.1	2,108.2	2,116.9	2,150.0	2,208.3	1,929.5	1,921.4	1,920.9	1,925.8	1,950.0	1,980.3	59.7	24.2	30.3	
Food	1,029.4	1,025.0	1,023.9	1,024.8	1,043.9	1,070.5	902.3	901.4	899.2	897.9	910.7	930.1	15.3	12.8	19.4	
Clothing and shoes	324.3	325.8	323.9	321.0	326.6	325.4	357.0	355.8	355.1	355.3	361.8	365.1	19.3	6.5	3.3	
Gasoline, fuel oil, and other energy goods	173.5	156.2	174.7	178.2	184.7	211.3	157.5	157.2	156.5	157.5	158.9	159.3	6.3	1.4	.4	
Gasoline and oil	158.5	142.3	160.7	163.5	167.4	191.5	145.1	145.1	144.7	145.4	145.1	146.3	6.3	-3	1.2	
Fuel oil and coal	15.0	13.9	14.0	14.7	17.3	19.8	12.7	12.4	12.1	12.4	14.0	13.3	.1	1.6	-7	
Other	587.8	578.0	585.6	592.9	594.8	601.1	515.8	510.1	513.1	518.0	521.9	528.9	20.3	3.9	7.0	
Services	4,316.8	4,230.1	4,289.5	4,346.0	4,401.5	4,443.1	3,675.6	3,642.2	3,666.2	3,687.0	3,707.0	3,713.8	80.7	20.0	6.8	
Housing	1,071.5	1,051.7	1,066.0	1,078.0	1,090.1	1,102.0	880.1	874.0	878.5	882.1	885.8	890.0	14.1	3.7	4.2	
Household operation	405.2	399.2	400.9	406.3	414.2	422.3	384.7	381.3	382.9	384.7	389.9	388.4	2.1	5.2	-1.5	
Electricity and gas	148.2	143.9	144.9	147.4	156.5	162.1	136.4	133.5	133.6	135.7	142.8	140.7	1.9	7.1	-2.1	
Other household operation	257.0	255.4	256.1	258.9	257.7	260.2	248.4	248.0	249.5	249.1	247.0	247.7	.2	-2.1	.7	
Transportation	275.8	273.3	275.6	276.1	278.3	278.0	250.3	250.9	250.3	249.8	250.1	250.1	-8	.3	0	
Medical care	1,148.5	1,119.0	1,139.3	1,158.8	1,176.9	1,189.7	978.6	963.4	974.7	984.4	992.0	1,001.3	40.3	7.6	9.3	
Recreation	285.1	279.0	283.8	285.9	291.8	292.3	237.5	235.6	237.1	237.1	240.3	238.6	4.3	3.2	-1.7	
Other	1,130.7	1,107.8	1,123.8	1,140.9	1,150.2	1,158.7	942.7	935.3	941.0	947.0	947.5	943.7	20.0	.5	-3.8	
Gross private domestic investment	1,593.2	1,559.4	1,588.0	1,597.3	1,628.1	1,622.3	1,589.6	1,554.0	1,583.9	1,598.0	1,622.4	1,609.0	15.0	24.4	-13.4	
Fixed investment	1,589.3	1,589.4	1,584.6	1,579.7	1,603.6	1,613.0	1,577.3	1,576.4	1,572.6	1,571.6	1,588.5	1,587.7	-50.1	16.9	-8	
Nonresidential	1,117.4	1,126.8	1,115.8	1,109.8	1,117.1	1,105.1	1,183.4	1,188.4	1,181.1	1,178.7	1,185.3	1,170.8	-71.7	6.6	-14.5	
Structures	269.3	288.3	275.2	259.4	254.2	256.9	226.4	243.2	231.7	218.2	212.6	212.7	-44.5	-5.6	.1	
Nonresidential buildings, including farm	179.2	192.4	182.3	171.1	170.9	172.3	145.6	157.1	148.2	139.1	137.8	137.4	-33.1	-1.3	-4	
Utilities	53.1	56.3	53.9	51.5	50.6	50.2	47.3	50.8	48.4	45.6	44.6	43.9	-3.0	-1.0	-7	
Mining exploration, shafts, and wells	30.6	32.3	31.7	31.0	27.3	29.3	29.2	30.2	30.3	29.9	26.5	28.4	-4.8	-3.4	1.9	
Other structures	6.4	7.3	7.3	5.8	5.4	5.1	5.5	6.3	6.3	5.0	4.6	4.4	-3.8	-4	-2	
Equipment and software	848.1	838.5	840.7	850.4	863.0	848.3	971.1	953.7	961.4	977.2	992.1	976.0	-17.1	14.9	-16.1	
Information processing equipment and software	399.7	388.7	397.1	406.9	406.3	411.5	563.1	540.4	575.2	579.7	590.1	590.1	14.6	4.5	10.4	
Computers and peripheral equipment	74.2	71.9	72.8	76.8	75.4	76.2	283.7	262.1	271.6	297.6	303.2	318.5	43.8	5.6	15.3	
Software	182.8	177.2	181.0	186.3	186.7	186.8	185.7	179.0	184.3	189.4	190.3	189.5	3.7	.9	-8	
Other	142.7	139.6	143.3	143.8	144.2	148.5	158.2	154.1	158.5	159.7	160.7	165.5	-5.7	1.0	4.8	
Industrial equipment	152.2	153.4	150.5	153.3	151.5	150.4	146.9	148.3	145.6	147.9	145.9	144.4	-6.9	-2.0	-1.5	
Transportation equipment	148.9	154.1	145.2	141.7	154.5	138.1	147.0	151.5	143.4	141.7	151.4	135.0	-16.6	9.7	-16.4	
Other	147.4	142.3	148.0	148.5	150.8	148.3	139.3	134.6	140.1	140.3	142.3	139.5	-1.4	2.0	-2.8	
Residential	471.9	462.6	468.7	469.9	486.5	507.8	388.2	383.6	386.1	387.1	395.9	406.4	14.7	8.8	10.5	
Structures	462.4	453.0	459.2	460.4	476.9	498.2	378.5	373.9	376.4	377.4	386.1	396.4	14.5	8.7	10.3	
Single family	247.0	241.1	244.3	245.3	257.4	273.5	200.5	197.2	198.4	199.8	206.5	214.8	7.9	6.7	8.3	
Multifamily	33.6	34.2	34.2	33.4	32.4	36.5	26.3	27.0	26.8	26.2	25.1	27.6	1.9	-1.1	2.5	
Other	181.8	177.7	180.7	181.7	187.1	188.3	151.6	149.6	151.0	151.3	154.4	153.7	4.7	3.1	-7	
Equipment	9.6	9.5	9.6	9.5	9.6	9.6	9.7	9.7	9.7	9.7	9.8	9.9	.2	.1	.1	
Change in private inventories	3.9	-29.9	3.4	17.6	24.5	9.3	5.2	-28.9	4.9	18.8	25.8	13.2	66.6	7.0	-12.6	
Farm .....	.5	5.3	.4	-2.3	-1.5	.6	1.1	6.4	.8	-2.2	-8	1.4	-9	1.4	2.2
Construction, mining, and utilities	-9	1.6	-1.1	-2.5	-1.7	-9.4	-7	1.6	-1.0	-2.3	-1.1	-6.5	-7.1	1.2	-5.4	
Manufacturing	-11.3	-31.1	-14.2	-2.7	2.8	-4.2	-11.5	-31.9	-14.1	-2.6	2.8	-4.1	24.7	5.4	-6.9	
Wholesale trade	-3.7	-19.5	-9.0	7.1	6.6	-2.8	-3.4	-19.8	-8.7	7.9	7.0	-1.9	13.1	-9	-8.9	
Retail trade	16.8	13.8	22.2	15.6	15.7	23.5	16.6	13.8	22.0	15.5	15.2	23.3	36.9	-3	8.1	
Other industries	2.5	0	5.1	2.3	2.5	1.5	2.5	0	5.0	2.3	2.5	1.5	-1	.2	-10	
Net exports of goods and services	-423.6	-360.1	-425.6	-432.9	-476.0	-484.0	-488.5	-446.6	-487.4	-488.0	-532.2	-506.9	-72.6	-44.2	25.3	
Exports	1,014.9	977.5	1,018.1	1,038.6	1,025.4	1,031.7	1,058.8	1,030.6	1,065.5	1,077.7	1,061.6	1,057.9	-17.3	-16.1	-3.7	
Goods	703.6	679.8	709.4	722.6	702.6	708.6	756.9	738.1	765.8	773.5	750.3	750.5	-28.3	-23.2	.2	
Foods, feeds, and beverages	49.5	49.7	48.6	49.5	50.3	52.4	60.9	63.4	61.3	59.4	59.6	61.8	-1.4	.2	2.2	
Industrial supplies and materials	153.7	144.9	155.6	156.3	158.0	165.5	162.8	158.5	165.8	163.1	163.9	165.9	.6	.8	2.0	
Capital goods, except automotive	291.3	284.4	294.1	301.7	285.0	281.7	324.8	316.0	327.7	336.8	318.6	315.5	-31.0	-18.2	-3.1	
Automotive vehicles, engines, and parts	78.5	73.8	80.4	82.5	77.4	78.7	76.1	71.7	78.1	79.9	74.7	75.8	2.7	-5.2	1.1	
Consumer goods, except automotive	84.5	82.2	84.2	86.0	85.6	86.4	84.6	82.3	84.5	86.0	85.6	86.3	-3.3	-4	.7	
Other	46.0	44.8	46.4	46.7	46.1	43.9	47.3	46.6	47.9	47.7	47.0	44.3	2.8	-7	-2.7	
Services	311.3	297.7	308.8	316.0	322.8	323.0	301.5	292.2	299.7	304.0	310.0	306.4	9.5	6.0	-3.6	
Imports	1,438.5	1,337.5	1,443.7	1,471.5	1,501.4	1,515.7	1,547.4	1,477.1	1,552.9	1,565.7	1,593.8	1,564.8	55.4	28.1 </		

