FOR WIRE TRANSMISSION: 8:30 A.M. EDT, THURSDAY, AUGUST 26, 1999

Virginia H. Mannering: (202) 606-5304 (GDP) BEA 99-25

Kenneth A. Petrick: 606-9738 (Profits)

Recorded message: 606-5306

GROSS DOMESTIC PRODUCT: SECOND QUARTER 1999 (PRELIMINARY) CORPORATE PROFITS: SECOND QUARTER 1999 (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 1.8 percent in the second quarter of 1999, according to preliminary estimates released by the Commerce Department's Bureau of Economic Analysis. In the first quarter, real GDP increased 4.3 percent. Real GDP increased \$34.7 billion in the second quarter, following an increase of \$81.9 billion in the first.

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 2.3 percent (see "Revisions" on page 3).

The major contributors to the increase in real GDP in the second quarter were: Personal consumption expenditures (PCE), private fixed investment, and exports. The contributions of these components were partially offset by the effects of an increase in imports and of a decrease in inventory investment.

As announced in the February issue of the <u>Survey of Current Business</u>, the Bureau of Economic Analysis plans to release the initial results of its 11th comprehensive, or benchmark, revision of the national income and product accounts (NIPA's) on October 28, 1999, along with the release of the advance estimates for the third quarter of 1999. The August 1999 issue of the <u>Survey</u> presented the first in a series of articles on the comprehensive 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 (1992) dollars. Price indexes are chain-type measures.

The deceleration in real GDP in the second quarter primarily reflected a deceleration in PCE and a downturn in government spending that more than offset an upturn in exports.

The price index for gross domestic purchases, which measures prices paid by U.S. residents, increased 2.1 percent in the second quarter, the same increase as in the advance estimate; this index increased 1.2 percent in the first quarter. Excluding food and energy prices, which are normally more volatile than many other prices, the price index increased 1.4 in the second quarter, compared with an increase of 1.3 percent in the first.

Real personal consumption expenditures increased 4.6 percent in the second quarter, compared with an increase of 6.7 percent in the first. Real nonresidential fixed investment increased 11.2 percent, compared with an increase of 8.5 percent. Nonresidential structures decreased 1.2 percent, in contrast to an increase of 5.7 percent. Producers' durable equipment increased 15.9 percent, compared with an increase of 9.5 percent. Real residential fixed investment increased 7.7 percent, compared with an increase of 15.4 percent.

<u>Real exports of goods and services</u> increased 4.3 percent in the second quarter, in contrast to a decrease of 5.1 percent in the first. <u>Real imports of goods and services</u> increased 14.4 percent, compared with an increase of 13.5 percent.

<u>Real federal government consumption expenditures and gross investment</u> decreased 3.5 percent in the second quarter, compared with a decrease of 1.9 percent in the first. National defense decreased 3.4 percent, compared with a decrease of 6.6 percent. Nondefense decreased 3.5 percent, in contrast to an increase of 7.4 percent. <u>Real state and local government consumption expenditures and gross investment</u> decreased 0.7 percent, in contrast to an increase of 7.7 percent.

The <u>real change in business inventories</u> subtracted 1.19 percentage points from the second-quarter change in real GDP, after subtracting 0.27 percentage point from the first-quarter change. Businesses increased inventories \$12.1 billion in the second quarter, following increases of \$38.7 billion in the first quarter and \$44.2 billion in the fourth.

<u>Real final sales of domestic product</u> -- GDP less change in business inventories -- increased 3.0 percent in the second quarter, compared with an increase of 4.6 percent in the first.

Gross domestic purchases

Real gross domestic purchases -- purchases by U.S. residents of goods and services wherever produced -- increased 3.1 percent in the second quarter, compared with an increase of 6.6 percent in the first.

Gross national product

Real gross national product -- the goods and services produced by the labor and property supplied by U.S. residents -- increased 1.5 percent in the second quarter, compared with an increase of 4.4 percent in the first. GNP includes, and GDP excludes, net receipts of factor income from the rest of the world.

Current-dollar GDP

Current-dollar GDP -- the market value of the nation's output of goods and services -- increased 3.4 percent, or \$73.2 billion, in the second quarter. In the first quarter, current-dollar GDP increased 6.0 percent, or \$127.5 billion.

Revisions

The preliminary estimate of the second-quarter increase in real GDP is 0.5 percentage point, or \$9.3 billion, lower than the advance estimate issued last month. The downward revision to the percentage change in real GDP primarily reflected an upward revision to imports (\$13.9 billion) and a downward revision to nonfarm change in business inventories (\$6.4 billion) that more than offset an upward revision to personal consumption expenditures for durable goods (\$7.4 billion).

	<u>Advance</u>	<u>Preliminary</u>
	(Percent change fro	m preceding quarter)
Real GDP	2.3	1.8
Current-dollar GDP	3.9	3.4
Gross domestic purchases price index	2.1	2.1

Corporate Profits

Profits from current production (profits before tax with inventory valuation and capital consumption adjustments) decreased \$9.2 billion in the second quarter, according to preliminary estimates. In the first quarter, profits increased \$47.1 billion. Current-production cash flow (net cash flow with inventory valuation and capital consumption adjustments) -- the internal funds available to corporations for investment -- decreased \$13.3 billion in the second quarter, in contrast to an increase of \$34.7 billion in the first.

Domestic profits of financial corporations decreased \$3.0 billion in the second quarter, in contrast to an increase of \$13.4 billion in the first.

Domestic profits of nonfinancial corporations decreased \$3.8 billion in the second quarter, in contrast to an increase of \$29.0 billion in the first. In the second quarter, real gross corporate product increased, and profits per unit of real product decreased. The decrease in unit profits reflected a smaller increase in the prices corporations received than in the unit costs they incurred; both unit labor and nonlabor costs increased.

The foreign component of profits decreased \$2.2 billion in the second quarter, in contrast to an increase of \$4.6 billion in the first. Profits from the rest of the world is calculated as (1) receipts by U.S. residents of earnings from their foreign affiliates plus dividends received by U.S. residents from unaffiliated foreign corporations minus (2) payments by U.S. affiliates of earnings to their foreign parents plus dividends paid by U.S. corporations to unaffiliated foreign residents. The second-quarter decrease was accounted for by a larger increase in payments than in receipts.

- 4 -

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. According to this measure, domestic profits of both financial and nonfinancial corporations decreased. Profit decreases were widespread among major industry groups; the largest decreases occurred in the transportation and public utilities group and in nondurable goods manufacturing. Profits increased in durable goods manufacturing.

Profits before tax increased \$15.6 billion in the second quarter, compared with an increase of \$44.5 billion in the first. 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 and inventory withdrawals reported on an historical-cost basis to the replacement-cost measures used in the national income and product accounts. The capital consumption adjustment increased \$4.0 billion in the second quarter (from \$104.6 billion to \$108.6 billion), compared with an increase of \$4.4 billion in the first. The inventory valuation adjustment decreased \$28.7 billion (from \$11.6 billion to -\$17.1 billion), compared with a decrease of \$1.8 billion; the second-quarter decrease was largely due to a sharp increase in energy prices.

Profits tax liability increased \$6.8 billion in the second quarter, compared with an increase of \$15.1 billion in the first. Profits after tax increased \$8.8 billion, compared with an increase of \$29.4 billion. Dividends increased \$4.1 billion, compared with an increase of \$3.3 billion; undistributed profits increased \$4.6 billion, compared with an increase of \$26.2 billion.

BEA's major national, international, regional, and industry estimates; the <u>Survey of Current Business</u>; and BEA news releases are available on BEA's web site:

http://www.bea.doc.gov

STAT-USA maintains an electronic bulletin board (EBB) and an Internet site, which contain BEA estimates, BEA news releases, and the <u>Survey of Current Business</u>. The information available through STAT-USA is often more detailed and more timely than that available from other sources. To subscribe to STAT-USA's World Wide Web system, go to: http://www.stat-usa.gov. Subscriptions for single-user unlimited access to STAT-USA's Internet information are \$50.00 for 3 months or \$150.00 for 1 year. For further information, call (202) 482-1986.

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
	606-5303	Personal income and outlays
	606-5362	Summary of international transactions

Most of BEA's estimates and analyses appear in the <u>Survey of Current Business</u>, BEA's monthly journal. The printed <u>Survey of Current Business</u> is available from the Superintendent of Documents, U.S. Government Printing Office, Washington D.C. 20402. First class mail: Annual subscription \$88.00 domestic. Second class mail: Annual subscription \$39.00 domestic, \$48.75 foreign; single issue \$14.00 domestic, \$17.50 foreign.

