



NEWS RELEASE



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BEA 13-18

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GROSS DOMESTIC PRODUCT: FIRST QUARTER 2013 (ADVANCE ESTIMATE)

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 2.5 percent in the first quarter of 2013 (that is, from the fourth quarter to the first quarter), according to the "advance" estimate released by the Bureau of Economic Analysis. In the fourth quarter, real GDP increased 0.4 percent.

The Bureau emphasized that the first-quarter advance estimate released today is based on source data that are incomplete or subject to further revision by the source agency (see the box on page 3 and "Comparisons of Revisions to GDP" on page 5). The "second" estimate for the first quarter, based on more complete data, will be released on May 30, 2013.

The increase in real GDP in the first quarter primarily reflected positive contributions from personal consumption expenditures (PCE), private inventory investment, exports, residential investment, and nonresidential fixed investment that were partly offset by negative contributions from federal government spending and state and local government spending. Imports, which are a subtraction in the calculation of GDP, increased.

Comprehensive Revision of the National Income and Product Accounts

BEA plans to release the results of the 14th comprehensive (or benchmark) revision of the national income and product accounts (NIPAs) in conjunction with the second quarter 2013 "advance" estimate on July 31, 2013. More information on the revision is available on BEA's Web site at www.bea.gov/gdp-revisions, including a link to an article in the March 2013 issue of the *Survey of Current Business* that discusses the upcoming changes in definitions and presentations, including capitalizing spending on research and development and on entertainment originals and measuring transactions of defined benefit pension plans on an accrual accounting basis. An article in the May *Survey* will describe changes in statistical methods, and an article in the September *Survey* will describe the estimates in detail. Revised NIPA table stubs and news release stubs will be available in June.

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 are annualized. "Real" estimates are in chained (2005) dollars. Price indexes are chain-type measures.

This news release is available on [BEA's Web site](http://www.bea.gov) along with the [Technical Note](#) and [Highlights](#) related to this release.

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

Motor vehicle output added 0.24 percentage point to the first-quarter change in real GDP after adding 0.18 percentage point to the fourth-quarter change. Final sales of computers subtracted 0.01 percentage point from the first-quarter change in real GDP after adding 0.10 percentage point to the fourth-quarter change.

The price index for gross domestic purchases, which measures prices paid by U.S. residents, increased 1.1 percent in the first quarter, compared with an increase of 1.6 percent in the fourth. Excluding food and energy prices, the price index for gross domestic purchases increased 1.3 percent in the first quarter, compared with an increase of 1.2 percent in the fourth.

Real personal consumption expenditures increased 3.2 percent in the first quarter, compared with an increase of 1.8 percent in the fourth. Durable goods increased 8.1 percent, compared with an increase of 13.6 percent. Nondurable goods increased 1.0 percent, compared with an increase of 0.1 percent. Services increased 3.1 percent, compared with an increase of 0.6 percent.

Real nonresidential fixed investment increased 2.1 percent in the first quarter, compared with an increase of 13.2 percent in the fourth. Nonresidential structures decreased 0.3 percent, in contrast to an increase of 16.7 percent. Equipment and software increased 3.0 percent, compared with an increase of 11.8 percent. Real residential fixed investment increased 12.6 percent, compared with an increase of 17.6 percent.

Real exports of goods and services increased 2.9 percent in the first quarter, in contrast to a decrease of 2.8 percent in the fourth. Real imports of goods and services increased 5.4 percent, in contrast to a decrease of 4.2 percent.

Real federal government consumption expenditures and gross investment decreased 8.4 percent in the first quarter, compared with a decrease of 14.8 percent in the fourth. National defense decreased 11.5 percent, compared with a decrease of 22.1 percent. Nondefense decreased 2.0 percent, in contrast to an increase of 1.7 percent. Real state and local government consumption expenditures and gross investment decreased 1.2 percent, compared with a decrease of 1.5 percent.

The change in real private inventories added 1.03 percentage points to the first-quarter change in real GDP after subtracting 1.52 percentage points from the fourth-quarter change. Private businesses increased inventories \$50.3 billion in the first quarter, following increases of \$13.3 billion in the fourth quarter and \$60.3 billion in the third.

Real final sales of domestic product -- GDP less change in private inventories -- increased 1.5 percent in the first quarter, compared with an increase of 1.9 percent in the fourth.

Gross domestic purchases

Real gross domestic purchases -- purchases by U.S. residents of goods and services wherever produced -- increased 2.9 percent in the first quarter; it was unchanged in the fourth quarter.

Disposition of personal income

Current-dollar personal income decreased \$109.1 billion (3.2 percent) in the first quarter, in contrast to an increase of \$262.3 billion (8.1 percent) in the fourth. The downturn in personal income primarily reflected a sharp downturn in personal dividend income and a sharp acceleration in contributions for government social insurance -- a subtraction in the calculation of personal income. Fourth-quarter personal dividend income was boosted by the payment of accelerated and special dividends. The acceleration in contributions for government social insurance in the first quarter resulted from the expiration of the "payroll tax holiday."

Personal current taxes increased \$27.2 billion in the first quarter, compared with an increase of \$34.3 billion in the fourth.

Disposable personal income decreased \$136.3 billion (4.4 percent) in the first quarter, in contrast to an increase of \$228.0 billion (7.9 percent) in the fourth. Real disposable personal income decreased 5.3 percent, in contrast to an increase of 6.2 percent.

Personal outlays increased \$116.3 billion (4.1 percent) in the first quarter, compared with an increase of \$97.0 billion (3.4 percent) in the fourth. Personal saving -- disposable personal income less personal outlays -- was \$313.3 billion in the first quarter, compared with \$566.0 billion in the fourth.

The personal saving rate -- personal saving as a percentage of disposable personal income -- was 2.6 percent in the first quarter, compared with 4.7 percent in the fourth. For a comparison of personal saving in BEA's national income and product accounts with personal saving in the Federal Reserve Board's flow of funds accounts and data on changes in net worth, go to www.bea.gov/national/nipaweb/Nipa-Frb.asp.

Current-dollar GDP

Current-dollar GDP -- the market value of the nation's output of goods and services -- increased 3.7 percent, or \$146.1 billion, in the first quarter to a level of \$16,010.2 billion. In the fourth quarter, current-dollar GDP increased 1.3 percent, or \$53.1 billion.

Information on the assumptions used for unavailable source data is provided in a technical note that is posted with the news release on BEA's Web site. Within a few days after the release, a detailed "Key Source Data and Assumptions" file is posted on the Web site. In the middle of each month, an analysis of the current quarterly estimate of GDP and related series is made available on the Web site; click on *Survey of Current Business*, "GDP and the Economy." For information on revisions, see "[Revisions to GDP, GDI, and Their Major Components](#)."

BEA's national, international, regional, and industry estimates; the *Survey of Current Business*; and BEA news releases are available without charge on BEA's Web site at www.bea.gov. By visiting the site, you can also subscribe to receive free e-mail summaries of BEA releases and announcements.

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Next release -- May 30, 2013, at 8:30 A.M. EDT for:
Gross Domestic Product: First Quarter 2013 (Second Estimate)
Corporate Profits: First Quarter 2013 (Preliminary Estimate)

Comparisons of Revisions to GDP

Quarterly estimates of GDP are released on the following schedule: "Advance" estimates, based on source data that are incomplete or subject to further revision by the source agency, are released near the end of the first month after the end of the quarter; as more detailed and more comprehensive data become available, "second" and "third" estimates are released near the end of the second and third months, respectively. The "latest" estimates reflect the results of both annual and comprehensive revisions.

Annual revisions, which generally cover the quarters of the 3 most recent calendar years, are usually carried out each summer and incorporate newly available major annual source data. Comprehensive (or benchmark) revisions are carried out at about 5-year intervals and incorporate major periodic source data, as well as improvements in concepts and methods that update the accounts to portray more accurately the evolving U.S. economy.