Table 3.—Gross Domestic Product and Related Measures: Level and Change From Preceding Period—Continued

	Billions of current dollars						Billions of chained (1996) dollars								
	2002	Seasonally adjusted at annual rates					2002	Seasonally adjusted at annual rates					Change from preceding period		
		2002				2003		2002				2003	2002	2003	
		I	II	III	IV	I ^r		I	II	III	IV	I ^r	IV	I ^r	
Government consumption expenditures and gross investment	1,972.9	1,939.5	1,959.8	1,981.1	2,011.3	2,052.8	1,712.8	1,697.3	1,703.3	1,715.6	1,735.0	1,736.2	72.4	19.4	1.2
Federal	693.7	672.0	688.2	697.7	716.9	736.1	613.3	597.8	608.7	615.1	631.4	632.8	42.7	16.3	1.4
National defense	447.4	431.7	442.1	451.2	464.7	471.2	400.0	388.5	395.8	402.5	413.2	409.6	34.0	10.7	-3.6
Consumption expenditures	386.6	372.1	382.5	388.9	403.2	408.8	337.0	326.7	333.9	338.0	349.4	345.4	28.1	11.4	-4.0
Gross investment	60.8	59.7	59.6	62.4	61.5	62.4	63.3	62.2	62.2	65.0	63.9	64.6	6.0	-1.1	.7
Nondefense	246.3	240.3	246.1	246.5	252.2	264.9	213.3	209.3	212.9	212.7	218.3	223.2	8.9	5.6	4.9
Consumption expenditures	199.9	194.2	198.6	200.9	205.8	218.3	167.8	164.3	166.5	167.9	172.5	177.3	6.7	4.6	4.8
Gross investment	46.4	46.1	47.5	45.5	46.5	46.6	45.9	45.4	47.0	45.1	46.0	45.9	2.3	.9	-1.1
State and local	1,279.2	1,267.5	1,271.6	1,283.3	1,294.4	1,316.7	1,099.7	1,099.3	1,094.7	1,100.6	1,104.0	1,103.8	30.3	3.4	-2
Consumption expenditures	1,034.5	1,017.7	1,030.6	1,039.6	1,050.1	1,072.8	881.1	875.9	879.4	883.0	886.3	888.2	24.3	3.3	1.9
Gross investment	244.7	249.7	241.1	243.8	244.2	243.9	218.6	223.7	215.3	217.6	217.7	215.5	5.8	.1	-2.2
Residual							-87.2	-71.2	-75.8	-102.5	-100.0	-109.1	-44.3	2.5	-9.1
Addenda:															
Final sales of domestic product	10,442.4	10,343.0	10,373.5	10,488.7	10,564.3	10,694.9	9,424.4	9,379.4	9,377.9	9,457.2	9,483.1	9,539.1	166.0	25.9	56.0
Gross domestic purchases	10,869.9	10,673.1	10,802.4	10,939.1	11,064.8	11,188.2	9,889.8	9,778.2	9,840.8	9,934.7	10,005.5	10,028.7	289.1	70.8	23.2
Final sales to domestic purchasers	10,866.0	10,703.1	10,799.0	10,921.5	11,040.3	11,178.9	9,874.1	9,794.4	9,826.0	9,906.1	9,970.1	10,004.6	229.2	64.0	34.5
Gross domestic product	10,446.2	10,313.1	10,376.9	10,506.2	10,588.8	10,704.2	9,439.9	9,363.2	9,392.4	9,485.6	9,518.2	9,562.9	225.4	32.6	44.7
Plus: Income receipts from the rest of the world	278.0	264.7	276.0	287.3	284.2	279.5	253.3	242.8	251.8	261.3	257.5	250.9	-38.7	-3.8	-6.6
Less: Income payments to the rest of the world	287.6	262.8	296.1	298.2	293.4	290.4	260.3	239.2	268.2	269.5	264.2	259.3	-8.9	-5.3	-4.9
Equals: Gross national product	10,436.7	10,314.9	10,356.8	10,495.3	10,579.7	10,693.3	9,433.5	9,367.5	9,376.7	9,477.9	9,512.1	9,555.1	196.2	34.2	43.0
Net domestic product	9,052.8	8,949.6	8,987.0	9,101.0	9,173.4	9,279.9	8,055.8	8,017.7	8,017.0	8,085.5	8,103.0	8,134.2	150.4	17.5	31.2

r revised.
 NOTE.—Users are cautioned that particularly for components that exhibit rapid change in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series. For accurate estimates of the contributions to percent changes in real GDP, use table 2.
 See "Explanatory Note" at the end of the tables.