* * *

Next release -- September 30, 1999, at 8:30 A.M. EDT for: Gross Domestic Product: Second Quarter 1999 (Final) Corporate Profits: Second Quarter 1999 (Revised) Table 1.--Real Gross Domestic Product and Related Measures: Percent Change From Preceding Period [Percent; quarters seasonally adjusted at annual rates]

				- CI CCIIC	, dans	crb bcu	Donarry	aajabe	eu at a		acco,								
	1996	1997	1998	III 95	IV 95	I 96	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99r
Gross domestic product (GDP).	3.4	3.9	3.9	3.3	2.8	3.3	6.1	2.1	4.2	4.2	4.0	4.2	3.0	5.5	1.8	3.7	6.0	4.3	1.8
Personal consumption expenditures Durable goods. Nondurable goods. Services.	3.2 6.3 2.4 3.0	3.4 6.8 2.4 3.2	4.9 10.2 3.9 4.3	2.6 8.3 .7 2.4	2.3 4.8 2.0 1.9	3.7 5.8 2.2 4.0	4.7 12.7 4.8 3.0	1.8 -1.9 1.2 3.0	2.9 7.2 2.9 2.0	4.3 12.3 3.6 3.1	1.6 -1.5 2 3.2	6.2 16.8 5.1 4.7	2.8 3.1 4 4.3	6.1 15.8 7.4 3.5	6.1 11.2 5.3 5.4	4.1 2.4 2.1 5.4	5.0 24.5 4.2 1.7	6.7 12.9 9.5 4.1	4.6 9.5 2.9 4.3
Gross private domestic investment. Flixed investment. Nonresidential Structures. Producers' durable equipment. Residential. Change in business inventories (CBI).	8.8 8.8 9.3 5.0 10.9 7.4	11.3 8.3 10.7 7.1 12.1 2.5	10.3 11.4 11.8 1 16.5 10.4	.6 3.4 .9 4 1.4 10.1	9.3 7.3 6.1 -3.8 10.1 10.6	9.8 12.0 13.1 6.4 15.7 9.3	18.0 13.3 11.0 7.4 12.3 19.5	18.0 9.3 14.2 8.9 16.2 -1.7	7 5.1 8.8 24.5 3.2 -3.9	15.3 5.9 7.0 3.9 8.3 3.1	20.3 11.8 14.0 -6.2 22.8 6.1	1.5 12.0 17.0 12.4 18.8 4	8.9 3.6 1.8 .9 2.2 8.2	28.3 20.4 22.2 -4.9 34.3 15.6	-4.5 13.4 12.8 -2.3 18.8 15.0	7.9 2.2 7 .2 -1.0 9.9	9.0 13.2 14.6 6.0 17.8 10.0	8.5 10.5 8.5 5.7 9.5 15.4	2.1 10.1 11.2 -1.2 15.9 7.7
Net exports of goods and services Exports Goods Services Imports Goods Services	8.5 9.7 5.6 9.2 10.0 5.4	12.8 15.4 6.6 13.9 14.7 9.9	1.5 2.2 2 10.6 11.5 5.8	17.8 16.1 21.7 2.0 1.8 3.1	10.2 11.8 6.4 3.5 3.1 5.5	3.7 6.9 -4.0 13.1 13.8 9.2	5.8 4.0 10.3 13.5 15.4 4.3	2.1 7.6 -9.9 13.6 14.3 9.9	32.0 28.9 39.8 7.0 8.7 -1.1	8.3 15.2 -6.7 18.6 18.8 17.8	15.5 17.1 11.8 17.9 19.4 10.6	10.6 12.5 5.9 13.5 13.1 15.8	4.4 7.9 -4.0 6.3 6.4 5.8	-2.8 -3.4 -1.2 15.7 17.0 9.3	-7.7 -11.3 1.7 9.3 11.4 6	-2.8 .6 -10.4 2.3 2.9 6	19.7 24.6 8.3 12.0 14.1 2.0	-5.1 -8.7 4.3 13.5 13.8 11.8	4.3 4.8 3.1 14.4 16.9
Government consumption expenditures and gross investment. Federal. National defense. Nondefense. State and local.	1.1 -1.1 -1.3 5 2.4	1.3 -1.6 -3.2 1.7 3.1	.9 -1.0 -2.7 2.4 2.0	8 -2.6 -5.4 3.3	-4.1 -14.7 -12.5 -19.2 2.8	3.2 8.0 7.2 9.9	7.1 8.1 8.1 8.1 6.5	-1.6 -4.7 -6.3 -1.3	.0 -6.3 -8.3 -2.0 3.8	2.1 -2.7 -9.9 13.3 4.9	2.1 3.6 9.1 -6.4 1.3	1.4 -1.2 -1.8 1 2.9	.1 -2.1 -2.0 -2.3 1.3	-1.9 -8.8 -18.5 13.1 2.1	3.7 7.3 9.9 2.6 1.8	1.5 -1.4 4.3 -11.5 3.1	3.3 7.3 1.3 19.8 1.3	4.2 -1.9 -6.6 7.4 7.7	-1.7 -3.5 -3.4 -3.5 7
Addenda: Final sales of domestic product (GDP less CBI) Gross domestic purchases Final sales to domestic purchasers	3.4 3.6 3.6	3.5 4.2 3.7	4.0 5.0 5.1	3.7 1.7 2.1	2.5 2.0 1.8	3.6 4.5 4.7	5.4 7.0 6.3	.9 3.4 2.2	5.1 1.8 2.7	2.9 5.5 4.1	2.7 4.4 3.1	5.8 4.6 6.2	2.1 3.2 2.4	4.3 7.8 6.6	4.6 3.9 6.7	2.8 4.2 3.3	6.6 5.4 6.0	4.6 6.6 6.8	3.0 3.1 4.3
Gross national product (GNP) Disposable personal income	3.4	3.7 2.8	3.7 3.2	2.6 2.7	3.5 3.9	3.3 2.9	5.7 2.1	1.6 4.4	4.5 1.3	3.6	4.1 2.9	3.8 2.4	2.4	5.8 4.0	1.7	3.3	6.3 4.3	4.4 3.5	1.5 2.4
Current-dollar measures: GDP Final sales of domestic product	5.4	5.9	4.9	5.3	4.9	5.7	7.3	3.9	6.1	7.2	5.6	5.4	4.2	6.4	2.7	4.7	6.9	6.0	3.4
(GDP less CBI)	5.4 5.4	5.4 5.8	5.1 5.6	5.8 3.3	4.6 3.9	6.0 6.6	6.7 8.3	2.8 5.1	7.0 4.1	5.8 7.8	4.4 5.2	7.0 5.8	3.3 4.3	5.3 7.6	5.5 4.4	3.8 4.9	7.5 6.3	6.3 7.8	4.7 5.3
purchasers	5.4 5.3 4.9	5.4 5.6 4.7	5.7 4.8 4.0	3.8 4.5 4.7	3.7 5.5 5.6	7.0 5.6 5.2	7.6 7.0 4.6	3.9 3.5 6.0	5.0 6.4 3.8	6.5 6.5 5.9	4.0 5.6 4.0	7.3 5.0 3.8	3.5 3.6 4.0	6.5 6.7 4.0	7.2 2.5 3.5	4.1 4.3 4.3	6.9 7.2 5.4	8.2 6.1 4.8	6.6 3.1 4.9

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

See "Explanatory Note" at the end of	the tab	les.																	
		Tab	le 2	Contrib	utions	to Perc	ent Cha	nge in	Real Gr	oss Don	nestic P	roduct							
	1996	1997		III 95											II 98			I 99	II 99r
Percent change at annual rate:																			
Gross domestic product	3.4	3.9	3.9	3.3	2.8	3.3	6.1	2.1	4.2	4.2	4.0	4.2	3.0	5.5	1.8	3.7	6.0	4.3	1.8
Percentage points at annual rates:																			
Personal consumption expenditures. Durable goods Nondurable goods. Services.	2.17 .52 .48 1.18	2.31 .56 .49 1.26	3.32 .82 .77 1.73	1.77 .66 .15 .95	1.57 .39 .41 .77	2.50 .48 .45 1.57	3.21 1.03 .96 1.20	1.26 16 .24 1.18	1.97 .58 .57 .81	2.91 .98 .71 1.20	1.08 13 04 1.26	4.19 1.30 1.00 1.85	1.88 .26 08 1.70	4.09 1.23 1.41 1.40	4.09 .91 1.01 2.14	2.78 .20 .42 2.15	3.48 1.90 .84 .74	4.56 1.09 1.77 1.70	3.09 .80 .58 1.72
Gross private domestic investment. Fixed investment. Nonresidential. Structures. Producers' durable equipment Residential. Change in business inventories.	1.26 1.21 .92 .14 .78 .29	1.65 1.18 1.08 .20 .88 .10 .47	1.51 1.58 1.15 .00 1.15 .43 06	.09 .47 .10 01 .11 .37 39	1.26 1.00 .61 11 .71 .40	1.33 1.65 1.29 .17 1.12 .36	2.45 1.83 1.09 .20 .89 .73	2.48 1.29 1.37 .24 1.12 07 1.17	12 .72 .88 .64 .24 16 83	2.17 .83 .71 .11 .59 .12	2.92 1.63 1.39 19 1.58 .24 1.27	.23 1.66 1.67 .35 1.32 02 -1.41	1.34 .48 .16 .03 .13 .32	4.07 2.82 2.21 15 2.36 .60 1.22	75 1.95 1.35 07 1.42 .60 -2.66	1.22 .33 08 .01 09 .41 .89	1.42 1.95 1.52 .17 1.35 .43 53	1.31 1.58 .91 .15 .76 .66	.34 1.53 1.18 03 1.22 .35 -1.19
Net exports of goods and services. Exports. Goods. Services Imports. Goods. Services.	19 .95 .76 .18 -1.13 -1.02 11	27 1.43 1.21 .22 -1.71 -1.51 20	-1.13 .19 .19 01 -1.32 -1.20 12	1.60 1.81 1.16 .64 20 14	.70 1.10 .89 .21 40 29	-1.10 .43 .57 14 -1.54 -1.36 18	94 .65 .33 .33 -1.60 -1.52 09	-1.33 .23 .57 34 -1.58 -1.38	2.35 3.22 2.06 1.14 85 88	-1.24 .95 1.19 24 -2.21 -1.87 34	45 1.76 1.37 .38 -2.21 -1.99 21	47 1.22 1.02 .20 -1.69 -1.38 31	30 .53 .67 14 83 71	-2.24 33 29 04 -1.94 -1.75 19	-2.08 92 98 .06 -1.18 -1.19	62 32 .04 36 30 32	.52 2.02 1.76 .26 -1.50 -1.46 04	-2.23 58 68 .10 -1.65 -1.42 23	-1.34 .46 .37 .10 -1.81 -1.77 04
Government consumption expenditures and gross investment Federal. National defense. Nondefense. State and local.	.20 08 06 01 .28	.24 11 15 .04 .35	.18 06 10 .04 .24	15 19 27 .08	78 -1.10 63 48	.59 .53 .32 .20	1.28 .54 .37 .17 .74	30 33 30 03 .04	.00 44 39 05	.37 18 46 .27	.38 .23 .38 15	.25 08 08 00	.02 14 09 05	34 57 84 .26	.64 .44 .38 .06	.27 09 .17 26	.60 .44 .06 .38	.70 08 23 .14	29 21 14 08 08