The table below shows comparisons of the revisions between quarterly percent changes of current-dollar and real GDP for the different vintages of the estimates. From the advance estimate to the second estimate (one month later), the average revision to real GDP without regard to sign is 0.5 percentage point, while from the advance estimate to the third estimate (two months later), it is 0.6 percentage point. From the advance estimate to the latest estimate, the average revision without regard to sign is 1.3 percentage points. The average revision (with regard to sign) from the advance estimate to the latest estimate is 0.2 percentage point, which is larger than the average revisions from the advance estimate to the second or to the third estimates. The larger average revisions to the latest estimate reflect the fact that comprehensive revisions include major improvements, such as the incorporation of BEA's latest benchmark input-output accounts. The quarterly estimates correctly indicate the direction of change of real GDP 97 percent of the time, correctly indicate whether GDP is accelerating or decelerating 72 percent of the time, and correctly indicate whether real GDP growth is above, near, or below trend growth more than four-fifths of the time.

Revisions Between Quarterly Percent Changes of GDP: Vintage Comparisons
[Annual rates]

Vintages compared	Average	Average without regard to sign	Standard deviation of revisions without regard to sign
<u>Current-dollar GDP</u>			
Advance to second.....	0.2	0.6	0.4
Advance to third.....	.1	.7	.4
Second to third.....	.0	.3	.2
Advance to latest.....	.3	1.2	1.0
<u>Real GDP</u>			
Advance to second.....	0.1	0.5	0.4
Advance to third.....	.1	.6	.5
Second to third.....	.0	.2	.2
Advance to latest.....	.2	1.3	1.0

NOTE. These comparisons are based on the period from 1983 through 2009.

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

Line		2010	2011	2012	Seasonally adjusted at annual rates															Line	
					2009			2010				2011				2012					2013
					II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		I
1	Gross domestic product (GDP).....	2.4	1.8	2.2	-0.3	1.4	4.0	2.3	2.2	2.6	2.4	0.1	2.5	1.3	4.1	2.0	1.3	3.1	0.4	2.5	1
2	Personal consumption expenditures.....	1.8	2.5	1.9	-1.8	2.1	0.0	2.5	2.6	2.5	4.1	3.1	1.0	1.7	2.0	2.4	1.5	1.6	1.8	3.2	2
3	Goods.....	3.6	3.8	3.1	-2.1	7.5	-0.5	5.2	3.3	3.8	7.9	5.4	-1.0	1.4	5.4	4.7	0.3	3.6	4.3	3.3	3
4	Durable goods.....	6.2	7.2	7.8	-2.0	20.9	-6.1	5.5	10.5	7.2	15.2	7.3	-2.3	5.4	13.9	11.5	-0.2	8.9	13.6	8.1	4
5	Nondurable goods.....	2.3	2.3	0.9	-2.1	1.7	2.3	5.1	0.1	2.2	4.5	4.6	-0.3	-0.4	1.8	1.6	0.6	1.2	0.1	1.0	5
6	Services.....	1.0	1.9	1.2	-1.6	-0.4	0.2	1.2	2.3	1.9	2.3	2.0	1.9	1.8	0.3	1.3	2.1	0.6	0.6	3.1	6
7	Gross private domestic investment.....	13.7	5.2	9.8	-27.1	-1.7	41.4	19.8	14.6	16.4	-5.9	-5.3	12.5	5.9	33.9	6.1	0.7	6.6	1.3	12.3	7
8	Fixed investment.....	-0.2	6.6	8.7	-18.5	-3.1	-6.0	-0.9	14.5	-1.0	7.6	-1.3	12.4	15.5	10.0	9.8	4.5	0.9	14.0	4.1	8
9	Nonresidential.....	0.7	8.6	8.0	-17.5	-7.8	-6.4	2.1	12.3	7.7	9.2	-1.3	14.5	19.0	9.5	7.5	3.6	-1.8	13.2	2.1	9
10	Structures.....	-15.6	2.7	10.8	-31.4	-26.7	-28.8	-23.0	13.1	-2.2	9.3	-28.2	35.2	20.7	11.5	12.9	0.6	0.0	16.7	-0.3	10
11	Equipment and software.....	8.9	11.0	6.9	-8.6	3.6	6.0	14.7	12.0	11.9	9.2	11.1	7.8	18.3	8.8	5.4	4.8	-2.6	11.8	3.0	11
12	Residential.....	-3.7	-1.4	12.1	-22.2	17.2	-4.8	-11.4	23.1	-28.6	1.5	-1.4	4.1	1.4	12.1	20.5	8.5	13.5	17.6	12.6	12
13	Change in private inventories.....																				13
14	Net exports of goods and services.....																				14
15	Exports.....	11.1	6.7	3.4	0.6	13.8	24.0	5.9	9.6	9.7	10.0	5.7	4.1	6.1	1.4	4.4	5.3	1.9	-2.8	2.9	15
16	Goods.....	14.3	7.2	4.2	-2.6	21.1	30.4	9.9	11.9	9.0	11.2	5.7	3.7	6.2	6.0	4.0	7.0	1.1	-5.0	3.5	16
17	Services.....	4.7	5.6	1.5	7.4	0.4	11.4	-2.2	4.5	11.1	7.4	5.8	5.1	6.1	-8.8	5.2	1.1	4.0	2.5	1.5	17
18	Imports.....	12.5	4.8	2.4	-15.9	17.2	19.3	10.4	20.2	13.9	0.0	4.3	0.1	4.7	4.9	3.1	2.8	-0.6	-4.2	5.4	18
19	Goods.....	14.9	5.2	2.1	-18.5	21.1	23.7	12.2	24.7	14.1	1.1	5.2	-0.7	2.9	6.3	2.0	2.9	-1.2	-3.9	5.2	19
20	Services.....	2.5	2.8	4.2	-4.7	2.8	2.4	2.4	1.2	12.9	-5.0	-0.6	4.2	13.8	-1.7	9.0	2.3	2.6	-5.6	6.0	20
21	Government consumption expenditures and gross investment.....	0.6	-3.1	-1.7	9.6	3.7	1.1	-3.1	2.8	-0.3	-4.4	-7.0	-0.8	-2.9	-2.2	-3.0	-0.7	3.9	-7.0	-4.1	21
22	Federal.....	4.5	-2.8	-2.2	13.7	6.3	4.2	0.6	9.7	3.7	-4.1	-10.3	2.8	-4.3	-4.4	-4.2	-0.2	9.5	-14.8	-8.4	22
23	National defense.....	3.0	-2.6	-3.1	16.1	7.6	1.3	-3.7	7.3	7.2	-6.1	-14.3	8.3	2.6	-10.6	-7.1	-0.2	12.9	-22.1	-11.5	23
24	Nondefense.....	7.7	-3.1	-0.3	8.8	3.5	10.5	10.1	14.6	-3.1	0.0	-1.7	-7.5	-17.4	10.2	1.8	-0.4	3.0	1.7	-2.0	24
25	State and local.....	-1.8	-3.4	-1.4	7.2	2.2	-0.9	-5.5	-1.4	-2.9	-4.6	-4.7	-3.2	-2.0	-0.7	-2.2	-1.0	0.3	-1.5	-1.2	25
	Addenda:																				
26	Final sales of domestic product.....	0.9	2.0	2.1	0.6	1.2	-0.6	0.1	2.2	0.6	4.1	0.6	2.4	2.3	1.5	2.4	1.7	2.4	1.9	1.5	26
27	Gross domestic purchases.....	2.8	1.7	2.1	-2.7	2.1	4.0	3.1	3.9	3.5	1.1	0.0	1.9	1.2	4.6	1.8	1.0	2.6	0.0	2.9	27
28	Final sales to domestic purchasers.....	1.3	1.8	2.0	-1.8	1.8	-0.5	0.9	3.9	1.5	2.7	0.5	1.8	2.2	2.1	2.2	1.4	1.9	1.5	1.9	28
29	Gross national product (GNP).....	2.8	2.0	2.1	-0.4	2.8	4.4	2.7	2.9	2.6	2.2	0.6	2.8	1.4	4.1	0.6	2.1	2.9	0.9		29
30	Disposable personal income.....	1.8	1.3	1.5	-0.5	-6.1	-0.6	5.7	6.3	1.2	1.0	4.4	-1.5	-1.3	-0.2	3.7	2.2	0.7	6.2	-5.3	30
	Current-dollar measures:																				
31	GDP.....	3.8	4.0	4.0	-1.1	1.9	5.3	3.9	4.1	4.6	4.5	2.2	5.2	4.3	4.2	4.2	2.8	5.9	1.3	3.7	31
32	Final sales of domestic product.....	2.2	4.1	3.9	-0.1	1.8	0.8	1.6	3.8	2.7	6.2	2.6	5.2	5.4	1.9	4.4	3.3	5.2	2.9	2.7	32
33	Gross domestic purchases.....	4.5	4.2	3.8	-2.5	3.8	6.3	5.2	4.8	4.8	3.5	3.5	5.5	3.6	5.3	4.6	1.7	4.2	1.6	4.1	33
34	Final sales to domestic purchasers.....	3.0	4.4	3.7	-1.5	3.7	1.9	3.0	4.6	2.9	5.1	3.9	5.4	4.6	3.0	4.8	2.2	3.5	3.1	3.1	34
35	GNP.....	4.2	4.2	3.9	-1.1	3.3	5.7	4.3	4.7	4.6	4.3	2.7	5.5	4.5	4.3	2.8	3.6	5.7	1.9		35
36	Disposable personal income.....	3.8	3.8	3.3	1.1	-3.3	2.5	7.6	6.9	2.5	3.1	7.7	2.0	1.1	0.9	6.3	2.9	2.3	7.9	-4.4	36