Table 4.—Chain-Type Price Indexes for Gross Domestic Product and Related Measures: Percent Change From Preceding Period
 [Percent]

	2000	2001	2002	Seasonally adjusted at annual rates															
				1999					2000				2001				2002		2003
				II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I ^r
Gross domestic product (GDP)	2.1	2.4	1.1	1.5	1.2	1.7	3.1	2.3	1.6	2.1	3.7	2.5	2.2	-0.5	1.3	1.2	1.0	1.8	2.5
Personal consumption expenditures	2.5	2.0	1.4	2.3	2.2	2.4	3.4	2.3	2.1	2.2	3.3	1.8	-1	.8	1.1	2.7	1.7	1.8	2.7
Durable goods	-1.7	-1.9	-2.8	-1.9	-1.7	-2.0	-2.0	-8	-2.2	-1.2	-3.4	-2.7	-1.5	-4.2	-2.9	-1.9	-2.2	-3.7	
Nondurable goods	3.8	1.5	.4	4.6	3.4	3.7	5.3	3.0	2.8	1.8	2.9	-1.4	-3.5	.2	4.6	.6	1.2	4.6	
Services	2.8	3.1	2.7	2.0	2.3	2.7	3.6	2.5	2.6	3.2	5.1	2.3	1.1	3.5	2.7	3.0	3.0	3.0	
Gross private domestic investment	1.0	1.2	-5	-1	-5	.5	2.1	1.2	1.7	1.2	2.0	1.1	-4	-2	-1.5	-4	-1.1	1.7	2.0
Fixed investment	1.1	1.2	-4	0	-4	.5	2.3	1.3	1.8	1.3	1.7	1.2	-2	-1	-1.5	-2	-9	1.8	2.5
Nonresidential .....	.1	.2	-1.4	-1.5	-1.6	-.5	.7	.4	1.3	.5	.4	.1	-1.1	-1.6	-2.0	-1.4	-1.3	.4	.6
Structures	4.0	5.0	-7	1.8	2.2	3.2	5.3	4.0	4.6	5.3	10.5	4.2	-3	-1.6	-3.6	.7	4	2.3	4.0
Equipment and software	-1.2	-1.5	-1.6	-2.5	-2.8	-1.6	-7	-8	-2	-1.1	-2.9	-1.4	-1.5	-1.6	-1.5	-2.1	-1.9	-2	-3
Residential	4.4	4.1	2.1	4.5	3.3	3.2	7.0	3.9	3.1	3.7	5.6	4.5	2.5	3.7	0	2.6	0	5.0	6.9
Change in private inventories																			
Net exports of goods and services																			
Exports	1.4	.8	-2	.4	.7	1.7	2.0	2.0	.8	.1	-8	-1.7	-1.9	-3.8	-8	3.0	3.5	.9	3.9
Goods	1.2	-.7	-5	-.3	.7	2.2	1.3	1.6	.4	.4	-2	-1.5	-2.4	-3.7	-1.1	2.3	3.4	.9	3.4
Services	2.1	-1.0	.3	2.1	.8	.5	3.9	3.0	2.0	-.4	-2.3	-2.1	-.6	-4.2	0	4.6	3.7	.8	5.0
Imports	4.5	-2.9	.3	4.9	5.8	5.5	6.6	1.1	4.6	.9	-2.5	-5.9	-17.0	4.7	-1.6	11.1	4.4	.9	11.8
Goods	4.8	-2.9	-1.7	5.2	6.3	6.3	6.8	1.2	4.5	.8	-3.7	-6.4	-6.6	-11.1	-2.1	10.9	2.7	.9	12.0
Services	3.3	-2.9	11.8	3.7	3.7	1.7	5.9	.7	4.8	1.1	3.8	-3.2	-57.7	167.5	1.1	12.2	13.6	.9	11.0
Government consumption expenditures and gross investment	3.9	2.4	1.7	3.6	3.2	3.1	6.4	3.0	2.9	2.7	4.2	1.8	-3	-3	3.6	2.8	1.4	1.6	8.2
Federal	3.0	1.7	2.7	1.8	2.1	1.6	8.1	.7	1.6	.1	4.6	1.5	.5	-.4	8.4	2.3	1.3	.3	10.2
National defense	3.0	1.6	2.4	1.5	2.0	1.9	7.5	.7	2.0	.6	4.0	1.1	.6	-1.1	7.3	2.0	1.5	1.2	9.5
Nondefense	3.1	1.9	3.4	2.5	2.3	.9	9.3	.6	.9	-.7	5.6	2.2	.4	.7	10.4	2.9	1.0	-1.2	11.4
State and local	4.3	2.7	1.1	4.5	3.7	3.9	5.5	4.2	3.6	4.0	4.1	1.9	-.8	-.3	1.1	3.1	1.5	2.2	7.1
Addenda:																			
Final sales of domestic product	2.1	2.4	1.1	1.6	1.3	1.7	3.1	2.4	1.7	2.1	3.6	2.5	2.2	-.5	1.3	1.2	1.1	1.8	2.6
Gross domestic purchases	2.5	1.9	1.2	2.1	1.9	2.2	3.7	2.2	2.2	2.1	3.3	1.7	-.2	.4	1.2	2.3	1.2	1.8	3.6
Final sales to domestic purchasers	2.5	1.9	1.2	2.1	1.9	2.2	3.7	2.2	2.2	2.1	3.2	1.7	-.1	.5	1.1	2.3	1.3	1.8	3.7
Gross national product (GNP)	2.1	2.4	1.1	1.5	1.2	1.7	3.1	2.3	1.6	2.1	3.7	2.5	2.2	-.5	1.3	1.2	1.0	1.8	2.5
Implicit price deflators:																			
GDP	2.1	2.4	1.1	1.5	1.2	1.7	3.1	2.3	1.6	2.1	3.7	2.5	2.2	-.5	1.3	1.2	1.0	1.8	2.5
Gross domestic purchases	2.5	1.9	1.2	2.1	1.9	2.2	3.7	2.2	2.2	2.2	3.2	1.7	-.1	.4	1.2	2.3	1.2	1.7	3.6
GNP	2.1	2.4	1.1	1.5	1.2	1.7	3.1	2.3	1.7	2.1	3.7	2.5	2.2	-.5	1.4	1.2	1.0	1.8	2.5

r revised.
 See "Explanatory Note" at the end of the tables.

Table 5.—Quantity and Price Indexes for Gross Domestic Product

[Index numbers, 1996=100]

	2000	2001	2002	Seasonally adjusted				
				2002				2003
				I	II	III	IV	I ^r
Gross domestic product:								
Chain-type quantity index	117.64	117.94	120.82	119.84	120.21	121.41	121.82	122.39
Chain-type price index	106.89	109.42	110.66	110.14	110.48	110.76	111.25	111.94
Implicit price deflator	106.89	109.42	110.66	110.14	110.48	110.76	111.25	111.93
Personal consumption expenditures:								
Chain-type quantity index	118.83	121.76	125.56	124.37	124.92	126.20	126.74	127.38
Chain-type price index	107.39	109.56	111.06	110.14	110.89	111.36	111.87	112.62
Durable goods:								
Chain-type quantity index	142.58	151.16	162.19	158.30	159.08	167.47	163.92	163.18
Chain-type price index	91.46	89.70	87.19	88.00	87.36	86.94	86.46	85.64
Nondurable goods:								
Chain-type quantity index	116.50	118.79	122.58	122.07	122.03	122.35	123.88	125.81
Chain-type price index	107.59	109.17	109.61	108.52	109.75	109.92	110.25	111.51
Services:								
Chain-type quantity index	115.67	117.98	120.63	119.54	120.32	121.01	121.66	121.88
Chain-type price index	110.85	114.32	117.44	116.15	117.00	117.88	118.74	119.64
Private fixed investment:								
Chain-type quantity index	139.52	134.20	130.06	129.99	129.68	129.60	130.99	130.93
Chain-type price index	100.00	101.16	100.76	100.82	100.76	100.52	100.95	101.59
Nonresidential:								
Chain-type quantity index	147.23	139.55	131.57	132.13	131.32	131.05	131.79	130.17
Chain-type price index	95.59	95.73	94.43	94.82	94.48	94.17	94.25	94.40
Residential:								
Chain-type quantity index	118.88	119.22	123.92	122.44	123.25	123.59	126.39	129.73
Chain-type price index	114.40	119.09	121.57	120.61	121.40	121.38	122.88	124.96
Exports of goods and services:								
Chain-type quantity index	130.09	123.10	121.13	117.89	121.89	123.28	121.44	121.02
Chain-type price index	96.83	96.10	95.87	94.88	95.58	96.41	96.62	97.55
Imports of goods and services:								
Chain-type quantity index	159.48	154.91	160.66	153.37	161.24	162.56	165.48	162.47
Chain-type price index	95.49	92.70	92.99	90.61	93.03	94.05	94.27	96.93
Government consumption expenditures and gross investment:								
Chain-type quantity index	111.29	115.36	120.46	119.37	119.79	120.65	122.02	122.10
Chain-type price index	110.65	113.27	115.18	114.27	115.06	115.47	115.92	118.23
Federal:								
Chain-type quantity index	102.42	107.33	115.37	112.46	114.50	115.71	118.79	119.04
Chain-type price index	108.23	110.09	113.11	112.42	113.07	113.44	113.53	116.32
State and local:								
Chain-type quantity index	116.52	120.11	123.51	123.47	122.95	123.62	123.99	123.97
Chain-type price index	111.98	115.01	116.33	115.29	116.17	116.60	117.24	119.29
Addenda:								
Final sales of domestic product:								
Chain-type quantity index	117.19	118.95	121.09	120.51	120.49	121.51	121.84	122.56
Chain-type price index	107.02	109.55	110.80	110.28	110.62	110.91	111.40	112.12
Implicit price deflator	107.02	109.55	110.80	110.27	110.62	110.91	111.40	112.12
Gross domestic purchases:								
Chain-type quantity index	121.00	121.50	125.15	123.74	124.53	125.72	126.62	126.91
Chain-type price index	106.58	108.65	109.90	109.15	109.77	110.11	110.59	111.57
Implicit price deflator	106.58	108.65	109.91	109.15	109.77	110.11	110.59	111.56
Final sales to domestic purchasers:								
Chain-type quantity index	120.56	122.52	125.43	124.42	124.82	125.84	126.65	127.09
Chain-type price index	106.70	108.78	110.04	109.28	109.90	110.25	110.73	111.74
Implicit price deflator	106.70	108.78	110.04	109.28	109.90	110.25	110.73	111.74
Gross national product:								
Chain-type quantity index	117.69	117.96	120.46	119.62	119.73	121.03	121.46	122.01
Chain-type price index	106.86	109.39	110.63	110.11	110.45	110.73	111.22	111.92
Implicit price deflator	106.86	109.38	110.63	110.11	110.45	110.73	111.22	111.91