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

see Explanatory Note at the end of															
Table	3Gro					Measures	: Level a	nd Chan							
		Billi	ons of c	urrent d	ollars				Billio	ns of ch	ained (1	992) dolla	ırs		
	1998	II 98	III 98	IV 98	I 99	II 991	r 1998	II 98	III 98	IV 98	I 99	II 99r	1998	I 99	II 99r
Gross domestic product (GDP)	8,511.0	8,440.6	8,537.9	8,681.2	8,808.7	8,881.9	7,551.9	7,498.6	7,566.5	7,677.7	7,759.6	7,794.3	282.1	81.9	34.7
Personal consumption expenditures	5,807.9	5,773.7	5,846.7	5,934.8	6,050.6	6,155.9	5,153.3	5,130.2	5,181.8	5,246.0	5,331.9	5,391.8	239.8	85.9	59.9
Durable goods Motor vehicles and parts Furniture and household	724.7 290.5		718.9 282.6	754.5 313.6	771.2 311.0	784.6 317.4	737.1 259.6	729.4 258.9		775.0 279.3	798.9 278.9	817.2 284.4	68.5 20.3	23.9	18.3 5.5
equipmentOther					309.6 150.6	313.0 154.3	347.3 138.5	339.3 138.6		362.1 141.0	381.6 148.7	391.8 151.9	39.6 10.8	19.5 7.7	10.2 3.2
Nondurable goods. Food. Clothing and shoes. Gasoline and oil. Fuel oil and coal Other.	815.3 293.8 112.1 9.6	810.2 295.3 111.6 9.8	818.7 293.7 111.7 9.8	835.6 295.1 109.0 9.0	1,736.0 844.1 308.1 107.6 10.0 466.2	1,771.1 850.0 314.0 122.9 10.8 473.5	1,544.1 718.0 310.3 119.9 9.6 390.3	1,540.9 716.3 311.4 118.4 9.7 389.2	718.9 309.8 121.1 9.9	730.1 312.5 121.5		1,612.6 737.1 336.3 121.7 11.2 412.3	57.8 18.7 21.9 2.0 7 17.3	35.8 4.2 20.6 1 1.2 12.1	11.7 2.8 3.2 .3 .5 5.0
Services. Housing. Household operation. Electricity and gas. Other household operation. Transportation. Medical care. Other.	877.9 338.6 122.1 216.5 252.7 888.2	871.9 339.2 124.1 215.1 253.2 884.2	883.8 348.4 129.8 218.5 253.4 893.0	896.7 339.0 117.6 221.5 254.8 904.0	908.1 346.6 121.8 224.9 257.8 915.3	919.9 353.6 125.2 228.4 261.7 926.2	2,879.5 735.0 316.8 116.2 200.5 220.4 723.2 886.0	2,866.8 732.7 316.5 117.4 198.9 221.4 721.6 876.7	737.1 326.3 123.8 202.4 220.5 725.3	741.5 318.2 112.9 205.0 221.8 730.8	746.8 325.6 116.9	2,978.2 751.0 333.3 120.2 212.8 225.2 739.9 931.4	118.0 17.6 15.5 .2 15.4 8.2 21.5 55.5	29.6 5.3 7.4 4.0 3.4 1.8 3.7	31.4 4.2 7.7 3.3 4.4 1.6 5.4 13.0
Gross private domestic investment	1,367.1	1,345.0	1,364.4	1,392.4	1,417.4	1,423.2	1,330.1	1,306.5	1,331.6	1,360.6	1,388.5	1,395.7	123.7	27.9	7.2
Fixed investment	938.2	941.9	931.6	957.9	1,377.9 972.6 255.0	1,410.9 995.1 256.0	1,267.8 960.7 203.0	1,264.1 960.4 201.9	958.7	991.9	1,012.2		129.8 101.3 2	33.0 20.3 2.8	32.9 27.2 6
including farmUtilities	184.1 34.7		183.7 35.0	190.1 35.1	195.9 35.5	193.6 36.2	150.9 29.5	149.8 29.5		153.8 29.7	157.8 30.2	154.9 30.8	.4	4.0	-2.9 .6
and wells	21.3 6.8 691.3	6.5	6.8	18.7 7.1 706.9	16.6 7.0 717.6	17.6 8.5 739.1	16.7 5.7 770.2	17.0 5.5 771.3	5.8	6.0	13.7 5.9 819.8	14.4 7.1 850.6	-1.2 1 109.3	-1.6 1 18.3	.7 1.2 30.8

related equipment Computers and peripheral	233.3	231.6	235.2	239.9	247.4	262.7	388.1	376.8	399.6	422.5	448.2	486.3	90.1	25.7	38.1
equipment		94.8	95.6 139.5	98.0 142.0	100.3 147.1	105.3 157.4		331.5 139.7		413.0 145.6	452.9 151.0		137.0 14.6	39.9	47.3
Industrial equipment Transportation and related		146.8		148.3		147.7		132.5					6.8	-2.3	1.7
equipment	175.1	181.2		182.8	181.0	187.0 141.7	162.0 123.3		151.7 125.8	168.7		171.6	21.7	-2.5 6.4	5.4
Other	133.9	13/.0	130.0	133.9	143.2	141./		124.0							-1.0

See note at the end of the table.

