

Director's Message

Taking Account

A look at foreign direct investment and domestic economic activity.

Articles

GDP and the Economy: Advance Estimates for the Third Quarter of 2016

Real GDP increased 2.9 percent after increasing 1.4 percent in the second quarter. The third-quarter increase reflected positive contributions from consumer spending, exports, federal government spending, and business investment.

Updated Summary of NIPA Methodologies

The data and methods used to prepare current-dollar and real gross domestic product and current-dollar gross domestic income, reflecting the 2016 annual NIPA update.

2016 annual NIPA update (page not found)

Personal Consumption Expenditures by State: New Statistics for 2015 and Revised Statistics for 2008–2014

Growth in PCE by state in 2015 ranged from 1.5 percent in Wyoming to 5.0 percent in Florida. Average PCE growth across all states was 3.6 percent.

Upcoming in the December Survey...

Returns for Domestic Nonfinancial Business. Aggregate rates of return for nonfinancial corporations, industries, and selected industry groups and Q ratios.

Industry Economic Accounts. New statistics for the second quarter of 2016 and updated statistics for 2013–2015 and the first quarter of 2016.

Activities of U.S. Multinational Enterprises. A look at the value added, employment, and capital expenditures of these enterprises in 2014.

U.S. International Services. Statistics on cross-border trade in services for 2015 and services supplied through direct investment by affiliates of multinational enterprises for 2014.

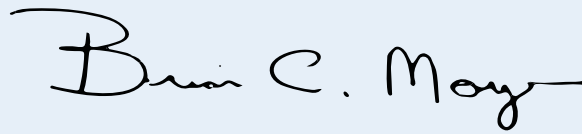
Local Area Personal Income. New statistics for 2015 and revised statistics for 1998–2014 for counties and metropolitan areas.

Director's Message

This month, we take a closer look at our personal consumption expenditures (PCE) by state statistics for 2015. These statistics provide a comprehensive measure of household consumption at the state level and thus a general indication of the economic well-being of households. In 2015, current-dollar PCE increased in all states and the District of Columbia. Growth ranged from 1.5 percent in Wyoming to 5.0 percent in Florida. The average growth nationwide was 3.6 percent.

In this month's *Taking Account*, we take a look at recent research that explores how the foreign direct investment activities of U.S. multinational manufacturers are related to the composition of their domestic employment. In an increasingly global economy, the issue has taken on added importance.

In addition, we present our annual guide to the methodologies and source data for the national income and product accounts, a valuable resource for all users of the statistics. In a separate article, the advance estimates for the third quarter of 2016 are discussed.

A handwritten signature in black ink that reads "Brian C. Moyer". The signature is fluid and cursive, with a long horizontal stroke at the end.

Brian C. Moyer
Director, Bureau of Economic Analysis

Taking Account...

A look at FDI and domestic economic activity

As U.S. firms become more globally engaged, policymakers and researchers have been greatly interested in the domestic impact of their overseas activities. In particular, questions remain as to how foreign direct investment (FDI) relates to labor demand, wages, and the job polarization phenomenon recently seen in the United States.

While U.S.-based multinationals comprise less than 1 percent of all companies in the United States, their value added was 20.4 percent of gross domestic product, and they employed 18.6 percent of the domestic workforce in 2004. Thus, it is important to understand how the global activities of these large and important companies are related to their domestic operations.

In a recent working paper, economists Alexis Grimm of the Bureau of Economic Analysis and Mina Kim of the Bureau of Labor Statistics use a dataset in which the foreign activities of U.S. multinational entities are linked to their domestic employment characteristics.

Specifically, for each firm, the data provide information on its foreign operations as well as on the number of domestic employees in each occupation and the wage distributions within each occupation. With this rich trove of information, the authors shed new light on the domestic employment charac-

teristics of these multinationals, documenting how firms that engage in more of a particular type of FDI employ more of a particular type of labor task domestically.

The paper finds that in firms with more expansive global scope, foreign and domestic labor are complements.

This result is based on a firm-level index of global scope that not only takes into account the level of FDI, but also the location of FDI; more weight is given to FDI in countries that are further away in income.

Of particular interest is the demand for tradeable tasks. For firms with global scope in the 75th percentile, a 1 percent fall in the price of foreign labor is accompanied by an increase in the demand for domestic automated/routine tasks that is 4.6 times larger than that for the median firm. On the other hand, the difference in demand for domestic information content-related tasks is smaller; a 1 percent fall in the price of foreign labor is accompanied by an increase in demand that is 2.6 times larger than that for the median firm.

For firms with limited global scope, foreign labor and domestic automated/routine tasks may be substitutes, depending on the amount and type of offshoring in which these firms engage.

The paper examines specific parent-foreign affiliate relationships based on the type and location of intrafirm trade, finding that more intrafirm trade with

high-income countries is positively correlated with domestic employment in tradeable tasks.

However, for firms that export a significant amount of goods to foreign affiliates for further processing, higher foreign employment in low-income countries is accompanied by lower domestic employment for automated/routine tasks. For firms importing a significant amount of goods from their foreign affiliates, demand for foreign labor in low-income countries appears to be complementary to domestic demand for automated/routine tasks and tradeable tasks in general.

Together, these new insights suggest that the domestic impact of FDI depends on the relative allocation of FDI across the different types and locations. The paper's results are consistent with the notion that multinational manufacturers adjust the composition of their domestic labor force in ways that are related to the composition of their FDI activity. However, firms that appear to substitute foreign labor in low-income countries for domestic automated/routine tasks play a small role in the global economy, accounting for just 1 percent of sales in the paper's sample. Domestically, these firms tend to employ fewer workers in innovation-related occupations.

(This item was prepared by SURVEY OF CURRENT BUSINESS staff in conjunction with the authors, using the language of the paper.)

GDP and the Economy

Advance Estimates for the Third Quarter of 2016

REAL GROSS domestic product (GDP) increased 2.9 percent at an annual rate in the third quarter of 2016, according to the advance estimates of the national income and product accounts (chart 1 and table 1).¹ In the second quarter, real GDP increased 1.4 percent.

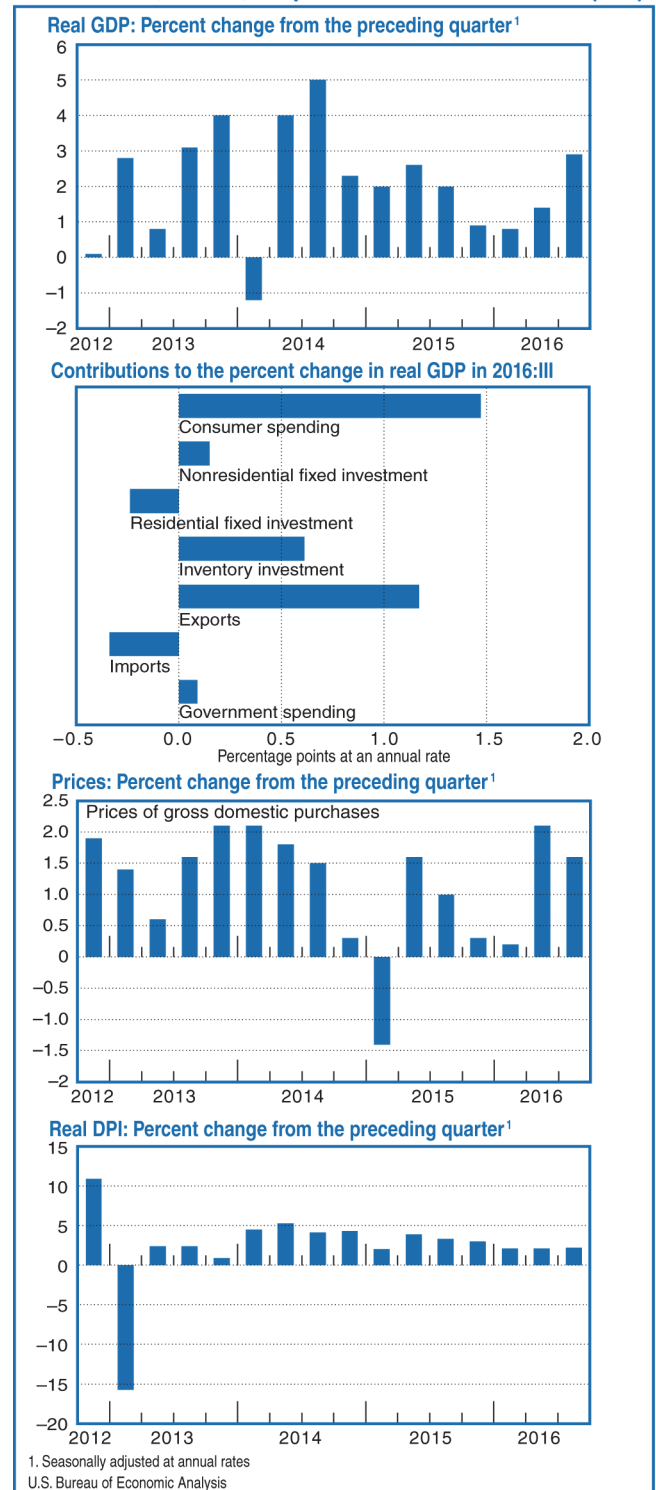
The increase in real GDP in the third quarter reflected positive contributions from consumer spending, exports, inventory investment, federal government spending, and nonresidential fixed investment that were partly offset by negative contributions from residential fixed investment and state and local government spending. Imports, which are a subtraction in the calculation of GDP, increased.²

- Prices of goods and services purchased by U.S. residents increased 1.6 percent in the third quarter of 2016 after increasing 2.1 percent in the second quarter. Energy prices slowed in the third quarter, and food prices decreased more in the third quarter than in the second quarter. Excluding food and energy, gross domestic purchases prices increased 1.8 percent after increasing 2.0 percent (see table 2).
- Real disposable personal income (DPI) increased 2.2 percent in the third quarter after increasing 2.1 percent in the second quarter. Current-dollar DPI increased 3.6 percent after increasing 4.1 percent. The differences in the movements in real DPI and current-dollar DPI reflected a deceleration in the implicit price deflator for consumer spending, which is used to deflate DPI.
- The personal saving rate, personal saving as a percentage of current-dollar DPI, was 5.7 percent in the third quarter, the same as in the second quarter.

1. "Real" estimates are in chained (2009) dollars, and price indexes are chain-type measures. Each GDP estimate for a quarter (advance, second, and third) incorporates increasingly comprehensive and improved source data; for more information, see ["The Revisions to GDP, GDI, and Their Major Components"](#) in the August 2014 SURVEY OF CURRENT BUSINESS. Quarterly estimates are expressed at seasonally adjusted annual rates, which reflect a rate of activity for a quarter as if it were maintained for a year.

2. In this article, "consumer spending" refers to "personal consumption expenditures," "inventory investment" refers to "change in private inventories," and "government spending" refers to "government consumption expenditures and gross investment."

Chart 1. GDP, Prices, Disposable Personal Income (DPI)



Lisa S. Mataloni prepared this article.

Real GDP Overview

Table 1. Real Gross Domestic Product (GDP) and Related Measures

[Seasonally adjusted at annual rates]

	Share of current- dollar GDP (percent)	Change from preceding period (percent)					Contribution to percent change in real GDP (percentage points)			
		2016	2015	2016			2015	2016		
		III	IV	I	II	III	IV	I	II	III
Gross domestic product ¹	100.0	0.9	0.8	1.4	2.9	0.9	0.8	1.4	2.9	
Personal consumption expenditures.....	68.7	2.3	1.6	4.3	2.1	1.53	1.11	2.88	1.47	
Goods	22.0	2.1	1.2	7.1	2.2	0.47	0.25	1.51	0.48	
Durable goods	7.5	4.0	-0.6	9.8	9.5	0.30	-0.05	0.70	0.69	
Nondurable goods	14.4	1.2	2.1	5.7	-1.4	0.17	0.30	0.80	-0.21	
Services	46.7	2.3	1.9	3.0	2.1	1.07	0.86	1.37	0.99	
Gross private domestic investment	16.2	-2.3	-3.3	-7.9	3.1	-0.39	-0.56	-1.34	0.52	
Fixed investment	16.1	-0.2	-0.9	-1.1	-0.6	-0.03	-0.15	-0.18	-0.09	
Nonresidential	12.4	-3.3	-3.4	1.0	1.2	-0.43	-0.44	0.12	0.15	
Structures	2.6	-15.2	0.1	-2.1	5.4	-0.45	0.00	-0.06	0.14	
Equipment	5.7	-2.6	-9.5	-2.9	-2.7	-0.16	-0.59	-0.17	-0.16	
Intellectual property products	4.1	4.6	3.7	9.0	4.0	0.18	0.15	0.35	0.16	
Residential	3.7	11.5	7.8	-7.7	-6.2	0.40	0.29	-0.31	-0.24	
Change in private inventories.....	0.1	.....	.....	.....	.....	-0.36	-0.41	-1.16	0.61	
Net exports of goods and services	-2.5	.....	.....	.....	.....	-0.45	0.01	0.18	0.83	
Exports	12.2	-2.7	-0.7	1.8	10.0	-0.34	-0.09	0.21	1.17	
Goods.....	8.0	-4.6	0.1	1.7	14.5	-0.38	0.01	0.13	1.08	
Services	4.2	1.0	-2.2	1.9	2.1	0.04	-0.09	0.08	0.09	
Imports.....	14.7	0.7	-0.6	0.2	2.3	-0.11	0.09	-0.03	-0.34	
Goods.....	11.9	0.7	-1.3	0.0	0.9	-0.09	0.16	0.00	-0.11	
Services	2.7	0.7	2.5	1.1	8.8	-0.02	-0.07	-0.03	-0.23	
Government consumption expenditures and gross investment	17.6	1.0	1.6	-1.7	0.5	0.18	0.28	-0.30	0.09	
Federal	6.7	3.8	-1.5	-0.4	2.5	0.25	-0.10	-0.02	0.17	
National defense	3.9	4.4	-3.2	-3.2	2.1	0.17	-0.13	-0.13	0.08	
Nondefense	2.8	2.8	0.9	3.8	3.0	0.08	0.03	0.10	0.08	
State and local	10.9	-0.6	3.5	-2.5	-0.7	-0.07	0.39	-0.28	-0.08	
Addenda:										
Gross domestic income (GDI) ² .....	.....	1.5	0.8	-0.2	.....	.....	.....	.....	.....	
Average of GDP and GDI .....	.....	1.2	0.8	0.6	.....	.....	.....	.....	.....	
Final sales of domestic product	99.9	1.2	1.2	2.6	2.3	1.24	1.24	2.57	2.29	
Goods	29.7	-0.8	-1.4	2.2	7.4	-0.24	-0.42	0.66	2.15	
Services.....	62.4	2.1	1.1	2.4	1.7	1.26	0.68	1.48	1.08	
Structures	7.8	-1.9	7.4	-8.7	-4.1	-0.15	0.57	-0.73	-0.33	
Motor vehicle output	2.9	-15.2	2.2	7.5	2.0	-0.49	0.06	0.21	0.06	
GDP excluding motor vehicle output	97.1	1.4	0.8	1.2	2.9	1.37	0.77	1.20	2.84	
Final sales of computers	0.4	2.9	54.3	17.8	-6.4	0.01	0.18	0.07	-0.03	
GDP excluding final sales of computers	99.6	0.9	0.7	1.3	2.9	0.86	0.65	1.34	2.93	
Research and development (R&D)	2.6	4.7	0.6	11.8	2.1	0.12	0.01	0.29	0.05	
GDP excluding R&D	97.4	0.8	0.8	1.2	2.9	0.76	0.82	1.12	2.85	

1. The estimates of GDP under the contribution columns are also percent changes.

2. GDI is deflated by the implicit price deflator for GDP.

NOTE. Percent changes are from NIPA tables 1.1.1 and 1.2.1, contributions are from NIPA tables 1.1.2 and 1.2.2, and shares are from NIPA table 1.1.10, or they are calculated from NIPA table 1.2.5.

The pickup in real GDP growth in the third quarter reflected an upturn in private inventory investment, a pickup in exports, a smaller decrease in state and local government spending, and an upturn in federal government spending. These movements were partly offset by a smaller increase in consumer spending, and a larger increase in imports.

The smaller increase in consumer spending primarily reflected a downturn in spending for nondurable goods; the leading contributor was a downturn in spending for "other" nondurable goods (mainly pharmaceuticals, tobacco, and household supplies).

The upturn in inventory investment primarily reflected an upturn in manufacturing (mainly in durable-goods industries) and in wholesale trade that were partly offset by a downturn in "other" industries.

The pickup in exports primarily reflected a pickup in goods exports. The main contributor to the pickup in goods exports was a pickup in exports of foods, feeds, and beverages, which was more than accounted for by a pickup in exports of soybeans.

The larger increase in imports primarily reflected a pickup in services imports. The main contributors were an upturn in charges for the use of intellectual property, which reflected the fees paid for the broadcast rights to the 2016 Summer Olympics, and a pickup in travel.

The upturn in federal government spending reflected an upturn in national defense spending that was partly offset by a slowdown in nondefense spending.

The smaller decrease in state and local government spending primarily reflected a smaller decrease in structures investment.

Prices

Table 2. Prices for Gross Domestic Purchases

[Percent change at annual rates; based on seasonally adjusted index numbers (2009=100)]

	Change from preceding period (percent)				Contribution to percent change in gross domestic purchases prices (percentage points)			
	2015		2016		2015		2016	
	IV	I	II	III	IV	I	II	III
Gross domestic purchases¹	0.3	0.2	2.1	1.6	0.3	0.2	2.1	1.6
Personal consumption expenditures	0.4	0.3	2.0	1.4	0.27	0.19	1.35	0.97
Goods	-2.6	-4.0	0.8	-0.9	-0.56	-0.87	0.17	-0.18
Durable goods	-1.8	-0.9	-2.5	-4.1	-0.14	-0.06	-0.19	-0.30
Nondurable goods	-2.9	-5.6	2.5	0.8	-0.42	-0.81	0.36	0.12
Services	1.8	2.4	2.6	2.6	0.82	1.06	1.18	1.16
Gross private domestic investment	0.3	0.6	1.8	1.3	0.04	0.09	0.29	0.21
Fixed investment	0.4	0.6	2.2	1.6	0.07	0.10	0.35	0.25
Nonresidential	-0.1	0.2	1.2	0.3	-0.01	0.03	0.14	0.04
Structures	-0.2	-1.5	3.2	-0.4	-0.01	-0.04	0.08	-0.01
Equipment	0.1	0.3	0.1	1.1	0.00	0.02	0.01	0.06
Intellectual property products	-0.2	1.3	1.4	-0.3	-0.01	0.05	0.05	-0.01
Residential	2.2	2.0	5.6	5.8	0.08	0.07	0.20	0.21
Change in private inventories .....	.....	.....	.....	.....	-0.02	-0.01	-0.06	-0.04
Government consumption expenditures and gross investment	0.1	-0.4	2.7	2.2	0.01	-0.08	0.47	0.38
Federal	-0.8	1.5	2.1	1.6	-0.05	0.10	0.14	0.10
National defense	-0.9	0.9	2.1	1.5	-0.04	0.04	0.08	0.06
Nondefense	-0.6	2.3	2.2	1.7	-0.02	0.06	0.06	0.05
State and local	0.6	-1.6	3.1	2.6	0.06	-0.17	0.33	0.28
Addenda:								
Gross domestic purchases:								
Food	-0.4	-1.5	-1.8	-2.2	-0.02	-0.07	-0.09	-0.11
Energy goods and services	-14.3	-31.0	15.0	1.1	-0.43	-0.98	0.35	0.03
Excluding food and energy	0.8	1.4	2.0	1.8	0.77	1.25	1.84	1.64
Personal consumption expenditures (PCE):								
Food and beverages purchased for off-premises consumption	-0.1	-1.7	-1.8	-2.1	.....	.....	.....	.....
Energy goods and services	-14.2	-30.6	15.5	2.1	.....	.....	.....	.....
Excluding food and energy	1.2	2.1	1.8	1.7	.....	.....	.....	.....
Gross domestic product (GDP)	0.8	0.5	2.3	1.5	.....	.....	.....	.....
Exports of goods and services	-5.5	-5.1	3.9	2.3	.....	.....	.....	.....
Imports of goods and services	-7.6	-6.0	2.1	2.5	.....	.....	.....	.....

1. The estimates of gross domestic purchases under the contribution columns are also percent changes.

NOTE: Most percent changes are from NIPA table 1.6.7; percent changes for PCE for food and energy goods and services and for PCE excluding food and energy are from NIPA table 2.3.7. Contributions are from NIPA table 1.6.8. GDP, export, and import prices are from NIPA table 1.1.7.

Prices paid by U.S. residents, as measured by the gross domestic purchases price index, increased 1.6 percent in the third quarter after increasing 2.1 percent in the second quarter. The slowdown reflected slowdowns in consumer prices, in prices paid for fixed investment, and in prices paid by government.

The slowdown in consumer prices reflected a downturn in the prices paid for goods; prices paid for services increased 2.6 percent, the same rate as in the second quarter.

The downturn in the prices paid for goods reflected a slowdown in nondurable goods and a larger decrease in durable goods. The slowdown in nondurable goods was more than accounted for by a downturn in gasoline and fuel oil prices.

The slowdown in prices paid for fixed investment reflected downturns in prices paid for structures and for intellectual property products (specifically, software decreased more than in the second quarter, and entertainment, literary, and artistic originals turned down).

The slowdown in prices paid by government reflected slowdowns in the prices paid by state and local governments (specifically, for investment in structures) and in the prices paid by the federal government.

Consumer prices for energy goods and services slowed sharply.

Consumer prices excluding food and energy, a measure of the "core" rate of inflation, slowed slightly, increasing 1.7 percent after increasing 1.8 percent.

Note on Prices

BEA's gross domestic purchases price index is the most comprehensive index of prices paid by U.S. residents for all goods and services. It is derived from the prices of personal consumption expenditures (PCE), private investment, and government consumption expenditures and gross investment.

BEA also produces price indexes for all the components of GDP. The PCE price index is a measure of the total cost of consumer goods and services, including durable goods, nondurable goods, and services. PCE prices for food, for energy goods and services, and for all items except food and energy are also estimated and reported.

Because prices for food and for energy can be volatile, the

price measure that excludes food and energy is often used as a measure of underlying, or "core," inflation. The core PCE price index includes purchased meals and beverages, such as restaurant meals and pet food. (See the FAQ "[What is the core PCE price index?](#)" on BEA's Web site.)

BEA also prepares a supplemental PCE price index, the "market-based" PCE price index, that is based on market transactions for which there are corresponding price measures. This index excludes many imputed expenditures, such as financial services furnished without payment, that are included in PCE and in the PCE price index. BEA also prepares a market-based measure that excludes food and energy.

Personal Income

Table 3. Personal Income and Its Disposition

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

	Level		Change from preceding period			
	2016		2015	2016		
	II	III	IV	I	II	III
Personal income	15,893.2	16,046.8	134.1	49.9	153.1	153.6
Compensation of employees	10,005.1	10,118.7	152.4	0.1	112.6	113.6
Wages and salaries	8,104.3	8,198.9	130.7	-13.4	93.0	94.6
Private industries	6,799.9	6,881.3	122.0	-20.6	84.7	81.4
Goods-producing industries	1,340.4	1,349.3	24.3	-6.9	12.7	8.9
Manufacturing	822.0	828.8	17.7	-12.0	10.0	6.8
Services-producing industries	5,459.5	5,532.0	97.7	-13.7	72.0	72.5
Trade, transportation, and utilities	1,267.1	1,278.6	19.1	-10.5	13.5	11.4
Other services-producing industries	4,192.3	4,253.4	78.6	-3.1	58.5	61.1
Government	1,304.4	1,317.6	8.7	7.2	8.3	13.2
Supplements to wages and salaries	1,900.8	1,919.8	21.7	13.5	19.5	19.0
Proprietors' income with IVA and CCAdj	1,407.8	1,415.5	11.9	3.0	3.9	7.6
Farm	29.8	28.4	-6.5	-5.8	-2.5	-1.4
Nonfarm	1,378.0	1,387.1	18.4	8.8	6.4	9.0
Rental income of persons with CCAdj	700.6	707.5	9.2	15.5	7.8	7.0
Personal income receipts on assets	2,255.8	2,270.0	-39.7	0.4	19.9	14.3
Personal interest income	1,310.2	1,317.6	-43.1	3.1	14.1	7.4
Personal dividend income	945.5	952.5	3.5	-2.7	5.7	6.9
Personal current transfer receipts	2,763.6	2,785.8	16.0	35.8	19.6	22.2
Government social benefits to persons	2,710.6	2,732.2	15.7	35.6	19.2	21.7
Social security	894.1	899.8	6.9	4.8	7.8	5.7
Medicare	659.2	666.0	8.2	10.1	9.2	6.8
Medicaid	558.8	570.2	1.9	8.4	3.1	11.4
Unemployment insurance	30.3	29.9	-0.6	0.1	-1.2	-0.5
Veterans benefits	95.2	95.7	2.2	0.9	2.1	0.5
Other	473.0	470.7	-3.0	11.4	-1.9	-2.3
Other current transfer receipts from business, net	53.0	53.5	0.3	0.2	0.4	0.5
Less: Contributions for government social insurance	1,239.7	1,250.7	15.8	4.9	10.7	11.0
Less: Personal current taxes	1,945.2	1,973.5	19.4	-31.1	12.5	28.3
Equals: Disposable personal income (DPI)	13,948.0	14,073.3	114.7	81.1	140.6	125.3
Less: Personal outlays	13,154.5	13,272.7	86.4	62.3	192.6	118.2
Equals: Personal saving	793.5	800.6	28.3	18.7	-52.0	7.1
Personal saving as a percentage of DPI	5.7	5.7				

NOTE: Dollar levels are from NIPA tables 2.1 and 2.2B.

Personal income, which is measured in current dollars, picked up slightly in the third quarter, increasing \$153.6 billion after increasing \$153.1 billion in the second quarter. The slight pickup primarily reflected pickups in nonfarm proprietors' income, government social benefits, wages and salaries, and personal dividend income and a smaller decrease in farm proprietors' income that were mostly offset by slowdowns in personal interest income and rental income.

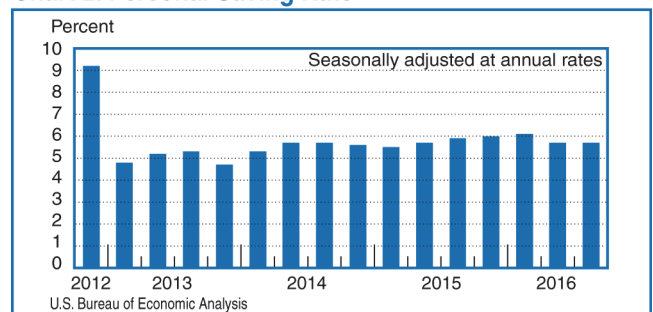
Personal current taxes picked up, reflecting an upturn in state and local income taxes and a pickup in federal income taxes.

Disposable personal income increased \$125.3 billion in the third quarter; in the second quarter, it increased \$140.6 billion.

Personal saving—disposable personal income less personal outlays—was \$800.6 billion in the third quarter, increasing \$7.1 billion after decreasing \$52.0 billion.

The personal saving rate—personal saving as a percentage of disposable personal income—was 5.7 percent in the third quarter, the same as in the second quarter.

Chart 2. Personal Saving Rate



Source Data for the Advance Estimates for the Third Quarter of 2016

Table 4A. Source Data and Key Assumptions for the Advance Estimates of GDP and Its Components

[Billions of dollars, seasonally adjusted at annual rates]

	2016					
	April	May	June	July	August	Sept. ¹
Private fixed investment:						
Nonresidential structures:						
Value of new nonresidential construction put in place	409.1	415.9	419.8	424.2	422.4	423.3
Residential structures:						
Value of new residential construction put in place:						
Single family	243.3	240.1	238.6	237.9	235.6	233.7
Multifamily	58.9	60.3	60.4	60.5	62.0	61.5
Change in private inventories:						
Change in inventories for nondurable manufacturing	3.4	5.5	5.4	-4.8	4.9	-3.9

1. Assumption.

Table 4B. Census Bureau Data From the *Advance Economic Indicators Report*

[Billions of dollars, seasonally adjusted at annual rates]

	2016		
	July	August	Sept. ¹
Change in private inventories:			
Merchant wholesale trade inventories		589.5	590.7
Retail trade inventories		605.8	607.6
Net exports of goods:			
U.S. exports of goods, Census basis	123.8	124.6	125.6
U.S. imports of goods, Census basis	182.5	183.7	181.7

1. Data for the third month of the quarter are preliminary and are subject to further revision.

Source Data and Key Assumptions for the Advance Estimates of GDP

The advance estimates of many components of GDP are based on 3 months of source data, but the estimates of some components are based on only 2 months of data. For the following items, the number of months for which data are available is shown in parentheses.

Consumer spending: sales of retail stores (3), unit auto and truck sales (3), consumers' shares of auto and truck sales (2), motor vehicle fuels data (3), and electricity and gas usage and unit-value data (3);

Nonresidential fixed investment: unit auto and truck sales (3), construction spending (value put in place) (2), manufacturers' shipments of machinery and equipment (3), and exports and imports of machinery and equipment (3);

Residential fixed investment: construction spending (value put in place) (2), single-family housing starts (3), sales of new homes (3), and sales of existing houses (3);

Inventory investment: nondurable-goods manufacturing inventories (2), trade inventories (3) durable-goods manufacturing inventories (3), and unit auto and truck inventories (3);

Net exports of goods and services: exports and imports of goods (3) and services (2) and values and quantities of petroleum imports (3);

Government spending: federal government outlays (3),

state and local government construction spending (value put in place) (2), and state and local government employment (3);

Compensation: employment, average hourly earnings, and average weekly hours (3); and

Prices: consumer price indexes (3), producer price indexes (3), and values and quantities of petroleum imports (3).

Key assumptions

When source data were unavailable, BEA made various assumptions for August and September, including the following (table 4A):

- An increase in nonresidential structures,
- A decrease in single-family structures,
- A decrease in multifamily structures, and
- A decrease in nondurable-goods manufacturing inventories.

A more comprehensive list is available on BEA's Web site.

Advance indicators data

Table 4b shows the data for wholesale and retail trade inventories and for exports and imports of goods from the Census Bureau's *Advance Economic Indicators Report*.

Updated Summary of NIPA Methodologies

The Bureau of Economic Analysis (BEA) has recently improved its estimates of current-dollar gross domestic product (GDP), current-dollar gross domestic income (GDI), and real GDP as part of the 2016 annual update of the national income and product accounts (NIPAs).¹ The sources of data and the methodologies that are now used to prepare the NIPA estimates are summarized in this report.²

Current-dollar estimates of GDP and GDI

The major components and subcomponents of GDP and GDI are listed in table 1. In column 1 of the table, the name of the component is shown along with the current-dollar estimate of that component for 2015. In column 2, information about the sources of data and the methods that are used to prepare the estimates for the comprehensive benchmark updates and for the annual updates in nonbenchmark years are also presented, and the major differences between the data and the methods used in the benchmark updates and those used in the annual updates are noted. For example, for “Furnishings and durable household equipment” in personal consumption expenditures (PCE) (the second item in table 1), the table indicates that one methodology (commodity flow) is used to prepare the estimates for benchmark years, and another methodology (retail control) is used to prepare the estimates for all the other years.

In column 3, information about the current quarterly estimates is also presented. For most components, information about the advance quarterly estimates, which are prepared about a month after the end of the quarter, are provided because more attention tends to be focused on this “first look” at GDP for a quarter. Major source data that become available for the “second” or “third” quarterly estimates for some NIPA components are also noted. Only the source data and methods are listed; the number of months of available source data and whether

or not the source data will be revised by the source agency are not included.³

Source data

The source data include a variety of economic measures, such as sales or receipts, wages and salaries, unit sales, housing stock, insurance premiums, expenses, interest rates, mortgage debt, and tax collections.

For most components, the estimates are derived from source data that are “value data”: they encompass both the quantity data and the price data required to prepare the current-dollar estimates. For these components, the value data are adjusted to derive estimates that are consistent with NIPA definitions and coverage.

For the estimates that are not derived from value data, the sources of the quantity and price data that are used to prepare value estimates are indicated, and the major adjustments that are needed to derive estimates that are consistent with NIPA definitions and coverage are specified.

For the current-dollar estimates of GDP, a “physical quantity times price” method is used for several components. For example, the annual estimate of expenditures on new autos in a nonbenchmark year is calculated as unit sales times expenditure per auto (the average transactions price that reflects all discounts and customer rebates).

For the current-dollar estimates of GDI, two general methods are used for several components—an “employment times earnings times hours” method and variations of a “stock of assets/liabilities times an effective interest rate” method.

Some quarterly (or monthly) estimates are derived using source data as indicators to interpolate or extrapolate annual estimates. In other cases, extrapolation and interpolation may be based on trends; in those cases, the use of “judgmental trend” is indicated.

International transactions accounts. The source data for the foreign transactions that are reflected in most NIPA components—such as net exports of goods and services, net income receipts, and rest-of-the-world corporate profits—are from the international transactions accounts (ITAs) that are prepared by BEA.⁴ As noted in

1. The concepts and methodologies that underlie the NIPAs are subject to periodic improvements as part of the comprehensive and annual NIPA updates, and information about these improvements is available on BEA's Web site. See also Stephanie H. McCulla and Shelly Smith, “[The 2016 Annual Update of the National Income and Product Accounts](#),” *SURVEY OF CURRENT BUSINESS* 96 (August 2016).

2. For detailed descriptions of the fundamental concepts, definitions, classifications, and accounting framework that underlie the NIPAs and of the general sources and methods that are used to prepare the estimates, see [Concepts and Methods of the U.S. National Income and Product Accounts](#) on BEA's Web site.

3. For specific information on key monthly source data incorporated in the current quarterly estimates, see “GDP and the Economy” in the *SURVEY*.

table 1, for some NIPA components, the ITA estimates are adjusted to conform to NIPA concepts and definitions. For the annual estimates of these adjustments and their definitions, see NIPA table 4.3B.⁵

Reconciliation tables. In preparing the annual estimates of several components of GDI, BEA adjusts the source data to conform to NIPA concepts and coverage. For each subcomponent, an annual NIPA table reconciles the value published by the source agency with the NIPA value published by BEA, and the adjustments are listed. Reconciliation tables for the following subcomponents are available on BEA's Web site: consumption of fixed capital in table 7.13, nonfarm proprietors' income in table 7.14, net farm income in table 7.15, corporate profits in table 7.16, net monetary interest in table 7.17, and wages and salaries in table 7.18.

Estimation methods

For some components, BEA uses one of four methods: the commodity-flow method, the retail-control method, the perpetual-inventory method, and the fiscal year analysis method.

The commodity-flow method involves estimating values based on various measures of output. For example, the estimates of PCE for "Furnishings and durable household equipment" in benchmark years are based on data on manufacturers' shipments from the Census Bureau, and BEA adjusts the data for imports and exports. In general, this method is used to derive estimates of various components of PCE, of equipment investment, and of the commodity detail for state and local government consumption expenditures and gross investment.⁶ An abbreviated form of this method is used to prepare estimates of equipment investment in nonbenchmark years, and an even more abbreviated form is used to prepare the current quarterly estimates of equipment investment.

The retail-control method uses retail sales data, usually compiled by the Census Bureau, to estimate expenditures.⁷ It is used to prepare estimates of many subcomponents of PCE for durable and nondurable goods in nonbenchmark years. This method ensures that the growth rate for these subcomponents is the same rate as the "retail control" group, a measure based on the total

sales of most kinds of businesses selling goods from the Census Bureau's monthly and annual retail trade surveys.

The perpetual-inventory method is used to derive estimates of fixed capital stock, which are used to estimate consumption of fixed capital—the economic depreciation of private and government fixed capital. This method is based on investment flows and a geometric depreciation formula.⁸

The fiscal year analysis method is used to estimate annual and quarterly estimates of consumption expenditures and gross investment by the federal government. The estimates of expenditures are calculated by program, that is, by activity for a single line item or for a group of line items in the *Budget of the U.S. Government*. For most programs, BEA adjusts budget outlays so that they conform to NIPA concepts and definitions and classifies the expenditures in the appropriate NIPA category—such as current transfer payments or interest payments—with nondefense consumption expenditures and gross investment determined residually. When a fiscal year analysis is completed, the detailed array of NIPA expenditures by program and by type of expenditure provides a set of control totals for the quarterly estimates.⁹

Estimates of real GDP

BEA uses three methods to estimate real GDP: the deflation method, the quantity extrapolation method, and the direct valuation method. These methods and the source data that are used for estimation are listed in table 2.

The deflation method is used for most components of GDP. A quantity index is derived by dividing the current-dollar index by an appropriate price index that has the base year—currently 2009—equal to 100. The result is then multiplied by 100.

The quantity extrapolation method uses quantity indexes that are obtained by using a quantity indicator to extrapolate from the base-year value of 100.

The direct valuation method uses quantity indexes that are obtained by multiplying the base-year price by actual quantity data for the index period. The result is then expressed as an index with the base year equal to 100.

The subcomponents in table 2 are the same as those shown in table 1, but the detail differs to highlight the alternative methodologies that are used to calculate the real estimates.¹⁰

4. See *U.S. International Transactions Accounts: Concepts and Estimation Methods* on BEA's Web site. Improvements in methodology are usually introduced as part of annual ITA revisions; see C. Omar Kebbeh and Eric Bryda, "Annual Revision of the U.S. International Transactions Accounts" SURVEY 96 (July 2016).

5. Quarterly estimates are presented in NIPA underlying detail table 4.3BU.

6. For additional information on the commodity-flow method, see "Chapter 4: Estimating Methods" in *Concepts and Methods of the U.S. National Income and Product Accounts*, 4–8 and 4–9.

7. For additional information, see "Estimating Methods," 4–9 and FAQ 519 "What is the retail-control method?"

8. For additional information, see "Estimating Methods," 4–11.

9. For details, see "Chapter 9: Government Consumption Expenditures and Gross Investment."

10. For the real estimates, the distinction between annual and quarterly methodologies is less important than it is for the current-dollar estimates. For the relatively few cases in which the annual and quarterly source data differ, the major differences are noted.