r revised.
See "Explanatory Note" at the end of the tables.

Table 6.—Real Gross Domestic Product: Historical Perspective

[Percent change from preceding year]

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Gross domestic product (GDP)	3.4	4.2	3.5	1.8	-0.5	3.0	2.7	4.0	2.7	3.6	4.4	4.3	4.1	3.8	0.3	2.4
Personal consumption expenditures	3.3	4.0	2.7	1.8	-2	2.9	3.4	3.8	3.0	3.2	3.6	4.8	4.9	4.4	2.5	3.1
Durable goods	1.7	5.8	2.1	-9	-6.6	5.3	8.2	7.6	4.6	5.6	6.6	10.5	11.8	8.2	6.0	7.3
Nondurable goods	2.4	3.2	2.7	1.4	-4	1.9	2.9	3.8	3.0	2.9	2.9	4.1	4.7	3.9	2.0	3.2
Services	4.3	4.1	2.8	2.8	1.4	2.9	2.7	3.0	2.7	2.8	3.3	4.0	3.7	3.8	2.0	2.2
Gross private domestic investment	2.5	2.7	3.7	-3.1	-8.6	8.5	8.7	13.2	3.0	9.0	12.1	11.8	6.6	6.2	-10.7	1.0
Fixed investment	0	3.6	2.7	-1.8	-6.9	6.5	8.1	9.1	6.0	9.3	9.6	11.4	7.8	6.1	-3.8	-3.1
Nonresidential	-1	5.4	5.5	.7	-4.9	3.4	8.4	8.9	9.8	10.0	12.2	12.5	8.1	7.8	-5.2	-5.7
Structures	-3.6	1.3	2.5	1.5	-11.0	-6.1	.8	.8	4.8	7.1	9.1	6.8	-1.3	6.5	-1.7	-16.4
Equipment and software	1.7	7.5	7.0	.4	-2.0	7.4	11.3	11.9	11.5	11.0	13.3	14.6	11.5	8.2	-6.4	-1.7
Residential .....	.2	-5	-4.1	-8.6	-12.8	16.3	7.3	9.7	-3.6	7.4	2.0	8.0	6.7	1.1	.3	3.9
Change in private inventories																
Net exports of goods and services																
Exports	11.2	16.1	11.8	8.7	6.5	6.2	3.3	8.9	10.3	8.2	12.3	2.1	3.4	9.7	-5.4	-1.6
Goods	11.1	18.8	12.6	8.2	7.1	6.8	3.0	9.7	11.9	8.7	14.5	2.1	3.8	11.3	-5.9	-3.6
Services	11.6	9.3	9.6	10.0	5.1	4.6	4.1	7.2	6.4	6.8	7.0	2.3	2.5	6.0	-4.0	3.2
Imports	6.1	3.8	3.9	3.8	-5	6.6	9.1	12.0	8.2	8.6	13.7	11.8	10.9	13.2	-2.9	3.7
Goods	4.6	4.1	4.2	3.0	-1	9.3	10.1	13.3	9.0	9.4	14.2	11.7	12.2	13.5	-3.3	3.9
Services	12.6	2.7	2.8	7.6	-2.3	-4.0	4.7	5.8	4.1	4.8	10.9	11.9	4.2	11.6	-5	2.1
Government consumption expenditures and gross investment	3.0	1.2	2.8	3.3	1.2	.5	-8	.1	5	1.1	2.4	1.9	3.9	2.7	3.7	4.4
Federal	3.7	-1.8	1.3	2.0	-3	-1.6	-3.9	-3.6	-2.7	-9	-4	-8	2.3	1.3	4.8	7.5
National defense	4.7	-8	-8	0	-1.1	-4.9	-5.4	-4.8	-3.7	-1.3	-2.6	-1.8	2.1	-1	5.0	9.3
Nondefense .....	.5	-5.2	8.4	8.3	1.8	7.1	-3	-1.0	-5	0	4.2	1.1	2.7	3.6	4.5	4.3
State and local	2.3	3.7	3.9	4.2	2.3	2.0	1.4	2.6	2.5	2.3	4.0	3.4	4.7	3.5	3.1	2.8
Addenda:																
Final sales of domestic product	3.0	4.3	3.3	2.0	-2	2.8	2.6	3.4	3.1	3.6	4.0	4.2	4.3	3.7	1.5	1.8
Gross domestic purchases	3.1	3.2	2.9	1.4	-1.1	3.1	3.3	4.4	2.5	3.7	4.7	5.4	5.0	4.4	.4	3.0
Final sales to domestic purchasers	2.7	3.4	2.7	1.6	-9	2.8	3.2	3.8	3.0	3.7	4.3	5.3	5.2	4.3	1.6	2.4
Gross national product	3.3	4.2	3.5	1.9	-5	3.0	2.6	3.9	2.7	3.5	4.3	4.2	4.4	3.7	.2	2.1
Real disposable personal income	2.1	4.4	2.6	2.2	.4	3.1	1.4	2.6	2.6	2.5	3.1	5.4	2.6	4.8	1.8	4.3
Gross domestic purchases price index	3.3	3.4	3.8	4.1	3.4	2.5	2.3	2.0	2.2	1.8	1.6	.8	1.5	2.5	1.9	1.2
GDP price index	3.0	3.4	3.8	3.9	3.6	2.4	2.4	2.1	2.2	1.9	1.9	1.2	1.4	2.1	2.4	1.1
Personal consumption expenditures price index	3.8	3.9	4.4	4.6	3.8	3.1	2.4	2.0	2.3	2.1	1.9	1.1	1.6	2.5	2.0	1.4