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

		Billic	ns of cu	rrent do	llars				Billion	ns of cha	ined (1	992) dolla	ars		
-			Seasona	lly adju nual rat	sted es				Seasonal at an	lly adjus nual rate	ted			from properiod	eceding
	1998	II 98	III 98	IV 98	I 99	II 99:		II 98	III 98	IV 98	I 99	II 99r	1998	I 99	II 99r
Residential. Structures. Single family. Multifamily Other. Producers' durable equipment	369.6 361.1 187.3 24.4 149.4 8.5	363.8 355.4 183.8 23.5 148.1 8.5	375.8 367.3 190.9 23.9 152.6 8.5	388.9 380.3 198.7 25.3 156.3 8.6	405.3 396.4 209.0 27.6 159.8 8.9	415.8 406.8 211.3 27.8 167.6 9.1	312.0 303.9 153.0 21.3 130.2 8.2	309.1 300.9 151.3 20.7 129.6 8.2	316.5 308.3 155.6 20.8 132.6 8.2	324.1 315.7 159.7 21.7 135.0 8.3	335.9 327.3 167.0 23.6 137.3 8.6	342.2 333.3 167.7 23.6 142.8 8.9	29.2 28.8 15.8 1.1 11.7	11.8 11.6 7.3 1.9 2.3	6.3 6.0 .7 .0 5.5
Change in business inventories (CBI) Farm. Nonfarm. Manufacturing. Wholesale trade. Retail trade. Other	59.3 6.7 52.7 20.9 20.1 3.0 8.7	39.2 7.7 31.5 25.1 7.9 -12.7 11.2	57.0 7.7 49.3 20.1 30.5 -5.5 4.3	45.7 6.3 39.3 6.5 14.1 11.7 7.0	39.5 3.1 36.4 -3.3 9.7 17.1 12.9	12.4 2.5 9.9 -4.4 10.1 -4.4 8.6	57.4 7.6 50.1 19.9 19.5 2.8 8.1	38.2 8.7 29.9 23.9 7.6 -11.9 10.4	55.7 9.1 47.0 19.2 29.6 -5.3 4.0	44.2 7.2 37.5 6.2 13.7 10.9 6.6	38.7 3.6 35.1 -3.3 9.4 16.1 12.3	12.1 2.9 9.4 -4.3 9.6 -4.1 8.1	-5.8 3.3 -8.7 2 -2.5 -4.0 -1.8	-5.5 -3.6 -2.4 -9.5 -4.3 5.2 5.7	-26.6 7 -25.7 -1.0 .2 -20.2 -4.2
Net exports of goods and services	-151.2	-159.3	-165.5	-156.2	-196.9	-240.0	-238.2	-245.2	-259.0	-250.0	-303.6	-337.4	-102.1	-53.6	-33.8
Exports	959.0 680.8 46.1	949.6 668.8 44.9	936.2 663.3 42.4	976.8 696.6 47.5	962.7 677.7 43.2	972.6 683.1 45.4	984.7 742.6 43.1	972.1 726.3 41.7	965.3 727.3 39.9	1,009.6 768.4 45.4	996.5 751.2 41.7	1,007.1 760.1 44.2	14.7 16.1 8	-13.1 -17.2 -3.7	10.6 8.9 2.5
materials Capital goods, except automotive Automotive vehicles, engines,	142.5 301.2	144.2 288.4	138.1 299.2	139.3 315.0	133.2 307.5	137.0 305.0	130.6 408.4	130.7 389.7	127.9 407.6	131.1 430.6	126.6 421.5	129.7 421.5	-1.8 19.8	-4.5 -9.1	3.1
and parts	72.3	72.2	65.3	73.9	70.7	74.3	68.7	68.7	62.1	70.0	66.8	70.2	-1.7	-3.2	3.4
automotive	79.6 39.1 278.2	80.1 39.1 280.8	80.3 37.9 272.9	79.7 41.1 280.2	80.1 43.1 285.0	79.7 41.7 289.6	75.8 39.7 246.4	76.3 39.5 248.8	76.6 38.7 242.1	76.1 42.3 247.0	76.6 44.9 249.6	76.2 43.9 251.5	2.1 2.5 6	.5 2.6 2.6	4 -1.0 1.9
Imports Goods Foods, feeds, and beverages Industrial supplies and materials, except petroleum	1,110.2 932.4 41.3	1,108.9 931.8 41.8	1,101.7 924.7 40.5	1,133.0 952.2 41.1						1,259.6 1,091.7 38.2			116.8 108.7 2.6	40.5 35.9 .8	44.4 44.7 2.1
and products Petroleum and products Capital goods, except	142.7 51.2	144.4 53.9	144.8 49.2	140.2 46.6	140.1 43.2	144.0 65.3	137.0 71.8	137.3 74.5	140.3 73.4	137.6 70.8	137.9 72.0	141.1 77.2	13.3 5.1	1.2	3.2 5.2
automotive Automotive vehicles, engines, and parts	270.4 150.3	270.5 146.0	267.0 143.5	275.1 163.7	280.0 174.1	292.6 177.5	426.7 138.0	424.7 133.9	426.2 132.2	442.3 150.3	455.8 159.2	491.0 162.0	53.4 8.6	13.5	35.2 2.8
Consumer goods, except automotive Other Services.	215.6 61.0 177.8	217.5 57.7 177.1	217.2 62.6 177.0	218.3 67.1 180.8	226.5 70.0 184.5	229.7 70.7 189.5	213.7 57.3	215.5 53.9	216.1 58.8 170.8	216.8 62.9 171.6	225.0 65.6 176.5	229.5 66.5	24.9 7.4 9.4	8.2 2.7 4.9	4.5 .9 .8

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

Billions of current dollars Billions of chained (1992) d Billions of chained (1992) dollars

		II 98	III 98	IV 98	I 99	II 991	1998	II 98	III 98	IV 98	I 99	II 99r	1998	I 99	II 99r
Government consumption expenditures and gross investment													11.9	13.6	-5.5
Federal. National defense. Consumption expenditures. Gross Investment. Nondefense. Consumption expenditures Gross Investment.	340.4 301.5 38.9 180.2 159.6	520.7 339.8 303.0 36.8 180.9 160.9 20.0	519.4 343.7 302.9 40.9 175.7 155.8 19.9	530.7 346.4 306.7 39.7 184.3 164.0 20.4	536.6 345.5 303.7 41.8 191.1 168.0 23.1	533.0 343.4 300.0 43.3 189.6 169.6 20.0	453.3 300.4 264.1 36.3 152.1 131.5 20.7	454.1 300.3 266.1 34.1 152.9 132.9	303.5 265.1 38.5 148.4 128.4	460.6 304.6 267.3 37.2 155.2 134.6 20.5	299.4 261.1 38.5 158.0 135.1	454.4 296.8 257.0 40.0 156.6 136.1 20.3	-4.7 -8.5 -8.3 2 3.5 2.8	-2.2 -5.2 -6.2 1.3 2.8 .5	-4.0 -2.6 -4.1 1.5 -1.4 1.0 -3.0
State and local Consumption expenditures Gross investment	789.1	960.4 784.7 175.7	972.9 793.9 179.0	979.5 801.2 178.3	1,000.9 810.2 190.7			840.9 687.3 153.5	691.6	850.0 695.6 154.3	700.8	864.3 704.5 159.7	16.7 17.0 4	15.8 5.2 10.7	-1.5 3.7 -5.3
Residual							-162.5	-138.5	-175.7	-210.7	-237.9	-258.3	-87.0	-27.2	-20.4
Addenda: Final sales of domestic product (GDP less CBI) Gross domestic purchases Final sales to domestic purchasers.	8,662.2	8,599.9	8,703.4	8,837.4	9,005.6	9,121.9	7,765.9	7,718.6	7,798.8	7,901.3	8,027.8	8,089.2	287.6 369.4 375.0	86.5 126.5 131.1	57.8 61.4 84.7
Gross domestic product	8,511.0	8,440.6	8,537.9	8,681.2	8,808.7	8,881.9	7,551.9	7,498.6	7,566.5	7,677.7	7,759.6	7,794.3	282.1	81.9	34.7
Plus: Receipts of factor income from the rest of the world Less: Payments of factor income to the rest of the world		270.6 289.3		270.7 291.9									1.5	2.4	.6 6.2
Equals: Gross national product														83.0	28.9

Table 4.--Chain-Type Price Indexes for Gross Domestic Product and Related Measures: Percent Change From Preceding Period [Percent; quarters seasonally adjusted at annual rates]

				rercenc	/ quare	CIS SCG	Sonarry	aajast	ca ac a	IIIIGGI I	accs								
	1996	1997	1998	III 95	IV 95	I 96	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99r
Gross domestic product (GDP).	1.9	1.9	1.0	1.9	2.0	2.2	1.4	1.8	1.6	2.8	1.7	1.2	1.1	.9	.9	1.0	.8	1.6	1.5
Personal consumption expenditures Durable goods. Nondurable goods. Services.	2.0 9 2.0 2.7	1.9 -2.0 1.5 2.9	.8 -2.3 .0 1.9	1.8 -1.3 .8 2.9	1.6 -1.1 .9 2.5	2.2 .6 3.0 2.1	2.5 -2.1 3.6 3.0	1.5 -1.5 .3 2.7	2.5 -1.8 3.6 2.9	2.5 9 2.0 3.5	1.1 -3.4 2 2.8	1.3 -2.8 .8 2.5	1.1 -2.4 .9 1.9	.0 -1.4 -2.2 1.4	.9 -2.2 .2 1.9	1.0 -3.0 1.5 1.7	1.1 -2.5 .9 1.9	1.2 -3.3 1.4 2.2	2.5 -2.1 5.3 2.1
Gross private domestic investment Fixed investment Nonresidential. Structures. Producers' durable equipment Residential. Change in business inventories (CBI)	9 2.6 -2.2 1.9	-1.3 3.4 -3.0 2.6	-2.4 2.8 -4.3 2.1	1 7 2.8 -2.0 1.5	2 .0 8 2.4 -2.0 2.0	-1.0 8 -1.5 2.1 -2.9 1.1	8 6 -1.5 2.2 -2.9 1.6	.7 .8 5 4.1 -2.2 4.3	5 2 -1.1 3.1 -2.6 1.9	-1.7 3.3 -3.6 2.3	5 5 -1.5 3.3 -3.2 1.9	.2 .4 -1.0 4.3 -2.9 4.0	-1.6 3.3 -3.3 2.4	-2.3 -2.1 -3.0 2.7 -5.0	-1.8 -1.8 -3.1 3.1 -5.2 1.7	1.2 -5.3 3.7	6 6 -2.5 1.8 -4.0 4.2	8 -2.0 .9 -3.0 2.2	5 2 -1.5 2.7 -2.9 2.9
Net exports of goods and services Exports Goods. Services. Imports. Goods	-3.5 2.7	-2.0 -3.5 1.8 -3.7 -4.2	-2.2 -3.3 .6 -5.3 -6.0	-1.8 -3.1 1.5 -3.9 -4.9	-2.3 -3.9 1.8 -3.9 -4.2	-1.2 -3.4 4.6 -1.8 -2.4	-1.7 -2.6 .6 -1.5 -2.1	-3.2 -5.6 3.1 -5.2 -6.4	-4.2 -7.2 3.5 3 8	-1.0 -1.7 .9 -4.4 -4.6	-1.0 -2.5 2.7 -7.1 -8.5	-1.6 -1.8 -1.0 -2.1 -1.9	-1.6 -2.7 1.5 -2.3 -2.2	-3.4 -4.7 .0 -10.4 -11.3	-1.8 -3.0 1.1 -4.5 -5.9	-2.8 -3.8 4 -4.8 -5.8	9 -2.4 2.6 2 -1.4	6 -1.9 2.6 -3.3 -3.4	1 -1.5 3.4 4.6 3.7

r revised
Note.—'Deers are cautioned that particularly for components
for which relative prices are changing rapidly, the use of
chained-dollar estimates to calculate component shares or component
contributions to real growth may be misleading even just a few years
from the base year. For accurate estimates of the contributions to
percent changes in real GDP, use table 2.