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

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

Line		Billions of current dollars						Billions of chained (2005) dollars						Change from preceding period			Line
		2012	Seasonally adjusted at annual rates					2012	Seasonally adjusted at annual rates					Change from preceding period			
			2012				2013		2012				2013	Change from preceding period			
			I	II	III	IV	I		I	II	III	IV	I	2012	2012	2013	
49	Government consumption expenditures and gross investment	3,062.8	3,054.6	3,053.7	3,093.3	3,049.7	3,030.6	2,481.1	2,483.7	2,479.4	2,503.1	2,458.1	2,432.6	-42.8	-45.0	-25.5	49
50	Federal	1,214.3	1,207.7	1,210.7	1,241.4	1,197.3	1,178.4	1,024.1	1,023.1	1,022.5	1,045.9	1,004.9	983.2	-22.9	-41.0	-21.7	50
51	National defense	809.1	806.4	807.8	834.5	787.9	769.7	677.3	677.6	677.3	698.1	656.0	636.2	-21.8	-42.1	-19.8	51
52	Consumption expenditures	703.6	703.5	701.1	728.1	681.8	672.7	580.5	582.9	579.8	600.5	559.0	546.9	-18.5	-41.5	-12.1	52
53	Gross investment	105.6	102.9	106.7	106.4	106.1	97.1	97.0	94.8	97.9	97.7	97.7	89.2	-3.4	0.0	-8.5	53
54	Nondefense	405.1	401.3	402.9	406.8	409.4	408.6	347.0	345.6	345.3	347.8	349.3	347.5	-0.9	1.5	-1.8	54
55	Consumption expenditures	356.0	352.1	353.7	358.2	360.2	360.0	300.3	298.7	298.6	301.6	302.4	301.4	1.9	0.8	-1.0	55
56	Gross investment	49.1	49.2	49.2	48.6	49.3	48.6	46.7	47.0	46.8	46.2	46.9	46.1	-3.2	0.7	-0.8	56
57	State and local	1,848.5	1,846.9	1,843.0	1,851.9	1,852.3	1,852.2	1,461.7	1,465.3	1,461.6	1,462.7	1,457.2	1,452.7	-20.3	-5.5	-4.5	57
58	Consumption expenditures	1,530.8	1,531.4	1,525.5	1,532.4	1,534.0	1,536.2	1,218.9	1,221.9	1,218.7	1,219.4	1,215.6	1,213.9	-10.5	-3.8	-1.7	58
59	Gross investment	317.7	315.5	317.5	319.5	318.3	316.1	243.9	244.5	244.0	244.4	242.8	240.1	-9.7	-1.6	-2.7	59
60	Residual							-90.4	-83.5	-83.2	-85.5	-109.6	-115.1				60
	Addenda:																
61	Final sales of domestic product	15,626.7	15,405.7	15,530.8	15,728.8	15,841.4	15,945.9	13,539.4	13,440.1	13,497.9	13,577.4	13,642.0	13,691.8	274.1	64.6	49.8	61
62	Gross domestic purchases	16,244.7	16,094.0	16,162.5	16,327.8	16,394.4	16,560.1	13,985.8	13,914.4	13,948.5	14,039.3	14,040.8	14,142.2	287.0	1.5	101.4	62
63	Final sales to domestic purchasers	16,186.6	16,021.5	16,107.8	16,245.6	16,371.6	16,495.8	13,931.2	13,847.5	13,897.1	13,963.6	14,016.6	14,083.3	267.0	53.0	66.7	63
64	Gross domestic product	15,684.8	15,478.3	15,585.6	15,811.0	15,864.1	16,010.2	13,593.2	13,506.4	13,548.5	13,652.5	13,665.4	13,750.1	294.1	12.9	84.7	64
65	Plus: Income receipts from the rest of the world	782.3	769.6	775.1	775.8	808.5		674.9	667.0	670.5	668.5	693.8		-13.3	25.3		65
66	Less: Income payments to the rest of the world	539.3	554.7	527.8	532.7	541.8		464.6	479.7	455.7	458.4	464.6		-1.1	6.2		66
67	Equals: Gross national product	15,927.8	15,693.2	15,832.9	16,054.2	16,130.8		13,803.8	13,693.8	13,763.6	13,862.9	13,895.0		281.8	32.1		67
68	Net domestic product	13,673.1	13,493.4	13,580.8	13,791.3	13,826.7	13,949.7	11,778.9	11,706.6	11,739.2	11,833.6	11,836.3	11,909.4	256.5	2.7	73.1	68

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 gross domestic product, use table 2. See "Explanatory Note" at the end of the tables.

Table 4. Price Indexes for Gross Domestic Product and Related Measures: Percent Change From Preceding Period