Table 7.—Real Gross Domestic Product: Percent Change From Quarter One Year Ago

	1999			2000				2001				2002				2003
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
Gross domestic product (GDP)	3.9	4.2	4.3	4.2	4.9	3.7	2.3	1.5	-0.1	-0.4	0.1	1.4	2.2	3.3	2.9	2.1
Personal consumption expenditures	4.8	5.0	5.0	5.1	4.5	4.3	3.5	2.8	2.4	1.8	2.8	3.0	3.1	3.8	2.7	2.4
Durable goods	11.7	13.3	10.0	13.1	8.4	7.8	3.8	2.4	4.7	3.8	13.2	8.4	7.5	11.9	1.9	3.1
Nondurable goods	4.5	4.4	4.9	4.2	4.3	4.1	3.0	3.0	1.7	1.5	1.7	3.1	3.1	3.1	3.4	3.1
Services	3.6	3.7	4.0	4.0	3.8	3.6	3.8	2.8	2.3	1.6	1.3	1.8	2.1	2.5	2.5	2.0
Gross private domestic investment	6.8	6.6	6.6	5.3	11.0	6.4	2.2	-3.8	-11.9	-11.7	-15.1	-6.5	0	2.3	8.9	3.5
Fixed investment	7.9	8.4	5.9	7.3	7.1	5.7	4.3	.5	-4.0	-5.1	-6.7	-6.3	-3.7	-2.7	.6	.7
Nonresidential	7.8	9.4	6.6	8.3	8.9	7.8	6.2	1.1	-5.1	-7.4	-9.3	-9.4	-6.3	-5.1	-1.7	-1.5
Structures	-2.2	-3.1	-2.5	1.8	5.2	10.0	9.3	5.0	.8	-1.4	-10.6	-13.3	-15.6	-21.1	-15.9	-12.5
Equipment and software	11.3	13.8	9.7	10.5	10.1	7.2	5.2	-2	-7.1	-9.5	-8.8	-8.0	-2.9	1.1	3.3	2.3
Residential	8.2	5.6	4.0	4.1	2.1	-6	-1.2	-1.2	-6	2.0	1.0	2.4	3.2	3.4	6.7	6.0
Change in private inventories																
Net exports of goods and services																
Exports	2.5	5.7	4.9	8.8	11.4	11.6	7.3	3.7	-3.1	-10.1	-11.4	-9.3	-3.0	2.8	3.9	2.6
Goods	3.2	6.4	5.6	9.9	12.8	14.3	8.3	4.9	-3.3	-12.1	-12.3	-11.7	-4.3	1.8	.8	1.7
Services .....	.8	4.2	3.2	6.1	8.1	5.3	4.8	.7	-2.6	-4.7	-9.2	-3.1	0	5.3	11.4	4.9
Imports	10.0	12.6	11.9	13.5	14.3	14.1	11.1	5.2	-1.0	-7.1	-8.0	-4.1	2.6	6.7	10.1	5.9
Goods	11.3	14.3	13.0	13.9	14.7	14.3	11.1	5.1	-2.1	-7.5	-7.9	-4.8	3.8	7.3	9.9	6.8
Services	3.5	4.1	5.9	10.9	11.6	13.0	10.9	5.9	5.7	-4.5	-8.6	-1.4	-3.9	3.4	11.5	1.8
Government consumption expenditures and gross investment	3.0	3.8	4.5	3.5	3.9	2.3	1.3	3.0	3.3	3.2	5.1	5.0	4.0	5.0	3.6	2.3
Federal .....	.1	2.9	4.0	1.2	4.4	.7	-1.2	4.7	2.4	4.6	7.5	6.9	7.3	8.1	7.5	5.9
National defense	-3	1.7	4.4	0	3.7	-1.3	-2.5	5.2	2.2	5.1	7.4	8.2	9.5	10.1	9.3	5.4
Nondefense .....	.8	5.2	3.4	3.4	5.7	4.2	1.1	3.9	2.6	3.9	7.6	4.7	3.5	4.7	4.4	6.6
State and local	4.5	4.3	4.8	4.6	3.6	3.2	2.6	2.2	3.7	2.5	3.9	4.1	2.3	3.4	1.6	.4
Addenda:																
Final sales of domestic product	4.1	4.5	4.2	4.5	4.2	3.6	2.6	2.2	1.4	.9	1.6	1.5	1.6	2.5	1.7	1.7
Gross domestic purchases	4.8	5.1	5.2	4.9	5.5	4.3	2.9	1.7	.1	-3	.1	1.8	2.8	3.7	3.7	2.6
Final sales to domestic purchasers	5.0	5.4	5.1	5.2	4.8	4.2	3.3	2.5	1.5	.9	1.6	1.8	2.2	3.0	2.5	2.1
Gross national product	4.2	4.6	4.7	4.2	4.9	3.7	2.2	1.3	-1	-4	.1	1.4	1.7	3.0	2.5	2.0
Real disposable personal income	2.4	1.9	2.4	3.8	4.9	5.6	4.8	2.7	1.3	2.8	.3	3.8	5.0	2.8	5.5	2.6
Gross domestic purchases price index	1.4	1.6	1.9	2.5	2.5	2.6	2.5	2.4	2.3	1.7	1.3	.8	.9	1.3	1.6	2.2
GDP price index	1.5	1.4	1.6	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.0	1.4	1.1	.8	1.3	1.6
Personal consumption expenditures price index	1.6	1.8	2.0	2.6	2.6	2.5	2.5	2.5	2.4	1.8	1.5	.9	1.1	1.6	1.8	2.3

r revised.

Table 8.—Relation of Gross Domestic Product, Gross National Product, and National Income

[Billions of dollars]

	2000	2001	2002	Seasonally adjusted at annual rates				
				2002				2003
				I	II	III	IV	I ^r
Gross domestic product	9,824.6	10,082.2	10,446.2	10,313.1	10,376.9	10,506.2	10,588.8	10,704.2
Plus: Income receipts from the rest of the world	383.4	316.9	278.0	264.7	276.0	287.3	284.2	279.5
Less: Income payments to the rest of the world	360.0	295.0	287.6	262.8	296.1	298.2	293.4	290.4
Equals: Gross national product	9,848.0	10,104.1	10,436.7	10,314.9	10,356.8	10,495.3	10,579.7	10,693.3
Less: Consumption of fixed capital	1,228.9	1,329.3	1,393.5	1,363.5	1,389.8	1,405.3	1,415.4	1,424.3
Less: Indirect business tax and nontax liability	753.6	774.8	800.4	786.2	795.1	806.9	813.3	821.0
Less: Business transfer payments	43.7	42.5	44.1	43.8	43.9	44.4	44.3	44.6
Less: Statistical discrepancy	-128.5	-117.3	-116.7	-110.0	-165.0	-82.1	-109.6	-100.8
Plus: Subsidies less current surplus of government enterprises	34.1	47.3	32.5	37.0	35.1	29.1	29.0	28.2
Equals: National income	7,984.4	8,122.0	8,347.9	8,268.5	8,328.0	8,349.9	8,445.3	8,532.4
Compensation of employees	5,723.4	5,874.9	5,977.4	5,908.4	5,963.9	5,988.4	6,048.8	6,118.1
Wage and salary accruals	4,836.3	4,950.6	5,003.7	4,957.8	4,997.3	5,007.4	5,052.4	5,105.3
Supplements to wages and salaries	887.1	924.3	973.7	950.7	966.6	981.0	996.4	1,012.8
Proprietors' income with inventory valuation and capital consumption adjustments	714.8	727.9	756.5	748.4	747.5	758.7	771.6	785.8
Rental income of persons with capital consumption adjustment	146.6	137.9	142.4	141.3	153.5	144.1	130.6	127.6
Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	787.4	797.6	785.0	771.0	796.1	804.0
Net interest	611.5	649.8	684.2	672.8	678.1	687.6	698.3	696.9
Addendum:								
Gross domestic income	9,953.1	10,199.4	10,562.9	10,423.1	10,541.8	10,588.3	10,698.4	10,805.0

r revised

Table 9.—Personal Income and Its Disposition

[Billions of dollars]