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

Services	1.6	6	-1.4	2.0	-2.5	1.5	1.4	1.9	2.0	-3.0	.3	-3.2	-2.6	-5.8	2.7	. 4	6.7	-3.1	9.3
Government consumption expenditures and gross investment	2.5 2.9 3.3 2.2 2.2	2.2 2.0 1.8 2.4 2.2	1.3 1.1 1.1 1.0 1.4	2.2 2.5 2.7 2.1 1.9	3.9 8.2 4.3 16.5 1.4	4.3 4.2 6.7 7 4.3	-1.2 -2.1 3 -5.9 6	2.4 1.8 1.9 1.6 2.7	2.7 2.7 2.7 2.6 2.8	3.8 4.8 4.0 6.4 3.3	1.2 .9 .5 1.7	.8 2 4 .4	2.2 1.4 1.2 1.8 2.7	1.1 2.7 2.9 2.2	.8 .0 .3 6	1.5 .4 .4 .5 2.1	1.5 1.5 1.8 1.1	3.1 6.6 6.0 7.6 1.3	3.1 .8 1.0 .4 4.3
Addenda: Final sales of domestic product (GDP less CBI)	1.9	1.9 1.6	1.1	1.9	2.0	2.3	1.4 1.4	1.9	1.7	2.8	1.8	1.2	1.2	.9	.9	1.0	.8	1.6	1.6
purchasersGross national product (GNP)	1.8	1.6 1.8	.6 1.0	1.6 1.9	1.8	2.2	$\frac{1.4}{1.4}$	1.5	2.1 1.6	2.3	.9 1.7	1.1	1.0	1 .9	.5	.7 1.0	.9 .8	1.2	2.2 1.5
Implicit price deflators: GDP Gross domestic purchases GNP	1.9 1.8 1.9	1.9 1.6 1.8	1.0 .6 1.0	1.9 1.6 1.9	2.0 1.8 2.0	2.3 2.1 2.3	1.2 1.2 1.2	1.8 1.6 1.8	1.8 2.2 1.8	2.8 2.2 2.8	1.6 .8 1.5	1.2 1.1 1.2	1.2 1.1 1.2	.8 2 .8	.9 .5 .9	1.0 .7 1.0	.8	1.6 1.2 1.6	1.5 2.1 1.5

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

Table 5.--Quantity and Price Indexes for Gross Domestic Product [Index numbers, 1992=100]

					Seasonally a	adiusted at	annual rat	es
	1996	1997	1998	II 98	III 98	IV 98	I 99	II 99r
Gross domestic product: Chain-type quantity index Chain-type price index Implicit price deflator			120.94 112.71 112.70				124.26	
Personal consumption expenditures: Chain-type quantity index Chain-type price index	112.62 109.75	116.44 111.81	122.12 112.70	121.58 112.55	122.80 112.84	124.32 113.14	126.36 113.48	127.77 114.18
Durable goods: Chain-type quantity index Chain-type price index Nondurable goods:	128.16	136.86	150.87	149.30	150.18	158.64	163.53	167.27
	102.75	100.66	98.33	98.72	97.98	97.35	96.53	96.01
Chain-type quantity index	109.77	112.44	116.81	116.57	117.19	118.41	121.12	121.99
	106.08	107.69	107.66	107.41	107.80	108.06	108.43	109.83
Chain-type quantity index	111.09	114.61	119.51	118.98	120.56	121.07	122.30	123.60
	113.32	116.61	118.80	118.55	119.05	119.61	120.26	120.90
Gross private domestic fixed investment: Chain-type quantity index	134.10	145.25	161.82	161.36	162.23	167.35	171.56	175.76
	104.68	104.45	103.20	103.33	102.91	102.76	102.56	102.51
Nonresidential: Chain-type quantity index Chain-type price index	139.21 101.46	154.04 100.15	172.21 97.71	172.15 98.12	171.84 97.21	177.79 96.61	181.44 96.12	186.32 95.77
Residential: Chain-type quantity index Chain-type price index	122.32	125.36	138.34	137.05	140.31	143.68	148.93	151.72
	113.03	115.96	118.42	117.71	118.77	120.00	120.66	121.52
Exports of goods and services: Chain-type quantity index Chain-type price index Imports of goods and services:	134.50	151.70	154.00	152.03	150.96	157.89	155.85	157.50
	101.60	99.53	97.39	97.68	96.98	96.75	96.61	96.58
Chain-type quantity index	145.19	165.35	182.81	181.97	183.02	188.30	194.35	200.99
	99.36	95.72	90.69	90.98	89.87	89.84	89.09	90.09
Government consumption expenditures and gross investment:								
Chain-type quantity index	100.35	101.68	102.63	102.45	102.84	103.69	104.76	104.33
	110.80	113.20	114.66	114.39	114.82	115.25	116.13	117.01
Federal: Chain-type quantity index Chain-type price index State and local:	88.19	86.75	85.86	86.00	85.71	87.24	86.81	86.05
	111.35	113.58	114.83	114.66	114.77	115.21	117.05	117.28
State and local. Chain-type quantity index Chain-type price index	109.09	112.42	114.68	114.28	115.16	115.52	117.67	117.47
	110.48	112.96	114.55	114.23	114.83	115.25	115.61	116.84
Addenda:								
Final sales of domestic product: Chain-type quantity index Chain-type price index. Implicit price deflator	111.61	115.49	120.10	119.54	120.36	122.31	123.70	124.62
	109.59	111.66	112.84	112.69	112.99	113.22	113.68	114.13
	109.59	111.66	112.82	112.67	112.97	113.20	113.66	114.10
Gross domestic purchases: Chain-type quantity index Chain-type price index Implicit price deflator	109.18 109.18	117.89 110.92 110.92	123.78 111.54 111.54	123.03 111.42 111.42	124.30 111.60 111.60	125.94 111.84 111.85	127.95 112.18 112.18	128.93 112.76 112.77
Final sales to domestic purchasers: Chain-type quantity index Chain-type price index Implicit price deflator	112.78	116.97	122.95	122.49	123.50	125.30	127.39	128.74
	109.24	111.00	111.66	111.53	111.72	111.97	112.31	112.91
	109.23	111.00	111.65	111.52	111.71	111.96	112.30	112.91
Gross national product: Chain-type quantity index Chain-type price index Implicit price deflator	112.04	116.16	120.50	119.67	120.64	122.51	123.83	124.29
	109.51	111.51	112.65	112.51	112.79	113.01	113.46	113.89
	109.50	111.52	112.64	112.50	112.78	113.01	113.45	113.88