Tables 1 and 2 follow.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Gross domestic product of \$18,036.6 billion for 2015		
Personal consumption expenditures (\$12,283.7 billion)		
Goods (\$4,012.1 billion)		
Durable goods (\$1,355.2 billion)		
Motor vehicles and parts (\$464.8 billion)	Benchmark years. For new motor vehicles, physical quantity purchased times average retail price: unit sales, information to allocate sales among consumers and other purchasers, and average transactions prices that reflect all discounts and customer rebates, all from trade sources. For net transactions, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. For dealers' margins, retail sales from Census Bureau quinquennial census and margin rates from Census Bureau annual survey of retail trade (ARTS). For motor vehicle parts and accessories, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. For new motor vehicles, same as the benchmark years. For net transactions, change in consumer stock of motor vehicles from trade sources. For dealers' margins, gross margins from Census Bureau ARTS and wholesale margins from Census Bureau annual survey of wholesale trade. For motor vehicle parts and accessories, retail-control method, using retail sales from Census Bureau ARTS. Most recent year. For new motor vehicles and for net transactions, same as the annual estimates for other years. For dealers' margins, retail sales of used vehicle dealers from Census Bureau monthly survey of retail trade. For motor vehicles parts and accessories, retail-control method, using retail sales from Census Bureau monthly survey of retail trade.	For new motor vehicles, same as the annual estimates for other years. For net transactions, extrapolated by retail sales of used vehicle dealers from Census Bureau monthly survey of retail trade. For dealers' margins, same as the annual estimates for the most recent year. For motor vehicle parts and accessories, same as the annual estimates for the most recent year.
Furnishings and durable household equipment (\$305.1 billion)	Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS. Most recent year. Retail-control method, using Census Bureau monthly survey of retail trade.	Same as the annual estimates for the most recent year.
Recreational goods and vehicles (\$376.6 billion)	Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS. Most recent year. Retail-control method, using Census Bureau monthly survey of retail trade.	Same as the annual estimates for the most recent year.
Other durable goods (\$208.7 billion)	Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS. Most recent year. Retail-control method, using Census Bureau monthly survey of retail trade.	Same as the annual estimates for the most recent year.
Nondurable goods (\$2,656.9 billion)		
Food and beverages purchased for off-premises consumption (\$900.7 billion)	Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. For food produced and consumed on farms, USDA data. Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS. For food produced and consumed on farms, same as for benchmark years. Most recent year. Retail-control method, using Census Bureau monthly survey of retail trade. For food produced and consumed on farms, same as for benchmark years.	For food produced and consumed on farms, judgmental trend. For all others, same as the annual estimates for the most recent year.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Clothing and footwear (\$379.5 billion)	Benchmark years. For standard clothing issued to military personnel, data from OMB's <i>Budget of the United States</i>. For all others, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. For standard clothing issued to military personnel, same as for benchmark years. For all others, retail-control method, using retail sales from Census Bureau ARTS. Most recent year. For standard clothing issued to military personnel, same as for benchmark years. For all others, retail-control method, using Census Bureau monthly survey of retail trade.	For standard clothing issued to military personnel, judgmental trend. For all others, same as the annual estimates for the most recent year.
Gasoline and other energy goods (\$303.7 billion)	Benchmark years. For gasoline and other motor fuels, merchandise line data on receipts of automotive fuels from Census Bureau quinquennial census. For all others, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. For nondiesel gasoline, quantity shipments from the EIA times average retail price from BLS. For diesel gasoline, data from BLS consumer expenditure survey. For lubricants and fluids, manufacturers' shipments Census Bureau annual survey. For fuel oil and other fuels, retail-control method, using Census Bureau ARTS. Most recent year. For nondiesel gasoline, same as other years. For diesel gasoline, quantity shipments from EIA times average retail price from BLS. For lubricants and fluids, quantity shipments from EIA times CPI for motor oil, coolants, and fluids. For fuel oil and other fuels, retail-control method, using Census Bureau monthly survey of retail trade.	Same as the annual estimates for the most recent year.
Other nondurable goods (\$1,073.0 billion)	Benchmark years. For prescription drugs, Census Bureau quinquennial product-line data on retail sales for prescription drugs. For expenditures abroad by U.S. residents (net), BEA international transactions accounts. For all others, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. For prescription drugs, value of sales to consumers from a trade source. For tobacco, quantity shipped times consumer price: quantity shipments data from the U.S. Department of the Treasury, Alcohol and Tobacco Tax and Trade Bureau times the CPI for tobacco and smoking products from BLS. For expenditures abroad by U.S. residents (net), same as for benchmark years. For all others, retail-control method, using retail sales from Census Bureau ARTS. Most recent year. For prescription drugs, for tobacco, and for expenditures abroad by U.S. residents (net), same as other years. For all others, retail-control method, using Census Bureau monthly survey of retail trade.	For expenditures abroad by U.S. residents (net), same as for benchmark years. For all others, same as the annual estimates for the most recent year.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Services (\$8,271.6 billion)		
Household consumption expenditures (for services) (\$7,943.7 billion)		
Housing and utilities (\$2,233.2 billion)	Benchmark years. For rental value of nonfarm dwellings, data on housing stock and average annual rent from Census Bureau decennial census of housing and survey of residential finance, adjusted for utilities included in rent. For rental value of farm dwellings, USDA data on gross rental value of farm dwellings. For electricity and natural gas, variation of commodity-flow method, using annual residential revenue from EIA. For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis. Other years except the most recent year. For rental value of nonfarm dwellings, data from Census Bureau biennial American housing survey or data on the number of housing units from Census Bureau monthly current population survey and BLS CPI for rent. For rental value of farm dwellings and for electricity and gas, same as for benchmark years. For garbage and trash collection, receipts from Census Bureau service annual survey. Most recent year. For electricity and gas, residential revenue from EIA. For all others, same as for other years.	For housing, unit stock adjusted using Census Bureau data on housing completions and judgmental trend. For average rent, BLS CPI for rent. For garbage and trash collection, advance and second estimates, judgmental trend; third estimate, receipts from Census Bureau quarterly services survey. For electricity and gas, EIA data on kilowatt-hour sales and on cents per kilowatt hour of electricity to residential customers and on cubic-foot sales and cents per cubic foot of gas to residential customers, both adjusted from a billing to a usage basis. For all others, judgmental trend.
Health care (\$2,069.0 billion)	Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census and census of governments. Other years. Receipts from Census Bureau service annual survey, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis and judgmental trend.	For government hospitals, judgmental trend. For all others, advance and second estimates, wages and salaries derived from BLS monthly employment times earnings times hours and judgmental trend; third estimate, receipts from Census Bureau quarterly services survey.
Transportation services (\$368.4 billion)	Benchmark years. For air transportation, commodity-flow method, starting with passenger revenue data from the Bureau of Transportation Statistics. For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census, BLS consumer expenditure survey, and trade sources. Other years. For air transportation, same as benchmark years. For all others, receipts from Census Bureau service annual survey, ARTS, and trade sources.	For motor vehicle maintenance and repair, for motor vehicle rentals, for taxicabs, for other road transportation, and for water transportation, advance and second estimates, judgmental trend; third estimate, receipts from Census Bureau quarterly services survey. For intercity buses, advance and second estimates, trade source data; third estimate, receipts from Census Bureau quarterly services survey. For intracity mass transit, advance and second estimates, trade source data; third estimate, receipts from Census Bureau quarterly services survey. For all others, trade sources and judgmental trend.
Recreation services (\$466.3 billion)	Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, and trade sources. Other years. Receipts from Census Bureau service annual survey, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, ARTS, and judgmental trend.	For membership clubs, sports centers, parks, theaters and museums (except motion picture theaters), for cable television, for repair of audio-visual equipment, for pari-mutuel net receipts, and for package tours, advance and second estimates, wages and salaries derived from BLS monthly employment times earnings times hours, trade source, and judgmental trend; third estimate, receipts from Census Bureau quarterly services survey. For motion picture theaters, trade sources. For casino gambling, advance and second estimates, various state gaming control commissions; third estimate, receipts from Census Bureau quarterly services survey and various state gaming control commissions. For all others, wages and salaries derived from BLS monthly employment times earnings times hours and judgmental trend.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Food services and accommodations (\$808.8 billion)	Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, and federal government agency data. Other years. Receipts from Census Bureau ARTS, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, trade sources, and judgmental trend.	For food services, monthly food services sales from Census Bureau monthly survey of retail trade and food services. For all others, trade source and judgmental trend.
Financial services and insurance (\$921.1 billion)	Benchmark years. For insurance services, trade sources. For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census, and data from federal and state government administrative agencies and from trade sources. Other years. For insurance services, same as benchmark years and judgmental trend. For all others, Census Bureau service annual survey, federal and state government administrative data, and trade sources.	For financial service charges and fees and for trust, fiduciary, and custody activities, advance and second estimates, judgmental trend; third estimate, Federal Deposit Insurance Corporation <i>Call Report</i> data. For financial services furnished without payment, advance and second estimates, judgmental trend; third estimate, FRB tabulations of <i>Call Report</i> data. For all others, wages and salaries derived from BLS monthly employment times earnings times hours, trade sources, and judgmental trend.
Other services (\$1,076.9 billion)	Benchmark years. For net foreign travel, estimated as part of the international transactions accounts, see the entry "Exports and imports of services" under "Net exports of goods and services." For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, and trade sources. Other years. For net foreign travel, same as benchmark years. For all others, receipts from Census Bureau service annual survey, trade sources, annual surveys of state and local governments, and judgmental trend.	For telephone services, for other delivery services, for internet service providers, for commercial and vocational schools, for day care and nursery schools, for legal services, for nonprofit professional associations services, for funeral services, for personal care and clothing services, for child care, for individual and family services, for vocational rehabilitation services, for community food and housing/emergency/other relief services, for social advocacy and civic and social organizations, and for household maintenance, advance and second estimates, wages and salaries derived from BLS monthly employment times earnings times hours and judgmental trend; third estimate, receipts from Census Bureau quarterly services survey. For net foreign travel, same as benchmark years. For all others, wages and salaries derived from BLS monthly employment times earnings times hours, trade sources, and judgmental trend.
Final consumption expenditures of nonprofit institutions serving households (\$327.9 billion)	Benchmark years. For gross output of nonprofit institutions, operating expenses from Census Bureau quinquennial census for tax-exempt and religious organizations and trade source. Other years. For gross output of nonprofit institutions, operating expenses from Census Bureau annual survey for tax-exempt organizations and trade sources.	For gross output of health services, for recreation services, for nonprofit commercial and vocational schools, for nonprofit day care and nursery schools, for nonprofit child care providers, for nonprofit individual and family services, for nonprofit vocational rehabilitation services, for nonprofit community food and housing services, for foundations and grant making, for social advocacy organizations, for civic and social organizations, for professional associations, and for "all other similar organizations," advance and second estimates, wages and salaries derived from BLS monthly employment times earnings times hours and judgmental trend; third estimate, operating expenses from Census Bureau quarterly services survey. For all others, wages and salaries derived from BLS monthly employment times earnings times hours and judgmental trend.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Fixed investment (\$2,963.2 billion)		
Nonresidential structures (\$503.7 billion)		
Commercial and health care (\$142.7 billion)	Benchmark years. BEA's benchmark input-output accounts. Other years. Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates for other years.
Manufacturing (\$75.9 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates.
Power and communication (\$102.3 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates.
Mining exploration, shafts, and wells (\$101.2 billion)	Benchmark years. Expenditures from Census Bureau quinquennial census. Other years except the most recent year. For petroleum and natural gas, physical quantity times average price, footage drilled completions from a trade source, composite index of BLS PPIs for oil and gas wells and for oil and gas field services, and base-year cost per footage drilled from Census Bureau annual capital expenditures survey, and footage drilled from a trade source. For other mining, expenditures from Census Bureau annual capital expenditures survey. Most recent year. For petroleum and natural gas, physical quantity times average price, footage drilled from a trade source, composite index of BLS PPIs, base-year cost per footage drilled from a trade source, footage drilled completions from a trade source, and judgmental trend. For mining, BEA data on private investment in mining equipment.	For petroleum and natural gas, average physical quantity times average price, weighted average of footage drilled completions and of rotary rig counts from trade sources, and weighted average of BLS PPIs for oil and gas wells and for oil and gas field services. For mining, same as the annual estimates for the most recent year.
Other structures (\$85.2 billion)	Benchmark years. BEA's benchmark input-output accounts. Other years. Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates for other years.
Nonresidential equipment (\$1,086.1 billion)		
Equipment except new autos, new light trucks, and net purchases of used autos and used light trucks (\$905.4 billion)	Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. Other years except the most recent year. Abbreviated commodity-flow method, starting with manufacturers' shipments from Census Bureau annual survey of manufactures, adjusted for exports and imports. Most recent year. For computers, manufacturers' shipments from Census Bureau monthly survey of manufactures and FRB industrial production index, adjusted for exports and imports. For heavy trucks, physical quantity purchased times average price: unit sales and information to allocate sales among business and other purchasers, from trade sources; for truck trailers, shipments from trade source. For all others, abbreviated commodity-flow method, starting with manufacturers' shipments from Census Bureau monthly survey of manufactures, adjusted for exports and imports.	Same as the annual estimates for the most recent year but with less detail.
New autos, new light trucks, and net purchases of used autos and used light trucks (\$180.8 billion)	See the entry "Motor vehicles and parts" under "Personal consumption expenditures."	See the entry under "Personal consumption expenditures."
Nonresidential intellectual property products (\$717.9 billion)		
Software (\$326.6 billion)	Benchmark years. For purchased software, commodity-flow method, starting with industry receipts from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. For own-account software, production costs based on BLS occupational employment data and on Census Bureau quinquennial census. Other years. For purchased software, commodity-flow method, starting with industry receipts from Census Bureau service annual survey, including an adjustment for exports and imports from Census Bureau foreign trade data. For own-account software, production costs based on BLS occupational employment data.	For purchased software, advance and second estimates, receipts from company reports to the Securities and Exchange Commission and judgmental trend; third estimate, receipts from Census Bureau quarterly services survey. For own-account software, BLS monthly current employment statistics for select industries.
Research and development (\$312.4 billion)	Benchmark years. National Science Foundation (NSF) data and BEA's benchmark input-output accounts. Other years. NSF data adjusted for software overlap, imports and exports, and capital consumption adjustment.	For business research and development (R&D), advance estimate, BLS monthly current employment statistics for select industries; second and third estimates, R&D expenses from publicly traded corporations' financial statements. For academic R&D, BLS monthly current employment statistics for education industry.

See the footnotes at the end of the table.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Entertainment, literary, and artistic originals (\$79.0 billion)	Benchmark years. BEA's benchmark input-output accounts. Other years. Revenues from Census Bureau service annual survey, adjusted for nonartwork costs.	For movies, advance and second estimates, judgmental trend. For television, advance and second estimates, BLS monthly current employment statistics for select industries. For all others, advance and second estimates, BLS monthly current employment statistics for select industries and judgmental trend. For all components, third estimate, revenues from Census Bureau quarterly services survey.
Residential investment (\$651.9 billion) ²		
Permanent-site new single-family structures (\$233.0 billion)	Construction spending (value put in place) based on phased housing starts and average construction cost from Census Bureau monthly construction survey.	Same as the annual estimates.
Permanent-site new multi-family structures (\$52.1 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates.
Manufactured homes (\$7.2 billion)	Benchmark years. See the entry "Equipment except new autos, new light trucks, and net purchases of used autos and used light trucks" under "Nonresidential equipment." Other years. Physical quantity shipped times price: shipments from trade source and average retail price from Census Bureau monthly survey.	Same as the annual estimates for other years.
Improvements (\$204.9 billion)	Benchmark years. Construction spending (value put in place) from Census Bureau construction survey. Other years. A weighted 3-year moving average of the improvements estimates from Census Bureau construction spending (value put in place) survey.	Retail sales of building materials and garden supply stores from Census Bureau monthly survey of retail trade and earnings data from BLS monthly current employment statistics.
Brokers' commissions and other ownership transfer costs (\$143.8 billion)	For brokers' commissions on sale of structures and of land, physical quantity of houses sold times mean sales price, number of new single-family houses sold and average sales price from Census Bureau monthly survey of construction, and number of existing houses sold and average sales price from a trade source. For stamp taxes, state and local government annual document stamp taxes from Census Bureau annual surveys of state and local governments. For title insurance, operating revenue and loss adjusted expense data from a trade source. For all other closing costs, number of new and existing single-family houses sold and their associated average sales price from Census Bureau monthly survey of construction and from a trade source weighted by a BEA estimate of average commission rates.	Physical quantity of houses sold times mean sales price times BEA estimate of average commission rates for sale of new and existing houses; number of single-family houses sold and mean sales price from Census Bureau monthly survey of construction and from a trade source.
Equipment (\$9.7 billion)	See the entry "Furnishings and durable household equipment" under "Personal consumption expenditures."	Same as the annual estimates.
Change in private inventories (\$93.4 billion)		
Farm (\$-2.0 billion)	USDA change in inventories adjusted to exclude Commodity Credit Corporation (CCC) forfeitures and to include net CCC loans at market value.	For crops, BEA quarterly allocation of USDA annual projections of crop output and cash receipts. For livestock, USDA quarterly data.
Manufacturing and trade (\$80.6 billion)	Benchmark years. Inventories from Census Bureau quinquennial census and annual surveys revalued to current replacement cost, with information on the proportions of inventories reported using different accounting methods, on the commodity composition of goods held in inventory, and on the turnover period, all from Census Bureau quinquennial census and annual surveys, combined with prices, largely based on BLS producer price indexes. (The difference between Census Bureau change in inventories and BEA change in private inventories is the inventory valuation adjustment.) Other years except the most recent year. For auto retail dealers, an average of quantities times average prices from trade sources and of retail inventories from Census Bureau annual surveys minus half of manufacturing and merchant wholesale inventories from Census annual surveys; for all others, inventories from Census Bureau annual surveys, revalued as described above. Most recent year. Inventories from Census Bureau monthly surveys and trade sources, revalued as described above.	Same as the annual estimates for the most recent year.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Mining, utilities, construction, and other nonfarm industries (\$14.8 billion)	Benchmark years. Mining and construction inventories from Census Bureau quinquennial census, publishing inventories from the Census Bureau service annual survey, revalued to current replacement cost as described above for "Manufacturing and trade." Other years except the most recent year. For publishing inventories, same as the annual estimates for benchmark years. For all others, IRS tabulations of business tax returns, revalued as described above. Most recent year. For mining and publishing inventories, Census Bureau quarterly financial report of corporations, revalued as described above. For electric utilities, monthly physical quantities from EIA combined with BLS producer price indexes. For all others, judgmental trend.	For mining and publishing inventories, advance estimates, judgmental trend; second and third estimates, same as the annual estimates for most recent year. For electric utilities, same as the annual estimate for the most recent year. For all others, judgmental trend.
Net exports of goods and services (–\$522.0 billion)		
Exports and imports of goods, net (–\$792.7 billion)	Estimated as part of the international transactions accounts: export and import documents compiled monthly by the Census Bureau with adjustments by BEA for coverage and valuation to convert the data to a balance-of-payments basis. Balance-of-payments transactions adjusted for coverage of U.S. territories and Puerto Rico using data from the Commonwealth of Puerto Rico, the U.S. Virgin Islands, and the Census Bureau, and for coverage of gold transactions using data from the U.S. Geological Survey and trade sources.	For territorial adjustment, Census Bureau foreign trade data and judgmental trend. For all others, same as the annual estimates.
Exports and imports of services, net (\$270.7 billion)	Estimated as part of the international transactions accounts: for government transactions, reports by federal agencies on their purchases and sales abroad. For most others in this group (including travel, selected transport categories, and charges for the use of intellectual property n.e.c.), BEA quarterly or annual surveys (supplemented with data from other sources). Transactions adjusted for the balance-of-payments coverage of U.S. territories and Puerto Rico (see the above entry), and to include financial services furnished without payment (see the entry "Banks, credit agencies, and investment companies" under "Net interest and miscellaneous payments").	For territorial adjustment, judgmental trend. For all others, same as the annual estimates.
Government consumption expenditures and gross investment (\$3,218.3 billion)		
Federal government (\$1,225.0 billion)		
National defense except consumption of general government fixed capital (\$571.1 billion)	Within a control total established by fiscal year analysis: for compensation, military wages from OMB's <i>Budget of the United States</i> , civilian wages from BLS tabulations from the quarterly census of employment and wages (QCEW), civilian benefits from the Office of Personnel Management (OPM), and employer contributions for federal employee retirement plans from military and civilian plan actuarial reports; for other than compensation by type, based mainly on data from Department of Defense (DOD) reports; for research and development, data from National Science Foundation (NSF) and from OMB's <i>Budget</i> ; for software, see the entry under "Nonresidential intellectual property products."	For components of compensation, military employment from DOD and civilian employment from BLS and projections from military and civilian actuarial reports. For other than compensation, same as the annual estimates. For software, see the entry under "Nonresidential intellectual property products."
National defense consumption of general government fixed capital (\$160.9 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Nondefense except consumption of general government fixed capital (\$389.9 billion)	Within a control total established by fiscal year analysis: for compensation, civilian wages from BLS tabulations from the QCEW, civilian benefits from OPM, and employer contributions for federal employee retirement plans from civilian actuarial reports; for CCC inventory change, book values of acquisitions and physical quantities of dispositions from agency reports times average market prices from USDA; for petroleum sales, distribution and price data from the Department of Energy; for research and development, data from NSF and from OMB's <i>Budget</i> ; for construction, construction spending (value put in place) from Census Bureau monthly construction survey; for software, see the entry under "Nonresidential intellectual property products." For financial services furnished without payment, see the entry "Banks, credit agencies, and investment companies" under "Net interest and miscellaneous payments." For all others, outlays from the <i>Monthly Treasury Statement</i> .	For components of compensation, employment from BLS and projections from civilian pension plan actuarial reports. For software, see the entry under "Nonresidential intellectual property products." For all others, same as the annual estimates.
Nondefense consumption of general government fixed capital (\$103.1 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.

See the footnotes at the end of the table.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
State and local government (\$1,933.3 billion)		
Consumption expenditures and gross investment except those items listed below (\$190.6 billion)	Total expenditures from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis for available periods, selectively replaced with source data that are more appropriate for the NIPAs and adjusted for coverage, for netting and grossing, for other timing differences, to exclude items not directly included in GDP (interest, subsidies, net expenditures of government enterprises, and transfer payments), and to exclude items described below. The 3 most recent years. Judgmental trend.	Judgmental trend.
Compensation of general government employees (\$1,285.3 billion)	For wages and salaries, BLS tabulations from the QCEW. For employer contributions for government social insurance, tabulations from the Social Security Administration and other agencies administering social insurance programs. For employer contributions for employee pension plans, actuarial reports from state pension plans. For other insurance plans, data from trade sources, CMS, and Census Bureau quinquennial census of governments and annual survey of public employment and payroll, adjusted to a calendar year basis from a fiscal year basis, and judgmental trend.	For wages and salaries, BLS monthly employment times earnings from BLS employment cost index. For other compensation, judgmental trend.
Consumption of general government fixed capital (\$192.9 billion)	Perpetual-inventory method based on gross investment estimates and on investment prices.	Same as the annual estimates.
Structures (\$277.0 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey, benchmarked to quinquennial census of governments and annual surveys of state and local governments.	Construction spending (value put in place) from Census Bureau monthly construction surveys.
Intellectual property products (\$34.8 billion)	See the entries for "Software" and for "Research and development" under "Nonresidential intellectual property products."	See the entries for "Software" and for "Research and development" under "Nonresidential intellectual property products."
Brokerage charges and financial services furnished without payment (\$12.7 billion)	See the entry "Financial services and insurance" under "Personal consumption expenditures."	See the entry "Financial services and insurance" under "Personal consumption expenditures."
Gross domestic income of \$18,290.3 billion for 2015		
Compensation of employees, paid (\$9,704.1 billion)		
Wage and salaries (\$7,865.8 billion)		
Private industries (\$6,591.3 billion)	For most industries, BLS tabulations from the QCEW. For others, wages from a variety of sources (such as USDA for farms and the Railroad Retirement Board for railroad transportation), adjusted for understatement of income on tax returns and for coverage differences.	For most industries, wages and salaries derived from BLS monthly employment times earnings times hours. For others, judgmental trend.
Federal government (\$329.7 billion)	For civilians, wages from BLS tabulations from the QCEW adjusted for coverage differences; for military personnel, wages from OMB's <i>Budget of the United States</i> .	For civilians, employment from BLS and judgmental trend. For military personnel, DOD employment and judgmental trend.
State and local government (\$944.9 billion)	BLS tabulations from the QCEW adjusted for coverage differences.	Derived from BLS employment times earnings from BLS employment cost index.
Employer contributions for employee pension and insurance funds (\$1,270.5 billion) ³		
Private pension plans (\$222.5 billion)	Defined contribution plans All years except the 2 most recent years. Tabulations from Department of Labor. Two most recent years. Judgmental trend. Defined benefit plans All years except the most recent. Tabulations from Pension Benefit Guaranty Corporation and corporate financial reports Most recent year. Judgmental trend.	Judgmental trend.
Government employee pension plans (\$279.2 billion)	All years except the most recent year. For federal defined benefit plans, actuarial reports for federal retirement plans, adjusted to a calendar year basis. For federal defined contribution plans, Thrift Savings Plan annual reports. For state and local defined benefit plans, actuarial reports, adjusted to a calendar year basis. For state and local defined contribution plans, wages and salaries and BLS employer costs for employee compensation survey. Most recent year. For federal plans and for state and local defined contribution plans, same as all years except the most recent. For state and local defined benefit plans, judgmental trend.	For federal plans, judgmental trend. For state and local plans, same as most recent year.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Group health insurance (\$668.2 billion)	All years except the most recent year. For private and for state and local government, employer contributions from CMS. For federal government, premiums paid by the federal government to the Federal Employee Health Benefit Fund from OMB. Most recent year. For private, CMS tabulations. For state and local government, judgmental trend. For federal government, same as all years except the most recent.	For private and for state and local government, judgmental trend. For federal government, employment from BLS.
Group life insurance (\$12.0 billion)	All years except the most recent year. Group premiums and estimates of employer share from trade sources. Most recent year. Judgmental trend.	Same as the most recent year.
Workers' compensation (\$71.6 billion)	All years except the most recent year. Employer contributions from trade sources. Most recent year. Judgmental trend.	Same as the most recent year.
Publicly administered government employee insurance funds (\$7.1 billion)	All years. Employer contributions to the Medicare-Eligible Retiree Health Fund from the <i>Monthly Treasury Statement</i> .	DOD employment.
Employer contributions for government social insurance (\$567.7 billion)	Tabulations from the Social Security Administration and other agencies administering social insurance programs.	For federal programs, BEA-derived wages and salaries of employees covered by the programs. For state and local programs, judgmental trend.
Taxes on production and imports (\$1,237.6 billion)		
Federal government (\$139.4 billion)	For excise taxes, collections from the Alcohol and Tobacco Tax and Trade Bureau and from the IRS. For customs duties, receipts from the <i>Monthly Treasury Statement</i> .	For customs duties, receipts from the <i>Monthly Treasury Statement</i> . For most excise taxes, derived from indicators of activity (such as gasoline production for gasoline tax). For others, judgmental trend.
State and local government (\$1,098.3 billion)	Receipts from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis.	For state general sales taxes, advance estimate: state tax collections data; second estimate: state tax collections data supplemented with Rockefeller Institute of Government sales tax data; third estimate: Census Bureau quarterly tax survey. For all other state sales taxes, advance and second estimates: derived from indicators of activity (such as gasoline sales for gasoline sales tax) and trend estimates; third estimate: Census Bureau quarterly tax survey, indicators of activity, and trend estimates. For all other taxes, advance and second estimates: judgmental trend; third estimate: Census Bureau quarterly tax survey and judgmental trend.
Less: Subsidies (\$56.6 billion)		
Federal government (\$56.1 billion)	For agricultural subsidy payments, data from USDA reports. For all others, data from OMB's <i>Budget of the United States</i> .	USDA reports and judgmental trend.
State and local government (\$0.5 billion)	For railroad and electric power, Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis.	Judgmental trend

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Net operating surplus (\$4,574.5 billion)		
Private enterprises (\$4,593.3 billion)		
Net interest and miscellaneous payments, domestic industries (\$693.2 billion)		
Domestic monetary interest, net (–\$62.7 billion)	All years except the most recent year. For farm interest paid, USDA surveys. For residential mortgage interest paid, mortgage debt from FRB times a BEA interest rate. For most other interest paid and received by business, IRS tabulations of business tax returns, adjusted for misreporting on tax returns and for conceptual differences. Most recent year. For farm and mortgage interest paid, same as all years except the most recent. For other interest, interest receipts and payments from regulatory agencies (such as the Federal Deposit Insurance Corporation), from trade sources, or derived by applying BEA interest rates to interest-bearing assets/liabilities from FRB financial accounts of the United States.	Derived by combining estimates of (1) interest received by persons, (2) government interest paid less received, and (3) interest paid by persons. For (1), judgmental trend. For (2), data from the <i>Monthly Treasury Statement</i> and the Bureau of the Public Debt for federal and judgmental trend for state and local; and for (3), for margin interest, advance estimate: judgmental trend; second or third estimate: data from regulatory agencies. For nonmargin interest, consumer debt from FRB times BEA estimates of interest rates.
Domestic imputed interest, net (\$734.8 billion)		
Banks, credit agencies, and investment companies (\$289.3 billion)		
Depositor services (\$249.7billion)	All years. For commercial banks, FRB tabulations of Federal Financial Institutions Examination Council (FFIEC) <i>Call Reports</i> used to calculate the interest rate spread between a risk-free reference rate and the average interest rate paid to depositors times the average balance of deposits. Depositor services allocated to persons, to government, and to the rest of the world on the basis of deposit liabilities from FRB. For credit agencies and investment companies, property income earned on investment of deposits less monetary interest paid to depositors (and for mutual depositories, profits from IRS tabulations of business tax returns) from annual reports of regulatory agencies and FRB. Depositor services allocated to persons, to government, and to the rest of the world on the basis of deposit liabilities from FRB.	For commercial banks, advance estimate, judgmental trend; for second and third estimates, same as annual estimates. For investment companies, advance estimate, judgmental trend; for second and third estimates, mutual fund data from a trade source. For all others, judgmental trend.
Borrower services (\$39.5 billion)	All years. For commercial banks, data from FRB tabulations of FFIEC <i>Call Reports</i> used to calculate the interest rate spread between the average rate paid by borrowers and the reference rate times the average balance of borrowers.	For advance estimate, judgmental trend. For second or third estimates, same as annual estimates for commercial banks.
Life insurance carriers (\$247.9 billion)	All years. Property income earned on investment of policyholders' reserves from trade source.	Judgmental trend.
Property and casualty insurance companies (\$1.5 billion)	All years. Expected investment income derived using premiums earned and investment gains from trade source.	Judgmental trend.
Employee pension plans (\$196.2 billion)	All years except the most recent year. For private defined benefit pension plans, tabulations from the Pension Benefit Guaranty Corporation. For federal defined benefit pension plans, actuarial reports for federal retirement plans, adjusted to a calendar year basis. For state and local government defined benefit pension plans, actuarial reports, adjusted to a calendar year basis. Most recent year. For private defined benefit pension plans, judgmental trend. For federal defined benefit pension plans, same as all years except the most recent year. For state and local government defined benefit pension plans, judgmental trend.	Same as most recent year.
Miscellaneous payments (\$20.9 billion)		
Federal government rents and royalties (\$6.2 billion)	All years. Receipts from land and mineral leasing, <i>Combined Statement of Receipts and Expenditures</i> , U.S. Department of the Treasury.	For offshore leases, projections of receipts from OMB <i>Budget</i> ; for land and onshore mineral leasing, data from the <i>Monthly Treasury Statement</i> .
State and local government rents and royalties (\$14.7 billion)	All years except the 3 most recent years. Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis. The 3 most recent years. Judgmental trend.	Same as the annual estimates for the 3 most recent years.

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Business current transfer payments (net) (\$161.4 billion)		
To persons (net) (\$51.4 billion)	All years except the most recent year. For all components, information from government agency reports and trade sources. Most recent year. Judgmental trend.	Same as the annual estimates for the most recent year.
To government (net) (\$110.7 billion)	For federal, receipts from OMB's Budget of the United States and documentation from the Department of Justice about fines recorded on an accrual basis. For state and local, receipts from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis and net insurance settlements, as described above.	Judgmental trend.
To the rest of the world (net) (-\$0.8 billion)	Estimated as part of the international transactions accounts.	Same as the annual estimates.
Proprietors' income with inventory valuation and capital consumption adjustments (\$1,376.8 billion)		
Farm proprietors' income with inventory valuation adjustment (\$45.9 billion)	USDA data on net income, obtained by deriving gross income (cash receipts from marketing, inventory change, government payments, other cash income, and nonmoney income) and subtracting production expenses, adjusted to exclude corporate income based on USDA quinquennial census and annual survey data.	For crops, BEA quarterly allocation of USDA annual projections of crop output. For livestock, USDA quarterly projections of cash receipts and inventories. For both crops and livestock, quarterly allocation of USDA annual projections of government subsidy payments and production expenses.
Farm capital consumption adjustment (-\$5.9 billion)	See the entry "Less: capital consumption adjustment" under "Consumption of fixed capital."	See the entry under "Consumption of fixed capital."
Nonfarm proprietors' income (\$1,114.4 billion)	All years except the most recent year. Income from IRS tabulations of business tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Most recent year. For construction, trade, and services, indicators of activity such as construction spending (value put in place). For others, judgmental trend.	Same as the annual estimates for the most recent year.
Nonfarm inventory valuation adjustment (\$8.3 billion)	See the entry "Inventory valuation adjustment" under "Corporate profits."	See the entry under "Corporate profits."
Nonfarm capital consumption adjustment (\$214.1 billion)	See the entry "Less: capital consumption adjustment" under "Consumption of fixed capital."	See the entry under "Consumption of fixed capital."

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Continues

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Rental income of persons with capital consumption adjustment (\$659.6 billion)		
Owner-occupied nonfarm housing (\$456.4 billion)	Benchmark years. Derived as imputed rental of nonfarm housing (see the entry "Housing and utilities" under "Personal consumption expenditures") less related expenses, including property insurance from a trade source, mortgage interest (mortgage debt from FRB times a BEA interest rate), and property taxes from Census Bureau annual surveys of state and local government tax collections. Other years. Same as benchmark years.	For imputed rental of owner-occupied housing, same as the annual estimates. For depreciation, interest, financing-related closing costs, and taxes, NIPA estimates of those components. For other expenses, judgmental trend.
Tenant-occupied nonfarm housing (\$142.7 billion)	Benchmark years. Derived as actual value of housing less related expenses (see preceding entry). Other years. Same as benchmark years except for mortgage interest, mortgage debt from FRB times a BEA interest rate, and property taxes from Census Bureau annual surveys of state and local tax collections.	Same as owner-occupied nonfarm housing.
Owner-occupied farm housing (\$3.7 billion)	Benchmark years. Derived as imputed rental of farm housing (see the entry "Housing and utilities" under "Personal consumption expenditures") less related expenses, such as mortgage interest and property taxes, from USDA data. For farms owned by nonoperator landlords, derived from USDA data. Other years. Imputed rental of farm housing (see the entry "Housing and utilities" under "Personal consumption expenditures"); expenses from USDA data.	Judgmental trend.
Tenant-occupied farm housing (\$8.1 billion)	Benchmark years. For farm housing owned by farm operator landlords, imputed rental of farm housing (see the entry "Housing and utilities" under "Personal consumption expenditures") less related expenses, such as mortgage interest and property taxes, from USDA data. For farms owned by nonoperator landlords, from USDA data. Other years. For farm housing owned by farm operator landlords, derived as imputed rental of farm housing; expenses from USDA data. For farms owned by nonoperator landlords, from USDA data.	Judgmental trend.
Nonfarm nonresidential properties (–\$0.2 billion)	Benchmark years. Nonfarm nonresidential fixed assets from BEA capital stock series times a rate of return on capital based on IRS tabulations of business tax returns. Other years. BEA capital stock series and judgmental trend.	Judgmental trend.
Royalties (\$37.3 billion)	All years except the most recent year. IRS tabulations of royalties reported on individual income tax returns. Most recent year. Judgmental trend.	Same as the annual estimates for the most recent year.
Corporate profits with inventory valuation and capital consumption adjustments, domestic industries (\$1,702.3 billion)		
Domestic profits before tax (\$1,751.8 billion)	All years except the most recent year. Receipts less deductions from IRS tabulations of business tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Most recent year. Profits from Census Bureau <i>Quarterly Financial Report</i> , regulatory agency reports, and compilations of publicly available corporate financial statements.	For some industries in transportation and in finance, judgmental trend. For others, same as the annual estimates for the most recent year. (Preliminary profits estimate is released with the second estimate of GDP for the first, second, and third quarters and with the third estimate of GDP for the fourth quarter.)

Table 1. Source Data and Methods for Current-Dollar GDP and Current-Dollar GDI—Table Ends

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Inventory valuation adjustment (IVA) (\$54.8 billion)	The IVA on the income side (for corporations and for nonfarm sole proprietorships and partnerships) and the IVA on the product side (see the entry “Change in private inventories”) differ because the source data reflect different proportions of inventories reported using different accounting methods (such as last-in-first out (LIFO)). The income-side IVA is based on the product-side IVA, adjusted by the relationship between non-LIFO inventories from IRS tabulations of business tax returns and non-LIFO inventories from the Census Bureau.	Same as the annual estimates.
Capital consumption adjustment (-\$104.3 billion)	See the entry “Less: Capital consumption adjustment” under “Consumption of fixed capital.”	See the entry under “Consumption of fixed capital.”
Current surplus of government enterprises (-\$18.8 billion)		
Federal government (-\$7.4 billion)	Mainly reports of various agencies, such as the Postal Service, and consumption of fixed capital (CFC) estimates derived with perpetual inventory calculations at current cost, based on gross investment estimates and on investment prices.	For CFC estimates, same as the annual estimates. For all others, judgmental trend.
State and local government (-\$11.4 billion)	For current operating receipts, mainly revenue data from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis. For current operating expenditures, see the entries “Consumption expenditures and gross investment” and “Consumption of general government fixed capital” under “State and local government.”	Judgmental trend.
Consumption of fixed capital (\$2,830.8 billion)		
Government (\$522.5 billion)		
General government (\$456.9 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Government enterprises (\$65.6 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Private (\$2,308.3 billion)		
Domestic business (\$1,836.5 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Capital consumption allowances (\$1,922.8 billion)	All years except the most recent year. For depreciation of corporations and of nonfarm sole proprietorships and partnerships, IRS tabulations of business tax returns, adjusted for conceptual differences. For other depreciation (including farm proprietorships and partnerships and other private business), perpetual inventory calculations based on investment at acquisition cost. Most recent year. For depreciation of corporations and of nonfarm sole proprietorships and partnerships, BEA estimates of tax-return-based depreciation. For other depreciation, same as above.	Perpetual inventory calculations based on investment at acquisition cost.
Less: Capital consumption adjustment (\$86.4 billion)	The difference between capital consumption allowances and consumption of fixed capital.	Same as the annual estimates.
Households and institutions (\$471.8 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.

n.e.c. Not elsewhere classified
 BEA Bureau of Economic Analysis
 BLS Bureau of Labor Statistics
 CMS Centers for Medicare and Medicaid Service
 CPI Consumer price index
 EIA Energy Information Administration
 FRB Federal Reserve Board
 GDP Gross domestic product
 IRS Internal Revenue Service
 NIPAs National income and product accounts

OMB Office of Management and Budget
 USDA U.S. Department of Agriculture
 1. For most components, information about the advance quarterly estimates is provided. In addition, major source data that become available during the second or third quarterly estimates for particular NIPA components are also noted.
 2. Residential fixed investment includes \$3.6 billion for dormitories and -\$3.0 billion for net purchases of used structures.
 3. Employer contributions for employee pension and insurance funds includes \$0.5 billion for supplemental unemployment.