Line		2010	2011	2012	Seasonally adjusted at annual rates															Line	
					2009			2010				2011				2012					2013
					II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV		I
1	Gross domestic product (GDP)	1.3	2.1	1.8	-0.8	0.5	1.3	1.5	1.7	2.0	2.1	2.0	2.6	3.0	0.4	2.0	1.6	2.7	1.0	1.2	1
2	Personal consumption expenditures ...	1.9	2.4	1.8	1.6	3.1	3.1	1.8	0.6	1.3	2.2	3.2	3.6	2.3	1.1	2.5	0.7	1.6	1.6	0.9	2
3	Goods.....	1.7	3.8	1.3	4.3	5.7	3.1	1.3	-2.8	1.0	4.0	6.6	5.9	3.0	-0.2	2.5	-1.8	1.9	1.1	-0.9	3
4	Durable goods	-1.3	-0.9	-1.3	-0.3	-2.6	1.0	-1.5	-2.0	-2.3	-2.1	-0.5	1.6	-0.6	-2.5	-1.0	-1.2	-2.3	-2.0	-1.1	4
5	Nondurable goods	3.2	6.0	2.5	6.5	9.9	4.1	2.6	-3.2	2.6	7.0	10.1	8.0	4.7	0.8	4.2	-2.2	4.0	2.6	-0.8	5
6	Services	2.0	1.8	2.0	0.4	1.8	3.0	2.1	2.3	1.4	1.3	1.6	2.4	2.0	1.7	2.5	2.0	1.4	1.9	1.9	6
7	Gross private domestic investment	-1.3	1.5	1.2	-6.4	-5.7	-1.3	-1.2	0.4	1.3	2.1	1.3	1.9	1.6	1.2	1.0	1.3	0.6	1.5	1.5	7
8	Fixed investment	-1.2	1.6	1.4	-5.4	-4.3	-0.8	-1.6	-0.1	1.1	1.6	1.4	2.5	1.8	1.4	1.2	1.2	1.3	1.5	1.5	8
9	Nonresidential	-1.5	1.7	1.5	-5.3	-4.6	-1.9	-2.0	0.4	1.1	1.5	1.9	2.6	1.9	1.5	1.8	1.2	0.8	1.2	0.6	9
10	Structures	-1.1	4.7	3.4	-12.1	-9.9	-1.4	1.2	2.4	2.6	3.7	5.1	6.7	5.7	4.5	2.7	3.2	1.0	1.4	1.5	10
11	Equipment and software	-1.6	0.6	0.8	-1.4	-2.1	-2.3	-3.4	-0.4	0.4	0.6	0.8	1.2	0.5	0.4	1.4	0.4	0.7	1.1	0.3	11
12	Residential.....	-0.2	0.9	0.9	-5.9	-3.0	3.4	0.0	-2.0	1.4	2.4	-0.6	1.7	1.4	0.6	-1.4	1.2	3.3	3.0	5.2	12
13	Change in private inventories.....																				13
14	Net exports of goods and services																				14
15	Exports.....	4.5	6.4	0.9	-0.1	5.0	5.7	4.9	5.0	0.9	9.6	11.1	8.4	1.7	-3.8	2.8	0.5	0.0	1.5	1.5	15
16	Goods.....	5.1	7.6	0.4	2.1	5.1	5.4	5.5	5.5	1.0	12.6	13.3	9.4	1.2	-4.8	2.4	-0.4	0.1	1.2	1.3	16
17	Services	3.4	3.8	2.0	-4.5	4.7	6.4	3.8	3.9	0.8	3.0	5.9	5.9	2.9	-1.3	3.8	2.6	-0.4	2.3	1.9	17
18	Imports.....	6.0	7.8	0.6	6.4	13.3	12.4	7.9	-2.1	-3.1	10.1	18.6	12.8	-1.9	0.0	5.6	-3.9	-6.5	5.3	1.1	18
19	Goods.....	6.8	8.9	0.7	8.3	15.7	13.6	9.5	-2.8	-3.8	10.9	21.7	14.3	-2.0	0.6	6.4	-4.8	-7.5	5.8	0.9	19
20	Services	2.6	3.0	0.2	-0.9	3.9	7.2	1.0	0.8	0.8	6.0	4.5	5.1	-1.3	-3.1	1.7	1.0	-0.9	2.5	2.1	20
21	Government consumption expenditures and gross investment	2.4	3.3	1.8	-0.5	1.5	2.1	4.7	1.2	1.7	3.6	5.2	4.1	2.4	0.0	3.6	0.6	1.4	1.6	1.7	21
22	Federal.....	2.4	2.8	1.6	-1.7	1.5	2.2	5.5	1.1	1.2	2.3	4.9	3.6	2.2	-0.9	3.2	1.2	0.9	1.6	2.4	22
23	National defense	2.3	3.0	1.8	-2.2	1.2	2.3	5.9	1.0	0.9	2.8	6.1	3.3	2.3	-0.9	4.2	0.9	0.9	1.9	3.0	23
24	Nondefense	2.4	2.2	1.2	-0.6	2.3	2.1	4.9	1.5	1.7	1.2	2.8	4.2	2.1	-0.8	1.2	2.0	1.0	0.8	1.3	24
25	State and local	2.4	3.7	2.0	0.2	1.5	2.0	4.2	1.3	2.0	4.6	5.3	4.4	2.6	0.6	3.8	0.1	1.6	1.6	1.2	25
	Addenda:																				
26	Final sales of domestic product.....	1.3	2.1	1.8	-0.7	0.7	1.4	1.5	1.6	2.0	2.1	2.0	2.7	3.0	0.4	2.0	1.5	2.8	1.0	1.2	26
27	Gross domestic purchases.....	1.6	2.5	1.7	0.2	1.7	2.4	2.1	0.7	1.4	2.5	3.4	3.5	2.3	0.9	2.5	0.7	1.4	1.6	1.1	27
28	Final sales to domestic purchasers.....	1.6	2.5	1.7	0.3	1.8	2.4	2.0	0.6	1.4	2.4	3.4	3.5	2.3	0.9	2.5	0.7	1.5	1.6	1.1	28
29	Gross national product (GNP).....	1.3	2.1	1.8	-0.7	0.5	1.3	1.5	1.6	2.0	2.1	2.0	2.6	2.9	0.4	2.0	1.5	2.6	1.0	.....	29
	Implicit price deflators:																				
30	GDP.....	1.3	2.1	1.8	-0.8	0.5	1.2	1.6	1.8	1.9	2.0	2.1	2.6	3.0	0.1	2.2	1.5	2.7	1.0	1.2	30
31	Gross domestic purchases.....	1.6	2.5	1.7	0.2	1.7	2.3	2.1	0.8	1.3	2.3	3.5	3.5	2.3	0.6	2.7	0.7	1.5	1.6	1.2	31
32	GNP.....	1.3	2.1	1.8	-0.8	0.5	1.2	1.5	1.8	1.9	2.0	2.1	2.7	3.0	0.2	2.2	1.5	2.7	1.0	.....	32

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

Table 5. Real Gross Domestic Product, Quantity Indexes

[Index numbers, 2005=100]

Line		2010	2011	2012	Seasonally adjusted					Line
					2012				2013	
					I	II	III	IV	I	
1	Gross domestic product	103.486	105.356	107.687	106.999	107.333	108.156	108.259	108.929	1
2	Personal consumption expenditures	104.460	107.103	109.085	108.443	108.849	109.276	109.773	110.638	2
3	Goods.....	104.304	108.263	111.578	110.722	110.812	111.796	112.981	113.895	3
4	Durable goods	104.887	112.395	121.148	118.937	118.866	121.423	125.364	127.838	4
5	Nondurable goods	103.888	106.236	107.223	106.938	107.096	107.413	107.445	107.711	5
6	Services	104.554	106.543	107.854	107.318	107.882	108.031	108.186	109.027	6
7	Gross private domestic investment	76.327	80.284	88.127	87.241	87.394	88.793	89.079	91.690	7
8	Fixed investment	75.326	80.311	87.313	85.785	86.724	86.923	89.820	90.725	8
9	Nonresidential	94.148	102.288	110.431	109.108	110.065	109.557	112.996	113.580	9
10	Structures	88.308	90.733	100.506	99.421	99.560	99.558	103.484	103.419	10
11	Equipment and software	96.822	107.473	114.890	113.460	114.790	114.049	117.262	118.143	11
12	Residential.....	42.862	42.268	47.371	45.433	46.364	47.855	49.832	51.332	12
13	Change in private inventories.....									13
14	Exports of goods and services	127.623	136.152	140.785	139.356	141.152	141.824	140.808	141.814	14
15	Imports of goods and services	102.832	107.746	110.369	110.179	110.936	110.766	109.593	111.033	15
16	Government consumption expenditures and gross investment	109.955	106.497	104.692	104.804	104.622	105.620	103.721	102.644	16
17	Federal	122.883	119.480	116.869	116.751	116.685	119.359	114.679	112.196	17
18	State and local	102.711	99.224	97.865	98.103	97.858	97.932	97.565	97.264	18
	Addenda:									
19	Final sales of domestic product.....	103.478	105.506	107.686	106.897	107.356	107.988	108.503	108.898	19
20	Gross domestic purchases.....	100.954	102.646	104.796	104.261	104.517	105.197	105.209	105.968	20
21	Final sales to domestic purchasers.....	100.932	102.771	104.780	104.150	104.523	105.023	105.422	105.923	21
22	Gross national product.....	104.193	106.304	108.520	107.655	108.204	108.984	109.237		22