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

Table 6.--Real Gross Domestic Product: Historical Perspective

				[Percent	t change	from pre	eceding y		erspectiv							
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Gross domestic product (GDP)	4.0	7.0	3.6	3.1	2.9	3.8	3.4	1.2	9	2.7	2.3	3.5	2.3	3.4	3.9	3.9
Personal consumption expenditures	5.2	5.2	4.7	4.0	3.1	3.9	2.3	1.7	6	2.8	2.9	3.3	2.7	3.2	3.4	4.9
Durable goods	14.7	14.5 3.5	9.7	9.0	1.5	6.3 2.8	2.6	6 1.0	-6.4 -1.0	5.8	7.2	7.1	5.0	6.3	6.8	10.2
Services	4.7	4.1	5.0	3.2	4.2	4.0	2.3	2.6	-1.0	2.9	2.5	2.7	2.5	3.0	3.2	4.3
Gross private domestic investment	9.4	29.8	-1.1	-1.5	1.2	.8	4.3	-5.6	-9.4	7.1	9.3	13.0	2.1	8.8	11.3	10.3
Fixed investment Nonresidential	7.2 -1.7	16.5 17.3	4.8	.7 -3.5	7 -1.1	2.4	1.7	-3.1	-8.0 -6.4	5.7	7.6	8.6	5.5	8.8	8.3 10.7	11.4 11.8
Structures	-10.4	14.3	7.3	-10.8	-3.6	. 5	2.2	1.1	-10.7	-6.8	1.0	1.0	4.8	5.0	7.1	1
Producers' durable equipment	4.6	19.2	5.5	1.0	.3	6.4	5.0	-1.5	-4.1	6.2	10.5	11.0	11.5	10.9	12.1	16.5
Residential Change in business inventories	41.1	14.6	1.4	12.0	. 2	-2.0	-3.7	-9.3	-12.3	16.6	7.6	10.1	-3.8	7.4	2.5	10.4
(CBI)																
Net exports of goods and services																
Exports	-2.6	8.3	2.7	7.4	11.0	15.9	11.7	8.5	6.3	6.6	2.9	8.2	11.3	8.5	12.8	1.5
Goods	-2.9	7.9	3.6	5.1	11.0	18.8	12.5	8.3	7.0	7.0	3.4	9.9	12.5	9.7 5.6	15.4	2.2
ServicesImports	-1.7 12.6	24.3	.3 6.5	8.4	10.9 6.1	8.7	9.4	9.1	7	5.5 7.5	8.9	4.3 12.2	8.2	9.2	6.6 13.9	2 10.6
Goods	13.6	24.2	6.3	10.3	4.6	4.0	4.2	3.0	/	9.6	10.5	13.6	9.6	10.0	14.7	11.5
Services	8.1	24.8	7.4	.4	12.9	3.6	2.6	7.6	-3.2	-1.0	1.9	5.3	4.9	5.4	9.9	5.8
Government consumption expenditures																
and gross investment	2.8	3.1	6.1	5.1	2.7	1.3	2.8	3.0	.6	. 5	9	.0	. 2	1.1	1.3	.9
Federal	5.4	2.4	6.9	4.6	3.1	-1.8	1.3	2.0	5	-2.1	-4.2	-3.8	-3.3	-1.1	-1.6	-1.0
National defense	5.7	4.0	7.5	5.2	4.0	9	-1.0	.0	-1.0	-5.5	-5.7	-4.9	-4.0	-1.3	-3.2	-2.7
NondefenseState and local	4.6	-2.2 3.8	5.1	2.8	2.4	-4.9 3.9	9.2	8.0	1.1	7.2	7 1.5	-1.1	-1.8 2.4	5 2.4	1.7	2.4
State and local	. /	3.0	5.3	5.5	2.4	3.9	4.0	3.0	1.4	2.4	1.5	2.0	2.4	2.4	3.1	2.0
Addenda:																
Final sales of domestic product	3.7	5.0	4.6	2 5	2.6	4 -	2.0	1.6	7	2.5	2.1	2.9	2.8	3.4	3.5	4.0
(GDP less CBI)Gross domestic purchases price	3.7	5.0	4.6	3.5	2.6	4.1	3.0	1.6	/	2.5	2.1	2.9	2.8	3.4	3.5	4.0
index	3.8	3.5	3.2	2.6	3.4	3.6	4.2	4.5	3.7	2.8	2.5	2.3	2.3	1.8	1.6	.6
GDP price index	4.2	3.8	3.4	2.6	3.1	3.7	4.2	4.4	3.9	2.8	2.6	2.4	2.3	1.9	1.9	1.0
Real disposable personal income	2.7	7.4	2.9	2.9	1.9	4.1	2.0	1.8	1	2.7	1.3	2.3	2.8	2.8	2.8	3.2

Table 7.--Real Gross Domestic Product: Percent Change From Quarter One Year Ago III 95 IV 95 I 96 II 96 III 96 IV 96 I 97 II 97 III 97 IV 97 Gross domestic product (GDP).... 2.1 2.4 3.9 3.5 3.9 4.1 3.6 3.8 4.2 3.6 4.3 4.0 3.9 2.3 4.1 3.5 Personal consumption expenditures... Durable goods... Nondurable goods Services... 5.3 13.2 4.7 4.0 5.5 12.5 5.2 4.2 2.8 3.1 4.7 1.8 1.2 4.7 9.0 4.3 10.8 Gross private domestic investment...
Fixed investment.
Nonresidential.
Structures.
Producers' durable equipment.
Residential.
Change in business inventories
(CBI). 9.2 8.9 7.6 2.3 9.8 12.3 13.7 10.5 11.0 4.6 13.6 9.2 11.0 9.9 11.7 11.6 11.8 5.4 12.4 8.4 10.2 10.9 9.9 3.9 8.7 8.6 11.6 8.1 13.0 1.2 12.9 8.0 11.0 7.2 12.4 14.3 11.8 13.5 7.9 12.2 13.2 9.6 12.1 11.9 6.8 8.9 8.2 11.7 12.4 10.0 7.2 7.7 4.5 exports of goods and services..... 5.4 7.5 .4 10.8 11.6 7.2 10.5 10.8 9.8 5.6 5.5 6.19 1.0 .5 11.1 11.9 7.4 the exports of goods and services.

Exports.
Goods.
Services.
Imports.
Goods.
Services. 11.5 13.5 6.7 13.1 14.2 7.5 14.0 16.9 7.1 14.2 15.2 9.1 9.6 13.1 10.3 Government consumption expenditures and gross investment. Federal. National defense. Nondefense. State and local. .6 -2.6 -4.1 .4 -2.2 -3.8 2.1 -.8 -1.0 -.2 2.5 -.6 -1.4 Addenda: ddenda:
Final sales of domestic product
(GDP less CBI)...
Gross domestic purchases price
index.
GDP price index.
Real disposable personal income... 2.8 2.7 3.0 3.8 3.1 3.7 3.6 2.9 4.1 3.4 3.7 4.2 4.6 4.7 4.2 1.7 1.9 3.3

r revised

Table 8.--Relation of Gross Domestic Product, Gross National Product, and National Income [Billions of dollars]

					Seasonally	adjusted at	annual rat	es
	1996	1997	1998	II 98	III 98	IV 98	I 99	II 99
ross domestic product	7,661.6	8,110.9	8,511.0	8,440.6	8,537.9	8,681.2	8,808.7	8,881.9
lus: Receipts of factor income from the rest of the worldess: Payments of factor income to	235.5	265.5	269.2	270.6	265.0	270.7	274.3	276.4
the rest of the world	223.1	273.5	289.6	289.3	292.1	291.9	294.6	303.6
quals: Gross national product	7,674.0	8,102.9	8,490.5	8,421.8	8,510.9	8,660.0	8,788.4	8,854.7
ess: Consumption of fixed capitaless: Indirect business tax and	832.0	871.8	908.0	902.3	912.3	923.0	931.9	943.0
nontax liabilityess: Business transfer paymentsess: Statistical discrepancylus: Subsidies less current	606.4 33.8 -32.2	627.2 35.1 -55.8	655.3 36.1 -76.5	647.7 36.0 -85.7	656.5 36.3 -102.0	675.1 36.4 -64.2	673.6 36.4 -93.1	682.0 36.4 -120.5
surplus of government enterprises	22.0	21.9	27.1	23.9	24.6	36.3	25.5	32.6
quals: National income	6,256.0	6,646.5	6,994.7	6,945.5	7,032.3	7,126.0	7,265.2	7,346.6
Compensation of employees	4,409.0 3,640.4 768.6	4,687.2 3,893.6 793.7	4,981.0 4,153.9 827.1	4,945.2 4,121.6 823.5	5,011.6 4,181.1 830.5	5,084.3 4,246.8 837.5	5,166.5 4,317.0 849.6	5,237.0 4,378.1 858.9
adjustments	527.7	551.2	577.2	571.7	576.1	596.9	598.3	610.4
capital consumption adjustment Corporate profits with inventory valuation and capital consumption	150.2	158.2	162.6	161.0	163.6	167.5	167.7	170.4
adjustments Net interest	750.4 418.6	817.9 432.0	824.6 449.3	820.6 447.1	827.0 454.0	821.7 455.6	868.8 463.9	859.6 469.2
ddendum: Gross domestic income	7,693.8	8,166.7	8,587.5	8,526.3	8,639.9	8,745.4	8,901.8	9,002.4

Table 9.--Personal Income and Its Disposition [Billions of dollars]

					Seasonally	adjusted at	annual rat	es
	1996	1997	1998	II 98	III 98	IV 98	I 99	II 991
Personal income\1\	6,425.2	6,784.0	7,126.1	7,081.9	7,160.8	7,257.9	7,349.3	7,442.3
Wage and salary disbursementsOther labor incomeProprietors' income with inventory valuation and capital	3,631.1 387.0	3,889.8 392.9	4,149.9 406.9	4,117.6 405.7	4,177.1 408.4	4,242.8 411.0	4,317.0 414.7	4,378.1 419.6
consumption adjustments	527.7 38.9 488.8	551.2 35.5 515.8	577.2 28.7 548.5	571.7 27.7 544.0	576.1 25.2 550.9	596.9 34.7 562.2	598.3 22.5 575.8	610.4 23.7 586.7
Rental income or persons with capital consumption adjustment Personal dividend income Personal interest income Transfer payments to persons	150.2 248.2 719.4 1,068.0	158.2 260.3 747.3 1,110.4	162.6 263.1 764.8 1,149.0	161.0 262.1 763.0 1,145.8	163.6 263.0 769.2 1,152.9	167.5 265.7 769.9 1,158.3	167.7 268.8 771.0 1,175.2	170.4 272.7 777.8 1,181.3
Less: Personal contributions for social insurance	306.3	326.2	347.4	345.1	349.5	354.1	363.4	367.9
Less: Personal tax and nontax payments	890.5	989.0	1,098.3	1,092.9	1,108.4	1,124.9	1,144.1	1,162.6
Equals: Disposable personal income	5,534.7	5,795.1	6,027.9	5,988.9	6,052.4	6,133.1	6,205.2	6,279.6
Less: Personal outlays	5,376.2	5,674.1	6,000.2	5,963.3	6,039.8	6,133.6	6,250.7	6,358.8
Equals: Personal saving	158.5	121.0	27.7	25.6	12.6	6	-45.5	-79.1
Addenda: Disposable personal income, billions of chained (1992) dollars\2\ Personal saving as a percentage of	5,043.0	5,183.1	5,348.5	5,321.5	5,364.1	5,421.2	5,468.2	5,500.2
	2.9	2.1	.5	.4	.2	.0	7	-1.3

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.