Table 2. Methodology Used in Preparing Estimates of Real GDP—Continues

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Personal consumption expenditures			
Goods			
Durable goods			
Motor vehicles and parts	CPI PPI, for used auto and used light truck dealers' margins.		
Furnishings and durable household equipment	CPI		
Recreational goods and vehicles	CPI		
Other durable goods	CPI		
Nondurable goods			
Food and beverages purchased for off-premises consumption	CPI		
Clothing and footwear	CPI PPI, for standard clothing issued to military personnel.		
Gasoline and other energy goods	CPI		
Other nondurable goods	CPI	BEA installation support services price index, for expenditures abroad by U.S. residents.	
Services			
Household consumption expenditures (for services)			
Housing and utilities	CPI	.....	Quantity extrapolation. Chained-dollar net stock of farm housing from BEA capital stock estimates.
Health care	CPI PPI, for physicians offices, hospitals, proprietary and government nursing homes, home health care services, medical care laboratories, and diagnostic imaging centers.		
Transportation services	CPI PPI, for domestic scheduled air passenger revenue.		
Recreation services	CPI		
Food services and accommodations	CPI		
Financial services and insurance	CPI PPI, for brokerage services, dealer transactions, portfolio management and investment advice services; commercial bank trust services; homeowner's insurance; direct health and medical insurance carriers; private passenger auto insurance, and workers' compensation.	BEA composite index of prices, for financial services furnished without payment by other financial institutions, ¹ and life insurance.	Quantity extrapolation. BLS index of total output (less BEA estimates of real bank service charges) times consumer share based on deposits and loans, for banks. BEA transactions derived from volume data from a trade source, for investment companies' charges. BLS banking output index, for trust, fiduciary, and custody activities.

See the footnotes at the end of the table.

Table 2. Methodology Used in Preparing Estimates of Real GDP—Continues

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Other services	CPI PPI, for employment agency services and international scheduled passenger revenue.	BEA composite index of prices, for social assistance services, labor organization dues, and for net foreign travel. BLS import price index for air passenger transport, for foreign travel.	
Final consumption expenditures of nonprofit institutions serving households	.....	BEA composite index of input prices, for gross output of nonprofit categories.	
Fixed investment			
Nonresidential structures			
Commercial and health care	PPI, for office buildings, health care buildings, warehouses, and mobile structures.	BEA index based on cost index from trade source and on Census Bureau price index for single-family houses under construction, for certain commercial structures.	Quantity extrapolation. Footage by geographic area from trade source, for drilling.
Manufacturing	PPI, for industrial buildings.		
Power and communication	PPI, for steel pipes and tubes.	Cost indexes from trade sources and government agencies, for power; cost index from trade source, for communication.	
Mining exploration, shafts, and wells	PPI, for oil and gas well drilling and oil and gas field services.	BEA index based on cost index from trade source and on Census Bureau price index for single-family houses under construction, for mines.	
Other structures	PPI, for nonresidential real estate brokerage and new school construction.	BEA index, for railroads; BEA index based on cost index from trade source and on Census Bureau price index for single-family houses under construction, for other components.	
Nonresidential equipment			
Equipment except those listed below	PPI, for most domestic components and for imported transportation equipment.	BLS import price indexes, for imported components except transportation equipment.	Direct valuation. For used autos and used light trucks, see the entry “Motor vehicles and parts” under “Personal consumption expenditures.”
New autos, new light trucks, and net purchases of used autos and used light trucks	CPI, for new autos and new light trucks.	.....	
Telephone and telegraph installation	.....	BEA cost index.	
Telephone switching equipment	.....	FRB price index for telephone switching equipment.	
Data communications equipment	.....	FRB price index for data networking equipment.	
Wireless communications equipment	.....	FRB price index for wireless networking equipment.	
Carrier line equipment	.....	FRB price index for carrier line equipment.	
Photocopying equipment	.....	BEA price index.	

See the footnotes at the end of the table.

Table 2. Methodology Used in Preparing Estimates of Real GDP—Continues

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Nonresidential intellectual property products			
Software	PPI, for prepackaged software.	BEA cost index based on BLS employment cost index and on PPI, for own-account and custom software.	
Research and development	.....	BEA index based on BLS data on average wages for selected industries.	
Entertainment, literary, and artistic originals	CPI and PPI		
Residential investment			
Permanent-site new single-family structures		Census Bureau price index for single-family houses under construction.	
Permanent-site new multifamily structures	.....	BEA index based on Census Bureau price indexes for single-family houses under construction and multifamily structures.	
Manufactured homes	PPI	BEA composite index of input prices, for major replacements; BEA index based on Census Bureau price index for single-family houses under construction and BEA index for major replacements, for additions and alterations.	
Improvements	.....		
Brokers' commissions and other ownership transfer costs	PPI		
Equipment	CPI		
Change in private inventories			
Farm		USDA average market prices.	Direct valuation. Quantities and prices of stocks of coal, petroleum, and natural gas from EIA, for utilities.
Nonfarm			
Purchased goods of all industries	PPI	Composite price from the Energy Information Administration (EIA), for crude petroleum; BLS import price indexes, for imported goods purchased by trade industries.	
Work-in-process and finished goods, manufacturing	PPI	BEA indexes of unit labor costs.	

See the footnotes at the end of the table.

Table 2. Methodology Used in Preparing Estimates of Real GDP—Continues

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Net exports of goods and services			
Exports and imports of goods	PPI for gold, semi-conductor exports, selected transportation equipment, and selected imports of refined petroleum.	BLS export and import price indexes; FRB price index, for various communications equipment; unit-value indexes based on Census Bureau values and quantities, for electric energy exports and imports.	Direct valuation. Quantities and unit-value indexes from monthly Census Bureau compilations of import data converted to a balance-of-payments basis, for imports of petroleum.
Exports and imports of services	CPI, for travel receipts, medical receipts, and nonresident students' expenditures. PPI, for selected transport categories.	Selected deflators, for military transfers and defense expenditures: see "National defense except consumption of general government fixed capital" below. BLS export and import price indexes, for air passenger transport; BEA composite index of foreign CPIs, ² for travel payments, for miscellaneous services, and for U.S. students' expenditures abroad; BLS export and import price indexes, for selected transport categories; BEA price indexes, CPI, PPI, and implicit price deflator for final sales to domestic purchasers, for charges for the use of intellectual property n.e.c, and for other business services.	Quantity extrapolation. BLS index of total bank output (less BEA estimates of real bank service charges), for exports of financial services furnished without payment; ¹ premiums deflated by PPI, for exports and imports of insurance.
Net exports of goods and services			
Government consumption expenditures and gross investment			
Federal government			
National defense except consumption of general government fixed capital	PPI, for selected goods and services. CPI and PPI, for utilities and communications.	BEA indexes based on DOD prices paid, for some goods and services and for most military structures; BLS employment cost indexes, for some services; cost indexes from trade sources and government agencies, for nonmilitary structures; BEA index derived from nondefense compensation, for own-account software; BEA index derived from nondefense indexes and input-cost indexes, for research and development; BEA index derived from nondefense compensation price index and PPI, for custom software.	Quantity extrapolation. Full-time equivalent employment by rank and length of service, for military compensation; full-time equivalent employment by grade, adjusted for change from base year in hours worked, for civilian compensation. Direct valuation. Quantities and prices from DOD reports, for some goods and services and a few military structures; quantities from DOE, for electricity and natural gas.
National defense consumption of general government fixed capital	.....	.....	Direct valuation. Perpetual inventory calculations based on gross investment.

See the footnotes at the end of the table.

Table 2. Methodology Used in Preparing Estimates of Real GDP—Table Ends

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	CPI or PPI	Other index	
Nondefense except consumption of general government fixed capital	PPI, for most goods and selected services. CPI, for rent, utilities, and communications.	Cost indexes from trade sources and government agencies, for structures; BLS employment cost indexes, for some services; BEA index derived from nondefense compensation, for own-account software; BEA index derived from nondefense indexes and input-cost indexes, for research and development; BEA index derived from nondefense compensation price index and PPI, for custom software.	Quantity extrapolation. Full-time equivalent employment by grade, adjusted for change from base year in hours worked, for compensation; BLS index of total bank output (less BEA estimates of real bank service charges), for financial services furnished without payment. ¹ Direct valuation. Quantities by crop from agency reports and USDA prices, for net purchases of agricultural commodities by the Commodity Credit Corporation; DOE quantities and prices, for selected petroleum transactions.
Nondefense consumption of general government fixed capital	.....	.....	Direct valuation. Perpetual inventory calculations based on gross investment.
State and local government			
Consumption expenditures and gross investment except those listed below	CPI, for services. PPI, for electricity, hospitals, most professional services, and goods.	BEA indexes based on federal nondefense prices paid, for transportation, books, and postal services; BEA composite indexes of input prices, for elementary and secondary education, welfare, and libraries; BEA composite price index for state and local construction, for maintenance and repair services.	
Compensation of general government employees	.....	.....	Quantity extrapolation. Full-time equivalent employment by education and experience, adjusted for change from base year in hours worked, for employees in education; full-time equivalent employment, adjusted for change from base year in hours worked, for other employees.
Consumption of general government fixed capital	.....	.....	Direct valuation. Perpetual inventory calculations based on gross investment.
Structures	PPI, for office buildings, highways, educational buildings, manufacturing buildings.	Cost indexes from trade sources and government agencies, BLS employment cost index for construction.	
Intellectual property products	.....	See the entries "Software" and "Research and development" under "Nonresidential intellectual property products."	
Brokerage charges and financial services furnished without payment	.....	.....	Quantity extrapolation. See the entry "Financial services and insurance" under "Personal consumption expenditures."

n.e.c. Not elsewhere classified
 BEA Bureau of Economic Analysis
 BLS Bureau of Labor Statistics
 CPI Consumer price index
 DOD Department of Defense
 DOE Department of Energy
 FRB Federal Reserve Board
 GDP Gross domestic product

PPI Producer price index
 USDA U.S. Department of Agriculture
 1. Also referred to as "services furnished without payment by financial intermediaries, except life insurance carriers."
 2. The foreign CPIs are adjusted for differences in exchange rates.

Table 1.1.1. Percent Change From Preceding Period in Real Gross Domestic Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Personal consumption expenditures	2.9	3.2	2.7	2.3	1.6	4.3	2.1
3	Goods	3.9	4.0	4.2	2.1	1.2	7.1	2.2
4	Durable goods	6.7	6.9	6.2	4.0	-0.6	9.8	9.5
5	Nondurable goods	2.6	2.6	3.2	1.2	2.1	5.7	-1.4
6	Services	2.3	2.8	2.0	2.3	1.9	3.0	2.1
7	Gross private domestic investment	4.5	5.0	2.0	-2.3	-3.3	-7.9	3.1
8	Fixed investment	5.5	4.0	5.7	-0.2	-0.9	-1.1	-0.6
9	Nonresidential	6.0	2.1	3.9	-3.3	-3.4	1.0	1.2
10	Structures	10.3	-4.4	-4.3	-15.2	0.1	-2.1	5.4
11	Equipment	5.4	3.5	9.1	-2.6	-9.5	-2.9	-2.7
12	Intellectual property products	3.9	4.8	2.1	4.6	3.7	9.0	4.0
13	Residential	3.5	11.7	12.6	11.5	7.8	-7.7	-6.2
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	4.3	0.1	-2.8	-2.7	-0.7	1.8	10.0
17	Goods	4.4	-0.6	-3.1	-4.6	0.1	1.7	14.5
18	Services	3.9	1.6	-2.3	1.0	-2.2	1.9	2.1
19	Imports	4.4	4.6	1.1	0.7	-0.6	0.2	2.3
20	Goods	4.8	4.9	-0.1	0.7	-1.3	0.0	0.9
21	Services	2.6	2.9	6.9	0.7	2.5	1.1	8.8
22	Government consumption expenditures and gross investment	-0.9	1.8	1.9	1.0	1.6	-1.7	0.5
23	Federal	-2.5	0.0	1.0	3.8	-1.5	-0.4	2.5
24	National defense	-4.1	-2.1	-1.2	4.4	-3.2	-3.2	2.1
25	Nondefense	0.1	3.3	4.2	2.8	0.9	3.8	3.0
26	State and local	0.2	2.9	2.5	-0.6	3.5	-2.5	-0.7
Addendum:								
27	Gross domestic product, current dollars	4.2	3.7	3.2	1.8	1.3	3.7	4.4

Table 1.1.2. Contributions to Percent Change in Real Gross Domestic Product

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Percent change at annual rate: Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.95	2.16	1.81	1.53	1.11	2.88	1.47
3	Goods	0.89	0.91	0.92	0.47	0.25	1.51	0.48
4	Durable goods	0.49	0.51	0.45	0.30	-0.05	0.70	0.69
5	Nondurable goods	0.40	0.40	0.47	0.17	0.30	0.80	-0.21
6	Services	1.06	1.26	0.89	1.07	0.86	1.37	0.99
7	Gross private domestic investment	0.73	0.82	0.35	-0.39	-0.56	-1.34	0.52
8	Fixed investment	0.87	0.65	0.92	-0.03	-0.15	-0.18	-0.09
9	Nonresidential	0.76	0.27	0.49	-0.43	-0.44	0.12	0.15
10	Structures	0.29	-0.13	-0.12	-0.45	0.00	-0.06	0.14
11	Equipment	0.32	0.21	0.53	-0.16	-0.59	-0.17	-0.16
12	Intellectual property products	0.15	0.19	0.08	0.18	0.15	0.35	0.16
13	Residential	0.11	0.39	0.43	0.40	0.29	-0.31	-0.24
14	Change in private inventories	-0.14	0.17	-0.57	-0.36	-0.41	-1.16	0.61
15	Net exports of goods and services	-0.15	-0.71	-0.52	-0.45	0.01	0.18	0.83
16	Exports	0.58	0.01	-0.36	-0.34	-0.09	0.21	1.17
17	Goods	0.41	-0.06	-0.26	-0.38	0.01	0.13	1.08
18	Services	0.17	0.07	-0.10	0.04	-0.09	0.08	0.09
19	Imports	-0.72	-0.73	-0.16	-0.11	0.09	-0.03	-0.34
20	Goods	-0.65	-0.65	0.02	-0.09	0.16	0.00	-0.11
21	Services	-0.07	-0.08	-0.18	-0.02	-0.07	-0.03	-0.23
22	Government consumption expenditures and gross investment	-0.16	0.32	0.34	0.18	0.28	-0.30	0.09
23	Federal	-0.19	0.00	0.06	0.25	-0.10	-0.02	0.17
24	National defense	-0.19	-0.09	-0.05	0.17	-0.13	-0.13	0.08
25	Nondefense	0.00	0.09	0.11	0.08	0.03	0.10	0.08
26	State and local	0.03	0.32	0.27	-0.07	0.39	-0.28	-0.08

Table 1.1.3. Real Gross Domestic Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Personal consumption expenditures	110.378	113.890	114.308	114.952	115.418	116.633	117.252
3	Goods	117.414	122.166	122.955	123.602	123.957	126.089	126.769
4	Durable goods	136.919	146.395	147.789	149.251	149.013	152.538	156.036
5	Nondurable goods	109.253	112.146	112.695	113.023	113.608	115.185	114.771
6	Services	107.004	109.954	110.208	110.849	111.361	112.184	112.774
7	Gross private domestic investment	145.549	152.761	153.461	152.570	151.294	148.226	149.377
8	Fixed investment	131.342	136.633	137.956	137.895	137.570	137.179	136.970
9	Nonresidential	131.967	134.697	135.754	134.611	133.442	133.766	134.149
10	Structures	107.918	103.166	103.456	99.291	99.317	98.794	100.099
11	Equipment	160.752	166.451	168.511	167.400	163.270	162.053	160.930
12	Intellectual property products	117.733	123.422	123.987	125.376	126.532	129.279	130.559
13	Residential	128.846	143.923	146.263	150.290	153.133	150.079	147.691
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	133.414	133.560	133.550	132.629	132.389	132.974	136.194
17	Goods	135.879	135.016	135.265	133.673	133.705	134.268	138.882
18	Services	128.362	130.477	129.987	130.323	129.589	130.213	130.903
19	Imports	128.279	134.155	134.510	134.752	134.544	134.620	135.403
20	Goods	131.474	137.970	138.176	138.427	137.970	137.981	138.297
21	Services	114.896	118.215	119.159	119.374	120.121	120.441	123.014
22	Government consumption expenditures and gross investment	91.710	93.350	93.696	93.933	94.304	93.907	94.023
23	Federal	91.471	91.472	91.378	92.226	91.874	91.791	92.355
24	National defense	87.065	85.252	84.872	85.793	85.109	84.430	84.875
25	Nondefense	99.504	102.762	103.179	103.900	104.137	105.115	105.892
26	State and local	91.806	94.485	95.110	94.959	95.790	95.192	95.024

Table 1.1.4. Price Indexes for Gross Domestic Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
2	Personal consumption expenditures	109.150	109.532	109.784	109.892	109.969	110.519	110.917
3	Goods	105.727	102.680	102.806	102.144	101.109	101.301	101.082
4	Durable goods	92.411	90.463	90.231	89.813	89.619	89.045	88.126
5	Nondurable goods	112.595	108.920	109.264	108.459	106.917	107.582	107.807
6	Services	110.946	113.149	113.469	113.990	114.663	115.405	116.137
7	Gross private domestic investment	105.655	106.539	106.663	106.742	106.889	107.366	107.712
8	Fixed investment	106.030	107.062	107.184	107.300	107.467	108.048	108.471
9	Nonresidential	104.423	105.051	105.141	105.116	105.172	105.476	105.560
10	Structures	112.213	112.202	112.168	112.113	111.682	112.566	112.446
11	Equipment	100.482	101.277	101.285	101.299	101.366	101.392	101.671
12	Intellectual property products	104.772	105.583	105.889	105.825	106.168	106.526	106.451
13	Residential	112.795	115.479	115.726	116.371	116.952	118.553	120.248
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	112.134	106.778	106.548	105.039	103.669	104.671	105.267
17	Goods	111.804	104.196	103.820	101.739	99.084	100.513	101.119
18	Services	112.868	112.317	112.395	112.086	113.410	113.515	114.088
19	Imports	113.368	104.726	104.304	102.252	100.675	101.211	101.839
20	Goods	114.619	104.417	103.940	101.524	99.613	100.233	101.055
21	Services	108.018	106.628	106.466	106.111	106.087	106.239	105.975
22	Government consumption expenditures and gross investment	111.263	111.605	111.816	111.835	111.713	112.462	113.082
23	Federal	109.431	109.979	110.096	109.881	110.286	110.869	111.311
24	National defense	108.699	108.923	109.010	108.765	109.015	109.585	110.000
25	Nondefense	110.668	111.724	111.888	111.717	112.356	112.961	113.442
26	State and local	112.522	112.732	113.003	113.169	112.715	113.570	114.301

Table 1.1.5. Gross Domestic Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Personal consumption expenditures	11,863.4	12,283.7	12,356.9	12,438.8	12,498.0	12,692.7	12,806.0
3	Goods	3,970.5	4,012.1	4,043.0	4,038.1	4,008.7	4,085.4	4,098.5
4	Durable goods	1,294.8	1,355.2	1,364.7	1,371.8	1,366.6	1,390.0	1,407.2
5	Nondurable goods	2,675.7	2,656.9	2,678.4	2,666.3	2,642.0	2,695.4	2,691.3
6	Services	7,892.9	8,271.6	8,313.9	8,400.6	8,489.3	8,607.3	8,707.5
7	Gross private domestic investment	2,886.5	3,056.6	3,072.1	3,059.9	3,036.8	2,987.5	3,019.5
8	Fixed investment	2,821.0	2,963.2	2,995.3	2,997.2	2,994.8	3,002.5	3,009.6
9	Nonresidential	2,251.0	2,311.3	2,331.5	2,311.3	2,292.4	2,304.7	2,313.1
10	Structures	530.7	507.3	508.5	487.8	486.0	487.3	493.2
11	Equipment	1,040.7	1,086.1	1,099.7	1,092.6	1,066.3	1,058.7	1,054.2
12	Intellectual property products	679.6	717.9	723.3	730.9	740.1	758.7	765.6
13	Residential	570.1	651.9	663.8	685.9	702.4	697.8	696.5
14	Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
15	Net exports of goods and services	-508.8	-522.0	-523.4	-520.9	-507.4	-492.4	-458.6
16	Exports	2,375.3	2,264.3	2,259.1	2,211.7	2,179.0	2,209.7	2,276.1
17	Goods	1,618.1	1,498.4	1,495.6	1,448.3	1,410.9	1,437.2	1,495.6
18	Services	757.2	765.9	763.5	763.4	768.1	772.5	780.5
19	Imports	2,884.1	2,786.3	2,782.5	2,732.6	2,686.3	2,702.2	2,734.8
20	Goods	2,396.5	2,291.1	2,284.1	2,235.0	2,185.7	2,199.4	2,222.6
21	Services	487.6	495.2	498.4	497.7	500.7	502.7	512.2
22	Government consumption expenditures and gross investment	3,152.1	3,218.3	3,236.3	3,245.0	3,254.3	3,262.3	3,284.4
23	Federal	1,218.9	1,225.0	1,225.0	1,234.0	1,233.8	1,239.2	1,251.8
24	National defense	746.0	732.0	729.3	735.6	731.4	729.3	736.0
25	Nondefense	472.9	493.0	495.7	498.4	502.4	509.9	515.8
26	State and local	1,933.2	1,993.3	2,011.3	2,011.0	2,020.5	2,023.1	2,032.6

Table 1.1.6. Real Gross Domestic Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Personal consumption expenditures	10,868.9	11,214.7	11,255.9	11,319.3	11,365.2	11,484.9	11,545.8
3	Goods	3,755.4	3,907.4	3,932.6	3,953.4	3,964.7	4,032.9	4,054.6
4	Durable goods	1,401.1	1,498.1	1,512.4	1,527.3	1,524.9	1,560.9	1,596.7
5	Nondurable goods	2,376.4	2,439.3	2,451.3	2,458.4	2,471.1	2,505.4	2,496.4
6	Services	7,114.2	7,310.3	7,327.2	7,369.8	7,403.9	7,458.5	7,497.8
7	Gross private domestic investment	2,733.6	2,869.0	2,882.2	2,865.4	2,841.5	2,783.8	2,805.5
8	Fixed investment	2,660.6	2,767.8	2,794.5	2,793.3	2,786.7	2,778.8	2,774.6
9	Nonresidential	2,155.6	2,200.2	2,217.5	2,198.8	2,179.7	2,185.0	2,191.2
10	Structures	472.9	452.1	453.4	435.1	435.2	432.9	438.6
11	Equipment	1,035.7	1,072.5	1,085.7	1,078.6	1,052.0	1,044.1	1,036.9
12	Intellectual property products	648.6	680.0	683.1	690.7	697.1	712.2	719.3
13	Residential	505.4	564.5	573.7	589.5	600.7	588.7	579.3
14	Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
15	Net exports of goods and services	-425.7	-540.0	-547.1	-566.6	-566.3	-558.5	-522.9
16	Exports	2,118.3	2,120.6	2,120.4	2,105.8	2,102.0	2,111.3	2,162.4
17	Goods	1,447.3	1,438.1	1,440.7	1,423.8	1,424.1	1,430.1	1,479.3
18	Services	670.9	681.9	679.3	681.1	677.3	680.5	684.1
19	Imports	2,544.0	2,660.5	2,667.6	2,672.4	2,668.2	2,669.7	2,685.3
20	Goods	2,090.8	2,194.1	2,197.4	2,201.4	2,194.1	2,194.3	2,199.3
21	Services	451.4	464.4	468.2	469.0	471.9	473.2	483.3
22	Government consumption expenditures and gross investment	2,833.0	2,883.7	2,894.4	2,901.7	2,913.2	2,900.9	2,904.5
23	Federal	1,113.8	1,113.8	1,112.7	1,123.0	1,118.7	1,117.7	1,124.6
24	National defense	686.3	672.0	669.0	676.3	670.9	665.5	669.0
25	Nondefense	427.3	441.3	443.1	446.2	447.2	451.4	454.7
26	State and local	1,718.1	1,768.2	1,779.9	1,777.1	1,792.6	1,781.4	1,778.3
27	Residual	-37.3	-46.5	-49.2	-49.6	-46.5	-51.8	-58.4

Legend / Footnotes:

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 1.1.7. Percent Change From Preceding Period in Prices for Gross Domestic Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	1.8	1.1	1.3	0.8	0.5	2.3	1.5
2	Personal consumption expenditures	1.5	0.3	1.1	0.4	0.3	2.0	1.4
3	Goods	-0.4	-2.9	-0.9	-2.6	-4.0	0.8	-0.9
4	Durable goods	-2.3	-2.1	-2.6	-1.8	-0.9	-2.5	-4.1
5	Nondurable goods	0.6	-3.3	0.0	-2.9	-5.6	2.5	0.8
6	Services	2.5	2.0	2.2	1.8	2.4	2.6	2.6
7	Gross private domestic investment	2.1	0.8	1.2	0.3	0.6	1.8	1.3
8	Fixed investment	2.3	1.0	1.3	0.4	0.6	2.2	1.6
9	Nonresidential	1.4	0.6	0.8	-0.1	0.2	1.2	0.3
10	Structures	3.8	0.0	0.9	-0.2	-1.5	3.2	-0.4
11	Equipment	0.4	0.8	0.1	0.1	0.3	0.1	1.1
12	Intellectual property products	1.0	0.8	1.8	-0.2	1.3	1.4	-0.3
13	Residential	6.0	2.4	2.9	2.2	2.0	5.6	5.8
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	0.1	-4.8	-4.0	-5.5	-5.1	3.9	2.3
17	Goods	-0.9	-6.8	-5.8	-7.8	-10.0	5.9	2.4
18	Services	2.1	-0.5	-0.4	-1.1	4.8	0.4	2.0
19	Imports	-0.2	-7.6	-4.5	-7.6	-6.0	2.1	2.5
20	Goods	-0.6	-8.9	-5.0	-9.0	-7.3	2.5	3.3
21	Services	1.7	-1.3	-2.2	-1.3	-0.1	0.6	-1.0
22	Government consumption expenditures and gross investment	2.0	0.3	0.5	0.1	-0.4	2.7	2.2
23	Federal	1.7	0.5	0.0	-0.8	1.5	2.1	1.6
24	National defense	1.4	0.2	-0.2	-0.9	0.9	2.1	1.5
25	Nondefense	2.2	1.0	0.3	-0.6	2.3	2.2	1.7
26	State and local	2.2	0.2	0.8	0.6	-1.6	3.1	2.6
Addenda:								
27	Gross national product	1.8	1.0	1.3	0.8	0.5	2.3	---
Implicit price deflators:								
28	Gross domestic product ¹	1.8	1.1	1.2	0.9	0.5	2.3	1.5
29	Gross national product ¹	1.8	1.0	1.2	0.9	0.4	2.3	---

Legend / Footnotes:

1. The percent change for this series is calculated from the implicit price deflator in NIPA table 1.1.9.

Table 1.1.8. Contributions to Percent Change in the Gross Domestic Product Price Index

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Percent change at annual rate: Gross domestic product	1.8	1.1	1.3	0.8	0.5	2.3	1.5
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.03	0.24	0.79	0.27	0.19	1.38	0.99
3	Goods	-0.08	-0.66	-0.20	-0.57	-0.90	0.17	-0.19
4	Durable goods	-0.18	-0.16	-0.20	-0.14	-0.06	-0.19	-0.31
5	Nondurable goods	0.09	-0.50	0.00	-0.43	-0.83	0.36	0.12
6	Services	1.11	0.90	0.99	0.85	1.09	1.21	1.18
7	Gross private domestic investment	0.35	0.14	0.18	0.04	0.09	0.30	0.21
8	Fixed investment	0.36	0.16	0.20	0.07	0.10	0.35	0.25
9	Nonresidential	0.17	0.08	0.10	-0.01	0.03	0.15	0.04
10	Structures	0.11	0.00	0.02	-0.01	-0.04	0.08	-0.01
11	Equipment	0.03	0.05	0.00	0.00	0.02	0.01	0.06
12	Intellectual property products	0.04	0.03	0.07	-0.01	0.05	0.06	-0.01
13	Residential	0.19	0.08	0.10	0.08	0.08	0.21	0.21
14	Change in private inventories	-0.01	-0.02	-0.02	-0.02	-0.01	-0.06	-0.04
15	Net exports of goods and services	0.05	0.63	0.21	0.51	0.29	0.15	-0.09
16	Exports	0.01	-0.64	-0.51	-0.70	-0.63	0.46	0.28
17	Goods	-0.08	-0.62	-0.50	-0.66	-0.83	0.45	0.19
18	Services	0.09	-0.02	-0.01	-0.05	0.20	0.02	0.08
19	Imports	0.04	1.28	0.72	1.21	0.92	-0.31	-0.36
20	Goods	0.09	1.24	0.66	1.17	0.92	-0.29	-0.39
21	Services	-0.05	0.04	0.06	0.04	0.00	-0.02	0.03
22	Government consumption expenditures and gross investment	0.37	0.06	0.09	0.01	-0.08	0.48	0.39
23	Federal	0.12	0.03	0.00	-0.05	0.10	0.14	0.11
24	National defense	0.06	0.01	-0.01	-0.04	0.04	0.08	0.06
25	Nondefense	0.06	0.03	0.01	-0.02	0.06	0.06	0.05
26	State and local	0.25	0.02	0.09	0.07	-0.18	0.33	0.28

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.828	109.998	110.253	110.504	110.630	111.258	111.670
2	Personal consumption expenditures	109.150	109.532	109.782	109.890	109.967	110.517	110.915
3	Goods	105.727	102.680	102.807	102.144	101.110	101.302	101.083
4	Durable goods	92.411	90.463	90.236	89.818	89.624	89.049	88.131
5	Nondurable goods	112.595	108.920	109.264	108.459	106.916	107.581	107.807
6	Services	110.946	113.149	113.465	113.987	114.660	115.402	116.133
7	Gross private domestic investment	105.593	106.539	106.589	106.786	106.873	107.315	107.628
8	Fixed investment	106.030	107.062	107.184	107.300	107.467	108.048	108.471
9	Nonresidential	104.423	105.051	105.141	105.117	105.173	105.477	105.561
10	Structures	112.213	112.202	112.165	112.108	111.678	112.562	112.442
11	Equipment	100.482	101.277	101.286	101.301	101.367	101.393	101.673
12	Intellectual property products	104.771	105.583	105.885	105.821	106.163	106.522	106.446
13	Residential	112.795	115.479	115.709	116.355	116.936	118.537	120.231
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	112.134	106.778	106.541	105.031	103.661	104.663	105.259
17	Goods	111.804	104.196	103.808	101.725	99.070	100.498	101.105
18	Services	112.868	112.317	112.395	112.086	113.411	113.515	114.088
19	Imports	113.368	104.726	104.309	102.255	100.678	101.215	101.842
20	Goods	114.619	104.417	103.944	101.525	99.614	100.234	101.057
21	Services	108.018	106.628	106.469	106.115	106.090	106.243	105.979
22	Government consumption expenditures and gross investment	111.263	111.605	111.815	111.833	111.711	112.461	113.080
23	Federal	109.431	109.979	110.097	109.882	110.286	110.870	111.312
24	National defense	108.699	108.923	109.010	108.766	109.015	109.586	110.001
25	Nondefense	110.668	111.724	111.889	111.719	112.358	112.963	113.444
26	State and local	112.522	112.732	113.000	113.165	112.712	113.566	114.298
	Addendum:							
27	Gross national product	108.947	110.090	110.344	110.593	110.714	111.340	---

Table 1.1.10. Percentage Shares of Gross Domestic Product

[Percent]

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	Personal consumption expenditures	68.2	68.1	68.1	68.3	68.4	68.8	68.7
3	Goods	22.8	22.2	22.3	22.2	21.9	22.1	22.0
4	Durable goods	7.4	7.5	7.5	7.5	7.5	7.5	7.5
5	Nondurable goods	15.4	14.7	14.8	14.6	14.5	14.6	14.4
6	Services	45.4	45.9	45.8	46.1	46.4	46.7	46.7
7	Gross private domestic investment	16.6	16.9	16.9	16.8	16.6	16.2	16.2
8	Fixed investment	16.2	16.4	16.5	16.4	16.4	16.3	16.1
9	Nonresidential	12.9	12.8	12.9	12.7	12.5	12.5	12.4
10	Structures	3.1	2.8	2.8	2.7	2.7	2.6	2.6
11	Equipment	6.0	6.0	6.1	6.0	5.8	5.7	5.7
12	Intellectual property products	3.9	4.0	4.0	4.0	4.0	4.1	4.1
13	Residential	3.3	3.6	3.7	3.8	3.8	3.8	3.7
14	Change in private inventories	0.4	0.5	0.4	0.3	0.2	-0.1	0.1
15	Net exports of goods and services	-2.9	-2.9	-2.9	-2.9	-2.8	-2.7	-2.5
16	Exports	13.7	12.6	12.5	12.1	11.9	12.0	12.2
17	Goods	9.3	8.3	8.2	7.9	7.7	7.8	8.0
18	Services	4.4	4.2	4.2	4.2	4.2	4.2	4.2
19	Imports	16.6	15.4	15.3	15.0	14.7	14.6	14.7
20	Goods	13.8	12.7	12.6	12.3	12.0	11.9	11.9
21	Services	2.8	2.7	2.7	2.7	2.7	2.7	2.7
22	Government consumption expenditures and gross investment	18.1	17.8	17.8	17.8	17.8	17.7	17.6
23	Federal	7.0	6.8	6.8	6.8	6.7	6.7	6.7
24	National defense	4.3	4.1	4.0	4.0	4.0	4.0	3.9
25	Nondefense	2.7	2.7	2.7	2.7	2.7	2.8	2.8
26	State and local	11.1	11.1	11.1	11.0	11.1	11.0	10.9

Table 1.1.11. Real Gross Domestic Product: Percent Change From Quarter One Year Ago

[Percent]

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2015		2016		
		III	IV	I	II	III
1	Gross domestic product (GDP)	2.2	1.9	1.6	1.3	1.5
2	Personal consumption expenditures	3.1	2.6	2.4	2.7	2.6
3	Goods	4.1	3.3	2.9	3.6	3.1
4	Durable goods	6.6	5.5	4.2	4.8	5.6
5	Nondurable goods	2.8	2.3	2.3	3.0	1.8
6	Services	2.7	2.2	2.1	2.3	2.3
7	Gross private domestic investment	3.8	2.6	-0.7	-2.9	-2.7
8	Fixed investment	3.8	3.4	2.2	0.8	-0.7
9	Nonresidential	1.4	0.8	-0.4	-0.5	-1.2
10	Structures	-4.0	-8.8	-5.7	-5.5	-3.2
11	Equipment	2.0	3.7	-1.1	-1.7	-4.5
12	Intellectual property products	4.6	3.8	4.6	4.8	5.3
13	Residential	13.0	13.1	11.7	5.7	1.0
14	Change in private inventories	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---
16	Exports	-0.4	-2.2	-0.9	-1.1	2.0
17	Goods	-1.4	-3.4	-0.8	-1.5	2.7
18	Services	1.7	0.5	-1.0	-0.4	0.7
19	Imports	5.1	2.5	1.0	0.3	0.7
20	Goods	5.4	2.7	0.7	-0.2	0.1
21	Services	3.9	1.9	2.6	2.8	3.2
22	Government consumption expenditures and gross investment	1.8	2.2	1.9	0.7	0.3
23	Federal	-0.8	1.7	0.8	0.7	1.1
24	National defense	-3.5	0.6	-0.1	-0.8	0.0
25	Nondefense	3.6	3.4	2.3	2.9	2.6
26	State and local	3.5	2.5	2.6	0.7	-0.1
	Addenda:					
27	Final sales of domestic product	2.2	2.0	2.1	1.9	1.8
28	Gross domestic purchases	3.0	2.5	1.8	1.4	1.3
29	Final sales to domestic purchasers	3.0	2.6	2.3	2.1	1.7
30	Final sales to private domestic purchasers ¹	3.3	2.7	2.3	2.3	1.9
31	Gross domestic income (GDI)	2.1	1.5	1.3	1.1	---
32	Average of GDP and GDI ²	2.2	1.7	1.4	1.2	---
33	Gross national product	1.8	1.7	1.3	1.3	---
34	Real disposable personal income	3.3	3.0	3.1	2.6	2.3
	Price indexes (chain-type):					
35	Gross domestic purchases	0.3	0.4	0.8	0.9	1.0
36	Gross domestic purchases excluding food and energy ³	1.0	1.0	1.2	1.3	1.5
37	Gross domestic product	1.0	1.1	1.2	1.2	1.3
38	Gross domestic product excluding food and energy ¹	1.2	1.2	1.4	1.5	1.6
39	Personal consumption expenditures	0.3	0.4	0.9	1.0	1.0
40	Personal consumption expenditures excluding food and energy ³	1.3	1.4	1.6	1.6	1.7
41	Market-based PCE ⁴	-0.1	0.1	0.6	0.7	0.8
42	Market-based PCE excluding food and energy ⁴	1.1	1.1	1.4	1.4	1.5

Legend / Footnotes:

1. Final sales to domestic purchasers less government consumption expenditures and gross investment.

2. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.

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

4. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Note. Percent changes for real estimates are calculated from corresponding quantity indexes presented in NIPA tables 1.1.3, 1.2.3, 1.4.3, and 1.7.3. Percent changes in price estimates are calculated from corresponding price indexes presented in NIPA tables 1.1.4, 1.6.4, and 2.3.4.