	2000	2001	2002	Seasonally adjusted at annual rates				
				2002				2003
				I	II	III	IV	I ^r
Personal income ¹	8,406.6	8,685.3	8,929.1	8,803.4	8,914.0	8,958.9	9,039.9	9,127.7
Wage and salary disbursements	4,836.3	4,950.6	5,003.7	4,957.8	4,997.3	5,007.4	5,052.4	5,103.9
Other labor income	544.2	570.4	610.6	590.8	604.1	617.5	630.2	639.1
Proprietors' income with inventory valuation and capital consumption adjustments	714.8	727.9	756.5	748.4	747.5	758.7	771.6	785.8
Farm	22.6	19.0	12.9	21.7	7.5	10.7	11.7	15.1
Nonfarm	692.2	708.8	743.7	726.7	740.0	748.0	759.9	770.7
Rental income of persons with capital consumption adjustment	146.6	137.9	142.4	141.3	153.5	144.1	130.6	127.6
Personal dividend income	375.7	409.2	433.8	423.7	430.3	437.3	443.8	451.2
Personal interest income	1,077.0	1,091.3	1,078.5	1,069.9	1,082.3	1,080.7	1,080.9	1,074.5
Transfer payments to persons	1,070.3	1,170.4	1,288.0	1,252.0	1,282.6	1,298.4	1,319.1	1,340.8
Less: Personal contributions for social insurance	358.4	372.3	384.5	380.5	383.6	385.3	388.7	395.2
Less: Personal tax and nontax payments	1,286.4	1,292.1	1,113.6	1,136.8	1,121.8	1,099.0	1,096.8	1,085.5
Equals: Disposable personal income	7,120.2	7,393.2	7,815.5	7,666.7	7,792.2	7,859.9	7,943.2	8,042.3
Less: Personal outlays	6,918.6	7,223.5	7,524.5	7,396.3	7,477.9	7,583.0	7,640.7	7,732.2
Equals: Personal saving	201.5	169.7	291.0	270.4	314.3	276.9	302.5	310.1
Addenda:								
Disposable personal income, billions of chained (1996) dollars ²	6,630.3	6,748.0	7,036.8	6,961.0	7,027.2	7,058.1	7,100.8	7,141.4
Personal saving as a percentage of disposable personal income	2.8	2.3	3.7	3.5	4.0	3.5	3.8	3.9

r revised

1. Personal income is also equal to national income less corporate profits with inventory valuation and capital consumption adjustments, net interest, contributions for social insurance, and wage accruals less disbursements, plus personal interest income, personal dividend income, government transfer payments to persons, and business transfer payments to persons.

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

Table 10.—Corporate Profits: Level and Percent Change

	Billions of dollars								Percent change from preceding period						
	2000	2001	2002	Seasonally adjusted at annual rates					2001	2002	Quarterly rates				Quarter one year ago
				2002				2003			2002			2003	
				I	II	III	IV				I	II	III			IV
Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	787.4	797.6	785.0	771.0	796.1	804.0	-7.2	7.6	-1.6	-1.8	3.2	1.0	0.8
Profits before tax	782.3	670.2	665.2	639.4	657.9	668.5	694.9	719.5	-14.3	-7	2.9	1.6	3.9	3.5	12.5
Profits tax liability	259.4	199.3	213.3	202.4	213.7	214.7	222.4	235.1	-23.2	7.0	5.6	.5	3.6	5.7	16.1
Profits after tax	522.9	470.9	451.9	437.0	444.3	453.8	472.5	484.4	-10.0	-4.0	1.7	2.1	4.1	2.5	10.9
Dividends	376.1	409.6	434.3	424.2	430.8	437.7	444.3	451.6	8.9	6.0	1.6	1.6	1.5	1.6	6.5
Undistributed profits	146.8	61.2	17.6	12.8	13.5	16.1	28.2	32.8	-58.3	-71.2	4.9	19.4	75.4	16.4	155.8
Inventory valuation adjustment	-15.0	5.0	-6.9	1.9	-5.7	-15.1	-8.5	-28.5							
Capital consumption adjustment	20.8	56.5	129.1	156.3	132.8	117.6	109.7	113.0	172.1	128.5	-15.0	-11.4	-6.7	3.0	-27.7
Addenda:															
Corporate profits after tax with inventory valuation and capital consumption adjustments	528.7	532.3	574.1	595.2	571.3	556.3	573.7	568.9	.7	7.9	-4.0	-2.6	3.1	-8	-4.4
Net cash flow with inventory valuation and capital consumption adjustments	873.7	911.8	967.3	979.3	966.7	954.7	968.7	957.3	4.4	6.1	-1.3	-1.2	1.5	-1.2	-2.2
Undistributed profits with inventory valuation and capital consumption adjustments	152.6	122.7	139.9	171.0	140.5	118.6	129.4	117.3	-19.6	14.0	-17.8	-15.6	9.1	-9.3	-31.4
Consumption of fixed capital	721.1	789.1	827.5	808.3	826.1	836.1	839.3	840.0	9.4	4.9	2.2	1.2	.4	.1	3.9
Less: Inventory valuation adjustment	-15.0	5.0	-6.9	1.9	-5.7	-15.1	-8.5	-28.5							
Equals: Net cash flow	888.7	906.8	974.2	977.4	972.4	969.8	977.2	985.7	2.0	7.4	-5	-3	.8	.9	.9

Table 11.—Corporate Profits by Industry: Level and Change From Preceding Period

[Billions of dollars]