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

Table 6. Price Indexes for Gross Domestic Product

[Index numbers, 2005=100]

Line		2010	2011	2012	Seasonally adjusted					Line
					2012				2013	
					I	II	III	IV	I	
1	Gross domestic product	111.002	113.369	115.388	114.608	115.050	115.807	116.085	116.423	1
2	Personal consumption expenditures (PCE)	111.087	113.790	115.790	115.300	115.496	115.952	116.412	116.675	2
3	Goods.....	104.852	108.822	110.203	110.256	109.743	110.261	110.550	110.297	3
4	Durable goods	91.611	90.799	89.576	90.157	89.888	89.358	88.900	88.660	4
5	Nondurable goods	112.622	119.430	122.427	122.136	121.472	122.659	123.439	123.181	5
6	Services	114.418	116.435	118.779	117.989	118.576	118.997	119.553	120.105	6
7	Gross private domestic investment	104.854	106.439	107.747	107.292	107.647	107.818	108.231	108.624	7
8	Fixed investment	105.023	106.680	108.175	107.661	107.977	108.324	108.739	109.154	8
9	Nonresidential	105.514	107.359	108.993	108.562	108.878	109.104	109.428	109.601	9
10	Structures	121.158	126.850	131.222	130.167	131.198	131.540	131.982	132.487	10
11	Equipment and software	99.806	100.445	101.236	101.001	101.094	101.282	101.567	101.636	11
12	Residential.....	102.520	103.406	104.288	103.439	103.754	104.593	105.364	106.719	12
13	Change in private inventories.....									13
14	Exports of goods and services	110.738	117.860	118.871	118.652	118.802	118.792	119.237	119.680	14
15	Imports of goods and services	112.989	121.851	122.618	124.156	122.942	120.907	122.465	122.810	15
16	Government consumption expenditures and gross investment	117.334	121.233	123.443	122.979	123.157	123.574	124.063	124.582	16
17	Federal	113.583	116.721	118.565	118.038	118.403	118.679	119.141	119.852	17
18	State and local	119.579	124.001	126.462	126.042	126.089	126.605	127.110	127.497	18
	Addenda:									
19	PCE excluding food and energy ¹	110.214	111.802	113.711	113.122	113.603	113.912	114.208	114.546	19
20	Market-based PCE ²	110.820	113.641	115.741	115.231	115.407	115.944	116.381	116.722	20
21	Market-based PCE excluding food and energy ²	109.760	111.311	113.321	112.693	113.196	113.576	113.819	114.259	21
22	Final sales of domestic product.....	110.993	113.371	115.417	114.628	115.065	115.849	116.126	116.467	22
23	Gross domestic purchases.....	111.421	114.208	116.154	115.674	115.888	116.298	116.758	117.084	23
24	Final sales to domestic purchasers.....	111.420	114.219	116.192	115.703	115.911	116.346	116.806	117.134	24
25	Gross national product.....	110.986	113.363	115.387	114.609	115.050	115.804	116.086		25
	Implicit price deflators:									
26	Gross domestic product	110.993	113.359	115.387	114.599	115.035	115.810	116.089	116.437	26
27	Final sales of domestic product.....	110.993	113.371	115.417	114.624	115.061	115.845	116.122	116.463	27
28	Gross domestic purchases.....	111.412	114.198	116.152	115.665	115.873	116.301	116.762	117.097	28
29	Final sales to domestic purchasers	111.420	114.219	116.189	115.699	115.907	116.342	116.802	117.130	29
30	Gross national product.....	110.977	113.353	115.387	114.600	115.035	115.807	116.090		30

1. Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

2. This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households. Percentage changes for these series are included in the addenda to table 8 and appendix table A.

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

Table 7. Real Gross Domestic Product: Percent Change From Preceding Year

Line		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Line
1	Gross domestic product (GDP)	4.5	4.4	4.8	4.1	1.1	1.8	2.5	3.5	3.1	2.7	1.9	-0.3	-3.1	2.4	1.8	2.2	1
2	Personal consumption expenditures	3.7	5.2	5.5	5.1	2.7	2.7	2.8	3.3	3.4	2.9	2.3	-0.6	-1.9	1.8	2.5	1.9	2
3	Goods.....	4.8	6.8	8.0	5.3	3.1	4.1	4.6	4.5	4.2	3.3	3.0	-2.5	-3.0	3.6	3.8	3.1	3
4	Durable goods	8.2	12.2	13.0	8.8	5.4	7.6	6.6	7.3	5.9	4.5	5.0	-4.9	-5.4	6.2	7.2	7.8	4
5	Nondurable goods	2.9	3.8	5.1	3.2	1.8	2.0	3.4	2.8	3.2	2.6	1.9	-1.2	-1.8	2.3	2.3	0.9	5
6	Services	3.1	4.4	4.1	5.0	2.5	1.9	1.9	2.7	3.0	2.6	1.9	0.4	-1.4	1.0	1.9	1.2	6
7	Gross private domestic investment	12.4	10.0	8.8	6.8	-7.0	-1.4	3.9	10.1	5.5	2.7	-3.2	-10.2	-24.8	13.7	5.2	9.8	7
8	Fixed investment	9.2	10.9	9.3	7.4	-1.9	-4.2	3.5	7.4	6.5	2.4	-1.9	-7.1	-19.0	-0.2	6.6	8.7	8
9	Nonresidential	12.1	12.0	10.4	9.8	-2.8	-7.9	1.4	6.2	6.7	8.0	6.5	-0.8	-18.1	0.7	8.6	8.0	9
10	Structures	7.3	5.1	0.1	7.8	-1.5	-17.7	-3.8	1.1	1.4	9.2	14.1	6.4	-21.1	-15.6	2.7	10.8	10
11	Equipment and software	13.8	14.5	14.1	10.5	-3.2	-4.2	3.1	7.9	8.5	7.6	3.3	-4.3	-16.4	8.9	11.0	6.9	11
12	Residential.....	1.9	7.7	6.3	1.0	0.6	5.2	8.2	9.8	6.2	-7.3	-18.7	-23.9	-22.4	-3.7	-1.4	12.1	12
13	Change in private inventories.....																	13
14	Net exports of goods and services																	14
15	Exports.....	11.9	2.3	4.4	8.6	-5.6	-2.0	1.6	9.5	6.7	9.0	9.3	6.1	-9.1	11.1	6.7	3.4	15
16	Goods.....	14.4	2.2	3.8	11.1	-6.2	-3.6	1.8	8.5	7.5	9.4	9.7	6.3	-12.0	14.3	7.2	4.2	16
17	Services	5.9	2.4	5.7	2.7	-4.1	1.9	1.2	11.9	5.0	7.9	8.3	5.6	-2.6	4.7	5.6	1.5	17
18	Imports.....	13.5	11.7	11.5	13.0	-2.8	3.4	4.4	11.1	6.1	6.1	2.4	-2.7	-13.5	12.5	4.8	2.4	18
19	Goods.....	14.4	11.8	12.5	13.4	-3.2	3.7	4.9	11.1	6.8	5.9	2.6	-3.8	-15.6	14.9	5.2	2.1	19
20	Services	8.7	10.9	6.8	11.0	-0.8	1.8	1.9	11.2	2.8	7.1	1.4	3.6	-3.3	2.5	2.8	4.2	20
21	Government consumption expenditures and gross investment	1.9	2.1	3.6	2.0	3.8	4.7	2.2	1.4	0.3	1.4	1.3	2.6	3.7	0.6	-3.1	-1.7	21
22	Federal	-1.0	-1.1	1.9	0.5	4.1	7.3	6.6	4.1	1.3	2.1	1.2	7.2	6.1	4.5	-2.8	-2.2	22
23	National defense	-2.8	-2.1	1.9	-0.5	3.8	7.4	8.7	5.7	1.5	1.6	2.2	7.5	6.0	3.0	-2.6	-3.1	23
24	Nondefense	2.7	0.8	2.1	2.4	4.6	7.2	2.8	1.0	0.9	3.2	-0.8	6.5	6.5	7.7	-3.1	-0.3	24
25	State and local	3.6	3.9	4.5	2.8	3.7	3.3	-0.1	-0.2	-0.2	0.9	1.4	0.0	2.2	-1.8	-3.4	-1.4	25
	Addenda:																	
26	Final sales of domestic product.....	3.9	4.4	4.9	4.2	2.0	1.3	2.5	3.1	3.2	2.6	2.2	0.2	-2.3	0.9	2.0	2.1	26
27	Gross domestic purchases.....	4.7	5.5	5.7	4.8	1.2	2.4	2.9	3.9	3.2	2.6	1.2	-1.5	-4.0	2.8	1.7	2.1	27
28	Final sales to domestic purchasers.....	4.2	5.6	5.8	4.9	2.1	1.9	2.8	3.5	3.3	2.5	1.4	-1.0	-3.3	1.3	1.8	2.0	28
29	Gross national product	4.3	4.3	4.9	4.2	1.2	1.8	2.7	3.6	3.1	2.4	2.3	0.0	-3.2	2.8	2.0	2.1	29
30	Real disposable personal income	3.5	6.0	3.0	5.1	2.4	3.3	2.5	3.4	1.4	4.0	2.4	2.4	-2.8	1.8	1.3	1.5	30
	Price indexes:																	
31	Gross domestic purchases.....	1.5	0.7	1.6	2.5	1.9	1.4	2.3	3.0	3.7	3.4	2.9	3.2	-0.2	1.6	2.5	1.7	31
32	Gross domestic purchases excluding food and energy ¹	1.5	1.0	1.5	2.0	1.8	1.7	2.0	2.7	3.3	3.1	2.7	2.6	0.6	1.4	1.9	1.7	32
33	GDP.....	1.8	1.1	1.5	2.2	2.3	1.6	2.1	2.8	3.3	3.2	2.9	2.2	0.9	1.3	2.1	1.8	33
34	GDP excluding food and energy ¹	1.8	1.2	1.6	2.2	2.0	1.8	2.0	2.8	3.5	3.3	2.8	2.4	0.7	1.6	2.0	1.7	34
35	Personal consumption expenditures.....	1.9	1.0	1.6	2.5	1.9	1.4	2.0	2.6	3.0	2.7	2.7	3.3	0.1	1.9	2.4	1.8	35

1. Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

Table 8. Real Gross Domestic Product: Percent Change From Quarter One Year Ago

Line		2009			2010				2011				2012				2013	Line
		II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
1	Gross domestic product (GDP)	-4.6	-3.3	-0.1	1.9	2.5	2.8	2.4	1.8	1.9	1.6	2.0	2.4	2.1	2.6	1.7	1.8	1
2	Personal consumption expenditures (PCE)	-3.1	-1.6	-0.3	0.7	1.8	1.9	2.9	3.1	2.7	2.5	1.9	1.8	1.9	1.9	1.8	2.0	2
3	Goods.....	-5.7	-2.0	1.2	2.5	3.9	2.9	5.0	5.1	4.0	3.4	2.8	2.6	2.9	3.5	3.2	2.9	3
4	Durable goods.....	-10.2	-2.8	3.0	4.1	7.3	4.1	9.5	10.0	6.7	6.2	5.9	6.9	7.5	8.4	8.3	7.5	4
5	Nondurable goods.....	-3.4	-1.7	0.4	1.7	2.3	2.4	3.0	2.9	2.7	2.1	1.4	0.7	0.9	1.3	0.9	0.7	5
6	Services.....	-1.8	-1.4	-1.1	-0.2	0.8	1.4	1.9	2.1	2.0	2.0	1.5	1.3	1.4	1.1	1.1	1.6	6
7	Gross private domestic investment	-30.8	-27.9	-12.8	5.0	17.5	22.6	10.7	4.4	3.9	1.5	10.9	14.1	10.9	11.1	3.6	5.1	7
8	Fixed investment.....	-21.8	-19.9	-15.2	-7.4	0.8	1.4	4.9	4.8	4.3	8.4	9.0	11.9	9.9	6.2	7.2	5.8	8
9	Nonresidential.....	-20.1	-19.7	-15.7	-7.7	-0.3	3.7	7.7	6.8	7.4	10.1	10.2	12.5	9.7	4.6	5.4	4.1	9
10	Structures.....	-19.9	-25.2	-29.4	-27.5	-17.9	-11.7	-1.8	-3.5	0.9	6.4	6.9	19.7	11.2	6.1	7.3	4.0	10
11	Equipment and software.....	-20.2	-16.7	-7.8	3.6	9.0	11.1	11.9	11.0	10.0	11.5	11.4	10.0	9.2	4.0	4.7	4.1	11
12	Residential.....	-27.9	-20.7	-13.3	-6.3	5.0	-7.2	-5.7	-3.2	-7.1	1.4	3.9	9.3	10.4	13.6	14.9	13.0	12
13	Change in private inventories.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
14	Net exports of goods and services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
15	Exports.....	-14.1	-10.5	0.3	10.7	13.1	12.1	8.8	8.7	7.4	6.5	4.3	4.0	4.3	3.2	2.1	1.8	15
16	Goods.....	-18.2	-13.7	-0.1	14.0	18.1	15.0	10.5	9.4	7.4	6.7	5.4	5.0	5.8	4.5	1.7	1.5	16
17	Services.....	-4.5	-2.9	1.2	4.1	3.4	6.1	5.1	7.2	7.3	6.1	1.8	1.7	0.7	0.2	3.2	2.3	17
18	Imports.....	-18.5	-13.7	-6.1	6.7	16.7	15.9	10.9	9.3	4.4	2.2	3.5	3.2	3.9	2.5	0.2	0.8	18
19	Goods.....	-21.6	-15.7	-6.5	8.2	20.3	18.6	12.7	10.9	4.8	2.1	3.4	2.6	3.5	2.4	-0.1	0.7	19
20	Services.....	-2.6	-3.8	-4.5	0.7	2.2	4.6	2.7	1.9	2.7	2.9	3.8	6.2	5.7	3.0	1.9	1.2	20
21	Government consumption expenditures and gross investment	4.3	4.1	4.0	2.7	1.1	0.1	-1.3	-2.3	-3.2	-3.8	-3.3	-2.2	-2.2	-0.5	-1.8	-2.1	21
22	Federal.....	7.6	6.3	5.1	6.1	5.1	4.5	2.3	-0.6	-2.2	-4.1	-4.2	-2.6	-3.3	0.0	-2.8	-3.9	22
23	National defense.....	8.3	5.9	4.1	5.1	3.0	2.9	1.0	-1.9	-1.7	-2.8	-4.0	-2.0	-4.0	-1.6	-5.0	-6.1	23
24	Nondefense.....	6.3	7.3	7.2	8.2	9.6	7.8	5.2	2.2	-3.1	-6.9	-4.6	-3.8	-2.0	3.6	1.5	0.5	24
25	State and local.....	2.3	2.8	3.3	0.7	-1.4	-2.7	-3.6	-3.4	-3.8	-3.6	-2.7	-2.0	-1.5	-0.9	-1.1	-0.9	25
	Addenda:																	
26	Final sales of domestic product.....	-3.3	-2.2	-0.5	0.3	0.7	0.6	1.7	1.9	1.9	2.4	1.7	2.2	2.0	2.0	2.1	1.9	26
27	Gross domestic purchases.....	-5.7	-4.1	-1.1	1.6	3.3	3.6	2.9	2.1	1.6	1.1	1.9	2.4	2.1	2.5	1.4	1.6	27
28	Final sales to domestic purchasers.....	-4.4	-3.1	-1.5	0.1	1.5	1.5	2.3	2.2	1.6	1.8	1.7	2.1	2.0	1.9	1.8	1.7	28
29	Gross national product.....	-5.0	-3.5	0.3	2.4	3.2	3.1	2.6	2.1	2.0	1.8	2.2	2.2	2.1	2.4	1.6	.....	29
30	Real disposable personal income.....	-3.6	-2.9	-3.0	-0.5	1.2	3.1	3.5	3.2	1.2	0.6	0.3	0.2	1.1	1.6	3.2	0.9	30
	Price indexes:																	
31	Gross domestic purchases.....	-0.6	-1.1	0.5	1.6	1.7	1.6	1.6	2.0	2.7	2.9	2.5	2.3	1.6	1.4	1.6	1.2	31
32	Gross domestic purchases excluding food and energy ¹	0.6	0.1	0.6	1.2	1.4	1.5	1.4	1.5	1.9	2.1	2.0	2.0	1.7	1.5	1.5	1.3	32
33	GDP.....	1.0	0.3	0.5	0.6	1.3	1.6	1.8	2.0	2.2	2.4	2.0	2.0	1.7	1.6	1.8	1.6	33
34	GDP excluding food and energy ¹	0.6	0.1	0.8	1.3	1.6	1.7	1.6	1.7	2.0	2.2	2.0	2.0	1.7	1.5	1.6	1.4	34
35	PCE.....	-0.5	-0.8	1.4	2.4	2.1	1.7	1.5	1.8	2.6	2.8	2.5	2.4	1.6	1.5	1.6	1.2	35
36	PCE excluding food and energy ¹	1.3	1.2	1.6	1.8	1.7	1.6	1.2	1.1	1.3	1.6	1.7	1.9	1.8	1.6	1.5	1.3	36
37	Market-based PCE ²	-0.2	-0.7	1.4	2.1	1.6	1.2	1.1	1.7	2.7	3.0	2.8	2.5	1.7	1.5	1.6	1.3	37
38	Market-based PCE excluding food and energy ²	2.1	1.7	1.7	1.4	1.0	1.0	0.7	0.9	1.3	1.6	1.9	2.0	1.9	1.7	1.6	1.4	38

1. Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

2. This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Table 9. Relation of Gross Domestic Product, Gross National Product, and National Income

[Billions of dollars]

Line		2010	2011	2012	Seasonally adjusted at annual rates					Line
					2012				2013	
					I	II	III	IV	I	
1	Gross domestic product	14,498.9	15,075.7	15,684.8	15,478.3	15,585.6	15,811.0	15,864.1	16,010.2	1
2	Plus: Income receipts from the rest of the world.....	716.5	783.7	782.3	769.6	775.1	775.8	808.5	.....	2
3	Less: Income payments to the rest of the world	507.2	531.8	539.3	554.7	527.8	532.7	541.8	.....	3
4	Equals: Gross national product	14,708.2	15,327.5	15,927.8	15,693.2	15,832.9	16,054.2	16,130.8	.....	4
5	Less: Consumption of fixed capital	1,873.4	1,936.8	2,011.7	1,984.9	2,004.8	2,019.8	2,037.4	2,060.5	5
6	Less: Statistical discrepancy.....	23.3	31.9	67.2	1.1	77.7	138.5	51.7	.....	6
7	Equals: National income	12,811.4	13,358.9	13,848.8	13,707.2	13,750.5	13,895.9	14,041.7	.....	7
8	Compensation of employees.....	7,970.0	8,295.2	8,565.8	8,495.7	8,527.7	8,577.6	8,662.1	8,734.2	8
9	Wage and salary accruals	6,404.6	6,661.3	6,880.7	6,825.9	6,849.2	6,888.5	6,959.3	7,013.5	9
10	Supplements to wages and salaries.....	1,565.4	1,633.9	1,685.1	1,669.8	1,678.5	1,689.1	1,702.8	1,720.7	10
11	Proprietors' income with inventory valuation and capital consumption adjustments.....	1,103.4	1,157.3	1,202.3	1,184.3	1,194.9	1,205.4	1,224.7	1,258.1	11
12	Rental income of persons with capital consumption adjustment.....	349.2	409.7	462.6	445.3	452.8	471.0	481.5	499.5	12
13	Corporate profits with inventory valuation and capital consumption adjustments	1,702.4	1,827.0	1,950.6	1,900.1	1,921.9	1,967.6	2,013.0	.....	13
14	Net interest and miscellaneous payments	567.9	527.4	504.3	515.6	489.5	518.2	493.8	537.0	14
15	Taxes on production and imports less subsidies.....	998.0	1,036.2	1,069.2	1,067.7	1,069.8	1,067.8	1,071.3	1,082.6	15
16	Business current transfer payments (net)	140.0	132.6	128.0	130.5	127.9	123.8	129.7	147.2	16
17	Current surplus of government enterprises	-19.5	-26.5	-34.0	-32.0	-34.1	-35.5	-34.5	-39.9	17
	Addendum:									
18	Gross domestic income.....	14,475.6	15,043.8	15,617.5	15,477.1	15,507.9	15,672.6	15,812.5	.....	18

Table 10. Personal Income and Its Disposition

[Billions of dollars]

Line		2010	2011	2012	Seasonally adjusted at annual rates					Line
					2012				2013	
					I	II	III	IV	I	
1	Personal income ¹	12,321.9	12,947.3	13,407.2	13,227.1	13,327.0	13,406.2	13,668.5	13,559.4	1
2	Compensation of employees, received	7,970.0	8,295.2	8,565.8	8,495.7	8,527.7	8,577.6	8,662.1	8,734.2	2
3	Wage and salary disbursements	6,404.6	6,661.3	6,880.7	6,825.9	6,849.2	6,888.5	6,959.3	7,013.5	3
4	Supplements to wages and salaries.....	1,565.4	1,633.9	1,685.1	1,669.8	1,678.5	1,689.1	1,702.8	1,720.7	4
5	Proprietors' income with inventory valuation and capital consumption adjustments.....	1,103.4	1,157.3	1,202.3	1,184.3	1,194.9	1,205.4	1,224.7	1,258.1	5
6	Farm	44.3	54.6	56.2	52.3	52.5	59.4	60.7	72.3	6
7	Nonfarm.....	1,059.1	1,102.8	1,146.1	1,132.1	1,142.4	1,146.0	1,164.0	1,185.8	7
8	Rental income of persons with capital consumption adjustment.....	349.2	409.7	462.6	445.3	452.8	471.0	481.5	499.5	8
9	Personal income receipts on assets.....	1,598.3	1,685.1	1,749.7	1,696.4	1,730.8	1,712.8	1,858.7	1,733.3	9
10	Personal interest income	1,016.6	1,008.8	992.6	991.8	1,006.1	975.3	997.2	993.5	10
11	Personal dividend income	581.7	676.3	757.0	704.6	724.6	737.5	861.5	739.8	11
12	Personal current transfer receipts	2,284.3	2,319.2	2,375.1	2,348.0	2,365.2	2,388.0	2,399.2	2,431.3	12
13	Less: Contributions for government social insurance, domestic	983.3	919.3	948.3	942.6	944.4	948.7	957.6	1,097.1	13
14	Less: Personal current taxes.....	1,194.8	1,398.0	1,475.8	1,450.8	1,465.2	1,476.5	1,510.8	1,538.0	14
15	Equals: Disposable personal income	11,127.1	11,549.3	11,931.4	11,776.4	11,861.8	11,929.7	12,157.7	12,021.4	15
16	Less: Personal outlays	10,560.4	11,059.9	11,460.3	11,348.7	11,406.1	11,494.7	11,591.7	11,708.0	16
17	Equals: Personal saving	566.7	489.4	471.1	427.7	455.7	435.1	566.0	313.3	17
18	Personal saving as a percentage of disposable personal income.....	5.1	4.2	3.9	3.6	3.8	3.6	4.7	2.6	18
	Addenda:									
19	Personal income excluding current transfer receipts, billions of chained (2005) dollars ²	9,035.8	9,340.0	9,527.8	9,435.7	9,491.3	9,502.6	9,680.8	9,537.9	19
20	Disposable personal income, billions of chained (2005) dollars ²	10,016.5	10,149.7	10,304.4	10,213.9	10,270.6	10,288.8	10,444.0	10,303.6	20

1. Personal income is also equal to national income less corporate profits with inventory valuation and capital consumption adjustments, taxes on production and imports less subsidies, contributions for government social insurance, net interest and miscellaneous payments, business current transfer payments (net), current surplus of government enterprises, and wage accruals less disbursements, plus personal income receipts on assets, and personal current transfer receipts.