Table 1.2.1. Percent Change From Preceding Period in Real Gross Domestic Product by Major Type of Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Final sales of domestic product	2.5	2.4	2.6	1.2	1.2	2.6	2.3
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	3.1	2.5	2.5	-0.8	-1.4	2.2	7.4
5	Final sales	3.6	2.0	4.5	0.4	0.0	6.3	5.3
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	2.8	1.5	2.4	0.3	-2.9	3.4	7.9
8	Final sales	3.2	1.9	4.9	0.5	-1.9	6.3	4.3
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	3.4	3.8	2.5	-2.1	0.5	0.8	6.8
11	Final sales	4.1	2.1	4.1	0.3	2.3	6.4	6.5
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	1.7	2.4	1.5	2.1	1.1	2.4	1.7
14	Structures	5.2	4.3	3.9	-1.9	7.4	-8.7	-4.1
	Addenda:							
15	Motor vehicle output	7.6	5.0	16.5	-15.2	2.2	7.5	2.0
16	Gross domestic product excluding motor vehicle output	2.2	2.5	1.6	1.4	0.8	1.2	2.9
17	Final sales of computers ³	9.4	9.8	4.7	2.9	54.3	17.8	-6.4
18	Gross domestic product excluding final sales of computers	2.3	2.6	2.0	0.9	0.7	1.3	2.9
19	Gross domestic purchases excluding final sales of computers to domestic purchasers	2.4	3.2	2.4	1.4	0.7	1.1	2.0
20	Research and development	0.4	2.2	3.3	4.7	0.6	11.8	2.1
21	Gross domestic product excluding research and development	2.4	2.6	2.0	0.8	0.8	1.2	2.9
22	Final sales of domestic product, current dollars	4.4	3.6	3.9	2.1	1.8	5.0	3.9

Legend / Footnotes:

1. Prior to 1959, inventories held by construction establishments are included in nondurable goods. Beginning with 1959, these inventories are included in durable goods. Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.2. Contributions to Percent Change in Real Gross Domestic Product by Major Type of Product

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Percent change at annual rate: Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
	Percentage points at annual rates:							
2	Final sales of domestic product	2.51	2.43	2.55	1.24	1.24	2.57	2.29
3	Change in private inventories	-0.14	0.17	-0.57	-0.36	-0.41	-1.16	0.61
4	Goods	0.94	0.77	0.75	-0.24	-0.42	0.66	2.15
5	Final sales	1.08	0.60	1.32	0.12	-0.01	1.82	1.54
6	Change in private inventories	-0.14	0.17	-0.57	-0.36	-0.41	-1.16	0.61
7	Durable goods	0.48	0.25	0.40	0.05	-0.49	0.56	1.26
8	Final sales	0.53	0.32	0.78	0.09	-0.31	1.00	0.69
9	Change in private inventories ¹	-0.06	-0.07	-0.38	-0.03	-0.18	-0.45	0.57
10	Nondurable goods	0.46	0.52	0.35	-0.29	0.07	0.11	0.89
11	Final sales	0.55	0.28	0.55	0.04	0.30	0.82	0.85
12	Change in private inventories ¹	-0.08	0.24	-0.19	-0.33	-0.23	-0.71	0.05
13	Services ²	1.04	1.49	0.92	1.26	0.68	1.48	1.08
14	Structures	0.39	0.34	0.31	-0.15	0.57	-0.73	-0.33
	Addenda:							
15	Motor vehicle output	0.21	0.14	0.46	-0.49	0.06	0.21	0.06
16	Gross domestic product excluding motor vehicle output	2.16	2.45	1.52	1.37	0.77	1.20	2.84
17	Final sales of computers ³	0.04	0.04	0.02	0.01	0.18	0.07	-0.03
18	Gross domestic product excluding final sales of computers	2.33	2.56	1.97	0.86	0.65	1.34	2.93
19	Research and development	0.01	0.05	0.08	0.12	0.01	0.29	0.05
20	Gross domestic product excluding research and development	2.36	2.54	1.90	0.76	0.82	1.12	2.85

Legend / Footnotes:

1. Prior to 1959, inventories held by construction establishments are included in nondurable goods. Beginning with 1959, these inventories are included in durable goods. Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.3. Real Gross Domestic Product by Major Type of Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Final sales of domestic product	109.245	111.906	112.394	112.743	113.093	113.821	114.466
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	127.529	130.768	131.421	131.159	130.698	131.426	133.798
5	Final sales	121.359	123.798	124.766	124.897	124.882	126.818	128.455
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	133.003	134.996	135.644	135.758	134.755	135.900	138.513
8	Final sales	124.231	126.631	127.721	127.896	127.287	129.250	130.612
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	121.007	125.641	126.298	125.614	125.770	126.021	128.115
11	Final sales	117.845	120.326	121.151	121.230	121.914	123.816	125.773
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	104.316	106.829	107.016	107.565	107.859	108.501	108.965
14	Structures	105.853	110.384	111.671	111.136	113.131	110.581	109.433
	Addenda:							
15	Motor vehicle output	182.944	192.077	198.677	190.627	191.646	195.159	196.121
16	Gross domestic product excluding motor vehicle output	109.555	112.321	112.611	113.007	113.231	113.579	114.402
17	Final sales of computers ³	145.471	159.691	163.631	164.807	183.685	191.372	188.246
18	Gross domestic product excluding final sales of computers	110.722	113.565	113.955	114.200	114.387	114.771	115.606
19	Gross domestic purchases excluding final sales of computers to domestic purchasers	110.526	114.070	114.479	114.885	115.092	115.405	115.974
20	Research and development	104.940	107.208	107.822	109.063	109.220	112.319	112.900
21	Gross domestic product excluding research and development	111.004	113.899	114.293	114.514	114.754	115.083	115.915

Legend / Footnotes:

1. Prior to 1959, inventories held by construction establishments are included in nondurable goods. Beginning with 1959, these inventories are included in durable goods. Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.4. Price Indexes for Gross Domestic Product by Major Type of Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
2	Final sales of domestic product	108.891	110.077	110.347	110.584	110.724	111.375	111.805
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	102.594	102.648	102.879	102.794	102.155	102.440	102.114
5	Final sales	102.710	102.827	103.060	102.992	102.354	102.692	102.403
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	99.473	99.880	99.983	99.933	100.074	99.826	99.358
8	Final sales	99.537	99.961	100.065	100.011	100.135	99.948	99.489
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	106.666	106.259	106.654	106.525	104.875	105.850	105.708
11	Final sales	106.823	106.537	106.936	106.851	105.217	106.238	106.170
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	111.455	113.169	113.470	113.867	114.429	115.164	115.930
14	Structures	113.118	114.591	114.765	115.010	115.068	116.353	117.167
Addenda:								
15	Motor vehicle output	111.387	112.839	112.899	112.786	113.225	112.668	112.800
16	Gross domestic product excluding motor vehicle output	108.797	109.949	110.224	110.465	110.593	111.262	111.688
17	Final sales of computers ³	67.351	62.503	62.178	61.529	59.274	58.103	57.513
18	Gross domestic product excluding final sales of computers	109.061	110.262	110.535	110.772	110.927	111.575	112.000
19	Implicit price deflator for final sales of domestic product	108.891	110.077	110.344	110.581	110.722	111.372	111.802
20	Research and development	111.767	114.293	114.613	114.379	114.987	115.587	116.239
21	Gross domestic product excluding research and development	108.761	109.887	110.155	110.397	110.522	111.156	111.567

Legend / Footnotes:

1. Prior to 1959, inventories held by construction establishments are included in nondurable goods. Beginning with 1959, these inventories are included in durable goods. Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.5. Gross Domestic Product by Major Type of Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Final sales of domestic product	17,327.7	17,943.3	18,065.1	18,160.1	18,239.7	18,465.0	18,641.3
3	Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
4	Goods	5,306.8	5,446.2	5,483.5	5,471.4	5,416.6	5,461.0	5,541.0
5	Final sales	5,241.4	5,352.8	5,406.7	5,408.8	5,374.6	5,476.0	5,531.1
6	Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
7	Durable goods	2,931.3	2,988.0	3,004.6	3,006.4	2,988.3	3,006.3	3,049.7
8	Final sales	2,884.7	2,952.9	2,981.4	2,983.9	2,973.4	3,013.6	3,031.3
9	Change in private inventories ¹	46.7	35.1	23.2	22.5	14.9	-7.3	18.3
10	Nondurable goods	2,375.5	2,458.2	2,478.8	2,465.0	2,428.3	2,454.7	2,491.3
11	Final sales	2,356.7	2,399.8	2,425.3	2,424.9	2,401.3	2,462.4	2,499.7
12	Change in private inventories ¹	18.8	58.3	53.6	40.1	27.0	-7.7	-8.5
13	Services ²	10,720.0	11,147.1	11,196.1	11,292.9	11,379.7	11,520.9	11,647.2
14	Structures	1,366.3	1,443.3	1,462.4	1,458.5	1,485.4	1,468.1	1,463.1
Addenda:								
15	Motor vehicle output	502.6	534.5	553.2	530.2	535.2	542.3	545.5
16	Gross domestic product excluding motor vehicle output	16,890.5	17,502.1	17,588.7	17,692.6	17,746.5	17,907.8	18,105.7
17	Final sales of computers ³	71.0	72.4	73.8	73.5	79.0	80.6	78.5
18	Gross domestic product excluding final sales of computers	17,322.1	17,964.3	18,068.1	18,149.2	18,202.7	18,369.4	18,572.7
19	Research and development	439.6	459.3	463.2	467.5	470.7	486.6	491.9
20	Gross domestic product excluding research and development	16,953.5	17,577.4	17,678.8	17,755.2	17,810.9	17,963.5	18,159.3

Legend / Footnotes:

1. Prior to 1959, inventories held by construction establishments are included in nondurable goods. Beginning with 1959, these inventories are included in durable goods. Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Table 1.2.6. Real Gross Domestic Product by Major Type of Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Final sales of domestic product	15,912.9	16,300.6	16,371.7	16,422.4	16,473.5	16,579.5	16,673.4
3	Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
4	Residual	11.7	12.5	12.3	11.4	10.8	13.1	16.1
5	Goods	5,174.3	5,305.7	5,332.2	5,321.6	5,302.9	5,332.4	5,428.7
6	Final sales	5,103.1	5,205.6	5,246.3	5,251.8	5,251.2	5,332.6	5,401.4
7	Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
8	Durable goods	2,947.1	2,991.3	3,005.6	3,008.2	2,986.0	3,011.3	3,069.2
9	Final sales	2,898.1	2,954.1	2,979.5	2,983.6	2,969.4	3,015.2	3,047.0
10	Change in private inventories ¹	43.8	33.0	22.6	21.4	13.8	-6.0	17.1
11	Nondurable goods	2,228.4	2,313.7	2,325.8	2,313.2	2,316.1	2,320.7	2,359.2
12	Final sales	2,206.2	2,252.6	2,268.0	2,269.5	2,282.3	2,317.9	2,354.6
13	Change in private inventories ¹	16.3	50.8	47.7	35.3	26.8	-3.6	-4.0
14	Services ²	9,618.3	9,850.0	9,867.2	9,917.8	9,944.9	10,004.1	10,047.0
15	Structures	1,207.9	1,259.5	1,274.2	1,268.1	1,290.9	1,261.8	1,248.7
16	Residual	-8.2	-2.9	-4.5	-5.2	-3.1	-6.3	-8.2
17	Motor vehicle output	451.5	474.1	490.4	470.5	473.0	481.7	484.1
18	Gross domestic product excluding motor vehicle output	15,526.1	15,918.1	15,959.1	16,015.2	16,047.0	16,096.3	16,212.9
19	Final sales of computers ³	105.5	115.8	118.6	119.5	133.1	138.7	136.5
20	Gross domestic product excluding final sales of computers	15,884.4	16,292.3	16,348.2	16,383.5	16,410.2	16,465.3	16,585.1
21	Research and development	393.3	401.8	404.1	408.8	409.4	421.0	423.2
22	Gross domestic product excluding research and development	15,589.4	15,995.9	16,051.2	16,082.3	16,116.0	16,162.1	16,279.0

Legend / Footnotes:

1. Prior to 1959, inventories held by construction establishments are included in nondurable goods. Beginning with 1959, these inventories are included in durable goods. Estimates for durable goods and nondurable goods for 1996 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. Includes government consumption expenditures, which are for services (such as education and national defense) produced by government. In current dollars, these services are valued at their cost of production.

3. Some components of final sales of computers include computer parts.

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line following change in private inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in private inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.

Table 1.3.1. Percent Change From Preceding Period in Real Gross Value Added by Sector

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Business ¹	3.0	3.1	2.1	0.8	0.8	1.6	3.5
3	Nonfarm ²	3.0	3.1	1.8	0.8	0.7	1.6	3.4
4	Farm	-1.9	3.1	32.7	5.9	6.6	11.5	20.0
5	Households and institutions	1.2	1.6	2.0	1.8	1.5	0.9	1.1
6	Households	1.8	1.4	1.5	1.0	1.2	0.3	0.5
7	Nonprofit institutions serving households ³	0.5	1.8	2.7	2.8	2.0	1.6	1.9
8	General government ⁴	0.0	0.6	1.3	0.0	0.4	0.5	1.0
9	Federal	-1.0	-0.8	0.0	-0.2	-0.1	0.2	0.4
10	State and local	0.4	1.3	1.8	0.1	0.6	0.6	1.2
Addendum:								
11	Gross housing value added	2.0	2.2	2.0	1.3	1.1	0.4	0.5

Legend / Footnotes:

1. Equals gross domestic product excluding gross value added of households and institutions and of general government.

2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

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

Table 1.3.3. Real Gross Value Added by Sector, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Business ¹	114.107	117.625	118.087	118.337	118.569	119.054	120.088
3	Nonfarm ²	114.279	117.801	118.231	118.466	118.683	119.142	120.138
4	Farm	101.456	104.604	107.699	109.248	110.996	114.058	119.386
5	Households and institutions	104.578	106.217	106.492	106.971	107.375	107.619	107.907
6	Households	103.442	104.849	105.069	105.340	105.647	105.739	105.860
7	Nonprofit institutions serving households ³	106.139	108.089	108.438	109.194	109.725	110.173	110.687
8	General government ⁴	99.092	99.723	99.918	99.926	100.030	100.157	100.397
9	Federal	101.467	100.619	100.590	100.538	100.523	100.574	100.682
10	State and local	97.973	99.272	99.568	99.603	99.760	99.921	100.221
Addendum:								
11	Gross housing value added	105.545	107.829	108.159	108.497	108.786	108.906	109.053

Legend / Footnotes:

1. Equals gross domestic product excluding gross value added of households and institutions and of general government.

2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

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

Table 1.3.4. Price Indexes for Gross Value Added by Sector

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
2	Business ¹	108.561	109.296	109.568	109.575	109.689	110.274	110.558
3	Nonfarm ²	108.146	109.169	109.414	109.522	109.710	110.346	110.682
4	Farm	149.237	119.034	122.127	111.523	104.067	99.501	94.589
5	Households and institutions	108.192	111.135	111.466	112.782	112.808	113.768	114.785
6	Households	106.675	109.444	109.843	110.605	111.267	112.352	113.388
7	Nonprofit institutions serving households ³	110.243	113.419	113.661	115.716	114.897	115.691	116.683
8	General government ⁴	111.192	113.211	113.389	113.923	114.334	114.930	115.587
9	Federal	109.456	111.211	111.327	111.309	112.292	112.877	113.353
10	State and local	112.046	114.191	114.399	115.191	115.335	115.936	116.678
Addendum:								
11	Gross housing value added	107.505	110.588	111.026	111.865	112.609	113.725	114.777

Legend / Footnotes:

1. Equals gross domestic product excluding gross value added of households and institutions and of general government.

2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

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

Table 1.3.5. Gross Value Added by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Business ¹	13,126.1	13,624.1	13,709.3	13,742.7	13,782.2	13,911.4	14,067.4
3	Nonfarm ²	12,959.8	13,487.4	13,564.9	13,608.1	13,656.2	13,788.2	13,945.7
4	Farm	166.2	136.7	144.4	134.6	126.0	123.3	121.7
5	Households and institutions	2,165.2	2,258.9	2,271.4	2,308.5	2,317.8	2,342.8	2,370.1
6	Households	1,224.9	1,273.8	1,281.1	1,293.3	1,304.9	1,318.7	1,332.4
7	Nonprofit institutions serving households ³	940.2	985.1	990.3	1,015.2	1,012.9	1,024.1	1,037.7
8	General government ⁴	2,101.9	2,153.7	2,161.2	2,171.6	2,181.7	2,195.8	2,213.7
9	Federal	670.4	675.5	676.0	675.5	681.4	685.3	688.9
10	State and local	1,431.5	1,478.2	1,485.3	1,496.1	1,500.3	1,510.6	1,524.8
	Addendum:							
11	Gross housing value added	1,598.7	1,680.2	1,691.9	1,710.0	1,726.0	1,745.0	1,763.6

Legend / Footnotes:

1. Equals gross domestic product excluding gross value added of households and institutions and of general government.

2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

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

Table 1.3.6. Real Gross Value Added by Sector, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Business ¹	12,092.5	12,465.3	12,514.2	12,540.8	12,565.4	12,616.7	12,726.3
3	Nonfarm ²	11,985.2	12,354.6	12,399.7	12,424.4	12,447.1	12,495.3	12,599.7
4	Farm	111.4	114.9	118.3	120.0	121.9	125.2	131.1
5	Households and institutions	2,001.2	2,032.6	2,037.9	2,047.0	2,054.7	2,059.4	2,064.9
6	Households	1,148.3	1,163.9	1,166.4	1,169.4	1,172.8	1,173.8	1,175.1
7	Nonprofit institutions serving households ³	852.9	868.5	871.3	877.4	881.7	885.3	889.4
8	General government ⁴	1,890.3	1,902.3	1,906.1	1,906.2	1,908.2	1,910.6	1,915.2
9	Federal	612.5	607.4	607.2	606.9	606.8	607.1	607.7
10	State and local	1,277.6	1,294.5	1,298.4	1,298.8	1,300.9	1,303.0	1,306.9
11	Residual	-5.5	-6.6	-6.3	-6.1	-6.1	-6.5	-7.8
	Addendum:							
12	Gross housing value added	1,487.1	1,519.3	1,524.0	1,528.7	1,532.8	1,534.5	1,536.6

Legend / Footnotes:

1. Equals gross domestic product excluding gross value added of households and institutions and of general government.

2. Equals gross domestic business value added excluding gross farm value added.

3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.

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

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 1.4.1. Percent Change From Preceding Period in Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Less: Exports of goods and services	4.3	0.1	-2.8	-2.7	-0.7	1.8	10.0
3	Plus: Imports of goods and services	4.4	4.6	1.1	0.7	-0.6	0.2	2.3
4	Equals: Gross domestic purchases	2.4	3.2	2.4	1.3	0.8	1.2	2.0
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	2.6	3.1	3.0	1.7	1.2	2.4	1.4
Addenda:								
7	Final sales of domestic product	2.5	2.4	2.6	1.2	1.2	2.6	2.3
8	Final sales to private domestic purchasers ¹	3.4	3.3	3.3	1.8	1.1	3.2	1.6
9	Gross domestic purchases, current dollars	4.2	3.7	3.5	1.7	1.0	3.3	3.6
10	Final sales to domestic purchasers, current dollars	4.4	3.5	4.1	2.0	1.4	4.6	3.0
11	Final sales to private domestic purchasers, current dollars ¹	5.1	3.8	4.5	2.2	1.5	5.3	3.1

Legend / Footnotes:

1. Final sales to domestic purchasers less government consumption expenditures and gross investment.

Table 1.4.3. Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Less: Exports of goods and services	133.414	133.560	133.550	132.629	132.389	132.974	136.194
3	Plus: Imports of goods and services	128.279	134.155	134.510	134.752	134.544	134.620	135.403
4	Equals: Gross domestic purchases	110.765	114.335	114.773	115.141	115.373	115.718	116.295
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	109.212	112.565	113.087	113.552	113.894	114.558	114.962
Addenda:								
7	Final sales of domestic product	109.245	111.906	112.394	112.743	113.093	113.821	114.466
8	Final sales to private domestic purchasers ¹	113.849	117.658	118.227	118.753	119.086	120.032	120.512

Legend / Footnotes:

1. Final sales to domestic purchasers less government consumption expenditures and gross investment.

Table 1.4.4. Price Indexes for Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
2	Less: Exports of goods and services	112.134	106.778	106.548	105.039	103.669	104.671	105.267
3	Plus: Imports of goods and services	113.368	104.726	104.304	102.252	100.675	101.211	101.839
4	Equals: Gross domestic purchases	109.109	109.569	109.793	109.881	109.936	110.509	110.937
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	109.159	109.640	109.865	109.959	110.017	110.606	111.046
	Addenda:							
7	Final sales of domestic product	108.891	110.077	110.347	110.584	110.724	111.375	111.805
8	Final sales to private domestic purchasers ¹	108.637	109.148	109.374	109.484	109.579	110.135	110.539
9	Implicit price deflator for final sales to domestic purchasers	109.159	109.640	109.862	109.957	110.015	110.604	111.044

Legend / Footnotes:

1. Final sales to domestic purchasers less government consumption expenditures and gross investment.

Table 1.4.5. Relation of Gross Domestic Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Less: Exports of goods and services	2,375.3	2,264.3	2,259.1	2,211.7	2,179.0	2,209.7	2,276.1
3	Plus: Imports of goods and services	2,884.1	2,786.3	2,782.5	2,732.6	2,686.3	2,702.2	2,734.8
4	Equals: Gross domestic purchases	17,901.9	18,558.6	18,665.3	18,743.7	18,789.0	18,942.5	19,109.8
5	Less: Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
6	Equals: Final sales to domestic purchasers	17,836.4	18,465.2	18,588.5	18,681.0	18,747.1	18,957.5	19,099.9
	Addenda:							
7	Final sales of domestic product	17,327.7	17,943.3	18,065.1	18,160.1	18,239.7	18,465.0	18,641.3
8	Final sales to private domestic purchasers ¹	14,684.4	15,246.9	15,352.2	15,436.0	15,492.8	15,695.2	15,815.6

Legend / Footnotes:

1. Final sales to domestic purchasers less government consumption expenditures and gross investment.

Table 1.4.6. Relation of Real Gross Domestic Product, Real Gross Domestic Purchases, and Real Final Sales to Domestic Purchasers, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Less: Exports of goods and services	2,118.3	2,120.6	2,120.4	2,105.8	2,102.0	2,111.3	2,162.4
3	Plus: Imports of goods and services	2,544.0	2,660.5	2,667.6	2,672.4	2,668.2	2,669.7	2,685.3
4	Equals: Gross domestic purchases	16,408.9	16,937.8	17,002.6	17,057.2	17,091.5	17,142.6	17,228.2
5	Less: Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
6	Equals: Final sales to domestic purchasers	16,339.9	16,841.6	16,919.8	16,989.4	17,040.5	17,139.9	17,200.3
Addenda:								
7	Final sales of domestic product	15,912.9	16,300.6	16,371.7	16,422.4	16,473.5	16,579.5	16,673.4
8	Final sales to private domestic purchasers ¹	13,516.9	13,969.1	14,036.7	14,099.1	14,138.7	14,251.0	14,308.0

Legend / Footnotes:

1. Final sales to domestic purchasers less government consumption expenditures and gross investment.

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table 1.5.1. Percent Change From Preceding Period in Real Gross Domestic Product, Expanded Detail

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Personal consumption expenditures	2.9	3.2	2.7	2.3	1.6	4.3	2.1
3	Goods	3.9	4.0	4.2	2.1	1.2	7.1	2.2
4	Durable goods	6.7	6.9	6.2	4.0	-0.6	9.8	9.5
5	Motor vehicles and parts	6.3	5.0	2.8	-1.7	-8.5	9.0	16.2
6	Furnishings and durable household equipment	7.5	7.0	8.2	6.1	4.9	9.2	4.9
7	Recreational goods and vehicles	8.0	9.7	8.7	7.7	6.8	14.5	9.0
8	Other durable goods	4.4	6.4	6.4	7.4	-3.6	4.2	3.2
9	Nondurable goods	2.6	2.6	3.2	1.2	2.1	5.7	-1.4
10	Food and beverages purchased for off-premises consumption	2.1	0.0	-0.5	-0.2	3.2	7.5	1.7
11	Clothing and footwear	1.7	3.6	2.0	0.7	-0.7	4.8	-0.7
12	Gasoline and other energy goods	0.4	3.5	6.1	-1.0	5.8	-0.3	-3.5
13	Other nondurable goods	4.4	4.4	6.1	3.1	1.3	6.0	-3.6
14	Services	2.3	2.8	2.0	2.3	1.9	3.0	2.1
15	Household consumption expenditures (for services)	2.5	2.9	1.6	2.1	1.9	3.3	2.0
16	Housing and utilities	1.4	1.6	1.7	-1.8	0.7	4.4	2.4
17	Health care	3.2	5.3	3.8	3.7	5.6	7.3	2.3
18	Transportation services	4.6	3.6	0.6	5.4	-1.3	-1.6	-0.4
19	Recreation services	2.1	1.6	1.0	9.9	-0.6	-6.5	1.9
20	Food services and accommodations	3.3	4.4	1.6	3.8	2.5	2.7	3.2
21	Financial services and insurance	1.3	0.3	-0.9	2.1	-2.3	-0.5	0.6
22	Other services	3.3	2.3	-0.2	1.7	3.0	3.2	2.1
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-1.2	0.0	11.5	8.2	0.3	-4.3	4.0
24	Gross output of nonprofit institutions ²	1.5	2.4	1.4	3.4	3.8	5.5	3.1
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	2.5	3.2	-1.7	1.8	5.0	8.9	2.8
26	Gross private domestic investment	4.5	5.0	2.0	-2.3	-3.3	-7.9	3.1
27	Fixed investment	5.5	4.0	5.7	-0.2	-0.9	-1.1	-0.6
28	Nonresidential	6.0	2.1	3.9	-3.3	-3.4	1.0	1.2
29	Structures	10.3	-4.4	-4.3	-15.2	0.1	-2.1	5.4
30	Equipment	5.4	3.5	9.1	-2.6	-9.5	-2.9	-2.7
31	Information processing equipment	2.6	3.9	25.9	1.2	-3.0	-4.9	10.2
32	Computers and peripheral equipment	0.8	-0.4	12.9	-26.0	4.6	11.7	0.8
33	Other	3.3	5.5	30.7	12.0	-5.2	-9.6	13.4
34	Industrial equipment	3.5	1.9	-4.9	10.4	-3.8	9.4	1.1
35	Transportation equipment	11.5	11.5	16.2	-6.2	-12.8	-5.4	-15.1
36	Other equipment	4.5	-4.1	-4.9	-13.6	-18.8	-8.5	-6.7
37	Intellectual property products	3.9	4.8	2.1	4.6	3.7	9.0	4.0
38	Software ⁴	6.0	6.4	-0.9	3.3	7.5	4.5	7.4
39	Research and development ⁵	2.8	3.5	4.4	6.3	1.2	17.0	1.6
40	Entertainment, literary, and artistic originals	-0.3	3.8	5.8	2.8	-1.3	-3.0	0.2
41	Residential	3.5	11.7	12.6	11.5	7.8	-7.7	-6.2
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	4.3	0.1	-2.8	-2.7	-0.7	1.8	10.0
47	Goods	4.4	-0.6	-3.1	-4.6	0.1	1.7	14.5
48	Services	3.9	1.6	-2.3	1.0	-2.2	1.9	2.1
49	Imports	4.4	4.6	1.1	0.7	-0.6	0.2	2.3
50	Goods	4.8	4.9	-0.1	0.7	-1.3	0.0	0.9
51	Services	2.6	2.9	6.9	0.7	2.5	1.1	8.8

Table 1.5.1. Percent Change From Preceding Period in Real Gross Domestic Product, Expanded Detail

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Government consumption expenditures and gross investment	-0.9	1.8	1.9	1.0	1.6	-1.7	0.5
53	Federal	-2.5	0.0	1.0	3.8	-1.5	-0.4	2.5
54	National defense	-4.1	-2.1	-1.2	4.4	-3.2	-3.2	2.1
55	Consumption expenditures	-3.6	-1.8	-1.1	1.8	-3.3	-3.2	2.0
56	Gross investment	-5.9	-3.4	-1.6	15.8	-2.4	-2.9	2.7
57	Nondefense	0.1	3.3	4.2	2.8	0.9	3.8	3.0
58	Consumption expenditures	0.1	3.7	5.6	2.6	1.8	4.7	3.0
59	Gross investment	-0.1	1.9	0.0	3.4	-1.8	0.9	2.9
60	State and local	0.2	2.9	2.5	-0.6	3.5	-2.5	-0.7
61	Consumption expenditures	0.2	2.5	2.6	0.7	0.6	0.7	1.2
62	Gross investment	0.2	5.2	2.0	-6.6	18.0	-16.0	-9.2

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Excludes software embedded, or bundled, in computers and other equipment.
5. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 38.

Table 1.5.2. Contributions to Percent Change in Real Gross Domestic Product, Expanded Detail

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	Gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.95	2.16	1.81	1.53	1.11	2.88	1.47
3	Goods	0.89	0.91	0.92	0.47	0.25	1.51	0.48
4	Durable goods	0.49	0.51	0.45	0.30	-0.05	0.70	0.69
5	Motor vehicles and parts	0.16	0.13	0.07	-0.04	-0.23	0.22	0.38
6	Furnishings and durable household equipment	0.12	0.12	0.13	0.10	0.08	0.15	0.08
7	Recreational goods and vehicles	0.16	0.19	0.18	0.16	0.14	0.29	0.18
8	Other durable goods	0.05	0.07	0.07	0.08	-0.04	0.05	0.04
9	Nondurable goods	0.40	0.40	0.47	0.17	0.30	0.80	-0.21
10	Food and beverages purchased for off-premises consumption	0.11	0.00	-0.03	-0.01	0.15	0.36	0.08
11	Clothing and footwear	0.04	0.08	0.04	0.02	-0.02	0.10	-0.01
12	Gasoline and other energy goods	0.01	0.07	0.10	-0.02	0.08	0.00	-0.05
13	Other nondurable goods	0.25	0.25	0.35	0.18	0.08	0.35	-0.22
14	Services	1.06	1.26	0.89	1.07	0.86	1.37	0.99
15	Household consumption expenditures (for services)	1.08	1.26	0.69	0.92	0.85	1.46	0.91
16	Housing and utilities	0.17	0.20	0.21	-0.22	0.09	0.54	0.30
17	Health care	0.36	0.60	0.43	0.42	0.63	0.83	0.27
18	Transportation services	0.09	0.07	0.01	0.11	-0.03	-0.03	-0.01
19	Recreation services	0.05	0.04	0.03	0.24	-0.02	-0.18	0.05
20	Food services and accommodations	0.14	0.19	0.07	0.17	0.11	0.12	0.14
21	Financial services and insurance	0.07	0.01	-0.05	0.11	-0.12	-0.03	0.03
22	Other services	0.20	0.14	-0.01	0.10	0.18	0.19	0.13
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-0.02	0.00	0.20	0.15	0.01	-0.08	0.08
24	Gross output of nonprofit institutions ²	0.11	0.18	0.10	0.25	0.28	0.40	0.23
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	0.14	0.18	-0.09	0.10	0.27	0.49	0.16
26	Gross private domestic investment	0.73	0.82	0.35	-0.39	-0.56	-1.34	0.52
27	Fixed investment	0.87	0.65	0.92	-0.03	-0.15	-0.18	-0.09
28	Nonresidential	0.76	0.27	0.49	-0.43	-0.44	0.12	0.15
29	Structures	0.29	-0.13	-0.12	-0.45	0.00	-0.06	0.14
30	Equipment	0.32	0.21	0.53	-0.16	-0.59	-0.17	-0.16
31	Information processing equipment	0.05	0.07	0.40	0.02	-0.05	-0.09	0.17
32	Computers and peripheral equipment	0.00	0.00	0.05	-0.13	0.02	0.05	0.00
33	Other	0.04	0.07	0.35	0.15	-0.07	-0.13	0.16
34	Industrial equipment	0.04	0.02	-0.06	0.12	-0.05	0.11	0.01
35	Transportation equipment	0.17	0.18	0.26	-0.11	-0.23	-0.09	-0.26
36	Other equipment	0.06	-0.06	-0.07	-0.19	-0.26	-0.11	-0.08
37	Intellectual property products	0.15	0.19	0.08	0.18	0.15	0.35	0.16
38	Software ⁴	0.10	0.11	-0.02	0.06	0.13	0.08	0.13
39	Research and development ⁵	0.05	0.06	0.08	0.11	0.02	0.28	0.03
40	Entertainment, literary, and artistic originals	0.00	0.02	0.02	0.01	-0.01	-0.01	0.00
41	Residential	0.11	0.39	0.43	0.40	0.29	-0.31	-0.24
42	Change in private inventories	-0.14	0.17	-0.57	-0.36	-0.41	-1.16	0.61
43	Farm	-0.07	0.00	0.01	-0.08	-0.05	0.07	0.01
44	Nonfarm	-0.07	0.17	-0.58	-0.28	-0.35	-1.23	0.60
45	Net exports of goods and services	-0.15	-0.71	-0.52	-0.45	0.01	0.18	0.83
46	Exports	0.58	0.01	-0.36	-0.34	-0.09	0.21	1.17
47	Goods	0.41	-0.06	-0.26	-0.38	0.01	0.13	1.08
48	Services	0.17	0.07	-0.10	0.04	-0.09	0.08	0.09
49	Imports	-0.72	-0.73	-0.16	-0.11	0.09	-0.03	-0.34

Table 1.5.2. Contributions to Percent Change in Real Gross Domestic Product, Expanded Detail

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
50	Goods	-0.65	-0.65	0.02	-0.09	0.16	0.00	-0.11
51	Services	-0.07	-0.08	-0.18	-0.02	-0.07	-0.03	-0.23
52	Government consumption expenditures and gross investment	-0.16	0.32	0.34	0.18	0.28	-0.30	0.09
53	Federal	-0.19	0.00	0.06	0.25	-0.10	-0.02	0.17
54	National defense	-0.19	-0.09	-0.05	0.17	-0.13	-0.13	0.08
55	Consumption expenditures	-0.13	-0.06	-0.03	0.06	-0.11	-0.10	0.06
56	Gross investment	-0.05	-0.03	-0.01	0.11	-0.02	-0.02	0.02
57	Nondefense	0.00	0.09	0.11	0.08	0.03	0.10	0.08
58	Consumption expenditures	0.00	0.08	0.11	0.05	0.04	0.10	0.06
59	Gross investment	0.00	0.01	0.00	0.02	-0.01	0.01	0.02
60	State and local	0.03	0.32	0.27	-0.07	0.39	-0.28	-0.08
61	Consumption expenditures	0.02	0.22	0.24	0.06	0.06	0.07	0.11
62	Gross investment	0.00	0.10	0.04	-0.13	0.33	-0.34	-0.18

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Excludes software embedded, or bundled, in computers and other equipment.
5. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 38.

Table 1.5.3. Real Gross Domestic Product, Expanded Detail, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Personal consumption expenditures	110.378	113.890	114.308	114.952	115.418	116.633	117.252
3	Goods	117.414	122.166	122.955	123.602	123.957	126.089	126.769
4	Durable goods	136.919	146.395	147.789	149.251	149.013	152.538	156.036
5	Motor vehicles and parts	126.009	132.278	133.384	132.821	129.894	132.725	137.813
6	Furnishings and durable household equipment	134.536	143.909	145.370	147.531	149.294	152.632	154.476
7	Recreational goods and vehicles	160.621	176.132	178.201	181.545	184.552	190.902	195.057
8	Other durable goods	124.272	132.167	133.097	135.503	134.272	135.664	136.753
9	Nondurable goods	109.253	112.146	112.695	113.023	113.608	115.185	114.771
10	Food and beverages purchased for off-premises consumption	105.417	105.376	105.310	105.263	106.088	108.012	108.457
11	Clothing and footwear	114.396	118.571	119.213	119.429	119.206	120.616	120.415
12	Gasoline and other energy goods	97.200	100.617	101.379	101.128	102.571	102.497	101.575
13	Other nondurable goods	116.414	121.483	122.522	123.448	123.843	125.649	124.493
14	Services	107.004	109.954	110.208	110.849	111.361	112.184	112.774
15	Household consumption expenditures (for services)	106.980	110.056	110.281	110.858	111.388	112.298	112.867
16	Housing and utilities	104.454	106.165	106.567	106.085	106.274	107.437	108.069
17	Health care	110.032	115.899	116.458	117.516	119.130	121.258	121.953
18	Transportation services	111.474	115.537	115.465	116.980	116.596	116.116	116.009
19	Recreation services	109.727	111.489	110.830	113.464	113.280	111.383	111.897
20	Food services and accommodations	112.287	117.227	117.656	118.749	119.471	120.257	121.194
21	Financial services and insurance	99.722	99.978	99.749	100.277	99.688	99.560	99.708
22	Other services	106.597	109.019	109.017	109.489	110.311	111.187	111.771
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	107.628	107.585	108.527	110.680	110.766	109.561	110.650
24	Gross output of nonprofit institutions ²	107.904	110.471	110.494	111.411	112.456	113.966	114.843
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	108.018	111.451	111.168	111.670	113.042	115.489	116.293
26	Gross private domestic investment	145.549	152.761	153.461	152.570	151.294	148.226	149.377
27	Fixed investment	131.342	136.633	137.956	137.895	137.570	137.179	136.970
28	Nonresidential	131.967	134.697	135.754	134.611	133.442	133.766	134.149
29	Structures	107.918	103.166	103.456	99.291	99.317	98.794	100.099
30	Equipment	160.752	166.451	168.511	167.400	163.270	162.053	160.930
31	Information processing equipment	127.293	132.275	135.528	135.936	134.922	133.253	136.519
32	Computers and peripheral equipment	116.113	115.592	120.588	111.845	113.123	116.290	116.518
33	Other	131.788	138.987	141.544	145.602	143.677	140.095	144.562
34	Industrial equipment	133.848	136.342	135.669	139.056	137.713	140.852	141.244
35	Transportation equipment	383.929	428.189	437.738	430.795	416.271	410.552	394.112
36	Other equipment	145.432	139.403	139.357	134.375	127.571	124.754	122.595
37	Intellectual property products	117.733	123.422	123.987	125.376	126.532	129.279	130.559
38	Software ⁴	121.927	129.739	129.800	130.866	133.264	134.749	137.181
39	Research and development ⁵	114.041	117.993	118.954	120.787	121.154	126.007	126.512
40	Entertainment, literary, and artistic originals	115.080	119.427	120.324	121.152	120.751	119.827	119.883
41	Residential	128.846	143.923	146.263	150.290	153.133	150.079	147.691
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	133.414	133.560	133.550	132.629	132.389	132.974	136.194
47	Goods	135.879	135.016	135.265	133.673	133.705	134.268	138.882
48	Services	128.362	130.477	129.987	130.323	129.589	130.213	130.903
49	Imports	128.279	134.155	134.510	134.752	134.544	134.620	135.403
50	Goods	131.474	137.970	138.176	138.427	137.970	137.981	138.297
51	Services	114.896	118.215	119.159	119.374	120.121	120.441	123.014

Table 1.5.3. Real Gross Domestic Product, Expanded Detail, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Government consumption expenditures and gross investment	91.710	93.350	93.696	93.933	94.304	93.907	94.023
53	Federal	91.471	91.472	91.378	92.226	91.874	91.791	92.355
54	National defense	87.065	85.252	84.872	85.793	85.109	84.430	84.875
55	Consumption expenditures	89.517	87.935	87.631	88.031	87.291	86.582	87.007
56	Gross investment	78.309	75.663	75.010	77.805	77.325	76.753	77.270
57	Nondefense	99.504	102.762	103.179	103.900	104.137	105.115	105.892
58	Consumption expenditures	99.550	103.268	103.854	104.535	105.004	106.225	107.020
59	Gross investment	99.330	101.191	101.087	101.930	101.462	101.694	102.416
60	State and local	91.806	94.485	95.110	94.959	95.790	95.192	95.024
61	Consumption expenditures	93.990	96.294	96.713	96.879	97.035	97.213	97.496
62	Gross investment	82.504	86.763	88.254	86.771	90.438	86.583	84.514

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Excludes software embedded, or bundled, in computers and other equipment.
5. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 38.