	Level								Change from preceding period						
	2000	2001	2002	Seasonally adjusted at annual rates					2001	2002	2002				2003
				2002				2003			II	III	IV		
				I	II	III	IV							I	
Corporate profits with inventory valuation and capital consumption adjustments	788.1	731.6	787.4	797.6	785.0	771.0	796.1	804.0	-56.5	55.8	-12.6	-14.0	25.1	7.9	
Domestic industries	644.8	580.9	668.1	665.6	669.9	654.9	682.0	698.4	-63.9	87.2	4.3	-15.0	27.1	16.4	
Financial	183.0	173.5	209.7	213.2	210.7	207.3	207.6	218.6	-9.5	36.2	-2.5	-3.4	.3	11.0	
Nonfinancial	461.8	407.4	458.4	452.4	459.3	447.6	474.4	479.9	-54.4	51.0	6.9	-11.7	26.8	5.5	
Rest of the world	143.3	150.8	119.3	132.0	115.1	116.1	114.1	105.6	7.5	-31.5	-16.9	1.0	-2.0	-8.5	
Receipts from the rest of the world	203.8	172.4	177.0	161.4	173.4	185.9	187.3	190.7	-31.4	4.6	12.0	12.5	1.4	3.4	
Less: Payments to the rest of the world	60.5	21.6	57.7	29.4	58.3	69.7	73.3	85.1	-38.9	36.1	28.9	11.4	3.6	11.8	
Corporate profits with inventory valuation adjustment	767.3	675.1	658.3	641.3	652.2	653.4	686.4	691.1	-92.2	-16.8	10.9	1.2	33.0	4.7	
Domestic industries	624.0	524.4	539.0	509.3	537.1	537.3	572.3	585.5	-99.6	14.6	27.8	.2	35.0	13.2	
Financial	201.0	190.6	217.3	218.2	218.5	216.1	216.5	226.0	-10.4	26.7	.3	-2.4	.4	9.5	
Federal Reserve banks	30.0	27.9	22.8	23.4	23.9	22.9	21.2	20.9	-2.1	-5.1	.5	-1.0	-1.7	-3	
Other	171.0	162.8	194.5	194.8	194.6	193.2	195.2	205.1	-8.2	31.7	-2	-1.4	2.0	9.9	
Nonfinancial	423.0	333.7	321.7	291.1	318.6	321.2	355.8	359.5	-89.3	-12.0	27.5	2.6	34.6	3.7	
Manufacturing	159.8	83.4	92.6	68.9	91.9	100.5	108.9	108.9	-76.4	9.2	23.0	8.6	8.4	.....
Durable goods	61.5	9.9	17.0	2.5	17.8	22.8	24.6	.....	-51.6	7.1	15.3	5.0	1.8	.....
Primary metal industries	1.0	-1.6	1.2	.5	.3	1.3	2.6	.....	-2.6	2.8	-2	1.0	1.3	.....
Fabricated metal products	15.4	9.0	5.8	5.2	5.8	4.7	7.3	.....	-6.4	-3.2	.6	-1.1	2.6	.....
Industrial machinery and equipment	14.2	-.6	-2.5	-4.9	-2.9	-.1	-2.2	.....	-14.8	-1.9	2.0	2.8	-2.1	.....
Electronic and other electric equipment	5.5	-3.2	.7	-6.2	-.9	4.0	6.1	.....	-8.7	3.9	5.3	4.9	2.1	.....
Motor vehicles and equipment	-2.2	-9.4	-7.6	-11.8	-4.4	-6.6	-7.7	.....	-7.2	1.8	7.4	-2.2	-1.1	.....
Other	27.6	15.7	19.4	19.7	20.0	19.5	18.5	.....	-11.9	3.7	.3	-5	-1.0	.....
Nondurable goods	98.3	73.5	75.6	66.4	74.1	77.6	84.3	.....	-24.8	2.1	7.7	3.5	6.7	.....
Food and kindred products	25.8	16.6	20.1	18.9	19.2	21.0	21.1	.....	-9.2	3.5	.3	1.8	.1	.....
Chemicals and allied products	17.2	15.2	16.9	15.1	16.7	17.0	18.9	.....	-2.0	1.7	1.6	.3	1.9	.....
Petroleum and coal products	26.1	25.7	16.9	14.1	15.4	17.4	20.7	.....	-4	-8.8	1.3	2.0	3.3	.....
Other	29.1	16.0	21.8	18.3	22.8	22.3	23.7	.....	-13.1	5.8	4.5	-5	1.4	.....
Transportation and public utilities	36.6	27.7	16.7	15.0	17.1	13.2	21.5	.....	-8.9	-11.0	2.1	-3.9	8.3	.....
Transportation	12.8	1.2	.3	-.5	-1.7	-.3	3.6	.....	-11.6	-.9	-1.2	1.4	3.9	.....
Communications	-5.5	-5.8	-11.7	-9.3	-12.7	-13.1	-11.8	.....	-.3	-5.9	-3.4	-.4	1.3	.....
Electric, gas, and sanitary services	29.4	32.2	28.1	24.8	31.4	26.5	29.6	.....	2.8	-4.1	6.6	-4.9	3.1	.....
Wholesale trade	62.1	44.8	47.3	41.2	44.8	44.5	58.9	.....	-17.3	2.5	3.6	-3	14.4	.....
Retail trade	73.4	79.1	81.2	81.4	86.0	82.5	75.1	.....	5.7	2.1	4.6	-3.5	-7.4	.....
Other	91.0	98.8	83.9	84.6	78.9	80.6	91.5	.....	7.8	-14.9	-5.7	1.7	10.9	.....
Rest of the world	143.3	150.8	119.3	132.0	115.1	116.1	114.1	105.6	7.5	-31.5	-16.9	1.0	-2.0	-8.5	

Table 12.—Gross Domestic Product of Nonfinancial Corporate Business

	2000	2001	2002	Seasonally adjusted at annual rates				
				2002				2003
				I	II	III	IV	I
Billions of dollars								
Gross product of nonfinancial corporate business	5,295.0	5,354.2	5,498.9	5,423.8	5,489.0	5,504.8	5,577.9	5,624.6
Consumption of fixed capital	599.4	652.8	686.6	670.7	685.1	693.7	696.7	697.9
Net product	4,695.6	4,701.4	4,812.3	4,753.1	4,803.8	4,811.1	4,881.2	4,926.7
Indirect business tax and nontax liability plus business transfer payments less subsidies	508.9	523.7	549.1	539.3	545.6	554.2	557.2	562.0
Domestic income	4,186.6	4,177.7	4,263.3	4,213.9	4,258.2	4,256.9	4,324.0	4,364.7
Compensation of employees	3,542.1	3,573.5	3,610.8	3,570.1	3,604.4	3,615.0	3,653.7	3,690.9
Wage and salary accruals	3,040.1	3,056.4	3,064.9	3,040.2	3,063.5	3,064.3	3,091.6	3,118.4
Supplements to wages and salaries	502.0	517.1	545.9	529.9	540.8	550.7	562.1	572.4
Corporate profits with inventory valuation and capital consumption adjustments	461.8	407.4	458.4	452.4	459.3	447.6	474.4	479.9
Profits before tax	437.9	328.8	328.6	289.2	324.4	336.3	364.4	387.9
Profits tax liability	172.4	123.5	131.5	119.8	130.8	133.4	142.2	152.0
Profits after tax	265.5	205.3	197.0	169.5	193.6	202.9	222.1	236.0
Dividends	259.6	278.5	285.8	293.1	280.2	275.9	294.2	300.0
Undistributed profits	5.9	-73.2	-88.8	-123.6	-86.6	-73.0	-72.1	-64.0
Inventory valuation adjustment	-15.0	5.0	-6.9	1.9	-5.7	-15.1	-8.5	-28.5
Capital consumption adjustment	38.8	73.6	136.7	161.3	140.6	126.4	118.6	120.4
Net interest	182.7	196.8	194.1	191.4	194.6	194.3	195.9	193.9
Billions of chained (1996) dollars								
Gross product of nonfinancial corporate business ¹	5,148.3	5,141.8	5,307.5	5,231.3	5,298.7	5,320.7	5,379.4	5,411.4
Consumption of fixed capital ²	616.7	671.9	720.8	695.2	715.4	731.4	741.1	749.7
Net product ³	4,531.5	4,469.9	4,586.7	4,536.0	4,583.3	4,589.4	4,638.3	4,661.7
Dollars								
Price, costs, and profits per unit of real gross product of nonfinancial corporate business:								
Price per unit of real gross product of nonfinancial corporate business ⁴	1.029	1.041	1.036	1.037	1.036	1.035	1.037	1.039
Compensation of employees (unit labor cost) .....	.688	.695	.680	.682	.680	.679	.679	.682
Unit nonlabor cost .....	.250	.267	.269	.268	.269	.271	.270	.269
Consumption of fixed capital .....	.116	.127	.129	.128	.129	.130	.130	.129
Indirect business tax and nontax liability plus business transfer payments less subsidies .....	.099	.102	.103	.103	.103	.104	.104	.104
Net interest .....	.035	.038	.037	.037	.037	.037	.036	.036
Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production) .....	.090	.079	.086	.086	.087	.084	.088	.089
Profits tax liability .....	.033	.024	.025	.023	.025	.025	.026	.028
Profits after tax with inventory valuation and capital consumption adjustments .....	.056	.055	.062	.064	.062	.059	.062	.061

1. Effective November 26, 2002, the estimates of chained-dollar gross product of nonfinancial corporate business beginning with 1999 have been revised to reflect the 2002 revision to the gross product price indexes for non-financial industries.

2. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of

the chain-type quantity index and the 1996 current-dollar value of the corresponding series, divided by 100.

3. Chained-dollar net product of nonfinancial corporate business is the difference between the gross product and the consumption of fixed capital.