"This 10 recorporate

Table 10.--Corporate Profits: Level and Percent Change
[Billions of dollars]

Billions of dollars

Percent change from preceding period

Ouarterly

Quarter one Quarterly Quarter one rates year ago Seasonally adjusted at annual rates

	1996	1997	1998	II 98	III 98	IV 98	I 99	II 99	1997	1998	III 98	IV 98	I 99	II 99	II 99
Corporate profits with inventory valuation and capital consumption adjustments. Profits before tax. Profits tax liability. Profits after tax. Dividends. Undistributed profits.	750.4 680.2 226.1 454.1 261.9 192.3	817.9 734.4 246.1 488.3 275.1 213.2	824.6 717.8 240.1 477.7 279.2 198.5	820.6 723.5 241.6 481.8 278.1 203.7	827.0 720.5 243.2 477.3 279.0 198.3	821.7 708.1 235.6 472.5 282.3 190.2	868.8 752.6 250.7 501.9 285.6 216.4	859.6 768.2 257.5 510.7 289.7 221.0	9.0 8.0 8.8 7.5 5.0	.8 -2.3 -2.4 -2.2 1.5 -6.9	.8 4 .6 -1.0 .3 -2.7	6 -1.7 -3.1 -1.0 1.2 -4.1	5.7 6.3 6.4 6.2 1.2	-1.1 2.1 2.7 1.7 1.4 2.1	4.8 6.2 6.6 6.0 4.2 8.5
Inventory valuation adjustment	-1.2	6.9	14.5	7.8	11.7	13.4	11.6	-17.1							
Capital consumption adjustment	71.4	76.6	92.3	89.4	94.8	100.2	104.6	108.6	7.3	20.4	6.1	5.7	4.3	3.8	21.5
Addenda: Corporate profits after tax with inventory valuation and capital consumption adjustments	524.3	571.8	584.5	579.0	583.7	586.2	618.1	602.1	9.1	2.2	.8	. 4	5.4	-2.6	4.0
Net cash flow with inventory valuation and capital consumption adjustments Undistributed profits with inventory valuation and capital	714.4	774.1	806.0	798.7	807.9	812.8	847.5	834.2	8.3	4.1	1.2	. 6	4.3	-1.6	4.5
consumption adjustments Consumption of fixed capital	262.4 452.0	296.7 477.3	305.4 500.6	300.9 497.8	304.8 503.1	303.9 508.9	332.5 514.9	312.4 521.8	13.1 5.6	2.9 4.9	1.3	3 1.1	9.4 1.2	-6.0 1.3	3.9 4.8
Less: Inventory valuation adjustment	-1.2	6.9	14.5	7.8	11.7	13.4	11.6	-17.1							
Equals: Net cash flow	715.7	767.2	791.4	790.9	796.2	799.3	835.9	851.4	7.2	3.2	.7	. 4	4.6	1.9	7.6

Table 11.--Corporate Profits by Industry: Level and Change From Preceding Period [Billions of dollars]

				Lev	el				Change from preceding period						
-				Season	ally adj	usted at	annual :	rates							
	1996	1997	1998		III 98	IV 98	I 99	II 99	1997		III 98	IV 98	I 99	II 99	
Corporate profits with IVA and CCAdj	750.4	817.9	824.6	820.6	827.0	821.7	868.8	859.6	67.5	6.7	6.4	-5.3	47.1	-9.2	
Domestic industries	654.0	718.9	729.0	723.3	737.0	724.9	767.4	760.5	64.9	10.1	13.7	-12.1	42.5	-6.9	
Financial Nonfinancial	105.5 548.5	124.7 594.2	130.3 598.7	130.1 593.2	129.5 607.5	130.1 594.8	143.5 623.8	140.5 620.0	19.2 45.7	5.6 4.5	6 14.3	.6 -12.7	13.4 29.0	-3.0 -3.8	
Rest of the world	96.4	99.0	95.7	97.3	89.9	96.8	101.4	99.2	2.6	-3.3	-7.4	6.9	4.6	-2.2	
Receipts from the rest of the world Less: Payments to the rest of the world	134.5 38.1	149.5 50.4	145.8 50.1	146.0 48.7	140.5 50.5	150.6 53.8	161.5 60.1	163.0 63.9	15.0 12.3	-3.7 3	-5.5 1.8	10.1	10.9 6.3	1.5	
Corporate profits with IVA	679.0	741.2	732.3	731.3	732.1	721.5	764.2	751.1	62.2	-8.9	.8	-10.6	42.7	-13.1	
Domestic industries. Financial Federal Reserve banks. Other	582.6 110.7 21.8 88.9	642.2 130.0 23.3 106.6	636.6 134.2 24.6 109.7	633.9 134.4 24.4 110.0	642.2 133.2 24.7 108.5	624.7 133.0 24.6 108.4	662.8 146.2 24.4 121.8	651.9 143.0 24.5 118.5	59.6 19.3 1.5 17.7	-5.6 4.2 1.3 3.1	8.3 -1.2 .3 -1.5	-17.5 2 1 1	38.1 13.2 2 13.4	-10.9 -3.2 .1 -3.3	
Nonfinancial Manufacturing. Durable goods. Primary metal industries. Fabricated metal products. Industrial machinery and equipment.	471.8 195.6 97.2 5.4 14.2 26.1	512.3 214.4 107.3 5.6 15.5 27.6	502.4 192.8 108.3 5.4 15.0 29.2	499.5 194.6 104.5 5.7 15.5 28.5	509.0 195.0 109.4 4.9 17.5 30.4	491.7 184.5 118.7 4.8 14.6 34.5	516.6 195.5 112.7 1.2 16.5 32.7	508.9	40.5 18.8 10.1 .2 1.3 1.5	-9.9 -21.6 1.0 2 5 1.6	9.5 .4 4.9 8 2.0 1.9	-17.3 -10.5 9.3 1 -2.9 4.1	24.9 11.0 -6.0 -3.6 1.9 -1.8	-7.7 	
Electronic and other electric equipment. Motor vehicles and equipment. Other.	20.1 2.4 29.0	24.8 3.8 30.0	21.8 5.8 31.2	19.8 4.9 30.1	20.5 4.6 31.5	25.0 7.3 32.4	24.6 7.9 29.7		4.7 1.4 1.0	-3.0 2.0 1.2	.7 3 1.4	4.5 2.7 .9	4 .6 -2.7		
Nondurable goods. Food and kindred products Chemicals and allied products. Petroleum and coal products. Other.	98.5 22.0 28.8 10.9 36.7	107.1 22.7 28.1 18.0 38.3	84.5 17.9 21.1 8.4 37.1	90.2 21.4 18.9 10.0 39.8	85.6 22.0 18.4 7.2 38.0	65.8 7.5 20.0 5.4 32.9	82.9 18.4 24.8 2.3 37.4		8.6 .7 7 7.1 1.6	-22.6 -4.8 -7.0 -9.6 -1.2	-4.6 .6 5 -2.8 -1.8	-19.8 -14.5 1.6 -1.8 -5.1	17.1 10.9 4.8 -3.1 4.5		
Transportation and public utilities Transportation. Communications Electric, gas, and sanitary services	92.7 14.8 35.8 42.1	88.4 17.6 31.2 39.7	90.4 17.7 33.3 39.3	87.5 17.5 32.5 37.5	92.7 18.5 34.8 39.5	89.7 17.7 31.9 40.0	94.1 16.5 37.1 40.5		-4.3 2.8 -4.6 -2.4	2.0 .1 2.1 4	5.2 1.0 2.3 2.0	-3.0 8 -2.9 .5	4.4 -1.2 5.2 .5		
Wholesale trade	37.9 51.8 93.8	49.8 61.2 98.5	51.3 67.2 100.7	53.5 67.4 96.5	53.9 67.1 100.2	46.3 66.8 104.4	50.0 73.0 103.9		11.9 9.4 4.7	1.5 6.0 2.2	.4 3 3.7	-7.6 3 4.2	3.7 6.2 5		
Rest of the world	96.4	99.0	95.7	97.3	89.9	96.8	101.4	99.2	2.6	-3.3	-7.4	6.9	4.6	-2.2	

IVA Inventory valuation adjustment CCAdj. Capital consumption adjustment

Table 12.--Gross Domestic Product of Nonfinancial Corporate Business
[Billions of dollars]