Table 1.5.4. Price Indexes for Gross Domestic Product, Expanded Detail

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
2	Personal consumption expenditures	109.150	109.532	109.784	109.892	109.969	110.519	110.917
3	Goods	105.727	102.680	102.806	102.144	101.109	101.301	101.082
4	Durable goods	92.411	90.463	90.231	89.813	89.619	89.045	88.126
5	Motor vehicles and parts	110.828	110.831	110.807	110.557	110.640	109.917	109.397
6	Furnishings and durable household equipment	88.860	86.781	86.517	85.881	85.659	85.149	83.913
7	Recreational goods and vehicles	73.531	70.389	70.042	69.814	68.651	67.531	66.560
8	Other durable goods	102.339	99.812	99.533	98.705	100.567	101.698	100.795
9	Nondurable goods	112.595	108.920	109.264	108.459	106.917	107.582	107.807
10	Food and beverages purchased for off-premises consumption	109.819	111.009	111.219	111.180	110.710	110.205	109.622
11	Clothing and footwear	105.758	104.425	104.539	103.679	104.464	104.271	104.195
12	Gasoline and other energy goods	144.259	106.096	108.026	101.522	87.167	93.096	92.757
13	Other nondurable goods	107.046	108.489	108.567	108.811	109.261	109.668	110.822
14	Services	110.946	113.149	113.469	113.990	114.663	115.405	116.137
15	Household consumption expenditures (for services)	111.177	113.266	113.572	114.073	114.696	115.444	116.176
16	Housing and utilities	109.062	111.830	112.196	112.931	113.584	114.524	115.629
17	Health care	109.057	109.697	109.895	110.075	110.309	110.710	111.159
18	Transportation services	109.642	110.068	110.106	110.160	111.084	111.426	111.593
19	Recreation services	109.449	111.236	111.710	111.894	112.651	113.821	114.433
20	Food services and accommodations	111.813	114.927	115.073	116.106	116.952	117.521	118.142
21	Financial services and insurance	123.531	128.138	129.019	129.173	130.616	132.361	133.746
22	Other services	110.834	112.358	112.458	113.265	113.659	114.054	114.434
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	105.552	110.425	111.047	112.058	113.879	114.496	115.198
24	Gross output of nonprofit institutions ²	110.346	112.733	113.121	113.587	114.278	114.833	115.456
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	111.982	113.525	113.836	114.115	114.420	114.954	115.552
26	Gross private domestic investment	105.655	106.539	106.663	106.742	106.889	107.366	107.712
27	Fixed investment	106.030	107.062	107.184	107.300	107.467	108.048	108.471
28	Nonresidential	104.423	105.051	105.141	105.116	105.172	105.476	105.560
29	Structures	112.213	112.202	112.168	112.113	111.682	112.566	112.446
30	Equipment	100.482	101.277	101.285	101.299	101.366	101.392	101.671
31	Information processing equipment	92.683	92.785	92.688	92.514	92.583	92.832	92.578
32	Computers and peripheral equipment	89.242	88.483	88.255	87.860	87.499	87.543	87.080
33	Other	94.187	94.606	94.558	94.461	94.673	94.994	94.812
34	Industrial equipment	106.905	106.536	106.520	106.256	106.120	106.096	106.228
35	Transportation equipment	100.326	101.970	102.156	102.206	102.582	102.730	103.728
36	Other equipment	103.478	105.208	105.151	105.658	105.490	105.027	105.359
37	Intellectual property products	104.772	105.583	105.889	105.825	106.168	106.526	106.451
38	Software ⁴	99.354	98.023	98.284	98.240	98.179	98.087	97.465
39	Research and development ⁵	112.272	115.596	116.036	115.784	116.436	117.083	117.778
40	Entertainment, literary, and artistic originals	100.444	101.567	101.586	102.095	103.085	104.376	103.893
41	Residential	112.795	115.479	115.726	116.371	116.952	118.553	120.248
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	112.134	106.778	106.548	105.039	103.669	104.671	105.267
47	Goods	111.804	104.196	103.820	101.739	99.084	100.513	101.119
48	Services	112.868	112.317	112.395	112.086	113.410	113.515	114.088
49	Imports	113.368	104.726	104.304	102.252	100.675	101.211	101.839
50	Goods	114.619	104.417	103.940	101.524	99.613	100.233	101.055
51	Services	108.018	106.628	106.466	106.111	106.087	106.239	105.975

Table 1.5.4. Price Indexes for Gross Domestic Product, Expanded Detail

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Government consumption expenditures and gross investment	111.263	111.605	111.816	111.835	111.713	112.462	113.082
53	Federal	109.431	109.979	110.096	109.881	110.286	110.869	111.311
54	National defense	108.699	108.923	109.010	108.765	109.015	109.585	110.000
55	Consumption expenditures	109.333	109.522	109.633	109.349	109.657	110.328	110.791
56	Gross investment	106.382	106.747	106.738	106.650	106.667	106.840	107.067
57	Nondefense	110.668	111.724	111.888	111.717	112.356	112.961	113.442
58	Consumption expenditures	111.518	112.757	112.956	112.757	113.524	114.217	114.763
59	Gross investment	108.209	108.721	108.782	108.693	108.944	109.283	109.564
60	State and local	112.522	112.732	113.003	113.169	112.715	113.570	114.301
61	Consumption expenditures	112.972	112.992	113.252	113.497	113.007	113.841	114.696
62	Gross investment	110.703	111.800	112.120	111.923	111.637	112.583	112.737

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Excludes software embedded, or bundled, in computers and other equipment.
5. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 38.

Table 1.5.5. Gross Domestic Product, Expanded Detail

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Personal consumption expenditures	11,863.4	12,283.7	12,356.9	12,438.8	12,498.0	12,692.7	12,806.0
3	Goods	3,970.5	4,012.1	4,043.0	4,038.1	4,008.7	4,085.4	4,098.5
4	Durable goods	1,294.8	1,355.2	1,364.7	1,371.8	1,366.6	1,390.0	1,407.2
5	Motor vehicles and parts	442.8	464.8	468.6	465.6	455.7	462.5	478.0
6	Furnishings and durable household equipment	292.1	305.1	307.3	309.6	312.5	317.6	316.7
7	Recreational goods and vehicles	358.8	376.6	379.2	385.1	384.9	391.7	394.4
8	Other durable goods	201.2	208.7	209.6	211.6	213.6	218.3	218.1
9	Nondurable goods	2,675.7	2,656.9	2,678.4	2,666.3	2,642.0	2,695.4	2,691.3
10	Food and beverages purchased for off-premises consumption	891.4	900.7	901.8	901.1	904.3	916.5	915.4
11	Clothing and footwear	370.8	379.5	382.0	379.5	381.7	385.5	384.6
12	Gasoline and other energy goods	398.9	303.7	311.6	292.1	254.4	271.5	268.1
13	Other nondurable goods	1,014.6	1,073.0	1,083.0	1,093.6	1,101.7	1,121.9	1,123.3
14	Services	7,892.9	8,271.6	8,313.9	8,400.6	8,489.3	8,607.3	8,707.5
15	Household consumption expenditures (for services)	7,579.3	7,943.7	7,981.3	8,058.4	8,141.2	8,261.2	8,355.7
16	Housing and utilities	2,142.8	2,233.2	2,249.0	2,253.5	2,270.5	2,314.4	2,350.5
17	Health care	1,952.8	2,069.0	2,082.7	2,105.1	2,138.5	2,184.6	2,206.0
18	Transportation services	354.1	368.4	368.3	373.3	375.2	374.8	375.0
19	Recreation services	451.6	466.3	465.5	477.4	479.8	476.7	481.4
20	Food services and accommodations	753.7	808.8	812.7	827.7	838.8	848.4	859.5
21	Financial services and insurance	885.7	921.1	925.3	931.3	936.1	947.4	958.8
22	Other services	1,038.7	1,076.9	1,077.8	1,090.3	1,102.3	1,114.9	1,124.5
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	313.6	327.9	332.6	342.2	348.1	346.1	351.7
24	Gross output of nonprofit institutions 2	1,277.1	1,335.7	1,340.6	1,357.3	1,378.3	1,403.6	1,422.1
25	Less: Receipts from sales of goods and services by nonprofit institutions 3	963.5	1,007.8	1,008.0	1,015.1	1,030.3	1,057.5	1,070.4
26	Gross private domestic investment	2,886.5	3,056.6	3,072.1	3,059.9	3,036.8	2,987.5	3,019.5
27	Fixed investment	2,821.0	2,963.2	2,995.3	2,997.2	2,994.8	3,002.5	3,009.6
28	Nonresidential	2,251.0	2,311.3	2,331.5	2,311.3	2,292.4	2,304.7	2,313.1
29	Structures	530.7	507.3	508.5	487.8	486.0	487.3	493.2
30	Equipment	1,040.7	1,086.1	1,099.7	1,092.6	1,066.3	1,058.7	1,054.2
31	Information processing equipment	302.1	314.3	321.7	322.1	319.9	316.8	323.7
32	Computers and peripheral equipment	79.6	78.5	81.7	75.4	76.0	78.2	77.9
33	Other	222.6	235.8	240.0	246.6	243.9	238.6	245.8
34	Industrial equipment	217.6	220.9	219.8	224.7	222.2	227.3	228.2
35	Transportation equipment	271.8	308.1	315.6	310.7	301.3	297.6	288.5
36	Other equipment	249.2	242.9	242.7	235.1	222.9	217.0	213.9
37	Intellectual property products	679.6	717.9	723.3	730.9	740.1	758.7	765.6
38	Software 4	311.1	326.6	327.6	330.1	336.0	339.4	343.3
39	Research and development 5	293.2	312.4	316.1	320.3	323.0	337.9	341.2
40	Entertainment, literary, and artistic originals	75.3	79.0	79.6	80.6	81.1	81.4	81.1
41	Residential	570.1	651.9	663.8	685.9	702.4	697.8	696.5
42	Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
43	Farm	-3.2	-2.0	-1.5	-4.8	-8.3	-5.5	-6.1
44	Nonfarm	68.6	95.4	78.3	67.5	50.3	-9.4	16.0
45	Net exports of goods and services	-508.8	-522.0	-523.4	-520.9	-507.4	-492.4	-458.6
46	Exports	2,375.3	2,264.3	2,259.1	2,211.7	2,179.0	2,209.7	2,276.1
47	Goods	1,618.1	1,498.4	1,495.6	1,448.3	1,410.9	1,437.2	1,495.6
48	Services	757.2	765.9	763.5	763.4	768.1	772.5	780.5
49	Imports	2,884.1	2,786.3	2,782.5	2,732.6	2,686.3	2,702.2	2,734.8
50	Goods	2,396.5	2,291.1	2,284.1	2,235.0	2,185.7	2,199.4	2,222.6
51	Services	487.6	495.2	498.4	497.7	500.7	502.7	512.2

Table 1.5.5. Gross Domestic Product, Expanded Detail

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Government consumption expenditures and gross investment	3,152.1	3,218.3	3,236.3	3,245.0	3,254.3	3,262.3	3,284.4
53	Federal	1,218.9	1,225.0	1,225.0	1,234.0	1,233.8	1,239.2	1,251.8
54	National defense	746.0	732.0	729.3	735.6	731.4	729.3	736.0
55	Consumption expenditures	600.2	590.6	589.2	590.4	587.0	585.8	591.2
56	Gross investment	145.8	141.3	140.1	145.2	144.3	143.5	144.8
57	Nondefense	472.9	493.0	495.7	498.4	502.4	509.9	515.8
58	Consumption expenditures	355.7	373.1	375.9	377.7	382.0	388.8	393.5
59	Gross investment	117.2	119.9	119.9	120.8	120.5	121.1	122.3
60	State and local	1,933.2	1,993.3	2,011.3	2,011.0	2,020.5	2,023.1	2,032.6
61	Consumption expenditures	1,601.6	1,641.2	1,652.1	1,658.5	1,654.0	1,669.2	1,686.7
62	Gross investment	331.6	352.2	359.2	352.6	366.5	353.9	345.9

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

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

5. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 38.

Table 1.5.6. Real Gross Domestic Product, Expanded Detail, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Personal consumption expenditures	10,868.9	11,214.7	11,255.9	11,319.3	11,365.2	11,484.9	11,545.8
3	Goods	3,755.4	3,907.4	3,932.6	3,953.4	3,964.7	4,032.9	4,054.6
4	Durable goods	1,401.1	1,498.1	1,512.4	1,527.3	1,524.9	1,560.9	1,596.7
5	Motor vehicles and parts	399.5	419.4	422.9	421.1	411.8	420.8	436.9
6	Furnishings and durable household equipment	328.7	351.6	355.2	360.4	364.7	372.9	377.4
7	Recreational goods and vehicles	487.9	535.0	541.3	551.5	560.6	579.9	592.5
8	Other durable goods	196.6	209.1	210.5	214.3	212.4	214.6	216.3
9	Nondurable goods	2,376.4	2,439.3	2,451.3	2,458.4	2,471.1	2,505.4	2,496.4
10	Food and beverages purchased for off-premises consumption	811.7	811.3	810.8	810.5	816.8	831.6	835.1
11	Clothing and footwear	350.6	363.4	365.4	366.0	365.4	369.7	369.1
12	Gasoline and other energy goods	276.5	286.3	288.4	287.7	291.8	291.6	289.0
13	Other nondurable goods	947.8	989.1	997.5	1,005.1	1,008.3	1,023.0	1,013.6
14	Services	7,114.2	7,310.3	7,327.2	7,369.8	7,403.9	7,458.5	7,497.8
15	Household consumption expenditures (for services)	6,817.3	7,013.3	7,027.7	7,064.4	7,098.2	7,156.2	7,192.4
16	Housing and utilities	1,964.8	1,997.0	2,004.5	1,995.5	1,999.0	2,020.9	2,032.8
17	Health care	1,790.6	1,886.1	1,895.2	1,912.4	1,938.7	1,973.3	1,984.6
18	Transportation services	322.9	334.7	334.5	338.9	337.8	336.4	336.1
19	Recreation services	412.6	419.2	416.7	426.6	425.9	418.8	420.7
20	Food services and accommodations	674.1	703.8	706.3	712.9	717.2	721.9	727.6
21	Financial services and insurance	717.0	718.8	717.2	720.9	716.7	715.8	716.9
22	Other services	937.1	958.4	958.4	962.6	969.8	977.5	982.6
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	297.1	297.0	299.6	305.5	305.7	302.4	305.4
24	Gross output of nonprofit institutions 2	1,157.3	1,184.9	1,185.1	1,195.0	1,206.2	1,222.4	1,231.8
25	Less: Receipts from sales of goods and services by nonprofit institutions 3	860.4	887.8	885.5	889.5	900.4	919.9	926.3
26	Gross private domestic investment	2,733.6	2,869.0	2,882.2	2,865.4	2,841.5	2,783.8	2,805.5
27	Fixed investment	2,660.6	2,767.8	2,794.5	2,793.3	2,786.7	2,778.8	2,774.6
28	Nonresidential	2,155.6	2,200.2	2,217.5	2,198.8	2,179.7	2,185.0	2,191.2
29	Structures	472.9	452.1	453.4	435.1	435.2	432.9	438.6
30	Equipment	1,035.7	1,072.5	1,085.7	1,078.6	1,052.0	1,044.1	1,036.9
31	Information processing equipment	326.0	338.7	347.1	348.1	345.5	341.2	349.6
32	Computers and peripheral equipment 4	89.1	88.7	92.6	85.9	86.9	89.3	89.5
33	Other	236.3	249.2	253.8	261.1	257.6	251.2	259.2
34	Industrial equipment	203.5	207.3	206.3	211.5	209.4	214.2	214.8
35	Transportation equipment	270.9	302.2	308.9	304.0	293.7	289.7	278.1
36	Other equipment	240.8	230.8	230.8	222.5	211.3	206.6	203.0
37	Intellectual property products	648.6	680.0	683.1	690.7	697.1	712.2	719.3
38	Software 5	313.1	333.1	333.3	336.0	342.2	346.0	352.2
39	Research and development 6	261.2	270.2	272.4	276.6	277.5	288.6	289.7
40	Entertainment, literary, and artistic originals	74.9	77.8	78.4	78.9	78.6	78.0	78.1
41	Residential	505.4	564.5	573.7	589.5	600.7	588.7	579.3
42	Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
43	Farm	-2.2	-1.6	-1.1	-4.1	-5.1	-2.6	-2.4
44	Nonfarm	62.2	88.1	73.9	62.9	47.5	-6.6	15.4
45	Net exports of goods and services	-425.7	-540.0	-547.1	-566.6	-566.3	-558.5	-522.9
46	Exports	2,118.3	2,120.6	2,120.4	2,105.8	2,102.0	2,111.3	2,162.4
47	Goods	1,447.3	1,438.1	1,440.7	1,423.8	1,424.1	1,430.1	1,479.3
48	Services	670.9	681.9	679.3	681.1	677.3	680.5	684.1
49	Imports	2,544.0	2,660.5	2,667.6	2,672.4	2,668.2	2,669.7	2,685.3
50	Goods	2,090.8	2,194.1	2,197.4	2,201.4	2,194.1	2,194.3	2,199.3
51	Services	451.4	464.4	468.2	469.0	471.9	473.2	483.3

Table 1.5.6. Real Gross Domestic Product, Expanded Detail, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Government consumption expenditures and gross investment	2,833.0	2,883.7	2,894.4	2,901.7	2,913.2	2,900.9	2,904.5
53	Federal	1,113.8	1,113.8	1,112.7	1,123.0	1,118.7	1,117.7	1,124.6
54	National defense	686.3	672.0	669.0	676.3	670.9	665.5	669.0
55	Consumption expenditures	549.0	539.3	537.4	539.9	535.3	531.0	533.6
56	Gross investment	137.0	132.4	131.3	136.1	135.3	134.3	135.2
57	Nondefense	427.3	441.3	443.1	446.2	447.2	451.4	454.7
58	Consumption expenditures	319.0	330.9	332.8	334.9	336.4	340.4	342.9
59	Gross investment	108.3	110.3	110.2	111.1	110.6	110.8	111.6
60	State and local	1,718.1	1,768.2	1,779.9	1,777.1	1,792.6	1,781.4	1,778.3
61	Consumption expenditures	1,417.7	1,452.5	1,458.8	1,461.3	1,463.6	1,466.3	1,470.6
62	Gross investment	299.5	315.0	320.4	315.0	328.3	314.3	306.8
63	Residual	-67.7	-87.4	-91.3	-94.0	-98.2	-104.3	-111.6

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. The quantity index for computers can be used to accurately measure the real growth of this component. However, because computers exhibit rapid changes 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; accurate estimates of these contributions are shown in table 1.5.2 and real growth rates are shown in table 1.5.1.

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

6. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 38.

Note. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 1.6.4. Price Indexes for Gross Domestic Purchases

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic purchases	109.109	109.569	109.793	109.881	109.936	110.509	110.937
2	Personal consumption expenditures	109.150	109.532	109.784	109.892	109.969	110.519	110.917
3	Goods	105.727	102.680	102.806	102.144	101.109	101.301	101.082
4	Durable goods	92.411	90.463	90.231	89.813	89.619	89.045	88.126
5	Motor vehicles and parts	110.828	110.831	110.807	110.557	110.640	109.917	109.397
6	Furnishings and durable household equipment	88.860	86.781	86.517	85.881	85.659	85.149	83.913
7	Recreational goods and vehicles	73.531	70.389	70.042	69.814	68.651	67.531	66.560
8	Other durable goods	102.339	99.812	99.533	98.705	100.567	101.698	100.795
9	Nondurable goods	112.595	108.920	109.264	108.459	106.917	107.582	107.807
10	Food and beverages purchased for off-premises consumption	109.819	111.009	111.219	111.180	110.710	110.205	109.622
11	Clothing and footwear	105.758	104.425	104.539	103.679	104.464	104.271	104.195
12	Gasoline and other energy goods	144.259	106.096	108.026	101.522	87.167	93.096	92.757
13	Other nondurable goods	107.046	108.489	108.567	108.811	109.261	109.668	110.822
14	Services	110.946	113.149	113.469	113.990	114.663	115.405	116.137
15	Household consumption expenditures	111.177	113.266	113.572	114.073	114.696	115.444	116.176
16	Housing and utilities	109.062	111.830	112.196	112.931	113.584	114.524	115.629
17	Health care	109.057	109.697	109.895	110.075	110.309	110.710	111.159
18	Transportation services	109.642	110.068	110.106	110.160	111.084	111.426	111.593
19	Recreation services	109.449	111.236	111.710	111.894	112.651	113.821	114.433
20	Food services and accommodations	111.813	114.927	115.073	116.106	116.952	117.521	118.142
21	Financial services and insurance	123.531	128.138	129.019	129.173	130.616	132.361	133.746
22	Other services	110.834	112.358	112.458	113.265	113.659	114.054	114.434
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	105.552	110.425	111.047	112.058	113.879	114.496	115.198
24	Gross private domestic investment	105.655	106.539	106.663	106.742	106.889	107.366	107.712
25	Fixed investment	106.030	107.062	107.184	107.300	107.467	108.048	108.471
26	Nonresidential	104.423	105.051	105.141	105.116	105.172	105.476	105.560
27	Structures	112.213	112.202	112.168	112.113	111.682	112.566	112.446
28	Equipment	100.482	101.277	101.285	101.299	101.366	101.392	101.671
29	Information processing equipment	92.683	92.785	92.688	92.514	92.583	92.832	92.578
30	Computers and peripheral equipment	89.242	88.483	88.255	87.860	87.499	87.543	87.080
31	Other	94.187	94.606	94.558	94.461	94.673	94.994	94.812
32	Industrial equipment	106.905	106.536	106.520	106.256	106.120	106.096	106.228
33	Transportation equipment	100.326	101.970	102.156	102.206	102.582	102.730	103.728
34	Other equipment	103.478	105.208	105.151	105.658	105.490	105.027	105.359
35	Intellectual property products	104.772	105.583	105.889	105.825	106.168	106.526	106.451
36	Software ¹	99.354	98.023	98.284	98.240	98.179	98.087	97.465
37	Research and development	112.272	115.596	116.036	115.784	116.436	117.083	117.778
38	Entertainment, literary, and artistic originals	100.444	101.567	101.586	102.095	103.085	104.376	103.893
39	Residential	112.795	115.479	115.726	116.371	116.952	118.553	120.248
40	Change in private inventories	---	---	---	---	---	---	---
41	Farm	---	---	---	---	---	---	---
42	Nonfarm	---	---	---	---	---	---	---
43	Government consumption expenditures and gross investment	111.263	111.605	111.816	111.835	111.713	112.462	113.082
44	Federal	109.431	109.979	110.096	109.881	110.286	110.869	111.311
45	National defense	108.699	108.923	109.010	108.765	109.015	109.585	110.000
46	Consumption expenditures	109.333	109.522	109.633	109.349	109.657	110.328	110.791
47	Gross investment	106.382	106.747	106.738	106.650	106.667	106.840	107.067
48	Nondefense	110.668	111.724	111.888	111.717	112.356	112.961	113.442
49	Consumption expenditures	111.518	112.757	112.956	112.757	113.524	114.217	114.763
50	Gross investment	108.209	108.721	108.782	108.693	108.944	109.283	109.564
51	State and local	112.522	112.732	113.003	113.169	112.715	113.570	114.301

Table 1.6.4. Price Indexes for Gross Domestic Purchases

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Consumption expenditures	112.972	112.992	113.252	113.497	113.007	113.841	114.696
53	Gross investment	110.703	111.800	112.120	111.923	111.637	112.583	112.737
	Addenda:							
54	Final sales of computers to domestic purchasers ²	78.546	75.337	74.996	74.434	73.092	72.587	72.049
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	109.417	109.918	110.149	110.245	110.315	110.901	111.340
56	Food ³	109.207	110.402	110.610	110.511	110.100	109.609	108.989
57	Energy goods and services	127.177	104.482	105.208	101.229	92.247	95.531	95.783
58	Gross domestic purchases excluding food and energy	108.434	109.618	109.826	110.055	110.426	110.968	111.457
59	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
60	Gross domestic product excluding final sales of computers	109.061	110.262	110.535	110.772	110.927	111.575	112.000
61	Food ³	109.379	108.692	108.714	108.558	108.015	107.931	106.907
62	Energy goods and services	98.260	96.598	98.027	98.220	90.198	93.936	92.907
63	Gross domestic product excluding food and energy	109.060	110.409	110.655	110.908	111.328	111.908	112.449
64	Final sales of domestic product	108.891	110.077	110.347	110.584	110.724	111.375	111.805
65	Final sales to domestic purchasers	109.159	109.640	109.865	109.959	110.017	110.606	111.046
66	Implicit price deflator for gross domestic purchases	109.099	109.569	109.779	109.887	109.932	110.500	110.922

Legend / Footnotes:

1. Excludes software embedded, or bundled, in computers and other equipment.
2. Some components of final sales of computers include computer parts.
3. Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.

Table 1.6.7. Percent Change From Preceding Period in Prices for Gross Domestic Purchases

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic purchases	1.7	0.4	1.0	0.3	0.2	2.1	1.6
2	Personal consumption expenditures	1.5	0.3	1.1	0.4	0.3	2.0	1.4
3	Goods	-0.4	-2.9	-0.9	-2.6	-4.0	0.8	-0.9
4	Durable goods	-2.3	-2.1	-2.6	-1.8	-0.9	-2.5	-4.1
5	Motor vehicles and parts	0.1	0.0	-1.1	-0.9	0.3	-2.6	-1.9
6	Furnishings and durable household equipment	-3.5	-2.3	-4.3	-2.9	-1.0	-2.4	-5.7
7	Recreational goods and vehicles	-4.5	-4.3	-3.2	-1.3	-6.5	-6.4	-5.6
8	Other durable goods	-1.6	-2.5	-2.5	-3.3	7.8	4.6	-3.5
9	Nondurable goods	0.6	-3.3	0.0	-2.9	-5.6	2.5	0.8
10	Food and beverages purchased for off-premises consumption	1.8	1.1	1.9	-0.1	-1.7	-1.8	-2.1
11	Clothing and footwear	0.3	-1.3	-0.2	-3.3	3.1	-0.7	-0.3
12	Gasoline and other energy goods	-3.6	-26.5	-6.7	-22.0	-45.7	30.1	-1.4
13	Other nondurable goods	1.3	1.3	0.4	0.9	1.7	1.5	4.3
14	Services	2.5	2.0	2.2	1.8	2.4	2.6	2.6
15	Household consumption expenditures	2.4	1.9	2.1	1.8	2.2	2.6	2.6
16	Housing and utilities	2.9	2.5	2.9	2.6	2.3	3.4	3.9
17	Health care	1.1	0.6	1.1	0.7	0.9	1.5	1.6
18	Transportation services	1.2	0.4	-0.1	0.2	3.4	1.2	0.6
19	Recreation services	1.9	1.6	2.0	0.7	2.7	4.2	2.2
20	Food services and accommodations	2.6	2.8	2.1	3.6	2.9	2.0	2.1
21	Financial services and insurance	5.2	3.7	3.5	0.5	4.5	5.5	4.3
22	Other services	1.9	1.4	1.8	2.9	1.4	1.4	1.3
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	4.1	4.6	4.7	3.7	6.7	2.2	2.5
24	Gross private domestic investment	2.1	0.8	1.2	0.3	0.6	1.8	1.3
25	Fixed investment	2.3	1.0	1.3	0.4	0.6	2.2	1.6
26	Nonresidential	1.4	0.6	0.8	-0.1	0.2	1.2	0.3
27	Structures	3.8	0.0	0.9	-0.2	-1.5	3.2	-0.4
28	Equipment	0.4	0.8	0.1	0.1	0.3	0.1	1.1
29	Information processing equipment	-0.9	0.1	-1.0	-0.7	0.3	1.1	-1.1
30	Computers and peripheral equipment	-0.2	-0.9	-2.0	-1.8	-1.6	0.2	-2.1
31	Other	-1.2	0.4	-0.6	-0.4	0.9	1.4	-0.8
32	Industrial equipment	0.6	-0.3	-0.2	-1.0	-0.5	-0.1	0.5
33	Transportation equipment	1.3	1.6	1.5	0.2	1.5	0.6	3.9
34	Other equipment	1.1	1.7	0.0	1.9	-0.6	-1.7	1.3
35	Intellectual property products	1.0	0.8	1.8	-0.2	1.3	1.4	-0.3
36	Software ¹	-0.4	-1.3	3.3	-0.2	-0.2	-0.4	-2.5
37	Research and development	2.4	3.0	0.8	-0.9	2.3	2.2	2.4
38	Entertainment, literary, and artistic originals	0.9	1.1	-0.3	2.0	3.9	5.1	-1.8
39	Residential	6.0	2.4	2.9	2.2	2.0	5.6	5.8
40	Change in private inventories	---	---	---	---	---	---	---
41	Farm	---	---	---	---	---	---	---
42	Nonfarm	---	---	---	---	---	---	---
43	Government consumption expenditures and gross investment	2.0	0.3	0.5	0.1	-0.4	2.7	2.2
44	Federal	1.7	0.5	0.0	-0.8	1.5	2.1	1.6
45	National defense	1.4	0.2	-0.2	-0.9	0.9	2.1	1.5
46	Consumption expenditures	1.5	0.2	-0.3	-1.0	1.1	2.5	1.7
47	Gross investment	1.1	0.3	0.2	-0.3	0.1	0.7	0.9
48	Nondefense	2.2	1.0	0.3	-0.6	2.3	2.2	1.7
49	Consumption expenditures	2.3	1.1	0.3	-0.7	2.7	2.5	1.9
50	Gross investment	1.8	0.5	0.3	-0.3	0.9	1.3	1.0
51	State and local	2.2	0.2	0.8	0.6	-1.6	3.1	2.6

Table 1.6.7. Percent Change From Preceding Period in Prices for Gross Domestic Purchases

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Consumption expenditures	2.2	0.0	0.7	0.9	-1.7	3.0	3.0
53	Gross investment	2.2	1.0	1.0	-0.7	-1.0	3.4	0.5
	Addenda:							
54	Final sales of computers to domestic purchasers ²	-3.0	-4.1	-3.3	-3.0	-7.0	-2.7	-2.9
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	1.7	0.5	1.1	0.3	0.3	2.1	1.6
56	Food ³	1.5	1.1	1.7	-0.4	-1.5	-1.8	-2.2
57	Energy goods and services	-0.8	-17.8	-5.6	-14.3	-31.0	15.0	1.1
58	Gross domestic purchases excluding food and energy	1.8	1.1	1.2	0.8	1.4	2.0	1.8
59	Gross domestic product	1.8	1.1	1.3	0.8	0.5	2.3	1.5
60	Gross domestic product excluding final sales of computers	1.8	1.1	1.3	0.9	0.6	2.4	1.5
61	Food ³	0.6	-0.6	1.2	-0.6	-2.0	-0.3	-3.7
62	Energy goods and services	0.4	-1.7	-2.4	0.8	-28.9	17.6	-4.3
63	Gross domestic product excluding food and energy	1.9	1.2	1.4	0.9	1.5	2.1	1.9
64	Final sales of domestic product	1.8	1.1	1.3	0.9	0.5	2.4	1.6
65	Final sales to domestic purchasers	1.7	0.4	1.0	0.3	0.2	2.2	1.6
66	Implicit price deflator for gross domestic purchases ⁴	1.7	0.4	1.0	0.4	0.2	2.1	1.5

Legend / Footnotes:

1. Excludes software embedded, or bundled, in computers and other equipment.
2. Some components of final sales of computers include computer parts.
3. Food excludes personal consumption expenditures for purchased meals and beverages, which are classified in food services.
4. The percent change for this series is calculated from the implicit price deflator in NIPA table 1.6.4.

Table 1.6.8. Contributions to Percent Change in the Gross Domestic Purchases Price Index

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	Gross domestic purchases	1.7	0.4	1.0	0.3	0.2	2.1	1.6
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.00	0.23	0.77	0.27	0.19	1.35	0.97
3	Goods	-0.08	-0.64	-0.20	-0.56	-0.87	0.17	-0.18
4	Durable goods	-0.17	-0.16	-0.19	-0.14	-0.06	-0.19	-0.30
5	Motor vehicles and parts	0.00	0.00	-0.03	-0.02	0.01	-0.06	-0.05
6	Furnishings and durable household equipment	-0.06	-0.04	-0.07	-0.05	-0.02	-0.04	-0.10
7	Recreational goods and vehicles	-0.09	-0.09	-0.07	-0.03	-0.14	-0.14	-0.12
8	Other durable goods	-0.02	-0.03	-0.03	-0.04	0.08	0.05	-0.04
9	Nondurable goods	0.09	-0.49	0.00	-0.42	-0.81	0.36	0.12
10	Food and beverages purchased for off-premises consumption	0.09	0.05	0.09	-0.01	-0.08	-0.09	-0.10
11	Clothing and footwear	0.01	-0.03	0.00	-0.07	0.06	-0.01	-0.01
12	Gasoline and other energy goods	-0.09	-0.59	-0.12	-0.40	-0.89	0.37	-0.02
13	Other nondurable goods	0.07	0.08	0.03	0.05	0.10	0.09	0.25
14	Services	1.08	0.87	0.96	0.82	1.06	1.18	1.16
15	Household consumption expenditures	1.01	0.79	0.88	0.76	0.94	1.14	1.11
16	Housing and utilities	0.34	0.30	0.34	0.32	0.28	0.40	0.47
17	Health care	0.12	0.06	0.12	0.07	0.10	0.17	0.19
18	Transportation services	0.02	0.01	0.00	0.00	0.07	0.02	0.01
19	Recreation services	0.05	0.04	0.05	0.02	0.07	0.11	0.05
20	Food services and accommodations	0.11	0.12	0.09	0.16	0.13	0.09	0.10
21	Financial services and insurance	0.25	0.18	0.17	0.02	0.22	0.27	0.21
22	Other services	0.11	0.08	0.10	0.17	0.08	0.08	0.08
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	0.07	0.08	0.08	0.07	0.12	0.04	0.05
24	Gross private domestic investment	0.34	0.14	0.18	0.04	0.09	0.29	0.21
25	Fixed investment	0.35	0.15	0.20	0.07	0.10	0.35	0.25
26	Nonresidential	0.17	0.08	0.09	-0.01	0.03	0.14	0.04
27	Structures	0.11	0.00	0.02	-0.01	-0.04	0.08	-0.01
28	Equipment	0.03	0.05	0.00	0.00	0.02	0.01	0.06
29	Information processing equipment	-0.02	0.00	-0.02	-0.01	0.01	0.02	-0.02
30	Computers and peripheral equipment	0.00	0.00	-0.01	-0.01	-0.01	0.00	-0.01
31	Other	-0.02	0.01	-0.01	-0.01	0.01	0.02	-0.01
32	Industrial equipment	0.01	0.00	0.00	-0.01	-0.01	0.00	0.01
33	Transportation equipment	0.02	0.03	0.03	0.00	0.02	0.01	0.06
34	Other equipment	0.01	0.02	0.00	0.02	-0.01	-0.02	0.01
35	Intellectual property products	0.04	0.03	0.07	-0.01	0.05	0.05	-0.01
36	Software ¹	-0.01	-0.02	0.06	0.00	0.00	-0.01	-0.05
37	Research and development	0.04	0.05	0.01	-0.01	0.04	0.04	0.04
38	Entertainment, literary, and artistic originals	0.00	0.00	0.00	0.01	0.02	0.02	-0.01
39	Residential	0.18	0.08	0.10	0.08	0.07	0.20	0.21
40	Change in private inventories	-0.01	-0.02	-0.02	-0.02	-0.01	-0.06	-0.04
41	Farm	-0.01	0.00	-0.01	-0.01	0.01	0.00	0.00
42	Nonfarm	0.00	-0.02	-0.01	-0.01	-0.02	-0.05	-0.05
43	Government consumption expenditures and gross investment	0.36	0.05	0.09	0.01	-0.08	0.47	0.38
44	Federal	0.12	0.03	0.00	-0.05	0.10	0.14	0.10
45	National defense	0.06	0.01	-0.01	-0.04	0.04	0.08	0.06
46	Consumption expenditures	0.05	0.01	-0.01	-0.03	0.04	0.08	0.05
47	Gross investment	0.01	0.00	0.00	0.00	0.00	0.01	0.01
48	Nondefense	0.06	0.03	0.01	-0.02	0.06	0.06	0.05
49	Consumption expenditures	0.05	0.02	0.01	-0.01	0.05	0.05	0.04

Table 1.6.8. Contributions to Percent Change in the Gross Domestic Purchases Price Index

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
50	Gross investment	0.01	0.00	0.00	0.00	0.01	0.01	0.01
51	State and local	0.24	0.02	0.08	0.06	-0.17	0.33	0.28
52	Consumption expenditures	0.20	0.00	0.07	0.08	-0.15	0.26	0.27
53	Gross investment	0.04	0.02	0.02	-0.01	-0.02	0.06	0.01
	Addenda:							
54	Final sales of computers to domestic purchasers ²	-0.02	-0.03	-0.03	-0.02	-0.06	-0.02	-0.02
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	1.72	0.45	1.06	0.35	0.26	2.12	1.58
56	Food ³	0.08	0.05	0.08	-0.02	-0.07	-0.09	-0.11
57	Energy goods and services	-0.03	-0.63	-0.17	-0.43	-0.98	0.35	0.03
58	Gross domestic purchases excluding food and energy	1.65	1.00	1.11	0.77	1.25	1.84	1.64

Legend / Footnotes:

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

2. Some components of final sales of computers include computer parts.

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

Table 1.7.1. Percent Change From Preceding Period in Real Gross Domestic Product, Real Gross National Product, and Real Net National Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product (GDP)	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Plus: Income receipts from the rest of the world	1.5	-4.6	-6.0	-9.2	3.8	19.6	---
3	Less: Income payments to the rest of the world	2.0	0.1	0.6	-23.3	34.7	1.5	---
4	Equals: Gross national product	2.3	2.3	1.7	1.3	0.0	2.2	---
5	Less: Consumption of fixed capital	2.2	2.4	2.4	2.3	2.1	1.9	1.8
6	Private	2.7	2.9	2.9	2.8	2.6	2.3	2.1
7	Government	0.3	0.2	0.2	0.2	0.2	0.2	0.2
8	General government	0.2	0.1	0.1	0.0	0.1	0.0	0.0
9	Government enterprises	1.2	1.3	1.3	1.4	1.4	1.3	1.4
10	Equals: Net national product	2.4	2.3	1.5	1.1	-0.4	2.2	---
Addenda:								
11	Gross domestic income (GDI) ¹	3.0	2.5	2.5	1.5	0.8	-0.2	---
12	Average of GDP and GDI ²	2.7	2.6	2.2	1.2	0.8	0.6	---
13	Gross national income ³	3.0	2.3	2.1	1.9	0.0	0.6	---
14	Net domestic product	2.4	2.6	1.9	0.6	0.6	1.3	3.1
15	Net domestic income ⁴	3.2	2.5	2.5	1.3	0.6	-0.6	---
16	Net domestic purchases	2.5	3.4	2.5	1.1	0.6	1.1	2.1
17	Gross national product, current dollars	4.2	3.4	2.9	2.2	0.4	4.5	---
18	Gross domestic income, current dollars	4.9	3.6	3.7	2.4	1.3	2.1	---
19	Average of GDP and GDI, current dollars ⁵	4.5	3.7	3.5	2.1	1.3	2.9	---

Legend / Footnotes:

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.
2. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.
3. Gross national income deflated by the implicit price deflator for gross national product.
4. Net domestic income deflated by the implicit price deflator for net domestic product.
5. The arithmetic average of gross domestic product and of gross domestic income.