2. The current-dollar measure is deflated by the implicit price deflator for personal consumption expenditures.

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

Line		2010	2011	2012	Seasonally adjusted at annual rates															2013	Line
					2009			2010				2011				2012					
					II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			I
Gross domestic product (GDP) and related aggregates:																					
1	GDP	2.4	1.8	2.2	-0.3	1.4	4.0	2.3	2.2	2.6	2.4	0.1	2.5	1.3	4.1	2.0	1.3	3.1	0.4	2.5	1
2	Goods.....	9.1	5.1	5.4	1.2	6.2	18.6	14.1	-1.1	10.2	5.9	3.8	3.4	2.1	16.1	3.9	1.3	6.1	1.4	4.9	2
3	Services	1.1	0.9	0.5	1.8	0.7	1.3	0.1	2.0	1.2	1.4	0.5	1.5	0.5	-1.0	0.6	1.2	1.7	-1.3	1.4	3
4	Structures.....	-8.3	-2.7	6.0	-19.6	-7.1	-16.9	-16.0	18.3	-11.2	-1.4	-17.4	9.1	5.5	7.2	7.4	1.7	3.9	12.1	2.8	4
5	Motor vehicle output	27.5	11.0	12.4	26.5	121.1	-17.7	26.1	23.2	15.4	-12.9	37.8	2.1	1.5	24.0	30.9	7.3	-8.6	6.8	9.1	5
6	GDP excluding motor vehicle output	1.9	1.6	1.9	-0.7	0.0	3.8	1.9	1.8	2.3	2.8	-0.7	2.5	1.3	3.6	1.3	1.1	3.5	0.2	2.3	6
7	Final sales of computers ¹	-13.8	35.3	11.8	-14.0	-39.1	-37.2	1.3	-28.0	34.6	72.6	47.2	21.0	31.5	31.1	4.5	-19.9	29.5	26.5	-1.9	7
8	GDP excluding final sales of computers	2.5	1.7	2.2	-0.2	1.7	4.2	2.3	2.4	2.5	2.2	-0.1	2.4	1.2	4.0	1.9	1.4	3.0	0.3	2.5	8
9	Farm gross value added ²	-5.0	-17.7	-4.4	23.8	53.3	-20.5	-16.0	13.0	-23.0	-28.9	-23.6	-28.0	11.4	18.8	3.5	-10.3	-31.8	-17.8	100.6	9
10	Nonfarm business gross value added ³	3.1	2.6	3.1	-2.5	0.3	5.2	3.3	2.8	5.1	3.9	-0.1	3.4	1.6	5.3	2.7	2.1	4.7	0.7	2.5	10
11	Gross domestic income ⁴	3.1	1.8	2.0	-2.5	0.7	5.0	5.6	1.6	3.8	1.1	2.6	0.4	-0.2	4.5	3.8	-0.7	1.6	2.6	.....	11
Price indexes:																					
12	GDP	1.3	2.1	1.8	-0.8	0.5	1.3	1.5	1.7	2.0	2.1	2.0	2.6	3.0	0.4	2.0	1.6	2.7	1.0	1.2	12
13	GDP excluding food and energy ⁵	1.6	2.0	1.7	0.2	1.0	2.0	2.0	1.4	1.3	1.7	2.3	2.6	2.1	0.9	2.6	1.4	1.3	1.3	1.5	13
14	GDP excluding final sales of computers	1.4	2.2	1.8	-0.7	0.7	1.3	1.6	1.7	2.1	2.2	2.1	2.6	3.0	0.4	2.0	1.6	2.7	1.0	1.2	14
15	Gross domestic purchases.....	1.6	2.5	1.7	0.2	1.7	2.4	2.1	0.7	1.4	2.5	3.4	3.5	2.3	0.9	2.5	0.7	1.4	1.6	1.1	15
16	Gross domestic purchases excluding food and energy ⁵	1.4	1.9	1.7	0.3	0.7	1.9	1.8	1.2	1.2	1.5	2.2	2.7	2.0	1.0	2.4	1.4	1.2	1.2	1.3	16
17	Gross domestic purchases excluding final sales of computers to domestic purchasers	1.7	2.6	1.8	0.3	1.9	2.4	2.1	0.7	1.4	2.5	3.5	3.6	2.4	0.9	2.6	0.8	1.5	1.7	1.2	17
18	Personal consumption expenditures (PCE)	1.9	2.4	1.8	1.6	3.1	3.1	1.8	0.6	1.3	2.2	3.2	3.6	2.3	1.1	2.5	0.7	1.6	1.6	0.9	18
19	PCE excluding food and energy ⁵	1.5	1.4	1.7	1.7	1.5	2.4	1.5	1.4	1.0	0.8	1.3	2.3	1.9	1.3	2.2	1.7	1.1	1.0	1.2	19
20	Market-based PCE ⁶	1.5	2.5	1.8	2.0	2.9	2.4	1.2	0.0	1.2	2.1	3.6	3.8	2.6	1.2	2.5	0.6	1.9	1.5	1.2	20
21	Market-based PCE excluding food and energy ⁶	1.0	1.4	1.8	2.1	1.1	1.6	0.7	0.8	0.8	0.5	1.5	2.3	2.1	1.5	2.2	1.8	1.3	0.9	1.6	21

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 value added of farm, of households and institutions, and of general government.

4. Gross domestic income deflated by the implicit price deflator for gross domestic product.

5. Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

6. This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

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

Explanatory Note: NIPA Measures of Quantities and Prices

Current-dollar GDP is a measure of the market value of goods, services, and structures produced in the economy in a particular period. Changes in current-dollar GDP 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 2005 -- equal to 100.

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 2007-08 annual percent change in real GDP uses prices for 2007 and 2008 as weights, and the 2007-08 annual percent change in GDP prices uses quantities for 2007 and 2008 as weights. These annual changes are "chained" (multiplied) together to form time series of quantity and price indexes. Percent changes in Fisher indexes are not affected by the choice of reference year. (BEA also publishes a measure of the price level known as the implicit price deflator (IPD), which is calculated as the ratio of the 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.)

Index numbers of quantity and price indexes for GDP and its major components are presented in this release in tables 5 and 6. Percent changes from the preceding period are presented in tables 1, 4, 7, 8, and appendix table A. Contributions by major components to the percent change in real GDP are presented in table 2.

Measures of real GDP and its major components are also presented in dollar-denominated form, designated "chained (2005) dollar estimates." For most series, these estimates, which are presented in table 3, are computed by multiplying the current-dollar value in 2005 by a corresponding quantity index number and then dividing by 100. For example, if a current-dollar GDP component equaled \$100 in 2005 and if real output for this component increased 10 percent in 2006, then the chained (2005) dollar value of this component in 2006 would be \$110 ($= \$100 \times 110 / 100$). Percent changes calculated from chained-dollar estimates and from chain-type quantity indexes are the same; any differences will be small and due to rounding.

Chained-dollar values for the detailed GDP components will not necessarily sum to the chained-dollar estimate of GDP (or to any intermediate aggregate). This is because the relative prices used as weights for any period other than the reference year differ from those of the reference year. A measure of the extent of such differences is provided by a "residual" line, which indicates the difference between GDP (or other 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, the residuals tend to be small, and the chained-dollar estimates can be used to approximate the contributions to growth and to aggregate the detailed estimates. For periods further from the reference year, the residuals tend to be larger, and the chained-dollar estimates are 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.

Reference "Chained-Dollar Indexes: Issues, Tips on Their Use, and Upcoming Changes," November 2003 *Survey*, pp. 8-16.