	Seasonally adjusted at annual rates											
	1996	1997	1998	II 98	III 98	IV 98	I 99	II 99				
			P	illions of	dollars							
Gross domestic product of nonfinancial corporate business			4,657.4					4,883.7				
Consumption of fixed capital	393.4	415.4	435.3	433.1	437.4	442.3	447.3	453.1				
Indirect business tax and nontax liability plus business transfer	3,741.0	3,999.1	4,222.1	4,185.7	,	4,305.5	4,380.4	4,430.5				
payments less subsidies. Domestic income. Compensation of employees. Wage and salary accruals. Supplements to wages and salaries. Corporate profits with IVA and CCAdj. Profits before tax. Profits ax liability. Profits tax liability. Dividends. Undistributed profits. Inventory valuation adjustment. Capital consumption adjustment. Net interest.	411.6 3,329.4 2,679.7 2,240.7 439.0 548.5 473.1 151.5 321.5 217.1 104.4 -1.2 76.7	436.8 3,562.3 2,871.2 2,416.6 594.2 505.4 169.8 335.6 229.3 106.3 81.9 96.9				96.9	472.5 3,907.9 3,185.1 2,698.5 486.6 623.8 505.0 165.8 339.3 247.8 91.5 11.6 107.2	477.5 3,953.0 3,232.4 2,740.5 491.9 620.0 526.1 173.7 352.3 270.1 82.2 -17.1 111.0				
==			Billions	of chained	l (1992) dol	llars						
Gross domestic product of nonfinancial corporate business\1\ Consumption of fixed capital\2\ Net domestic product\3\	374.3 3,540.5	4,154.4 394.6 3,759.8	422.4 3,966.4	417.7 3,934.3	426.6 3,990.6	436.0 4,040.9	446.0 4,104.6	4,591.6 456.5 4,135.1				
				Dollar	's 							
Price, costs, and profits per unit of real gross domestic product of nonfinancial corporate business:												
Price per unit of real gross domestic product\4\	1.056	1.063	1.061	1.061	1.062	1.060	1.061	1.064				
Compensation of employees (unit labor cost)	.685	.691	.699	.699	.699	.700	.700	.704				
Unit nonlabor cost Consumption of fixed capital. Indirect business tax and nontax	.231	.228	.226 .099	.226 .100	.225	.228	.224	.225 .099				

liability plus business transfer payments less subsidies Net interest	.105 .026	.105	.105 .022	.104	.104	.107	.104	.104
Corporate profits with IVA and CCADj. (unit profits from current production) Profits tax liability Profits after tax with IVA and CCAdj	.140 .039 .101	.143 .041 .102	.136 .037 .100	.136 .037 .099	.138 .037 .100	.133 .035 .098	.137 .036 .101	.135 .038 .097

Appendix Table A.--Real Gross Domestic Product and Related Aggregates and Price Indexes: Percent Change From Preceding Period [Percent; quarters seasonally adjusted at annual rates]

	1996	1997	1998	III 95	IV 95	I 96	II 96	III 96	IV 96	I 97	II 97	III 97	IV 97	I 98	II 98	III 98	IV 98	I 99	II 99r
GDP and related aggregates:	3.4	3.9	3.9	3.3	2.8	3.3	6.1	2.1	4.2	4.2	4.0	4.2	3.0	5.5	1.8	3.7	6.0	4.3	1.8
Goods Services Structures	4.5 2.4 5.6	5.9 2.6 4.1	5.0 3.1 4.0	4.9 2.4 3.0	5.9 .5 3.9	3.7 2.5 7.1	7.1 4.2 13.4	4.3 .9 .5	3.8 3.9 8.1	8.7 1.1 5.5	6.0 3.5 -1.6	5.4 3.4 4.5	3.8 2.6 1.7	12.0 1.4 5.3	$^{-4.1}_{5.6}$	3.4 3.4 6.2	12.0 2.4 4.8	4.0 2.8 15.4	.5 3.1 6
Motor vehicle output GDP less motor vehicle output	4 3.6	5.9 3.9	3.4 3.9	-9.3 3.8	27.4 1.9	-31.6 5.0	54.8 4.6	-7.7 2.5	-9.1 4.8	13.2 3.9	-6.3 4.4	27.2 3.4	15.2 2.5	-8.6 6.1	-11.2 2.3	-11.2 4.2	87.7 3.8	-18.7 5.3	3.4 1.7
Final sales of computers\1\ GDP less final sales of computers.	63.1	55.3 3.4	62.5	61.2 2.9	82.2 2.1	71.6 2.7	44.7 5.6	73.9 1.5	34.0 3.9	43.1	85.9 3.2	74.4 3.6	27.7 2.7	68.3 5.0	65.3 1.2	91.3 2.9	46.6 5.6	24.2 4.1	24.4 1.5
Farm product\2\	9.1	14.9	2.4	-27.0	21.6	30.7	10.8	1.9	14.9	36.4	13.6	13.6	-19.1	10.8	1.0	10.1	.5	4	5.9
Nonfarm business less housing product\3\	4.1	4.5	4.7	5.2	3.2	4.2	6.6	2.2	5.0	4.5	4.5	4.9	4.1	7.1	1.7	4.0	7.5	5.0	1.8
Price indexes: GDP GDP less food and energy	1.9	1.9	1.0	1.9 1.5	2.0 2.1	2.2	1.4	1.8	1.6	2.8 2.7	1.7	1.2	1.1	.9 1.2	.9	1.0	.8 1.0	1.6 1.5	1.5
Gross domestic purchases	1.8	1.6	.6	1.6	1.8	2.1	1.4	1.5	2.1	2.2	.9	1.1	1.0	2	. 4	.7	.9	1.2	2.1
Gross domestic purchases less food and energy	1.5	1.6	.9	1.7	1.9	1.7	.6	1.5	1.6	2.2	1.7	.9	1.0	.7	.7	.7	1.1	1.3	1.4
Gross domestic purchases less computers	2.2	2.0	1.1	2.0	2.2	2.6	1.8	1.9	2.5	2.7	1.3	1.5	1.4	. 4	1.0	1.3	1.4	1.7	2.5
Personal consumption expenditures.	2.0	1.9	.8	1.8	1.6	2.2	2.5	1.5	2.5	2.5	1.1	1.3	1.1	.0	.9	1.0	1.1	1.2	2.5
Personal consumption expenditures less food and energy	1.8	1.8	1.2	2.0	1.8	1.6	1.7	1.3	1.9	2.4	2.2	1.0	1.0	1.1	1.3	1.1	1.3	1.3	1.5

Profits after tax with IVA and CCAdj... .101 .102

1. Chained-dollar gross domestic product of nonfinancial corporate business equals the current-dollar product deflated by the implicit price deflator for goods and structures in gross domestic product.

2. Chained-dollar consumption of fixed capital of nonfinancial corporate business (wided by 100 ground the page current-dollar value of the corresponding series, divided by 100 ground the page consumption of fixed capital of the consumption of fixed capital.

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

IVA Inventory valuation adjustment CCAdj. Capital consumption adjustment

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 chain-type quantity and price indexes that, in combination with the current-dollar estimates, provide users with the basic data series from which all other analytical tables and presentations of GDP are derived.

Changes in current-dollar GDP measure changes in the market value of goods, services, and structures produced in the economy in a particular period. For many purposes, it is necessary to decompose these changes into quantity and price components. Prices are expressed as index numbers with the base period—at present, the year 1992—equal to 100. Quantities, or "real" measures, are expressed as index numbers with the base period (1992) equal to 100. (The current-dollar values and price indexes for most GDP components are determined largely using data from federal government surveys. The real values (expressed with 1992 as the base period) of these components are calculated by deflation at the most detailed level for which all the required data are available by dividing the current-dollar value of the component by its price index, where the price index uses 1992 as the base period.)

The annual changes in quantities and prices are calculated using a Fisher formula that incorporates weights from two adjacent years. (Similar formulas are used to calculate the quarterly indexes for the most recent quarters, called the "tail" period and for the indexes for the other quarters, called the "historical period.") For example, the 1996-97 annual percent change in real GDP uses prices for 1996 and 1997 as weights, and the 1996-97 annual percent change in price uses quantities for 1996 and 1997 as weights. These annual changes are "chained" (multiplied) together to form time series of quantity and price. 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 associated with changes in quantities and prices calculated using a fixed-weighted formula. The Fisher formula also produces changes in quantities and prices that are not affected by the choice of base periods. 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, 6A, and 6B. 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 (1992) dollar estimates." For GDP and most other series, these estimates, which are presented in table 3, are computed by multiplying the 1992 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 1992 and if real output for this component increased 10 percent in 1993, then the chained (1992) dollar value of this component in 1993 would be \$110 (\$100 x 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 base period differ from those used for the base period, 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 an other major aggregate) and the sum of the most detailed components in the table. For periods close to the base 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 (1992) dollar estimates can be used to approximate the contributions to growth and to aggregate the detailed estimates. As one moves further from the base period, the residual tends to become larger, and the chained-dollar estimates become less useful for analyses of contributions to growth. In particular, for components for which relative prices are changing rapidly, these calculations may be misleading even just a few years from the base year. In such cases, table 2 on contributions provides a better basis for determining the composition of GDP growth than the chained-dollar estimates.

References: "A Guide to the NIPA's," March 1998 <u>Survey of Current Business</u> (<u>SCB</u>) pp. 36-40. "BEA's Chain Indexes, Time Series, and Measures of Long-Term Economic Growth," May 1997 <u>SCB</u>, pp. 58-68.