Table 1.7.3. Real Gross Domestic Product, Real Gross National Product, and Real Net National Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Plus: Income receipts from the rest of the world	109.727	104.657	104.977	102.462	103.412	108.149	---
3	Less: Income payments to the rest of the world	101.262	101.393	104.389	97.690	105.247	105.649	---
4	Equals: Gross national product	111.138	113.731	114.030	114.404	114.403	115.016	---
5	Less: Consumption of fixed capital	108.435	111.062	111.386	112.033	112.626	113.166	113.666
6	Private	108.735	111.926	112.320	113.106	113.824	114.479	115.088
7	Government	107.216	107.453	107.483	107.539	107.600	107.650	107.695
8	General government	106.967	107.040	107.049	107.060	107.076	107.082	107.078
9	Government enterprises	109.027	110.447	110.628	111.002	111.390	111.755	112.144
10	Equals: Net national product	111.658	114.245	114.539	114.862	114.749	115.376	---
Addenda:								
11	Net domestic product	111.313	114.239	114.654	114.826	114.996	115.374	116.261
12	Net domestic purchases	111.205	114.951	115.410	115.726	115.891	116.200	116.792

Table 1.7.4. Price Indexes for Gross Domestic Product, Gross National Product, and Net National Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	108.838	109.999	110.268	110.498	110.635	111.268	111.686
2	Plus: Income receipts from the rest of the world	119.673	119.735	119.966	120.095	120.262	120.879	---
3	Less: Income payments to the rest of the world	119.810	120.335	120.572	120.723	121.090	121.768	---
4	Equals: Gross national product	108.957	110.090	110.359	110.587	110.719	111.350	---
5	Less: Consumption of fixed capital	106.894	107.619	107.814	107.893	107.730	108.268	108.537
6	Private	106.397	107.096	107.297	107.419	107.228	107.740	108.011
7	Government	109.002	109.837	110.006	109.888	109.855	110.509	110.774
8	General government	108.602	109.372	109.534	109.443	109.416	110.084	110.306
9	Government enterprises	111.965	113.269	113.494	113.178	113.105	113.655	114.229
10	Equals: Net national product	109.351	110.561	110.843	111.100	111.287	111.936	---
Addenda:								
11	Net domestic product	109.214	110.458	110.741	111.000	111.195	111.847	112.292
12	Net domestic purchases	109.523	109.934	110.163	110.254	110.348	110.928	111.385

Table 1.7.5. Relation of Gross Domestic Product, Gross National Product, Net National Product, National Income, and Personal Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product (GDP)	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Plus: Income receipts from the rest of the world	852.1	813.1	817.2	798.5	807.0	848.3	---
3	Less: Income payments to the rest of the world	604.0	607.4	626.6	587.1	634.5	640.5	---
4	Equals: Gross national product	17,641.2	18,242.4	18,332.5	18,434.1	18,454.2	18,657.9	---
5	Less: Consumption of fixed capital	2,745.2	2,830.8	2,844.2	2,862.8	2,873.6	2,901.8	2,921.9
6	Private	2,227.8	2,308.3	2,320.7	2,339.6	2,350.3	2,375.1	2,393.7
7	Domestic business	1,771.5	1,836.5	1,846.7	1,861.7	1,870.4	1,887.4	1,898.5
8	Capital consumption allowances	1,832.7	1,922.8	1,933.0	1,953.3	1,956.4	1,972.0	1,987.1
9	Less: Capital consumption adjustment	61.1	86.4	86.3	91.7	86.1	84.6	88.6
10	Households and institutions	456.3	471.8	474.0	477.9	479.9	487.7	495.2
11	Government	517.4	522.5	523.5	523.2	523.3	526.7	528.2
12	General government	453.4	456.9	457.6	457.3	457.2	460.0	460.9
13	Government enterprises	64.1	65.6	65.9	65.9	66.1	66.7	67.2
14	Equals: Net national product	14,896.0	15,411.6	15,488.4	15,571.4	15,580.6	15,756.2	---
15	Less: Statistical discrepancy	-257.9	-253.7	-236.1	-264.8	-264.3	-192.6	---
16	Equals: National income	15,153.9	15,665.3	15,724.4	15,836.2	15,844.9	15,948.8	---
	Less:							
17	Corporate profits with inventory valuation and capital consumption adjustments	2,152.1	2,088.1	2,095.4	1,967.5	2,033.5	2,021.0	---
18	Taxes on production and imports less subsidies ¹	1,153.5	1,181.0	1,182.5	1,190.0	1,191.5	1,187.4	1,197.8
19	Contributions for government social insurance, domestic	1,154.9	1,203.5	1,208.3	1,224.1	1,229.0	1,239.7	1,250.7
20	Net interest and miscellaneous payments on assets	533.7	524.1	525.2	503.7	493.1	485.5	488.0
21	Business current transfer payments (net)	137.6	161.4	143.2	224.5	158.1	164.6	146.5
22	Current surplus of government enterprises ¹	-20.2	-18.8	-18.9	-20.1	-20.5	-23.3	-23.3
23	Plus: Personal income receipts on assets	2,227.0	2,253.8	2,275.1	2,235.5	2,235.9	2,255.8	2,270.0
24	Plus: Personal current transfer receipts	2,540.4	2,678.6	2,692.1	2,708.2	2,744.0	2,763.6	2,785.8
25	Equals: Personal income	14,809.7	15,458.5	15,556.1	15,690.2	15,740.1	15,893.2	16,046.8
	Addenda:							
26	Gross domestic income (GDI)	17,651.1	18,290.3	18,378.0	18,487.6	18,546.0	18,642.7	---
27	Average of GDP and GDI ²	17,522.1	18,163.5	18,260.0	18,355.2	18,413.8	18,546.4	---
28	Gross national income	17,899.1	18,496.0	18,568.6	18,699.0	18,718.5	18,850.5	---
29	Gross national factor income ³	16,628.2	17,172.5	17,261.8	17,304.6	17,389.5	17,521.8	---
30	Net domestic product	14,647.9	15,205.9	15,297.8	15,360.0	15,408.1	15,548.3	15,729.3
31	Net domestic income	14,905.9	15,459.6	15,533.8	15,624.8	15,672.4	15,740.9	---
32	Net national factor income ⁴	13,883.0	14,341.7	14,417.7	14,441.9	14,515.9	14,620.0	---
33	Net domestic purchases	15,156.7	15,727.8	15,821.1	15,880.9	15,915.5	16,040.8	16,188.0
34	Statistical discrepancy as a percentage of GDP	-1.5	-1.4	-1.3	-1.5	-1.4	-1.0	---

Legend / Footnotes:

1. Prior to 1959, current surplus of government enterprises (line 22) is not shown separately; subsidies are included net of the current surplus of government enterprises in line 18.
2. The arithmetic average of gross domestic product and of gross domestic income.
3. Consists of compensation of employees, proprietors' income with inventory valuation adjustment (IVA) and capital consumption adjustment (CCAdj), rental income of persons with CCAdj, corporate profits with IVA and CCAdj, net interest and miscellaneous payments, and consumption of fixed capital.
4. Consists of gross national factor income less consumption of fixed capital.

Table 1.7.6. Relation of Real Gross Domestic Product, Real Gross National Product, and Real Net National Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product (GDP)	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Plus: Income receipts from the rest of the world	712.0	679.1	681.2	664.9	671.0	701.8	---
3	Less: Income payments to the rest of the world	504.1	504.8	519.7	486.3	524.0	526.0	---
4	Equals: Gross national product	16,192.5	16,570.4	16,614.0	16,668.4	16,668.3	16,757.6	---
5	Less: Consumption of fixed capital	2,568.1	2,630.4	2,638.1	2,653.4	2,667.4	2,680.2	2,692.1
6	Private	2,093.9	2,155.3	2,162.9	2,178.0	2,191.9	2,204.5	2,216.2
7	Government	474.7	475.7	475.9	476.1	476.4	476.6	476.8
8	General government	417.4	417.7	417.8	417.8	417.9	417.9	417.9
9	Government enterprises	57.2	58.0	58.1	58.2	58.5	58.6	58.8
10	Equals: Net national product	13,623.8	13,939.5	13,975.4	14,014.8	14,001.0	14,077.5	---
	Addenda:							
11	Gross domestic income (GDI) ¹	16,219.3	16,627.8	16,669.0	16,730.3	16,763.9	16,756.2	---
12	Average of GDP and GDI ²	16,100.8	16,512.5	16,561.9	16,610.5	16,644.5	16,669.7	---
13	Gross national income ³	16,429.3	16,800.8	16,827.9	16,907.9	16,907.0	16,930.6	---
14	Net domestic product	13,413.6	13,766.2	13,816.2	13,836.9	13,857.5	13,902.9	14,009.8
15	Net domestic income ⁴	13,649.9	13,995.9	14,029.4	14,075.5	14,095.2	14,075.2	---
16	Net domestic purchases	13,840.4	14,306.6	14,363.7	14,403.1	14,423.5	14,462.0	14,535.7

Legend / Footnotes:

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

2. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.

3. Gross national income deflated by the implicit price deflator for gross national product.

4. Net domestic income deflated by the implicit price deflator for net domestic product.

Note. Except as noted in footnotes 1, 2 and 3, chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table 1.8.3. Command-Basis Real Gross Domestic Product and Gross National Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	110.844	113.721	114.121	114.370	114.608	115.011	115.836
2	Less: Exports of goods and services	133.414	133.560	133.550	132.629	132.389	132.974	136.194
3	Plus: Imports of goods and services	128.279	134.155	134.510	134.752	134.544	134.620	135.403
4	Equals: Gross domestic purchases	110.765	114.335	114.773	115.141	115.373	115.718	116.295
5	Plus: Exports of goods and services, command basis ¹	137.111	130.157	129.594	126.774	124.832	125.940	129.223
6	Less: Imports of goods and services, command basis ¹	133.285	128.226	127.791	125.400	123.214	123.298	124.303
7	Equals: Command-basis gross domestic product ^{1,2}	110.557	114.167	114.599	115.017	115.331	115.790	116.601
8	Plus: Income receipts from the rest of the world, command basis ¹	120.350	114.367	114.707	111.989	113.127	118.300	---
9	Less: Income payments to the rest of the world, command basis ¹	111.193	111.356	114.638	107.329	115.926	116.414	---
10	Equals: Command-basis gross national product ^{1,3}	110.972	114.272	114.602	115.145	115.213	115.881	---
	Addenda:							
11	Command-basis net domestic product ⁴	110.986	114.783	115.237	115.611	115.873	116.317	117.188
12	Net domestic product	111.313	114.239	114.654	114.826	114.996	115.374	116.261
13	Command-basis net national product ⁴	111.469	114.896	115.228	115.751	115.720	116.413	---
14	Net national product	111.658	114.245	114.539	114.862	114.749	115.376	---
	Percent change from preceding period (seasonally adjusted at annual rates):							
15	Real gross domestic product	2.4	2.6	2.0	0.9	0.8	1.4	2.9
16	Command-basis gross domestic product	2.5	3.3	2.2	1.5	1.1	1.6	2.8
17	Real gross national product	2.3	2.3	1.7	1.3	0.0	2.2	---
18	Command-basis gross national product	2.4	3.0	1.8	1.9	0.2	2.3	---

Legend / Footnotes:

1. Deflator is the gross domestic purchases price index.
2. This measure is called 'real gross domestic income' in the System of National Accounts, 2008.
3. This measure is called 'real gross national income' in the System of National Accounts, 2008.
4. Deflator is the net domestic purchases price index.

Table 1.8.6. Command-Basis Real Gross Domestic Product and Gross National Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic product	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Less: Exports of goods and services	2,118.3	2,120.6	2,120.4	2,105.8	2,102.0	2,111.3	2,162.4
3	Plus: Imports of goods and services	2,544.0	2,660.5	2,667.6	2,672.4	2,668.2	2,669.7	2,685.3
4	Equals: Gross domestic purchases	16,408.9	16,937.8	17,002.6	17,057.2	17,091.5	17,142.6	17,228.2
5	Plus: Exports of goods and services, command basis ¹	2,177.0	2,066.6	2,057.6	2,012.8	1,982.0	1,999.6	2,051.7
6	Less: Imports of goods and services, command basis ¹	2,643.3	2,542.9	2,534.3	2,486.9	2,443.5	2,445.2	2,465.2
7	Equals: Command-basis gross domestic product ^{1,2}	15,941.0	16,461.4	16,523.7	16,584.0	16,629.3	16,695.5	16,812.4
8	Plus: Income receipts from the rest of the world, command basis ¹	780.9	742.1	744.3	726.7	734.1	767.6	---
9	Less: Income payments to the rest of the world, command basis ¹	553.6	554.4	570.7	534.3	577.1	579.6	---
10	Equals: Command-basis gross national product ^{1,3}	16,168.3	16,649.1	16,697.3	16,776.4	16,786.3	16,883.6	---
	Addenda:							
11	Command-basis net domestic product ⁴	13,374.2	13,831.8	13,886.4	13,931.5	13,963.1	14,016.6	14,121.6
12	Net domestic product	13,413.6	13,766.2	13,816.2	13,836.9	13,857.5	13,902.9	14,009.8
13	Command-basis net national product ⁴	13,600.8	14,018.9	14,059.4	14,123.2	14,119.5	14,204.0	---
14	Net national product	13,623.8	13,939.5	13,975.4	14,014.8	14,001.0	14,077.5	---
	Trade indexes (seasonally adjusted):							
15	Trading gains index ⁵	99.752	100.392	100.432	100.561	100.636	100.687	100.675
16	Terms of trade index ⁶	98.911	101.959	102.151	102.726	102.975	103.418	103.366
17	Terms of trade, goods ⁷	97.545	99.788	99.884	100.212	99.469	100.279	100.063
18	Terms of trade, nonpetroleum goods ⁸	105.920	101.453	101.405	100.283	98.289	99.681	99.873

Legend / Footnotes:

1. Deflator is the gross domestic purchases price index.
2. This measure is called 'real gross domestic income' in the System of National Accounts, 2008.
3. This measure is called 'real gross national income' in the System of National Accounts, 2008.
4. Deflator is the net domestic purchases price index.
5. Ratio (multiplied by 100) of price index for gross domestic product to the price index for gross domestic purchases.
6. Ratio (multiplied by 100) of the price index for exports of goods and services to the price index for imports of goods and services.
7. Ratio (multiplied by 100) of the price index for goods exports to the price index for goods imports.
8. Ratio (multiplied by 100) of the price index for goods exports to the price index for nonpetroleum goods imports.

Table 1.10. Gross Domestic Income by Type of Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross domestic income	17,651.1	18,290.3	18,378.0	18,487.6	18,546.0	18,642.7	---
2	Compensation of employees, paid	9,263.7	9,704.1	9,751.3	9,903.9	9,904.7	10,017.6	10,131.2
3	Wages and salaries	7,486.6	7,865.8	7,905.2	8,036.1	8,023.3	8,116.7	8,211.3
4	To persons	7,469.6	7,847.8	7,886.8	8,017.5	8,004.1	8,097.1	---
5	To the rest of the world	16.9	18.1	18.4	18.6	19.3	19.6	---
6	Supplements to wages and salaries	1,777.1	1,838.2	1,846.1	1,867.8	1,881.3	1,900.8	1,919.8
7	Taxes on production and imports	1,210.2	1,237.6	1,239.9	1,247.3	1,249.8	1,246.7	1,258.0
8	Less: Subsidies ¹	56.7	56.6	57.4	57.3	58.3	59.4	60.2
9	Net operating surplus	4,488.7	4,574.5	4,600.1	4,530.9	4,576.2	4,535.9	---
10	Private enterprises	4,508.9	4,593.3	4,618.9	4,551.1	4,596.8	4,559.2	---
11	Net interest and miscellaneous payments, domestic industries	686.3	693.2	697.8	677.3	678.1	672.8	---
12	Business current transfer payments (net)	137.6	161.4	143.2	224.5	158.1	164.6	146.5
13	Proprietors' income with inventory valuation and capital consumption adjustments	1,337.7	1,376.8	1,389.0	1,400.9	1,403.9	1,407.8	1,415.5
14	Rental income of persons with capital consumption adjustment	606.1	659.6	668.1	677.3	692.8	700.6	707.5
15	Corporate profits with inventory valuation and capital consumption adjustments, domestic industries	1,741.1	1,702.3	1,720.9	1,571.0	1,663.9	1,613.4	---
16	Taxes on corporate income	532.7	553.8	530.0	574.9	527.5	543.9	---
17	Profits after tax with inventory valuation and capital consumption adjustments	1,208.3	1,148.5	1,190.8	996.1	1,136.4	1,069.5	---
18	Net dividends	830.0	841.0	837.8	830.4	838.0	800.9	---
19	Undistributed corporate profits with inventory valuation and capital consumption adjustments	378.3	307.5	353.0	165.7	298.4	268.6	---
20	Current surplus of government enterprises ¹	-20.2	-18.8	-18.9	-20.1	-20.5	-23.3	-23.3
21	Consumption of fixed capital	2,745.2	2,830.8	2,844.2	2,862.8	2,873.6	2,901.8	2,921.9
22	Private	2,227.8	2,308.3	2,320.7	2,339.6	2,350.3	2,375.1	2,393.7
23	Government	517.4	522.5	523.5	523.2	523.3	526.7	528.2
Addendum:								
24	Statistical discrepancy	-257.9	-253.7	-236.1	-264.8	-264.3	-192.6	---

Legend / Footnotes:

1. Prior to 1959, subsidies (line 8) and the current surplus of government enterprises (line 20) are not shown separately; subsidies are presented net of the current surplus of government enterprises.

Table 1.12. National Income by Type of Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National income	15,153.9	15,665.3	15,724.4	15,836.2	15,844.9	15,948.8	---
2	Compensation of employees	9,253.4	9,693.1	9,740.0	9,892.4	9,892.6	10,005.1	10,118.7
3	Wages and salaries	7,476.3	7,854.8	7,893.9	8,024.6	8,011.3	8,104.3	8,198.9
4	Government	1,236.7	1,274.5	1,280.1	1,288.9	1,296.1	1,304.4	1,317.6
5	Other	6,239.6	6,580.3	6,613.8	6,735.8	6,715.2	6,799.9	6,881.3
6	Supplements to wages and salaries	1,777.1	1,838.2	1,846.1	1,867.8	1,881.3	1,900.8	1,919.8
7	Employer contributions for employee pension and insurance funds 1	1,229.8	1,270.5	1,276.1	1,290.0	1,304.9	1,319.4	1,333.2
8	Employer contributions for government social insurance	547.3	567.7	570.0	577.8	576.4	581.4	586.6
9	Proprietors' income with IVA and CCAdj	1,337.7	1,376.8	1,389.0	1,400.9	1,403.9	1,407.8	1,415.5
10	Farm	68.5	39.9	44.6	38.1	32.3	29.8	28.4
11	Nonfarm	1,269.2	1,336.8	1,344.4	1,362.8	1,371.6	1,378.0	1,387.1
12	Rental income of persons with CCAdj	606.1	659.6	668.1	677.3	692.8	700.6	707.5
13	Corporate profits with IVA and CCAdj	2,152.1	2,088.1	2,095.4	1,967.5	2,033.5	2,021.0	---
14	Taxes on corporate income	532.7	553.8	530.0	574.9	527.5	543.9	---
15	Profits after tax with IVA and CCAdj	1,619.3	1,534.3	1,565.3	1,392.6	1,506.0	1,477.1	---
16	Net dividends	970.6	971.4	976.8	956.0	963.3	954.0	972.5
17	Undistributed profits with IVA and CCAdj	648.7	562.9	588.6	436.6	542.7	523.1	---
18	Net interest and miscellaneous payments	533.7	524.1	525.2	503.7	493.1	485.5	488.0
19	Taxes on production and imports	1,210.2	1,237.6	1,239.9	1,247.3	1,249.8	1,246.7	1,258.0
20	Less: Subsidies 2	56.7	56.6	57.4	57.3	58.3	59.4	60.2
21	Business current transfer payments (net)	137.6	161.4	143.2	224.5	158.1	164.6	146.5
22	To persons (net)	45.5	51.4	52.1	52.4	52.6	53.0	53.5
23	To government (net)	100.3	110.7	89.0	171.9	103.0	106.6	86.0
24	To the rest of the world (net)	-8.2	-0.8	2.1	0.2	2.5	5.0	7.0
25	Current surplus of government enterprises 2	-20.2	-18.8	-18.9	-20.1	-20.5	-23.3	-23.3
Addenda for corporate cash flow:								
26	Net cash flow with IVA	2,108.1	2,083.1	2,118.0	1,976.8	2,089.5	2,076.1	---
27	Undistributed profits with IVA and CCAdj	648.7	562.9	588.6	436.6	542.7	523.1	---
28	Consumption of fixed capital	1,462.6	1,517.0	1,525.7	1,538.3	1,545.1	1,558.6	1,567.2
29	Less: Capital transfers paid (net)	3.3	-3.2	-3.7	-1.9	-1.7	5.6	---
Addenda:								
30	Proprietors' income with IVA and CCAdj	1,337.7	1,376.8	1,389.0	1,400.9	1,403.9	1,407.8	1,415.5
31	Farm	68.5	39.9	44.6	38.1	32.3	29.8	28.4
32	Proprietors' income with IVA	74.5	45.9	50.5	44.0	38.2	35.7	34.2
33	Capital consumption adjustment	-6.0	-5.9	-5.9	-5.9	-5.9	-5.9	-5.9
34	Nonfarm	1,269.2	1,336.8	1,344.4	1,362.8	1,371.6	1,378.0	1,387.1
35	Proprietors' income (without IVA and CCAdj)	1,070.0	1,114.4	1,119.8	1,134.6	1,146.0	1,174.2	1,173.3
36	Inventory valuation adjustment	1.0	8.3	9.7	10.9	10.6	-10.5	-0.9
37	Capital consumption adjustment	198.2	214.1	214.9	217.3	215.0	214.3	214.6
38	Rental income of persons with CCAdj	606.1	659.6	668.1	677.3	692.8	700.6	707.5
39	Rental income of persons (without CCAdj)	623.3	677.1	685.7	694.8	710.1	718.3	725.7
40	Capital consumption adjustment	-17.3	-17.5	-17.6	-17.5	-17.3	-17.7	-18.1
41	Corporate profits with IVA and CCAdj	2,152.1	2,088.1	2,095.4	1,967.5	2,033.5	2,021.0	---
42	Corporate profits with IVA	2,265.9	2,192.4	2,200.5	2,069.8	2,139.2	2,127.1	---
43	Profits before tax (without IVA and CCAdj)	2,262.9	2,137.6	2,140.8	1,998.4	2,078.0	2,180.6	---
44	Taxes on corporate income	532.7	553.8	530.0	574.9	527.5	543.9	---
45	Profits after tax (without IVA and CCAdj)	1,730.1	1,583.8	1,610.8	1,423.4	1,550.5	1,636.7	---
46	Net dividends	970.6	971.4	976.8	956.0	963.3	954.0	972.5
47	Undistributed profits (without IVA and CCAdj)	759.6	612.4	634.0	467.5	587.2	682.7	---
48	Inventory valuation adjustment	3.0	54.8	59.7	71.4	61.2	-53.5	---
49	Capital consumption adjustment	-113.9	-104.3	-105.2	-102.2	-105.7	-106.1	-102.0

Legend / Footnotes:

IVA Inventory valuation adjustment

CCAdj Capital consumption adjustment

1. Includes actual employer contributions and actuarially imputed employer contributions to reflect benefits accrued by defined benefit pension plan participants through service to employers in the current period.

2. Prior to 1959, subsidies (line 20) and the current surplus of government enterprises (line 25) are not shown separately; subsidies are presented net of the current surplus of government enterprises.

Table 1.14. Gross Value Added of Domestic Corporate Business in Current Dollars and Gross Value Added of Nonfinancial Domestic Corporate Business in Current and Chained Dollars

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross value added of corporate business ¹	9,980.2	10,311.1	10,348.3	10,404.3	10,431.2	10,474.8	---
2	Consumption of fixed capital	1,462.6	1,517.0	1,525.7	1,538.3	1,545.1	1,558.6	1,567.2
3	Net value added	8,517.5	8,794.2	8,822.6	8,866.0	8,886.1	8,916.2	---
4	Compensation of employees	5,644.9	5,936.7	5,967.1	6,077.1	6,056.7	6,133.6	6,204.2
5	Wages and salaries	4,727.2	4,985.3	5,010.8	5,103.2	5,079.7	5,144.9	5,205.2
6	Supplements to wages and salaries	917.7	951.4	956.3	973.9	977.0	988.7	999.0
7	Taxes on production and imports less subsidies	802.3	824.1	825.5	830.5	831.8	829.6	836.8
8	Net operating surplus	2,070.3	2,033.4	2,030.0	1,958.4	1,997.6	1,953.0	---
9	Net interest and miscellaneous payments	230.3	202.6	198.5	195.5	195.2	194.7	---
10	Business current transfer payments (net)	98.9	128.5	110.7	191.9	138.5	144.9	126.7
11	Corporate profits with IVA and CCAdj	1,741.1	1,702.3	1,720.9	1,571.0	1,663.9	1,613.4	---
12	Taxes on corporate income	532.7	553.8	530.0	574.9	527.5	543.9	---
13	Profits after tax with IVA and CCAdj	1,208.3	1,148.5	1,190.8	996.1	1,136.4	1,069.5	---
14	Net dividends	830.0	841.0	837.8	830.4	838.0	800.9	---
15	Undistributed profits with IVA and CCAdj	378.3	307.5	353.0	165.7	298.4	268.6	---
16	Gross value added of financial corporate business ¹	1,276.3	1,302.3	1,306.4	1,324.1	1,354.3	1,378.8	---
17	Gross value added of nonfinancial corporate business ¹	8,703.9	9,008.8	9,041.9	9,080.2	9,076.9	9,096.0	---
18	Consumption of fixed capital	1,282.8	1,329.6	1,336.5	1,346.6	1,356.4	1,367.7	1,374.7
19	Net value added	7,421.1	7,679.2	7,705.3	7,733.6	7,720.5	7,728.3	---
20	Compensation of employees	4,999.5	5,259.8	5,279.6	5,351.3	5,333.3	5,401.0	5,463.2
21	Wages and salaries	4,181.3	4,412.3	4,428.7	4,488.1	4,467.4	4,524.7	4,577.8
22	Supplements to wages and salaries	818.1	847.5	850.9	863.2	865.9	876.3	885.4
23	Taxes on production and imports less subsidies	738.3	754.2	755.4	760.0	761.3	759.3	765.9
24	Net operating surplus	1,683.3	1,665.2	1,670.3	1,622.3	1,625.9	1,568.0	---
25	Net interest and miscellaneous payments	295.6	310.9	313.1	314.2	314.1	312.4	---
26	Business current transfer payments (net)	90.8	104.7	83.7	166.2	85.1	85.0	85.6
27	Corporate profits with IVA and CCAdj	1,297.0	1,249.7	1,273.5	1,141.9	1,226.7	1,170.5	---
28	Taxes on corporate income	313.7	308.1	306.1	277.6	312.7	321.4	---
29	Profits after tax with IVA and CCAdj	983.3	941.6	967.4	864.3	914.0	849.1	---
30	Net dividends	579.6	608.0	617.9	625.5	626.8	613.7	---
31	Undistributed profits with IVA and CCAdj	403.7	333.6	349.5	238.7	287.2	235.4	---
Addenda:								
Corporate business:								
32	Profits before tax (without IVA and CCAdj)	1,851.9	1,751.8	1,766.3	1,601.9	1,708.4	1,773.0	---
33	Profits after tax (without IVA and CCAdj)	1,319.2	1,198.0	1,236.3	1,027.0	1,180.9	1,229.1	---
34	Undistributed profits after tax (without IVA and CCAdj)	489.1	357.0	398.5	196.5	342.9	428.2	---
35	Inventory valuation adjustment	3.0	54.8	59.7	71.4	61.2	-53.5	---
36	Capital consumption adjustment	-113.9	-104.3	-105.2	-102.2	-105.7	-106.1	-102.0
Nonfinancial corporate business:								
37	Profits before tax (without IVA and CCAdj)	1,371.6	1,258.6	1,277.2	1,130.1	1,229.3	1,288.5	---
38	Profits after tax (without IVA and CCAdj)	1,058.0	950.5	971.1	852.5	916.6	967.1	---
39	Inventory valuation adjustment	3.0	54.8	59.7	71.4	61.2	-53.5	---
40	Capital consumption adjustment	-77.7	-63.7	-63.4	-59.6	-63.8	-64.4	-61.0
Value added, in billions of chained (2009) dollars:								
41	Gross value added of nonfinancial corporate business ²	8,253.2	8,513.9	8,539.6	8,597.5	8,637.9	8,617.9	---
42	Consumption of fixed capital ³	1,213.8	1,254.8	1,260.2	1,270.1	1,278.1	1,285.7	1,293.1
43	Net value added ⁴	7,039.4	7,259.1	7,279.4	7,327.4	7,359.7	7,332.1	---

Legend / Footnotes:

1. Estimates for financial corporate business and nonfinancial corporate business for 2000 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

2. The current-dollar gross value added is deflated using the gross value added chain-type price index for nonfinancial industries from the GDP-by-industry accounts. For periods when this price index is not available, the chain-type price index for GDP goods and structures is used.

Table 1.14. Gross Value Added of Domestic Corporate Business in Current Dollars and Gross Value Added of Nonfinancial Domestic Corporate Business in Current and Chained Dollars

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

3. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100.

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

IVA Inventory valuation adjustment

CCAdj Capital consumption adjustment

Table 1.15. Price, Costs, and Profit Per Unit of Real Gross Value Added of Nonfinancial Domestic Corporate Business

[Dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Price per unit of real gross value added of nonfinancial corporate business ¹	1.055	1.058	1.059	1.056	1.051	1.055	---
2	Compensation of employees (unit labor cost)	0.606	0.618	0.618	0.622	0.617	0.627	---
3	Unit nonlabor cost	0.292	0.294	0.291	0.301	0.291	0.293	---
4	Consumption of fixed capital	0.155	0.156	0.157	0.157	0.157	0.159	---
5	Taxes on production and imports less subsidies plus business current transfer payments (net)	0.100	0.101	0.098	0.108	0.098	0.098	---
6	Net interest and miscellaneous payments	0.036	0.037	0.037	0.037	0.036	0.036	---
7	Corporate profits with IVA and CCAdj (unit profits from current production)	0.157	0.147	0.149	0.133	0.142	0.136	---
8	Taxes on corporate income	0.038	0.036	0.036	0.032	0.036	0.037	---
9	Profits after tax with IVA and CCAdj	0.119	0.111	0.113	0.101	0.106	0.099	---

Legend / Footnotes:

1. The implicit price deflator for gross value added of nonfinancial corporate business divided by 100. Estimates for nonfinancial corporate business for 2000 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).

Note. The current-dollar gross value added is deflated using the gross value added chain-type price index for nonfinancial industries from the GDP-by-industry accounts. For periods when this price index is not available, the chain-type price index for GDP goods and structures is used.

IVA Inventory valuation adjustment

CCAdj Capital consumption adjustment

Table 1.17.1. Percent Change From Preceding Period in Real Gross Domestic Product, Real Gross Domestic Income, and Other Major NIPA Aggregates

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Production in the United States:							
1	Gross domestic product (GDP)	2.4	2.6	2.0	0.9	0.8	1.4	2.9
2	Gross domestic income (GDI)	3.0	2.5	2.5	1.5	0.8	-0.2	---
3	Average of GDP and GDI ¹	2.7	2.6	2.2	1.2	0.8	0.6	---
4	Net domestic product ²	2.4	2.6	1.9	0.6	0.6	1.3	3.1
5	Net domestic income ²	3.2	2.5	2.5	1.3	0.6	-0.6	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	2.3	2.3	1.7	1.3	0.0	2.2	---
7	Gross national income	3.0	2.3	2.1	1.9	0.0	0.6	---
8	Net national product ²	2.4	2.3	1.5	1.1	-0.4	2.2	---
	Final expenditures by U.S. residents:							
9	Gross domestic purchases	2.4	3.2	2.4	1.3	0.8	1.2	2.0
10	Final sales to domestic purchasers ³	2.6	3.1	3.0	1.7	1.2	2.4	1.4
11	Final sales to private domestic purchasers ⁴	3.4	3.3	3.3	1.8	1.1	3.2	1.6
	Purchasing power of income: ⁵							
12	Command-basis gross domestic product	2.5	3.3	2.2	1.5	1.1	1.6	2.8
13	Command-basis net domestic product ²	2.5	3.4	2.1	1.3	0.9	1.5	3.0
14	Command-basis gross national product	2.4	3.0	1.8	1.9	0.2	2.3	---
15	Command-basis net national product ²	2.5	3.1	1.7	1.8	-0.1	2.4	---
	After-tax income received by the personal sector:							
16	Disposable personal income	3.5	3.5	3.3	3.0	2.1	2.1	2.2

Legend / Footnotes:

1. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.

2. In this table, the net measures are the corresponding gross measures excluding the depreciation of fixed assets as measured by the consumption of fixed capital.

3. Gross domestic purchases excluding change in private inventories.

4. Final sales to domestic purchasers less government consumption expenditures and gross investment.

5. The command-basis estimates (lines 12-15) measure the purchasing power of the income generated by the sale of goods and services produced; they reflect gains or losses in real income resulting from changes in the terms of trade for exports and imports. For more detail on the command-basis measures, see NIPA tables 1.8.3 and 1.8.6.

Table 1.17.5. Gross Domestic Product, Gross Domestic Income, and Other Major NIPA Aggregates

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Production in the United States:							
1	Gross domestic product (GDP)	17,393.1	18,036.6	18,141.9	18,222.8	18,281.6	18,450.1	18,651.2
2	Gross domestic income (GDI)	17,651.1	18,290.3	18,378.0	18,487.6	18,546.0	18,642.7	---
3	Average of GDP and GDI ¹	17,522.1	18,163.5	18,260.0	18,355.2	18,413.8	18,546.4	---
4	Net domestic product ²	14,647.9	15,205.9	15,297.8	15,360.0	15,408.1	15,548.3	15,729.3
5	Net domestic income ²	14,905.9	15,459.6	15,533.8	15,624.8	15,672.4	15,740.9	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	17,641.2	18,242.4	18,332.5	18,434.1	18,454.2	18,657.9	---
7	Gross national income	17,899.1	18,496.0	18,568.6	18,699.0	18,718.5	18,850.5	---
8	Net national product ²	14,896.0	15,411.6	15,488.4	15,571.4	15,580.6	15,756.2	---
9	National income ³	15,153.9	15,665.3	15,724.4	15,836.2	15,844.9	15,948.8	---
	Final expenditures by U.S. residents:							
10	Gross domestic purchases	17,901.9	18,558.6	18,665.3	18,743.7	18,789.0	18,942.5	19,109.8
11	Final sales to domestic purchasers ⁴	17,836.4	18,465.2	18,588.5	18,681.0	18,747.1	18,957.5	19,099.9
12	Final sales to private domestic purchasers ⁵	14,684.4	15,246.9	15,352.2	15,436.0	15,492.8	15,695.2	15,815.6
	After-tax income received by the personal sector:							
13	Disposable personal income	13,022.7	13,519.8	13,611.7	13,726.4	13,807.4	13,948.0	14,073.3

Legend / Footnotes:

1. The arithmetic average of gross domestic product and of gross domestic income.

2. In this table, net measures are the corresponding gross measures excluding the depreciation of fixed assets as measured by the consumption of fixed capital.