4. The deflator for gross product of nonfinancial corporate business divided by 100.

Appendix Table A.—Real Gross Domestic Product and Related Aggregates and Price Indexes: Percent Change From Preceding Period
[Percent]

	2000	2001	2002	Seasonally adjusted at annual rates																2003
				1999			2000				2001				2002					
				II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		
GDP and related aggregates:																				
GDP	3.8	0.3	2.4	2.0	5.2	7.1	2.6	4.8	0.6	1.1	-0.6	-1.6	-0.3	2.7	5.0	1.3	4.0	1.4	1.9	
Goods	4.7	-2.3	3.3	1.5	8.2	12.0	1.4	6.9	-5	-2.7	-4.4	-5.7	-1.5	4.3	8.3	.4	9.0	-1.6	2.9	
Services	3.3	2.1	2.8	2.9	4.3	3.9	2.0	5.0	1.6	3.7	.9	1.2	1.8	3.2	2.8	3.5	2.5	3.1	.8	
Structures	2.7	-1	-2.8	-1.5	-1.9	6.2	10.7	-3.6	-1.2	1.7	6.1	-1.3	-7.1	-5.6	6.1	-8.4	-5.5	2.5	4.8	
Motor vehicle output	-2.7	-6.1	12.8	-2.0	21.0	2.0	-1.6	-7.9	-16.4	-18.1	-19.1	19.4	10.7	16.3	9.9	8.1	37.1	-13.4	-3.0	
GDP less motor vehicle output	4.0	.5	2.1	2.1	4.6	7.3	2.7	5.4	1.2	1.8	0	-2.2	-6	2.3	4.9	1.0	3.0	1.9	2.1	
Final sales of computers ¹	29.5	9.1	13.0	61.8	35.1	-3.9	56.9	45.2	9.6	10.2	30.0	-19.1	-5.3	28.9	-7.8	13.1	78.5	26.7	18.0	
GDP less final sales of computers	3.5	.2	2.4	1.5	4.9	7.2	2.2	4.5	.5	1.0	-8	-1.4	-2	2.6	5.1	1.2	3.6	1.2	1.8	
Farm product ²	11.5	-5.1	.4	25.7	-7.3	8.7	35.1	4.7	15.3	-19.1	-10.6	-17.5	-4.3	74.0	-14.2	-26.7	7.9	9.5	19.7	
Nonfarm business less housing product ³	4.1	-1	2.8	1.8	6.0	8.5	2.1	5.6	.3	1.2	-9	-2.8	-8	3.0	6.3	.9	5.4	1.8	1.9	
Price indexes:																				
GDP	2.1	2.4	1.1	1.5	1.2	1.7	3.1	2.3	1.6	2.1	3.7	2.5	2.2	-5	1.3	1.2	1.0	1.8	2.5	
GDP less food and energy	2.0	2.0	1.4	1.6	1.3	1.8	2.7	2.1	1.6	1.9	2.8	1.6	2.8	0	1.6	1.5	1.1	1.6	2.0	
GDP less final sales of computers	2.3	2.6	1.3	1.8	1.5	1.9	3.3	2.5	1.8	2.2	4.1	2.7	2.4	-4	1.5	1.4	1.2	1.9	2.7	
Gross domestic purchases	2.5	1.9	1.2	2.1	1.9	2.2	3.7	2.2	2.2	2.1	3.3	1.7	-2	.4	1.2	2.3	1.2	1.8	3.6	
Gross domestic purchases less food and energy	1.9	1.8	1.4	1.4	1.2	1.7	2.7	1.9	1.5	1.7	2.9	1.3	.6	2.0	1.4	1.5	1.2	1.5	2.0	
Gross domestic purchases less final sales of computers	2.8	2.2	1.4	2.4	2.2	2.4	3.9	2.4	2.4	2.3	3.8	2.0	.1	.7	1.4	2.4	1.4	2.0	3.8	
Personal consumption expenditures	2.5	2.0	1.4	2.3	2.2	2.4	3.4	2.3	2.1	2.2	3.3	1.8	-1	.8	1.1	2.7	1.7	1.8	2.7	
Personal consumption expenditures less food and energy	1.8	1.8	1.7	1.4	1.5	1.7	2.2	1.8	1.3	1.8	2.8	1.2	.7	2.7	1.4	1.9	1.8	1.5	.8	

r revised.

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

2. Farm output less intermediate goods and services purchased.

3. Consists of GDP less gross product of farm, of housing, of households and institutions, and of general government.

See "Explanatory Note" at the end of the tables.

Explanatory Note: Measures of Output and Prices

This note describes the calculation of chain-type quantity and price indexes used in the NIPA's.

Changes in current-dollar GDP measure changes in the market value of goods, services, and structures produced in the economy in a particular period. These changes can be decomposed into quantity and price components. Quantities, or "real" measures, and prices are expressed as index numbers with the reference year--at present, the year 1996--equal to 100.

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from two adjacent years. (Quarterly changes in quantities and prices are calculated using a Fisher formula that incorporates weights from two adjacent quarters; quarterly indexes are adjusted for consistency to the annual indexes before percent changes are calculated.) For example, the 2000-01 annual percent change in real GDP uses prices for 2000 and 2001 as weights, and the 2000-01 annual percent change in GDP prices uses quantities for 2000 and 2001 as weights. These annual changes are "chained" (multiplied) together to form time series of quantity and price indexes. The Fisher formula produces percent changes in quantities and prices that are not affected by the choice of reference years. In addition, because the changes in quantities and prices calculated in this way are symmetric, in general, the product of a quantity index and the corresponding price index equals the current-dollar index. (BEA also publishes a measure of the price level known as 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 are very close to the values of the corresponding "chain-type" price index for all periods.)

Chain-type quantity and price indexes for GDP and its major components are presented in this release as index numbers in table 5 and in the form of percentage changes from the preceding period in tables 1, 4, 6 and from the quarter one year ago in table 7. Contributions by major components to changes in real GDP are presented in table 2. BEA also prepares measures of real GDP and its components in a dollar-denominated form, designated "chained (1996) dollar estimates." For GDP and most other series, these estimates, which are presented in table 3, are computed by multiplying the 1996 current-dollar value by a corresponding quantity index number and then dividing by 100. For example, if a current-dollar GDP component equaled \$100 in 1996 and if real output for this component increased 10 percent in 1997, then the chained (1996) dollar value of this component in 1997 would be \$110 ($\100×1.10).

For analyses of changes over time in an aggregate or in a component, the percentage changes calculated from the chained-dollar estimates and from the chain-type quantity indexes are the same; any differences will be small and due to rounding. However, because the relative prices used as weights for any period other than the reference year differ from those used for the reference year, the chained-dollar values for the detailed GDP components will not necessarily sum to the chained-dollar estimate of GDP or to any intermediate aggregate. A measure of the extent of such differences is provided by a "residual" line, which indicates the difference between GDP (or another major aggregate) and the sum of the most detailed components in the table. For periods close to the reference year, when there usually has not been much change in the relative prices that are used as weights for the chain-type index, the residuals tend to be small, and the chained (1996) dollar estimates can be used to approximate the contributions to growth and to aggregate the detailed estimates. As one moves further from the reference year, the residual tends to become larger, and the chained-dollar estimates become less useful for analyses of contributions to growth. Thus, the contributions to percent change shown in table 2 provide a better measure of the composition of GDP growth. In particular, for components for which relative prices are changing rapidly, calculation of contributions using chained-dollar estimates may be misleading even just a few years from the reference year.

References: "A Preview of the 1999 Comprehensive Revision of the NIPA's: Statistical Changes," October 1999 Survey, pp. 6-17; "A Guide to the NIPA's," March 1998 Survey, pp. 36-40; "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," May 1997 Survey, pp. 58-68.