3. Equals gross national income less the depreciation of fixed assets as measured by the consumption of fixed capital.

4. Equals gross domestic purchases less change in private inventories.

5. Final sales to domestic purchasers less government consumption expenditures and gross investment.

Table 1.17.6. Real Gross Domestic Product, Real Gross Domestic Income, and Other Major NIPA Aggregates, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Production in the United States:							
1	Gross domestic product (GDP)	15,982.3	16,397.2	16,454.9	16,490.7	16,525.0	16,583.1	16,702.1
2	Gross domestic income (GDI)	16,219.3	16,627.8	16,669.0	16,730.3	16,763.9	16,756.2	---
3	Average of GDP and GDI ¹	16,100.8	16,512.5	16,561.9	16,610.5	16,644.5	16,669.7	---
4	Net domestic product ²	13,413.6	13,766.2	13,816.2	13,836.9	13,857.5	13,902.9	14,009.8
5	Net domestic income ²	13,649.9	13,995.9	14,029.4	14,075.5	14,095.2	14,075.2	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	16,192.5	16,570.4	16,614.0	16,668.4	16,668.3	16,757.6	---
7	Gross national income	16,429.3	16,800.8	16,827.9	16,907.9	16,907.0	16,930.6	---
8	Net national product ²	13,623.8	13,939.5	13,975.4	14,014.8	14,001.0	14,077.5	---
	Final expenditures by U.S. residents:							
9	Gross domestic purchases	16,408.9	16,937.8	17,002.6	17,057.2	17,091.5	17,142.6	17,228.2
10	Final sales to domestic purchasers ³	16,339.9	16,841.6	16,919.8	16,989.4	17,040.5	17,139.9	17,200.3
11	Final sales to private domestic purchasers ⁴	13,516.9	13,969.1	14,036.7	14,099.1	14,138.7	14,251.0	14,308.0
	Purchasing power of income: ⁵							
12	Command-basis gross domestic product	15,941.0	16,461.4	16,523.7	16,584.0	16,629.3	16,695.5	16,812.4
13	Command-basis net domestic product ²	13,374.2	13,831.8	13,886.4	13,931.5	13,963.1	14,016.6	14,121.6
14	Command-basis gross national product	16,168.3	16,649.1	16,697.3	16,776.4	16,786.3	16,883.6	---
15	Command-basis net national product ²	13,600.8	14,018.9	14,059.4	14,123.2	14,119.5	14,204.0	---
	After-tax income received by the personal sector:							
16	Disposable personal income	11,931.0	12,343.3	12,398.9	12,491.0	12,556.0	12,620.7	12,688.4

Legend / Footnotes:

1. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.

2. In this table, the net measures are the corresponding gross measures excluding the depreciation of fixed assets as measured by the consumption of fixed capital.

3. Gross domestic purchases excluding change in private inventories.

4. Final sales to domestic purchasers less government consumption expenditures and gross investment.

5. The command-basis estimates (lines 12-15) measure the purchasing power of the income generated by the sale of goods and services produced; they reflect gains or losses in real income resulting from changes in the terms of trade for exports and imports. For more detail on the command-basis measures, see NIPA tables 1.8.3 and 1.8.6.

Table 2.1. Personal Income and Its Disposition

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal income	14,809.7	15,458.5	15,556.1	15,690.2	15,740.1	15,893.2	16,046.8
2	Compensation of employees	9,253.4	9,693.1	9,740.0	9,892.4	9,892.6	10,005.1	10,118.7
3	Wages and salaries	7,476.3	7,854.8	7,893.9	8,024.6	8,011.3	8,104.3	8,198.9
4	Private industries	6,239.6	6,580.3	6,613.8	6,735.8	6,715.2	6,799.9	6,881.3
5	Government	1,236.7	1,274.5	1,280.1	1,288.9	1,296.1	1,304.4	1,317.6
6	Supplements to wages and salaries	1,777.1	1,838.2	1,846.1	1,867.8	1,881.3	1,900.8	1,919.8
7	Employer contributions for employee pension and insurance funds 1	1,229.8	1,270.5	1,276.1	1,290.0	1,304.9	1,319.4	1,333.2
8	Employer contributions for government social insurance	547.3	567.7	570.0	577.8	576.4	581.4	586.6
9	Proprietors' income with inventory valuation and capital consumption adjustments	1,337.7	1,376.8	1,389.0	1,400.9	1,403.9	1,407.8	1,415.5
10	Farm	68.5	39.9	44.6	38.1	32.3	29.8	28.4
11	Nonfarm	1,269.2	1,336.8	1,344.4	1,362.8	1,371.6	1,378.0	1,387.1
12	Rental income of persons with capital consumption adjustment	606.1	659.6	668.1	677.3	692.8	700.6	707.5
13	Personal income receipts on assets	2,227.0	2,253.8	2,275.1	2,235.5	2,235.9	2,255.8	2,270.0
14	Personal interest income	1,300.9	1,302.7	1,336.1	1,293.0	1,296.1	1,310.2	1,317.6
15	Personal dividend income	926.1	951.1	939.0	942.5	939.8	945.5	952.5
16	Personal current transfer receipts	2,540.4	2,678.6	2,692.1	2,708.2	2,744.0	2,763.6	2,785.8
17	Government social benefits to persons	2,494.9	2,627.2	2,640.0	2,655.8	2,691.4	2,710.6	2,732.2
18	Social security 2	834.6	871.8	874.5	881.5	886.3	894.1	899.8
19	Medicare 3	601.1	628.2	631.6	639.8	650.0	659.2	666.0
20	Medicaid	487.4	539.6	545.3	547.3	555.6	558.8	570.2
21	Unemployment insurance	35.5	32.2	32.0	31.4	31.5	30.3	29.9
22	Veterans' benefits	83.7	89.8	90.0	92.2	93.1	95.2	95.7
23	Other	452.6	465.6	466.5	463.5	474.9	473.0	470.7
24	Other current transfer receipts, from business (net)	45.5	51.4	52.1	52.4	52.6	53.0	53.5
25	Less: Contributions for government social insurance, domestic	1,154.9	1,203.5	1,208.3	1,224.1	1,229.0	1,239.7	1,250.7
26	Less: Personal current taxes	1,787.0	1,938.7	1,944.4	1,963.8	1,932.7	1,945.2	1,973.5
27	Equals: Disposable personal income	13,022.7	13,519.8	13,611.7	13,726.4	13,807.4	13,948.0	14,073.3
28	Less: Personal outlays	12,296.7	12,736.2	12,813.2	12,899.6	12,961.9	13,154.5	13,272.7
29	Personal consumption expenditures	11,863.4	12,283.7	12,356.9	12,438.8	12,498.0	12,692.7	12,806.0
30	Personal interest payments 4	251.6	263.8	266.2	270.6	268.0	273.0	273.8
31	Personal current transfer payments	181.8	188.8	190.1	190.2	196.0	188.8	192.9
32	To government	98.3	103.3	103.9	104.0	108.2	108.2	108.8
33	To the rest of the world (net)	83.5	85.4	86.2	86.2	87.8	80.6	84.2
34	Equals: Personal saving	726.0	783.6	798.5	826.8	845.5	793.5	800.6
35	Personal saving as a percentage of disposable personal income	5.6	5.8	5.9	6.0	6.1	5.7	5.7
	Addenda:							
36	Personal income excluding current transfer receipts, billions of chained (2009) dollars 5	11,240.8	11,667.7	11,717.8	11,813.7	11,818.2	11,880.2	11,956.1
	Disposable personal income:							
37	Total, billions of chained (2009) dollars 5	11,931.0	12,343.3	12,398.9	12,491.0	12,556.0	12,620.7	12,688.4
	Per capita:							
38	Current dollars	40,794	42,026	42,270	42,537	42,715	43,075	43,371
39	Chained (2009) dollars	37,374	38,368	38,504	38,709	38,844	38,976	39,103
40	Population (midperiod, thousands)	319,233	321,704	322,015	322,693	323,242	323,808	324,486
	Percent change from preceding period:							
41	Disposable personal income, current dollars	5.1	3.8	4.4	3.4	2.4	4.1	3.6
42	Disposable personal income, chained (2009) dollars	3.5	3.5	3.3	3.0	2.1	2.1	2.2

Legend / Footnotes:

1. Includes actual employer contributions and actuarially imputed employer contributions to reflect benefits accrued by defined benefit pension plan participants through service to employers in the current period.
2. Social security benefits include old-age, survivors, and disability insurance benefits that are distributed from the federal old-age and survivors insurance trust fund and the disability insurance trust fund.
3. Medicare benefits include hospital and supplementary medical insurance benefits that are distributed from the federal hospital insurance trust fund and the supplementary medical insurance trust fund.
4. Consists of nonmortgage interest paid by households.
5. The current-dollar measure is deflated by the implicit price deflator for personal consumption expenditures.

Table 2.2B. Wages and Salaries by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Wages and salaries	7,476.3	7,854.8	7,893.9	8,024.6	8,011.3	8,104.3	8,198.9
2	Private industries	6,239.6	6,580.3	6,613.8	6,735.8	6,715.2	6,799.9	6,881.3
3	Goods-producing industries	1,257.4	1,308.1	1,310.4	1,334.6	1,327.7	1,340.4	1,349.3
4	Manufacturing	780.0	806.7	806.2	823.9	811.9	822.0	828.8
5	Services-producing industries	4,982.2	5,272.2	5,303.4	5,401.1	5,387.5	5,459.5	5,532.0
6	Trade, transportation, and utilities	1,175.4	1,237.1	1,245.1	1,264.2	1,253.7	1,267.1	1,278.6
7	Other services-producing industries ¹	3,806.8	4,035.1	4,058.3	4,137.0	4,133.8	4,192.3	4,253.4
8	Government	1,236.7	1,274.5	1,280.1	1,288.9	1,296.1	1,304.4	1,317.6

Legend / Footnotes:

1. Other services-producing industries consists of information; finance and insurance; real estate and rental and leasing; professional, scientific, and technical services; management of companies and enterprises, administrative and support and waste management and remediation services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; and other services.

Note. Estimates in this table are based on the 2002 North American Industry Classification System (NAICS).

Table 2.3.1. Percent Change From Preceding Period in Real Personal Consumption Expenditures by Major Type of Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal consumption expenditures (PCE)	2.9	3.2	2.7	2.3	1.6	4.3	2.1
2	Goods	3.9	4.0	4.2	2.1	1.2	7.1	2.2
3	Durable goods	6.7	6.9	6.2	4.0	-0.6	9.8	9.5
4	Motor vehicles and parts	6.3	5.0	2.8	-1.7	-8.5	9.0	16.2
5	Furnishings and durable household equipment	7.5	7.0	8.2	6.1	4.9	9.2	4.9
6	Recreational goods and vehicles	8.0	9.7	8.7	7.7	6.8	14.5	9.0
7	Other durable goods	4.4	6.4	6.4	7.4	-3.6	4.2	3.2
8	Nondurable goods	2.6	2.6	3.2	1.2	2.1	5.7	-1.4
9	Food and beverages purchased for off-premises consumption	2.1	0.0	-0.5	-0.2	3.2	7.5	1.7
10	Clothing and footwear	1.7	3.6	2.0	0.7	-0.7	4.8	-0.7
11	Gasoline and other energy goods	0.4	3.5	6.1	-1.0	5.8	-0.3	-3.5
12	Other nondurable goods	4.4	4.4	6.1	3.1	1.3	6.0	-3.6
13	Services	2.3	2.8	2.0	2.3	1.9	3.0	2.1
14	Household consumption expenditures (for services)	2.5	2.9	1.6	2.1	1.9	3.3	2.0
15	Housing and utilities	1.4	1.6	1.7	-1.8	0.7	4.4	2.4
16	Health care	3.2	5.3	3.8	3.7	5.6	7.3	2.3
17	Transportation services	4.6	3.6	0.6	5.4	-1.3	-1.6	-0.4
18	Recreation services	2.1	1.6	1.0	9.9	-0.6	-6.5	1.9
19	Food services and accommodations	3.3	4.4	1.6	3.8	2.5	2.7	3.2
20	Financial services and insurance	1.3	0.3	-0.9	2.1	-2.3	-0.5	0.6
21	Other services	3.3	2.3	-0.2	1.7	3.0	3.2	2.1
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-1.2	0.0	11.5	8.2	0.3	-4.3	4.0
23	Gross output of nonprofit institutions ²	1.5	2.4	1.4	3.4	3.8	5.5	3.1
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	2.5	3.2	-1.7	1.8	5.0	8.9	2.8
Addenda:								
25	PCE excluding food and energy ⁴	3.1	3.5	2.8	3.2	1.5	3.5	2.1
26	Energy goods and services ⁵	0.7	1.9	5.1	-12.2	1.9	17.1	4.2
27	Market-based PCE ⁶	3.1	3.5	2.8	2.0	1.9	4.9	2.2
28	Market-based PCE excluding food and energy ⁶	3.4	3.9	3.0	3.0	1.8	4.1	2.1

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.

5. Consists of gasoline and other energy goods and of electricity and gas services.

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

Table 2.3.2. Contributions to Percent Change in Real Personal Consumption Expenditures by Major Type of Product

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	Personal consumption expenditures (PCE)	2.9	3.2	2.7	2.3	1.6	4.3	2.1
	Percentage points at annual rates:							
2	Goods	1.31	1.33	1.37	0.69	0.37	2.23	0.70
3	Durable goods	0.72	0.75	0.67	0.44	-0.07	1.04	1.00
4	Motor vehicles and parts	0.23	0.19	0.11	-0.06	-0.33	0.32	0.56
5	Furnishings and durable household equipment	0.18	0.17	0.20	0.15	0.12	0.22	0.12
6	Recreational goods and vehicles	0.24	0.29	0.26	0.23	0.20	0.42	0.27
7	Other durable goods	0.07	0.11	0.11	0.12	-0.06	0.07	0.06
8	Nondurable goods	0.59	0.59	0.70	0.25	0.44	1.19	-0.30
9	Food and beverages purchased for off-premises consumption	0.16	0.00	-0.04	-0.01	0.23	0.53	0.12
10	Clothing and footwear	0.05	0.11	0.06	0.02	-0.02	0.15	-0.02
11	Gasoline and other energy goods	0.01	0.10	0.15	-0.02	0.12	-0.01	-0.08
12	Other nondurable goods	0.37	0.37	0.52	0.27	0.11	0.52	-0.32
13	Services	1.56	1.85	1.33	1.58	1.26	2.05	1.44
14	Household consumption expenditures (for services)	1.59	1.85	1.04	1.37	1.25	2.16	1.33
15	Housing and utilities	0.25	0.30	0.31	-0.33	0.13	0.80	0.43
16	Health care	0.53	0.88	0.64	0.61	0.93	1.23	0.40
17	Transportation services	0.13	0.11	0.02	0.16	-0.04	-0.05	-0.01
18	Recreation services	0.08	0.06	0.04	0.36	-0.02	-0.25	0.07
19	Food services and accommodations	0.21	0.28	0.11	0.25	0.16	0.18	0.21
20	Financial services and insurance	0.10	0.02	-0.06	0.16	-0.18	-0.03	0.05
21	Other services	0.29	0.20	-0.02	0.15	0.26	0.28	0.19
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-0.03	0.00	0.29	0.22	0.01	-0.12	0.11
23	Gross output of nonprofit institutions ²	0.17	0.26	0.15	0.36	0.41	0.60	0.34
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	0.20	0.26	-0.14	0.15	0.40	0.71	0.23
	Addenda:							
25	PCE excluding food and energy ⁴	2.68	3.09	2.51	2.83	1.33	3.14	1.86
26	Energy goods and services ⁵	0.04	0.09	0.22	-0.55	0.07	0.61	0.16
27	Market-based PCE ⁶	2.75	3.07	2.51	1.76	1.66	4.29	1.91
28	Market-based PCE excluding food and energy ⁶	2.56	2.98	2.33	2.32	1.36	3.15	1.63

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.

5. Consists of gasoline and other energy goods and of electricity and gas services.

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

Table 2.3.3. Real Personal Consumption Expenditures by Major Type of Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal consumption expenditures (PCE)	110.378	113.890	114.308	114.952	115.418	116.633	117.252
2	Goods	117.414	122.166	122.955	123.602	123.957	126.089	126.769
3	Durable goods	136.919	146.395	147.789	149.251	149.013	152.538	156.036
4	Motor vehicles and parts	126.009	132.278	133.384	132.821	129.894	132.725	137.813
5	Furnishings and durable household equipment	134.536	143.909	145.370	147.531	149.294	152.632	154.476
6	Recreational goods and vehicles	160.621	176.132	178.201	181.545	184.552	190.902	195.057
7	Other durable goods	124.272	132.167	133.097	135.503	134.272	135.664	136.753
8	Nondurable goods	109.253	112.146	112.695	113.023	113.608	115.185	114.771
9	Food and beverages purchased for off-premises consumption	105.417	105.376	105.310	105.263	106.088	108.012	108.457
10	Clothing and footwear	114.396	118.571	119.213	119.429	119.206	120.616	120.415
11	Gasoline and other energy goods	97.200	100.617	101.379	101.128	102.571	102.497	101.575
12	Other nondurable goods	116.414	121.483	122.522	123.448	123.843	125.649	124.493
13	Services	107.004	109.954	110.208	110.849	111.361	112.184	112.774
14	Household consumption expenditures (for services)	106.980	110.056	110.281	110.858	111.388	112.298	112.867
15	Housing and utilities	104.454	106.165	106.567	106.085	106.274	107.437	108.069
16	Health care	110.032	115.899	116.458	117.516	119.130	121.258	121.953
17	Transportation services	111.474	115.537	115.465	116.980	116.596	116.116	116.009
18	Recreation services	109.727	111.489	110.830	113.464	113.280	111.383	111.897
19	Food services and accommodations	112.287	117.227	117.656	118.749	119.471	120.257	121.194
20	Financial services and insurance	99.722	99.978	99.749	100.277	99.688	99.560	99.708
21	Other services	106.597	109.019	109.017	109.489	110.311	111.187	111.771
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	107.628	107.585	108.527	110.680	110.766	109.561	110.650
23	Gross output of nonprofit institutions ²	107.904	110.471	110.494	111.411	112.456	113.966	114.843
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	108.018	111.451	111.168	111.670	113.042	115.489	116.293
	Addenda:							
25	PCE excluding food and energy ⁴	111.581	115.522	115.940	116.862	117.297	118.313	118.926
26	Energy goods and services ⁵	99.407	101.271	102.491	99.214	99.680	103.688	104.756
27	Market-based PCE ⁶	111.479	115.350	115.834	116.406	116.950	118.353	118.989
28	Market-based PCE excluding food and energy ⁶	113.078	117.513	118.010	118.895	119.415	120.616	121.248

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.

5. Consists of gasoline and other energy goods and of electricity and gas services.

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

Table 2.3.4. Price Indexes for Personal Consumption Expenditures by Major Type of Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal consumption expenditures (PCE)	109.150	109.532	109.784	109.892	109.969	110.519	110.917
2	Goods	105.727	102.680	102.806	102.144	101.109	101.301	101.082
3	Durable goods	92.411	90.463	90.231	89.813	89.619	89.045	88.126
4	Motor vehicles and parts	110.828	110.831	110.807	110.557	110.640	109.917	109.397
5	Furnishings and durable household equipment	88.860	86.781	86.517	85.881	85.659	85.149	83.913
6	Recreational goods and vehicles	73.531	70.389	70.042	69.814	68.651	67.531	66.560
7	Other durable goods	102.339	99.812	99.533	98.705	100.567	101.698	100.795
8	Nondurable goods	112.595	108.920	109.264	108.459	106.917	107.582	107.807
9	Food and beverages purchased for off-premises consumption	109.819	111.009	111.219	111.180	110.710	110.205	109.622
10	Clothing and footwear	105.758	104.425	104.539	103.679	104.464	104.271	104.195
11	Gasoline and other energy goods	144.259	106.096	108.026	101.522	87.167	93.096	92.757
12	Other nondurable goods	107.046	108.489	108.567	108.811	109.261	109.668	110.822
13	Services	110.946	113.149	113.469	113.990	114.663	115.405	116.137
14	Household consumption expenditures (for services)	111.177	113.266	113.572	114.073	114.696	115.444	116.176
15	Housing and utilities	109.062	111.830	112.196	112.931	113.584	114.524	115.629
16	Health care	109.057	109.697	109.895	110.075	110.309	110.710	111.159
17	Transportation services	109.642	110.068	110.106	110.160	111.084	111.426	111.593
18	Recreation services	109.449	111.236	111.710	111.894	112.651	113.821	114.433
19	Food services and accommodations	111.813	114.927	115.073	116.106	116.952	117.521	118.142
20	Financial services and insurance	123.531	128.138	129.019	129.173	130.616	132.361	133.746
21	Other services	110.834	112.358	112.458	113.265	113.659	114.054	114.434
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	105.552	110.425	111.047	112.058	113.879	114.496	115.198
23	Gross output of nonprofit institutions ²	110.346	112.733	113.121	113.587	114.278	114.833	115.456
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	111.982	113.525	113.836	114.115	114.420	114.954	115.552
	Addenda:							
25	PCE excluding food and energy ⁴	108.048	109.540	109.770	110.095	110.657	111.150	111.623
26	Energy goods and services ⁵	127.049	104.557	105.323	101.364	92.529	95.920	96.418
27	Market-based PCE ⁶	108.219	108.179	108.391	108.450	108.395	108.893	109.242
28	Market-based PCE excluding food and energy ⁶	106.800	107.957	108.138	108.436	108.911	109.336	109.762

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.

5. Consists of gasoline and other energy goods and of electricity and gas services.

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

Table 2.3.5. Personal Consumption Expenditures by Major Type of Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal consumption expenditures (PCE)	11,863.4	12,283.7	12,356.9	12,438.8	12,498.0	12,692.7	12,806.0
2	Goods	3,970.5	4,012.1	4,043.0	4,038.1	4,008.7	4,085.4	4,098.5
3	Durable goods	1,294.8	1,355.2	1,364.7	1,371.8	1,366.6	1,390.0	1,407.2
4	Motor vehicles and parts	442.8	464.8	468.6	465.6	455.7	462.5	478.0
5	Furnishings and durable household equipment	292.1	305.1	307.3	309.6	312.5	317.6	316.7
6	Recreational goods and vehicles	358.8	376.6	379.2	385.1	384.9	391.7	394.4
7	Other durable goods	201.2	208.7	209.6	211.6	213.6	218.3	218.1
8	Nondurable goods	2,675.7	2,656.9	2,678.4	2,666.3	2,642.0	2,695.4	2,691.3
9	Food and beverages purchased for off-premises consumption	891.4	900.7	901.8	901.1	904.3	916.5	915.4
10	Clothing and footwear	370.8	379.5	382.0	379.5	381.7	385.5	384.6
11	Gasoline and other energy goods	398.9	303.7	311.6	292.1	254.4	271.5	268.1
12	Other nondurable goods	1,014.6	1,073.0	1,083.0	1,093.6	1,101.7	1,121.9	1,123.3
13	Services	7,892.9	8,271.6	8,313.9	8,400.6	8,489.3	8,607.3	8,707.5
14	Household consumption expenditures (for services)	7,579.3	7,943.7	7,981.3	8,058.4	8,141.2	8,261.2	8,355.7
15	Housing and utilities	2,142.8	2,233.2	2,249.0	2,253.5	2,270.5	2,314.4	2,350.5
16	Health care	1,952.8	2,069.0	2,082.7	2,105.1	2,138.5	2,184.6	2,206.0
17	Transportation services	354.1	368.4	368.3	373.3	375.2	374.8	375.0
18	Recreation services	451.6	466.3	465.5	477.4	479.8	476.7	481.4
19	Food services and accommodations	753.7	808.8	812.7	827.7	838.8	848.4	859.5
20	Financial services and insurance	885.7	921.1	925.3	931.3	936.1	947.4	958.8
21	Other services	1,038.7	1,076.9	1,077.8	1,090.3	1,102.3	1,114.9	1,124.5
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	313.6	327.9	332.6	342.2	348.1	346.1	351.7
23	Gross output of nonprofit institutions ²	1,277.1	1,335.7	1,340.6	1,357.3	1,378.3	1,403.6	1,422.1
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	963.5	1,007.8	1,008.0	1,015.1	1,030.3	1,057.5	1,070.4
	Addenda:							
25	PCE excluding food and energy ⁴	10,341.0	10,854.0	10,915.9	11,035.3	11,132.9	11,279.4	11,386.0
26	Energy goods and services ⁵	631.0	529.0	539.2	502.4	460.7	496.8	504.5
27	Market-based PCE ⁶	10,502.4	10,863.1	10,929.9	10,989.9	11,035.6	11,219.2	11,315.7
28	Market-based PCE excluding food and energy ⁶	8,980.6	9,433.9	9,489.4	9,587.0	9,671.1	9,806.5	9,896.3

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.

5. Consists of gasoline and other energy goods and of electricity and gas services.

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

Table 2.3.6. Real Personal Consumption Expenditures by Major Type of Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal consumption expenditures (PCE)	10,868.9	11,214.7	11,255.9	11,319.3	11,365.2	11,484.9	11,545.8
2	Goods	3,755.4	3,907.4	3,932.6	3,953.4	3,964.7	4,032.9	4,054.6
3	Durable goods	1,401.1	1,498.1	1,512.4	1,527.3	1,524.9	1,560.9	1,596.7
4	Motor vehicles and parts	399.5	419.4	422.9	421.1	411.8	420.8	436.9
5	Furnishings and durable household equipment	328.7	351.6	355.2	360.4	364.7	372.9	377.4
6	Recreational goods and vehicles	487.9	535.0	541.3	551.5	560.6	579.9	592.5
7	Other durable goods	196.6	209.1	210.5	214.3	212.4	214.6	216.3
8	Nondurable goods	2,376.4	2,439.3	2,451.3	2,458.4	2,471.1	2,505.4	2,496.4
9	Food and beverages purchased for off-premises consumption	811.7	811.3	810.8	810.5	816.8	831.6	835.1
10	Clothing and footwear	350.6	363.4	365.4	366.0	365.4	369.7	369.1
11	Gasoline and other energy goods	276.5	286.3	288.4	287.7	291.8	291.6	289.0
12	Other nondurable goods	947.8	989.1	997.5	1,005.1	1,008.3	1,023.0	1,013.6
13	Services	7,114.2	7,310.3	7,327.2	7,369.8	7,403.9	7,458.5	7,497.8
14	Household consumption expenditures (for services)	6,817.3	7,013.3	7,027.7	7,064.4	7,098.2	7,156.2	7,192.4
15	Housing and utilities	1,964.8	1,997.0	2,004.5	1,995.5	1,999.0	2,020.9	2,032.8
16	Health care	1,790.6	1,886.1	1,895.2	1,912.4	1,938.7	1,973.3	1,984.6
17	Transportation services	322.9	334.7	334.5	338.9	337.8	336.4	336.1
18	Recreation services	412.6	419.2	416.7	426.6	425.9	418.8	420.7
19	Food services and accommodations	674.1	703.8	706.3	712.9	717.2	721.9	727.6
20	Financial services and insurance	717.0	718.8	717.2	720.9	716.7	715.8	716.9
21	Other services	937.1	958.4	958.4	962.6	969.8	977.5	982.6
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	297.1	297.0	299.6	305.5	305.7	302.4	305.4
23	Gross output of nonprofit institutions ²	1,157.3	1,184.9	1,185.1	1,195.0	1,206.2	1,222.4	1,231.8
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	860.4	887.8	885.5	889.5	900.4	919.9	926.3
25	Residual	-46.5	-65.5	-68.7	-72.7	-77.5	-86.3	-90.8
	Addenda:							
26	PCE excluding food and energy ⁴	9,570.8	9,908.7	9,944.6	10,023.7	10,061.0	10,148.2	10,200.8
27	Energy goods and services ⁵	496.7	506.0	512.1	495.7	498.0	518.1	523.4
28	Market-based PCE ⁶	9,704.8	10,041.8	10,084.0	10,133.7	10,181.1	10,303.2	10,358.6
29	Market-based PCE excluding food and energy ⁶	8,408.8	8,738.6	8,775.6	8,841.4	8,880.1	8,969.4	9,016.4

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.

2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).

3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.

4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.

5. Consists of gasoline and other energy goods and of electricity and gas services.

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

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Personal consumption expenditures (PCE)	1.5	0.3	1.1	0.4	0.3	2.0	1.4
2	Goods	-0.4	-2.9	-0.9	-2.6	-4.0	0.8	-0.9
3	Durable goods	-2.3	-2.1	-2.6	-1.8	-0.9	-2.5	-4.1
4	Motor vehicles and parts	0.1	0.0	-1.1	-0.9	0.3	-2.6	-1.9
5	Furnishings and durable household equipment	-3.5	-2.3	-4.3	-2.9	-1.0	-2.4	-5.7
6	Recreational goods and vehicles	-4.5	-4.3	-3.2	-1.3	-6.5	-6.4	-5.6
7	Other durable goods	-1.6	-2.5	-2.5	-3.3	7.8	4.6	-3.5
8	Nondurable goods	0.6	-3.3	0.0	-2.9	-5.6	2.5	0.8
9	Food and beverages purchased for off-premises consumption	1.8	1.1	1.9	-0.1	-1.7	-1.8	-2.1
10	Clothing and footwear	0.3	-1.3	-0.2	-3.3	3.1	-0.7	-0.3
11	Gasoline and other energy goods	-3.6	-26.5	-6.7	-22.0	-45.7	30.1	-1.4
12	Other nondurable goods	1.3	1.3	0.4	0.9	1.7	1.5	4.3
13	Services	2.5	2.0	2.2	1.8	2.4	2.6	2.6
14	Household consumption expenditures (for services)	2.4	1.9	2.1	1.8	2.2	2.6	2.6
15	Housing and utilities	2.9	2.5	2.9	2.6	2.3	3.4	3.9
16	Health care	1.1	0.6	1.1	0.7	0.9	1.5	1.6
17	Transportation services	1.2	0.4	-0.1	0.2	3.4	1.2	0.6
18	Recreation services	1.9	1.6	2.0	0.7	2.7	4.2	2.2
19	Food services and accommodations	2.6	2.8	2.1	3.6	2.9	2.0	2.1
20	Financial services and insurance	5.2	3.7	3.5	0.5	4.5	5.5	4.3
21	Other services	1.9	1.4	1.8	2.9	1.4	1.4	1.3
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	4.1	4.6	4.7	3.7	6.7	2.2	2.5
23	Gross output of nonprofit institutions ²	2.3	2.2	2.4	1.7	2.5	2.0	2.2
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	1.7	1.4	1.6	1.0	1.1	1.9	2.1
Addenda:								
25	PCE excluding food and energy ⁴	1.6	1.4	1.4	1.2	2.1	1.8	1.7
26	Energy goods and services ⁵	-0.8	-17.7	-5.3	-14.2	-30.6	15.5	2.1
27	Market-based PCE ⁶	1.1	0.0	0.8	0.2	-0.2	1.9	1.3
28	Market-based PCE excluding food and energy ⁶	1.2	1.1	1.1	1.1	1.8	1.6	1.6

Legend / Footnotes:

1. Net expenses of NPISHs, defined as their gross operating expenses less primary sales to households.
2. Gross output is net of unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; excludes own-account investment (construction and software).
3. Excludes unrelated sales, secondary sales, and sales to business, to government, and to the rest of the world; includes membership dues and fees.
4. Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
5. Consists of gasoline and other energy goods and of electricity and gas services.
6. Market-based PCE is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most imputed transactions (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Table 3.1. Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Current receipts	5,021.4	5,253.5	5,234.9	5,382.6	5,255.4	5,275.9	---
2	Current tax receipts	3,513.8	3,713.9	3,698.1	3,769.7	3,692.9	3,718.2	---
3	Personal current taxes	1,787.0	1,938.7	1,944.4	1,963.8	1,932.7	1,945.2	1,973.5
4	Taxes on production and imports	1,210.2	1,237.6	1,239.9	1,247.3	1,249.8	1,246.7	1,258.0
5	Taxes on corporate income	495.2	515.4	490.7	536.6	487.7	504.4	---
6	Taxes from the rest of the world	21.5	22.1	23.1	22.0	22.7	21.9	24.0
7	Contributions for government social insurance	1,160.0	1,208.6	1,213.4	1,229.1	1,234.0	1,244.8	1,255.8
8	From persons	1,154.9	1,203.5	1,208.3	1,224.1	1,229.0	1,239.7	1,250.7
9	From the rest of the world ¹	5.1	5.1	5.1	5.0	5.0	5.1	5.1
10	Income receipts on assets	152.0	128.8	147.6	123.6	132.9	120.2	133.2
11	Interest and miscellaneous receipts	107.5	108.5	109.9	110.2	109.4	111.7	113.1
12	Interest receipts ²	83.0	87.6	88.9	89.5	89.1	90.2	91.3
13	Rents and royalties	24.4	20.9	21.0	20.7	20.4	21.5	21.8
14	Dividends	44.5	20.3	37.7	13.5	23.5	8.5	20.1
15	Current transfer receipts	215.8	221.1	194.7	280.3	216.1	216.0	196.9
16	From business (net)	100.3	110.7	89.0	171.9	103.0	106.6	86.0
17	From persons	98.3	103.3	103.9	104.0	108.2	108.2	108.8
18	From the rest of the world ³	17.2	7.1	1.8	4.4	4.9	1.1	2.1
19	Current surplus of government enterprises ⁴	-20.2	-18.8	-18.9	-20.1	-20.5	-23.3	-23.3
20	Current expenditures	5,804.1	5,984.5	6,045.2	6,036.7	6,097.3	6,145.8	6,205.9
21	Consumption expenditures	2,557.6	2,604.9	2,617.1	2,626.5	2,623.0	2,643.8	2,671.4
22	Current transfer payments	2,566.8	2,699.6	2,716.0	2,724.1	2,771.7	2,779.1	2,805.4
23	Government social benefits	2,514.4	2,647.6	2,660.5	2,676.4	2,712.0	2,731.4	2,753.5
24	To persons	2,494.9	2,627.2	2,640.0	2,655.8	2,691.4	2,710.6	2,732.2
25	To the rest of the world ⁵	19.5	20.4	20.5	20.6	20.6	20.8	21.3
26	Other current transfer payments to the rest of the world ^{3,5}	52.3	52.0	55.5	47.7	59.6	47.7	51.9
27	Interest payments ²	623.1	623.4	654.7	628.9	644.4	663.5	668.9
28	To persons and business ²	526.9	526.7	559.0	531.4	546.8	565.4	---
29	To the rest of the world	96.2	96.6	95.7	97.4	97.5	98.1	---
30	Subsidies ⁴	56.7	56.6	57.4	57.3	58.3	59.4	60.2
31	Net government saving	-782.7	-731.0	-810.3	-654.2	-841.9	-869.8	---
32	Social insurance funds	-282.7	-300.1	-301.7	-301.4	-312.4	-318.7	-321.0
33	Other	-500.0	-430.9	-508.6	-352.7	-529.5	-551.1	---
	Addenda:							
34	Total receipts	5,045.4	5,279.2	5,260.9	5,409.0	5,281.8	5,302.9	---
35	Current receipts	5,021.4	5,253.5	5,234.9	5,382.6	5,255.4	5,275.9	---
36	Capital transfer receipts	24.1	25.6	25.9	26.4	26.4	27.0	26.4
37	Total expenditures	5,899.0	6,061.5	6,157.8	6,146.6	6,219.7	6,219.3	6,303.4
38	Current expenditures	5,804.1	5,984.5	6,045.2	6,036.7	6,097.3	6,145.8	6,205.9
39	Gross government investment	594.5	613.4	619.2	618.5	631.3	618.5	613.0
40	Capital transfer payments	11.6	7.8	8.4	5.9	5.7	5.7	5.6
41	Net purchases of nonproduced assets	6.2	-21.7	8.5	8.6	8.8	-23.9	7.1
42	Less: Consumption of fixed capital	517.4	522.5	523.5	523.2	523.3	526.7	528.2
43	Net lending or net borrowing (-)	-853.6	-782.4	-897.0	-737.6	-937.9	-916.4	---

Legend / Footnotes:

1. Consists primarily of contributions by residents of the U.S. territories and the Commonwealths of Puerto Rico and Northern Mariana Islands.

2. Prior to 1960, interest payments to persons (line 28) and interest receipts on line 12 are not shown separately, but are included in interest payments (line 27), which is shown net of interest receipts. Interest payments to persons and business includes interest accrued on the actuarial liabilities of defined benefit pension plans for government employees.

3. Prior to 1999, current transfer payments to the rest of the world (line 26) are displayed net of current transfer receipts from the rest of the world (line 18).

4. Prior to 1959, subsidies (line 30) and the current surplus of government enterprises (line 19) are not shown separately; subsidies are presented net of the current surplus of government enterprises.

5. Prior to 1960, government social benefits to the rest of the world are included in line 26, 'Other current transfer payments to the rest of the world.'

Table 3.2. Federal Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Current receipts	3,288.4	3,453.3	3,447.8	3,515.9	3,442.5	3,472.7	---
2	Current tax receipts	1,995.0	2,149.2	2,130.5	2,193.0	2,106.7	2,140.9	---
3	Personal current taxes ¹	1,402.3	1,532.7	1,539.9	1,553.2	1,520.7	1,537.4	1,556.7
4	Taxes on production and imports ²	134.6	139.4	136.9	140.8	138.1	136.8	137.3
5	Excise taxes	97.2	101.3	101.1	102.4	99.7	99.8	100.0
6	Customs duties	37.4	38.1	35.8	38.4	38.4	37.0	37.4
7	Taxes on corporate income	436.6	455.1	430.6	477.0	425.3	444.7	---
8	Federal Reserve banks	96.9	110.4	94.2	169.8	93.8	94.1	---
9	Other	339.7	344.7	336.4	307.3	331.5	350.6	---
10	Taxes from the rest of the world	21.5	22.1	23.1	22.0	22.7	21.9	24.0
11	Contributions for government social insurance	1,140.9	1,189.5	1,194.4	1,210.1	1,214.9	1,225.5	1,236.4
12	From persons	1,135.7	1,184.4	1,189.3	1,205.1	1,209.9	1,220.5	1,231.3
13	From the rest of the world ³	5.1	5.1	5.1	5.0	5.0	5.1	5.1
14	Income receipts on assets	74.8	49.2	67.6	43.0	51.3	38.3	50.5
15	Interest receipts ⁴	23.5	26.9	28.0	28.2	27.6	28.3	29.0
16	Dividends	40.7	16.1	33.4	9.1	18.6	3.9	15.5
17	Rents and royalties ⁵	10.6	6.2	6.2	5.7	5.1	6.1	6.1
18	Current transfer receipts	86.1	72.7	62.9	79.0	79.1	80.1	60.2
19	From business	50.9	42.9	37.9	52.2	48.3	53.8	33.6
20	From persons	23.3	23.3	23.2	22.4	26.0	25.1	24.6
21	From the rest of the world ⁶	12.0	6.6	1.8	4.4	4.9	1.1	2.1
22	Current surplus of government enterprises ⁷	-8.3	-7.4	-7.6	-9.2	-9.7	-12.1	-11.7
23	Current expenditures	3,901.3	4,022.9	4,070.2	4,058.9	4,110.8	4,137.1	4,187.3
24	Consumption expenditures	955.9	963.7	965.1	968.0	969.0	974.6	984.7
25	Current transfer payments	2,448.6	2,564.9	2,579.7	2,593.5	2,629.8	2,632.0	2,666.8
26	Government social benefits	1,901.5	1,981.7	1,988.6	2,002.2	2,029.0	2,044.7	2,054.3
27	To persons	1,882.0	1,961.3	1,968.1	1,981.6	2,008.4	2,023.9	2,033.0
28	To the rest of the world ⁸	19.5	20.4	20.5	20.6	20.6	20.8	21.3
29	Other current transfer payments	547.1	583.2	591.1	591.3	600.8	587.3	612.5
30	Grants-in-aid to state and local governments	494.8	531.2	535.6	543.6	541.2	539.6	560.6
31	To the rest of the world ^{6,8}	52.3	52.0	55.5	47.7	59.6	47.7	51.9
32	Interest payments ⁴	440.5	438.2	468.5	440.7	454.2	471.7	476.1
33	To persons and business ⁴	346.8	344.1	375.3	345.7	359.1	376.3	---
34	To the rest of the world	93.7	94.1	93.2	94.9	95.1	95.5	---
35	Subsidies ⁷	56.2	56.1	56.9	56.8	57.7	58.8	59.7
36	Net federal government saving	-612.9	-569.7	-622.3	-543.1	-668.3	-664.5	---
37	Social insurance funds	-287.4	-304.8	-306.4	-306.1	-317.0	-323.4	-325.8
38	Other	-325.5	-264.9	-316.0	-237.0	-351.3	-341.1	---
Addenda:								
39	Total receipts	3,307.2	3,473.5	3,468.3	3,536.8	3,463.4	3,494.3	---
40	Current receipts	3,288.4	3,453.3	3,447.8	3,515.9	3,442.5	3,472.7	---
41	Capital transfer receipts	18.8	20.2	20.5	21.0	20.9	21.6	20.9
42	Total expenditures	3,967.5	4,053.6	4,132.9	4,123.0	4,178.0	4,171.2	4,256.3
43	Current expenditures	3,901.3	4,022.9	4,070.2	4,058.9	4,110.8	4,137.1	4,187.3
44	Gross government investment	262.9	261.2	260.0	266.0	264.8	264.6	267.1
45	Capital transfer payments	77.3	71.7	75.0	69.6	73.6	74.0	75.8
46	Net purchases of nonproduced assets	-2.7	-30.9	-0.7	-0.6	-0.4	-33.1	-2.1
47	Less: Consumption of fixed capital	271.3	271.5	271.4	270.8	270.7	271.4	271.8
48	Net lending or net borrowing (-)	-660.3	-580.1	-664.6	-586.2	-714.6	-676.9	---

Legend / Footnotes:

1. Includes dividends tax for 1933-34 and automobile use tax for 1942-46 as shown in table 3.4.

2. Includes the capital stock tax for 1933-45 as shown in table 3.5.

3. Consists primarily of contributions by residents of the U.S. territories and the Commonwealths of Puerto Rico and Northern Mariana Islands.

4. Prior to 1960, interest payments to persons and business (line 33) and interest receipts (line 15) are not shown separately, but are included in interest payments (line 32), which is shown net of interest receipts. Interest payments to persons and business includes interest accrued on the actuarial liabilities of defined benefit pension plans for federal government employees.

5. Rents and royalties are receipts from the leasing of federally owned lands and mineral deposits. These values do not include bonus payments made to secure such leases.

6. Prior to 1999, current transfer payments to the rest of the world are displayed net of current transfer receipts from the rest of the world.

7. Prior to 1959, subsidies (line 35) and the current surplus of government enterprises (line 22) are not shown separately; subsidies are presented net of the current surplus of government enterprises.

8. Prior to 1960, government social benefits to the rest of the world (line 28) are included in line 31, 'Other current transfer payments to the rest of the world.'

Table 3.3. State and Local Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Current receipts	2,227.7	2,331.5	2,322.7	2,410.3	2,354.1	2,342.9	---
2	Current tax receipts	1,518.9	1,564.6	1,567.6	1,576.7	1,586.1	1,577.4	---
3	Personal current taxes	384.6	406.1	404.5	410.6	412.0	407.8	416.8
4	Income taxes	350.9	371.4	369.7	375.6	376.5	372.5	381.1
5	Other	33.7	34.6	34.8	35.0	35.5	35.3	35.6
6	Taxes on production and imports	1,075.7	1,098.3	1,103.0	1,106.5	1,111.7	1,109.9	1,120.7
7	Sales taxes	523.8	542.7	546.6	548.7	553.1	550.3	558.0
8	Property taxes	453.6	456.6	456.9	458.1	459.5	460.9	462.4
9	Other	98.3	98.9	99.4	99.7	99.1	98.6	100.3
10	Taxes on corporate income	58.6	60.3	60.1	59.6	62.4	59.7	---
11	Contributions for government social insurance	19.1	19.0	19.0	19.0	19.1	19.2	19.4
12	Income receipts on assets	77.2	79.6	80.1	80.6	81.6	81.9	82.6
13	Interest receipts ¹	59.6	60.7	60.9	61.2	61.5	61.9	62.3
14	Dividends	3.8	4.2	4.4	4.4	4.9	4.6	4.6
15	Rents and royalties	13.9	14.7	14.8	15.0	15.2	15.5	15.7
16	Current transfer receipts	624.5	679.6	667.4	744.9	678.1	675.6	697.3
17	Federal grants-in-aid	494.8	531.2	535.6	543.6	541.2	539.6	560.6
18	From business (net)	49.5	67.8	51.1	119.7	54.7	52.9	52.4
19	From persons	75.0	80.1	80.7	81.6	82.2	83.1	84.2
20	From the rest of the world	5.2	0.5	0.0	0.0	0.0	0.0	0.0
21	Current surplus of government enterprises	-11.9	-11.4	-11.3	-11.0	-10.9	-11.2	-11.6
22	Current expenditures	2,397.6	2,492.8	2,510.7	2,521.4	2,527.7	2,548.2	2,579.2
23	Consumption expenditures	1,601.6	1,641.2	1,652.1	1,658.5	1,654.0	1,669.2	1,686.7
24	Current transfer payments	612.9	666.0	671.9	674.2	683.0	686.7	699.2
25	Government social benefit payments to persons	612.9	666.0	671.9	674.2	683.0	686.7	699.2
26	Current transfer payments to the rest of the world	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	Interest payments ¹	182.6	185.2	186.2	188.2	190.1	191.8	192.8
28	To persons and business ¹	180.0	182.6	183.7	185.7	187.7	189.2	---
29	To the rest of the world	2.5	2.5	2.5	2.5	2.4	2.6	---
30	Subsidies	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31	Net state and local government saving	-169.8	-161.3	-187.9	-111.1	-173.6	-205.3	---
32	Social insurance funds	4.7	4.7	4.6	4.6	4.7	4.7	4.8
33	Other	-174.5	-165.9	-192.6	-115.7	-178.2	-210.0	---
Addenda:								
34	Total receipts	2,298.7	2,400.8	2,394.7	2,479.4	2,427.5	2,416.6	---
35	Current receipts	2,227.7	2,331.5	2,322.7	2,410.3	2,354.1	2,342.9	---
36	Capital transfer receipts	70.9	69.3	71.9	69.1	73.4	73.7	75.6
37	Total expenditures	2,492.0	2,603.1	2,627.1	2,630.8	2,650.8	2,656.0	2,677.9
38	Current expenditures	2,397.6	2,492.8	2,510.7	2,521.4	2,527.7	2,548.2	2,579.2
39	Gross government investment	331.6	352.2	359.2	352.6	366.5	353.9	345.9
40	Capital transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	Net purchases of nonproduced assets	8.9	9.2	9.2	9.2	9.2	9.2	9.2
42	Less: Consumption of fixed capital	246.1	251.0	252.1	252.3	252.6	255.3	256.4
43	Net lending or net borrowing (-)	-193.3	-202.3	-232.4	-151.5	-223.3	-239.4	---

Legend / Footnotes:

1. Prior to 1946, interest receipts (line 13) are not shown separately, but are shown net of interest payments. Interest payments includes interest accrued on the actuarial liabilities of defined benefit pension plans for state and local government employees.

Table 3.9.1. Percent Change From Preceding Period in Real Government Consumption

Expenditures and Gross Investment

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures and gross investment	-0.9	1.8	1.9	1.0	1.6	-1.7	0.5
2	Consumption expenditures ¹	-0.7	1.6	2.2	1.2	-0.1	0.4	1.6
3	Gross investment ²	-1.4	2.4	0.8	0.1	9.0	-10.0	-4.2
4	Structures	-0.4	5.5	0.3	-6.2	19.3	-20.2	-13.4
5	Equipment	-1.9	-0.9	2.9	13.8	-1.1	-1.6	5.8
6	Intellectual property products	-2.6	0.2	0.1	1.2	1.1	2.1	4.0
7	Software	3.0	2.5	-3.2	1.2	8.3	5.4	6.9
8	Research and development	-4.1	-0.5	1.0	1.3	-0.8	1.1	3.2
9	Federal	-2.5	0.0	1.0	3.8	-1.5	-0.4	2.5
10	Consumption expenditures	-2.3	0.3	1.5	2.2	-1.3	-0.1	2.4
11	Gross investment	-3.4	-1.0	-0.9	9.9	-2.2	-1.2	2.8
12	Structures	-6.9	-4.1	-11.5	31.2	-12.6	-15.2	-7.0
13	Equipment	-2.5	-1.6	-0.5	22.2	-4.0	-3.6	2.8
14	Intellectual property products	-3.6	-0.4	0.1	1.1	0.2	2.0	3.8
15	Software	2.3	1.6	-4.0	0.4	8.3	6.7	7.0
16	Research and development	-4.7	-0.8	0.9	1.3	-1.4	1.0	3.2
17	National defense	-4.1	-2.1	-1.2	4.4	-3.2	-3.2	2.1
18	Consumption expenditures	-3.6	-1.8	-1.1	1.8	-3.3	-3.2	2.0
19	Gross investment	-5.9	-3.4	-1.6	15.8	-2.4	-2.9	2.7
20	Structures	-21.8	-19.4	-45.4	117.5	-43.3	-44.6	-18.5
21	Equipment	-4.6	-4.2	-2.1	21.5	-6.1	-7.2	1.2
22	Intellectual property products	-6.0	-1.1	2.7	5.4	5.4	5.0	5.6
23	Software	2.1	2.3	-3.0	0.6	8.1	4.8	6.7
24	Research and development	-7.0	-1.6	3.5	6.1	5.0	5.1	5.4
25	Nondefense	0.1	3.3	4.2	2.8	0.9	3.8	3.0
26	Consumption expenditures	0.1	3.7	5.6	2.6	1.8	4.7	3.0
27	Gross investment	-0.1	1.9	0.0	3.4	-1.8	0.9	2.9
28	Structures	1.4	2.6	3.5	11.2	0.8	-4.1	-3.6
29	Equipment	7.5	9.8	6.1	25.0	4.1	9.8	8.7
30	Intellectual property products	-1.7	0.2	-1.8	-2.0	-3.5	-0.3	2.5
31	Software	2.4	1.3	-4.4	0.3	8.4	7.5	7.2
32	Research and development	-2.7	-0.1	-1.1	-2.5	-6.5	-2.4	1.2
33	State and local	0.2	2.9	2.5	-0.6	3.5	-2.5	-0.7
34	Consumption expenditures	0.2	2.5	2.6	0.7	0.6	0.7	1.2
35	Gross investment	0.2	5.2	2.0	-6.6	18.0	-16.0	-9.2
36	Structures	0.1	6.2	1.0	-8.1	21.6	-20.5	-13.8
37	Equipment	-0.4	0.8	10.6	-2.8	5.9	3.1	12.5
38	Intellectual property products	1.9	2.6	0.1	1.7	5.1	2.5	4.5
39	Software	4.3	4.2	-1.8	2.6	8.3	3.2	6.7
40	Research and development	0.2	1.3	1.6	1.1	2.8	1.9	2.9

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

Table 3.9.2. Contributions to Percent Change in Real Government Consumption Expenditures and Gross Investment

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	Government consumption expenditures and gross investment	-0.9	1.8	1.9	1.0	1.6	-1.7	0.5
	Percentage points at annual rates:							
2	Consumption expenditures ¹	-0.59	1.33	1.77	0.99	-0.07	0.34	1.31
3	Gross investment ²	-0.27	0.46	0.15	0.02	1.66	-2.01	-0.81
4	Structures	-0.04	0.49	0.03	-0.59	1.64	-2.07	-1.27
5	Equipment	-0.08	-0.04	0.11	0.54	-0.04	-0.07	0.23
6	Intellectual property products	-0.16	0.01	0.01	0.07	0.07	0.12	0.23
7	Software	0.04	0.03	-0.04	0.01	0.10	0.07	0.09
8	Research and development	-0.19	-0.02	0.05	0.06	-0.04	0.05	0.14
9	Federal	-1.00	0.00	0.37	1.41	-0.58	-0.13	0.93
10	Consumption expenditures	-0.70	0.09	0.44	0.64	-0.40	-0.04	0.71
11	Gross investment	-0.29	-0.09	-0.07	0.77	-0.18	-0.09	0.22
12	Structures	-0.04	-0.02	-0.06	0.14	-0.07	-0.08	-0.04
13	Equipment	-0.08	-0.05	-0.01	0.57	-0.12	-0.10	0.08
14	Intellectual property products	-0.18	-0.02	0.00	0.05	0.01	0.09	0.18
15	Software	0.02	0.01	-0.03	0.00	0.06	0.05	0.06
16	Research and development	-0.20	-0.03	0.04	0.05	-0.05	0.04	0.12
17	National defense	-1.01	-0.49	-0.26	0.98	-0.72	-0.71	0.47
18	Consumption expenditures	-0.72	-0.34	-0.19	0.33	-0.61	-0.58	0.35
19	Gross investment	-0.29	-0.16	-0.07	0.64	-0.11	-0.13	0.12
20	Structures	-0.05	-0.03	-0.08	0.10	-0.08	-0.07	-0.02
21	Equipment	-0.11	-0.10	-0.05	0.44	-0.14	-0.16	0.03
22	Intellectual property products	-0.13	-0.02	0.05	0.11	0.11	0.10	0.11
23	Software	0.01	0.01	-0.01	0.00	0.02	0.01	0.02
24	Research and development	-0.14	-0.03	0.06	0.11	0.09	0.09	0.10
25	Nondefense	0.01	0.49	0.63	0.43	0.14	0.58	0.46
26	Consumption expenditures	0.01	0.42	0.63	0.31	0.21	0.55	0.36
27	Gross investment	0.00	0.07	0.00	0.12	-0.07	0.03	0.11
28	Structures	0.01	0.01	0.01	0.04	0.00	-0.02	-0.01
29	Equipment	0.04	0.05	0.04	0.14	0.02	0.06	0.05
30	Intellectual property products	-0.05	0.01	-0.05	-0.05	-0.10	-0.01	0.07
31	Software	0.01	0.01	-0.03	0.00	0.05	0.04	0.04
32	Research and development	-0.06	0.00	-0.02	-0.06	-0.14	-0.05	0.03
33	State and local	0.14	1.79	1.54	-0.39	2.17	-1.54	-0.44
34	Consumption expenditures	0.12	1.24	1.33	0.35	0.33	0.37	0.60
35	Gross investment	0.02	0.54	0.22	-0.75	1.84	-1.92	-1.03
36	Structures	0.00	0.51	0.09	-0.73	1.71	-1.98	-1.24
37	Equipment	0.00	0.01	0.13	-0.04	0.07	0.04	0.15
38	Intellectual property products	0.02	0.03	0.00	0.02	0.05	0.03	0.05
39	Software	0.02	0.02	-0.01	0.01	0.04	0.02	0.03
40	Research and development	0.00	0.01	0.01	0.01	0.02	0.01	0.02

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

Table 3.9.3. Real Government Consumption Expenditures and Gross Investment, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures and gross investment	91.710	93.350	93.696	93.933	94.304	93.907	94.023
2	Consumption expenditures ¹	93.635	95.171	95.434	95.726	95.704	95.802	96.188
3	Gross investment ²	84.271	86.313	86.977	87.002	88.893	86.579	85.651
4	Structures	76.466	80.697	82.052	80.754	84.399	79.771	76.943
5	Equipment	87.657	86.904	86.796	89.655	89.415	89.058	90.317
6	Intellectual property products	95.390	95.555	95.530	95.823	96.093	96.585	97.530
7	Software	117.377	120.367	119.969	120.319	122.742	124.370	126.458
8	Research and development	90.534	90.100	90.154	90.435	90.252	90.505	91.210
9	Federal	91.471	91.472	91.378	92.226	91.874	91.791	92.355
10	Consumption expenditures	92.978	93.244	93.252	93.750	93.434	93.402	93.957
11	Gross investment	86.413	85.515	85.076	87.111	86.636	86.377	86.974
12	Structures	53.633	51.456	49.890	53.393	51.620	49.539	48.653
13	Equipment	86.891	85.507	84.795	89.158	88.255	87.439	88.050
14	Intellectual property products	92.331	92.000	91.957	92.213	92.267	92.720	93.598
15	Software	116.954	118.831	118.327	118.436	120.820	122.791	124.891
16	Research and development	88.392	87.724	87.751	88.030	87.729	87.951	88.643
17	National defense	87.065	85.252	84.872	85.793	85.109	84.430	84.875
18	Consumption expenditures	89.517	87.935	87.631	88.031	87.291	86.582	87.007
19	Gross investment	78.309	75.663	75.010	77.805	77.325	76.753	77.270
20	Structures	27.227	21.940	19.278	23.412	20.315	17.530	16.658
21	Equipment	84.981	81.396	80.586	84.606	83.288	81.751	81.987
22	Intellectual property products	82.543	81.623	81.644	82.722	83.815	84.852	86.013
23	Software	114.829	117.431	117.151	117.316	119.617	121.019	122.997
24	Research and development	79.340	78.092	78.141	79.301	80.280	81.280	82.363
25	Nondefense	99.504	102.762	103.179	103.900	104.137	105.115	105.892
26	Consumption expenditures	99.550	103.268	103.854	104.535	105.004	106.225	107.020
27	Gross investment	99.330	101.191	101.087	101.930	101.462	101.694	102.416
28	Structures	91.483	93.885	93.940	96.465	96.664	95.666	94.783
29	Equipment	96.308	105.737	105.501	111.543	112.660	115.337	117.766
30	Intellectual property products	101.217	101.424	101.322	100.824	99.924	99.838	100.455
31	Software	117.912	119.465	118.861	118.945	121.366	123.591	125.747
32	Research and development	97.527	97.447	97.453	96.832	95.228	94.656	94.948
33	State and local	91.806	94.485	95.110	94.959	95.790	95.192	95.024
34	Consumption expenditures	93.990	96.294	96.713	96.879	97.035	97.213	97.496
35	Gross investment	82.504	86.763	88.254	86.771	90.438	86.583	84.514
36	Structures	78.704	83.569	85.213	83.439	87.620	82.742	79.722
37	Equipment	89.388	90.063	91.359	90.712	92.019	92.732	95.505
38	Intellectual property products	111.935	114.809	114.883	115.382	116.836	117.548	118.861
39	Software	118.135	123.124	122.915	123.701	126.192	127.201	129.268
40	Research and development	107.556	108.991	109.256	109.560	110.311	110.822	111.626

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

Table 3.9.4. Price Indexes for Government Consumption Expenditures and Gross Investment

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures and gross investment	111.263	111.605	111.816	111.835	111.713	112.462	113.082
2	Consumption expenditures ¹	111.849	112.081	112.297	112.356	112.231	113.007	113.727
3	Gross investment ²	109.034	109.836	110.026	109.877	109.768	110.411	110.608
4	Structures	112.783	114.194	114.566	114.378	114.008	115.161	115.422
5	Equipment	102.110	102.101	102.027	101.948	101.752	101.727	101.641
6	Intellectual property products	108.939	109.463	109.578	109.433	109.789	110.172	110.493
7	Software	101.340	100.569	100.811	100.828	100.668	100.682	100.251
8	Research and development	110.904	111.823	111.898	111.703	112.220	112.719	113.281
9	Federal	109.431	109.979	110.096	109.881	110.286	110.869	111.311
10	Consumption expenditures	110.114	110.696	110.840	110.588	111.073	111.752	112.247
11	Gross investment	107.144	107.575	107.598	107.510	107.632	107.880	108.131
12	Structures	111.402	112.890	112.964	113.086	112.646	113.444	113.986
13	Equipment	102.890	102.615	102.464	102.452	102.247	102.125	102.113
14	Intellectual property products	109.503	110.270	110.399	110.238	110.639	111.070	111.461
15	Software	101.456	100.859	101.109	101.109	100.979	101.014	100.636
16	Research and development	111.029	112.104	112.203	112.006	112.527	113.049	113.622
17	National defense	108.699	108.923	109.010	108.765	109.015	109.585	110.000
18	Consumption expenditures	109.333	109.522	109.633	109.349	109.657	110.328	110.791
19	Gross investment	106.382	106.747	106.738	106.650	106.667	106.840	107.067
20	Structures	113.307	114.668	114.845	115.123	114.854	116.447	117.630
21	Equipment	103.158	102.644	102.449	102.450	102.179	101.996	101.972
22	Intellectual property products	109.757	111.117	111.319	111.101	111.485	112.000	112.469
23	Software	100.335	99.532	99.744	99.754	99.595	99.650	99.190
24	Research and development	110.923	112.616	112.815	112.561	113.029	113.614	114.228
25	Nondefense	110.668	111.724	111.888	111.717	112.356	112.961	113.442
26	Consumption expenditures	111.518	112.757	112.956	112.757	113.524	114.217	114.763
27	Gross investment	108.209	108.721	108.782	108.693	108.944	109.283	109.564
28	Structures	110.332	111.863	111.905	111.979	111.486	112.057	112.434
29	Equipment	101.603	102.280	102.291	102.230	102.266	102.360	102.389
30	Intellectual property products	109.296	109.629	109.703	109.584	109.996	110.363	110.696
31	Software	101.962	101.457	101.724	101.720	101.602	101.629	101.287
32	Research and development	111.135	111.705	111.724	111.573	112.138	112.606	113.144
33	State and local	112.522	112.732	113.003	113.169	112.715	113.570	114.301
34	Consumption expenditures	112.972	112.992	113.252	113.497	113.007	113.841	114.696
35	Gross investment	110.703	111.800	112.120	111.923	111.637	112.583	112.737
36	Structures	112.962	114.369	114.760	114.554	114.188	115.363	115.607
37	Equipment	100.112	100.697	100.796	100.564	100.390	100.581	100.335
38	Intellectual property products	106.055	105.529	105.588	105.511	105.679	105.860	105.887
39	Software	101.134	100.059	100.288	100.335	100.123	100.099	99.577
40	Research and development	109.847	109.776	109.694	109.513	109.999	110.354	110.850

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

Table 3.9.5. Government Consumption Expenditures and Gross Investment

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures and gross investment	3,152.1	3,218.3	3,236.3	3,245.0	3,254.3	3,262.3	3,284.4
2	Consumption expenditures ¹	2,557.6	2,604.9	2,617.1	2,626.5	2,623.0	2,643.8	2,671.4
3	Gross investment ²	594.5	613.4	619.2	618.5	631.3	618.5	613.0
4	Structures	275.0	293.9	299.8	294.6	306.9	293.0	283.2
5	Equipment	132.6	131.4	131.1	135.4	134.7	134.2	135.9
6	Intellectual property products	186.9	188.1	188.3	188.6	189.7	191.4	193.8
7	Software	40.5	41.2	41.2	41.3	42.1	42.6	43.2
8	Research and development	146.4	146.9	147.1	147.3	147.7	148.7	150.6
9	Federal	1,218.9	1,225.0	1,225.0	1,234.0	1,233.8	1,239.2	1,251.8
10	Consumption expenditures	955.9	963.7	965.1	968.0	969.0	974.6	984.7
11	Gross investment	262.9	261.2	260.0	266.0	264.8	264.6	267.1
12	Structures	17.4	16.9	16.4	17.6	16.9	16.4	16.2
13	Equipment	92.7	91.0	90.1	94.7	93.6	92.6	93.3
14	Intellectual property products	152.8	153.3	153.4	153.6	154.3	155.6	157.7
15	Software	25.9	26.2	26.1	26.1	26.6	27.1	27.4
16	Research and development	126.9	127.1	127.3	127.5	127.6	128.5	130.2
17	National defense	746.0	732.0	729.3	735.6	731.4	729.3	736.0
18	Consumption expenditures	600.2	590.6	589.2	590.4	587.0	585.8	591.2
19	Gross investment	145.8	141.3	140.1	145.2	144.3	143.5	144.8
20	Structures	5.3	4.3	3.8	4.6	4.0	3.5	3.4
21	Equipment	75.4	71.9	71.0	74.6	73.2	71.7	71.9
22	Intellectual property products	65.1	65.1	65.3	66.0	67.1	68.3	69.5
23	Software	7.9	8.0	8.0	8.0	8.1	8.2	8.3
24	Research and development	57.2	57.2	57.3	58.0	59.0	60.0	61.1
25	Nondefense	472.9	493.0	495.7	498.4	502.4	509.9	515.8
26	Consumption expenditures	355.7	373.1	375.9	377.7	382.0	388.8	393.5
27	Gross investment	117.2	119.9	119.9	120.8	120.5	121.1	122.3
28	Structures	12.1	12.6	12.6	13.0	13.0	12.9	12.8
29	Equipment	17.3	19.1	19.1	20.2	20.4	20.9	21.3
30	Intellectual property products	87.7	88.2	88.1	87.6	87.1	87.4	88.2
31	Software	18.0	18.2	18.1	18.1	18.5	18.8	19.1
32	Research and development	69.7	70.0	70.0	69.5	68.7	68.5	69.1
33	State and local	1,933.2	1,993.3	2,011.3	2,011.0	2,020.5	2,023.1	2,032.6
34	Consumption expenditures	1,601.6	1,641.2	1,652.1	1,658.5	1,654.0	1,669.2	1,686.7
35	Gross investment	331.6	352.2	359.2	352.6	366.5	353.9	345.9
36	Structures	257.6	277.0	283.4	277.0	289.9	276.6	267.1
37	Equipment	39.9	40.4	41.0	40.6	41.2	41.5	42.7
38	Intellectual property products	34.1	34.8	34.8	35.0	35.5	35.7	36.2
39	Software	14.6	15.1	15.1	15.2	15.4	15.6	15.7
40	Research and development	19.5	19.7	19.8	19.8	20.0	20.2	20.4

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

Table 3.9.6. Real Government Consumption Expenditures and Gross Investment, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures and gross investment	2,833.0	2,883.7	2,894.4	2,901.7	2,913.2	2,900.9	2,904.5
2	Consumption expenditures ¹	2,286.6	2,324.1	2,330.6	2,337.7	2,337.1	2,339.6	2,349.0
3	Gross investment ²	545.3	558.5	562.8	562.9	575.2	560.2	554.2
4	Structures	243.9	257.4	261.7	257.5	269.2	254.4	245.4
5	Equipment	130.0	128.8	128.7	132.9	132.6	132.0	133.9
6	Intellectual property products	171.6	171.9	171.8	172.3	172.8	173.7	175.4
7	Software	40.0	41.0	40.9	41.0	41.8	42.4	43.1
8	Research and development	132.0	131.4	131.4	131.8	131.6	131.9	133.0
9	Federal	1,113.8	1,113.8	1,112.7	1,123.0	1,118.7	1,117.7	1,124.6
10	Consumption expenditures	868.1	870.6	870.7	875.3	872.4	872.1	877.3
11	Gross investment	245.4	242.8	241.6	247.4	246.0	245.3	247.0
12	Structures	15.6	15.0	14.5	15.6	15.0	14.4	14.2
13	Equipment	90.1	88.7	87.9	92.5	91.5	90.7	91.3
14	Intellectual property products	139.5	139.0	139.0	139.4	139.4	140.1	141.4
15	Software	25.5	25.9	25.8	25.9	26.4	26.8	27.3
16	Research and development	114.3	113.4	113.5	113.8	113.4	113.7	114.6
17	National defense	686.3	672.0	669.0	676.3	670.9	665.5	669.0
18	Consumption expenditures	549.0	539.3	537.4	539.9	535.3	531.0	533.6
19	Gross investment	137.0	132.4	131.3	136.1	135.3	134.3	135.2
20	Structures	4.7	3.8	3.3	4.0	3.5	3.0	2.9
21	Equipment	73.1	70.0	69.3	72.8	71.7	70.3	70.5
22	Intellectual property products	59.3	58.6	58.6	59.4	60.2	61.0	61.8
23	Software	7.9	8.0	8.0	8.0	8.2	8.3	8.4
24	Research and development	51.6	50.8	50.8	51.5	52.2	52.8	53.5
25	Nondefense	427.3	441.3	443.1	446.2	447.2	451.4	454.7
26	Consumption expenditures	319.0	330.9	332.8	334.9	336.4	340.4	342.9
27	Gross investment	108.3	110.3	110.2	111.1	110.6	110.8	111.6
28	Structures	11.0	11.3	11.3	11.6	11.6	11.5	11.4
29	Equipment	17.0	18.7	18.7	19.7	19.9	20.4	20.8
30	Intellectual property products	80.3	80.4	80.3	79.9	79.2	79.2	79.6
31	Software	17.7	17.9	17.8	17.8	18.2	18.5	18.9
32	Research and development	62.7	62.7	62.7	62.3	61.2	60.9	61.0
33	State and local	1,718.1	1,768.2	1,779.9	1,777.1	1,792.6	1,781.4	1,778.3
34	Consumption expenditures	1,417.7	1,452.5	1,458.8	1,461.3	1,463.6	1,466.3	1,470.6
35	Gross investment	299.5	315.0	320.4	315.0	328.3	314.3	306.8
36	Structures	228.1	242.2	246.9	241.8	253.9	239.8	231.0
37	Equipment	39.8	40.1	40.7	40.4	41.0	41.3	42.5
38	Intellectual property products	32.2	33.0	33.0	33.1	33.6	33.8	34.1
39	Software	14.4	15.1	15.0	15.1	15.4	15.5	15.8
40	Research and development	17.7	18.0	18.0	18.1	18.2	18.3	18.4
41	Residual	1.6	2.6	2.9	2.4	2.7	2.6	2.1

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 3.10.1. Percent Change From Preceding Period in Real Government Consumption Expenditures and General Government Gross Output

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures ¹	-0.7	1.6	2.2	1.2	-0.1	0.4	1.6
2	Gross output of general government	-0.4	1.7	1.8	1.0	0.6	0.7	1.9
3	Value added	0.0	0.6	1.3	0.0	0.4	0.5	1.0
4	Compensation of general government employees	-0.1	0.8	1.6	0.0	0.5	0.6	1.2
5	Consumption of general government fixed capital ²	0.2	0.1	0.1	0.0	0.1	0.0	0.0
6	Intermediate goods and services purchased ³	-1.3	4.0	2.9	3.1	0.9	1.2	3.9
7	Durable goods	-4.1	0.6	2.4	20.3	-14.6	-5.1	14.7
8	Nondurable goods	0.0	5.4	5.3	2.9	4.4	3.9	3.2
9	Services	-1.6	3.8	1.9	1.7	1.2	0.8	3.2
10	Less: Own-account investment ⁴	-0.6	1.8	1.3	-1.4	5.4	-4.1	-1.2
11	Less: Sales to other sectors ⁵	1.3	1.9	-0.6	0.1	3.5	3.4	3.8
12	Federal consumption expenditures ¹	-2.3	0.3	1.5	2.2	-1.3	-0.1	2.4
13	Gross output of general government	-2.1	0.2	0.4	1.9	-0.8	0.1	2.8
14	Value added	-1.0	-0.8	0.0	-0.2	-0.1	0.2	0.4
15	Compensation of general government employees	-1.3	-1.0	0.4	0.1	0.3	0.8	1.2
16	Consumption of general government fixed capital ²	-0.4	-0.6	-0.6	-0.7	-0.6	-0.7	-0.8
17	Intermediate goods and services purchased ³	-4.2	2.3	1.3	6.4	-2.3	0.0	7.8
18	Durable goods	-6.6	-1.7	2.2	33.8	-24.1	-8.8	24.6
19	Nondurable goods	-3.3	5.2	13.3	8.7	11.3	12.8	7.4
20	Services	-3.9	2.5	-0.8	2.1	-0.5	-0.7	5.5
21	Less: Own-account investment ⁴	-0.9	0.0	0.9	1.1	-0.9	0.3	3.0
22	Less: Sales to other sectors	19.1	-6.8	-63.5	-16.6	79.3	29.5	49.0
23	Defense consumption expenditures ¹	-3.6	-1.8	-1.1	1.8	-3.3	-3.2	2.0
24	Gross output of general government	-3.5	-1.7	-1.0	1.7	-3.3	-3.1	2.0
25	Value added	-1.8	-2.1	-0.3	-1.0	-1.1	-1.1	0.0
26	Compensation of general government employees	-2.1	-2.4	0.7	-0.5	-0.7	-0.5	1.3
27	Consumption of general government fixed capital ²	-1.4	-1.8	-1.8	-1.8	-1.7	-1.9	-2.0
28	Intermediate goods and services purchased ³	-6.3	-0.9	-2.4	6.9	-7.2	-6.9	5.8
29	Durable goods	-7.6	-2.4	1.9	37.3	-26.7	-11.0	26.2
30	Nondurable goods	-4.9	1.0	11.0	22.9	17.2	8.1	1.6
31	Services	-6.3	-0.9	-4.9	-0.9	-4.8	-7.7	2.2
32	Less: Own-account investment ⁴	-0.9	0.5	1.6	1.5	-0.1	0.4	3.1
33	Less: Sales to other sectors	8.5	-5.4	-12.3	-15.0	-15.8	-7.8	-8.4
34	Nondefense consumption expenditures ¹	0.1	3.7	5.6	2.6	1.8	4.7	3.0
35	Gross output of general government	0.4	3.4	2.8	2.3	3.1	5.2	4.1
36	Value added	0.4	1.1	0.4	1.0	1.4	2.0	1.1
37	Compensation of general government employees	-0.1	1.1	0.0	0.9	1.6	2.5	1.0
38	Consumption of general government fixed capital ²	1.1	1.2	1.2	1.1	1.1	1.2	1.2
39	Intermediate goods and services purchased ³	0.5	8.9	8.4	5.4	7.1	12.8	11.1
40	Durable goods	4.7	5.7	5.5	4.7	6.1	12.9	11.4
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	-0.7	9.6	12.9	0.8	7.4	15.5	13.0
44	Services	0.8	8.9	6.8	7.4	7.3	11.7	10.7
45	Less: Own-account investment ⁴	-0.9	-0.6	0.0	0.4	-1.8	0.2	2.8
46	Less: Sales to other sectors	27.0	-7.7	-78.7	-17.8	190.4	54.3	84.6
47	State and local consumption expenditures ¹	0.2	2.5	2.6	0.7	0.6	0.7	1.2
48	Gross output of general government	0.4	2.4	2.4	0.6	1.2	1.0	1.4
49	Value added	0.4	1.3	1.8	0.1	0.6	0.6	1.2
50	Compensation of general government employees	0.3	1.4	1.9	0.0	0.6	0.6	1.2
51	Consumption of general government fixed capital ²	1.0	1.1	1.0	1.0	1.0	1.0	1.0

Table 3.10.1. Percent Change From Preceding Period in Real Government Consumption Expenditures and General Government Gross Output

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Table 3.10.1. Percent Change From Preceding Period in Real Government Consumption Expenditures and General Government Gross Output

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Intermediate goods and services purchased ³	0.3	4.9	3.7	1.5	2.6	1.9	1.9
53	Durable goods	0.6	4.5	2.8	1.3	3.2	0.8	1.0
54	Nondurable goods	0.7	5.4	3.9	1.8	3.1	2.1	2.3
55	Services	0.1	4.6	3.6	1.4	2.2	1.8	1.8
56	Less: Own-account investment ⁴	-0.2	3.6	1.7	-3.8	12.2	-8.3	-5.4
57	Less: Sales to other sectors	0.9	2.1	1.6	0.5	2.4	2.9	2.9
58	Tuition and related educational charges	-0.9	-0.5	0.0	-2.3	2.7	3.2	3.2
59	Health and hospital charges	2.6	3.3	2.2	1.4	2.7	3.2	3.2
60	Other sales ⁵	-0.1	2.4	1.9	1.0	1.8	2.2	2.2

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development in table 3.9.5.

5. Includes federal purchases of research and development produced by state and local general government.

Table 3.10.3. Real Government Consumption Expenditures and General Government Gross

Output, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures ¹	93.635	95.171	95.434	95.726	95.704	95.802	96.188
2	Gross output of general government	94.949	96.551	96.805	97.047	97.183	97.362	97.814
3	Value added	99.092	99.723	99.918	99.926	100.030	100.157	100.397
4	Compensation of general government employees	97.104	97.872	98.113	98.121	98.246	98.402	98.702
5	Consumption of general government fixed capital ²	106.967	107.040	107.049	107.060	107.076	107.082	107.078
6	Intermediate goods and services purchased ³	87.136	90.622	90.990	91.696	91.897	92.182	93.064
7	Durable goods	84.278	84.774	84.225	88.208	84.795	83.684	86.610
8	Nondurable goods	88.558	93.304	94.010	94.680	95.709	96.621	97.377
9	Services	86.631	89.881	90.209	90.580	90.842	91.034	91.748
10	Less: Own-account investment ⁴	96.447	98.143	98.706	98.361	99.661	98.633	98.330
11	Less: Sales to other sectors ⁵	103.102	105.101	105.241	105.277	106.188	107.082	108.084
12	Federal consumption expenditures ¹	92.978	93.244	93.252	93.750	93.434	93.402	93.957
13	Gross output of general government	93.331	93.522	93.462	93.912	93.723	93.755	94.410
14	Value added	101.467	100.619	100.590	100.538	100.523	100.574	100.682
15	Compensation of general government employees	98.122	97.178	97.183	97.207	97.281	97.469	97.756
16	Consumption of general government fixed capital ²	107.070	106.384	106.298	106.117	105.947	105.761	105.559
17	Intermediate goods and services purchased ³	80.444	82.314	82.198	83.474	82.995	82.994	84.566
18	Durable goods	80.031	78.669	77.545	83.404	77.849	76.072	80.370
19	Nondurable goods	75.667	79.615	80.295	81.995	84.222	86.801	88.373
20	Services	81.450	83.455	83.362	83.790	83.689	83.536	84.653
21	Less: Own-account investment ⁴	102.838	102.850	102.918	103.190	102.969	103.055	103.812
22	Less: Sales to other sectors	94.038	87.642	80.613	77.035	89.141	95.100	105.063
23	Defense consumption expenditures ¹	89.517	87.935	87.631	88.031	87.291	86.582	87.007
24	Gross output of general government	90.096	88.555	88.260	88.637	87.902	87.211	87.635
25	Value added	99.496	97.368	97.284	97.037	96.774	96.518	96.509
26	Compensation of general government employees	96.587	94.279	94.290	94.175	94.020	93.905	94.210
27	Consumption of general government fixed capital ²	104.142	102.301	102.067	101.608	101.167	100.683	100.163
28	Intermediate goods and services purchased ³	77.046	76.332	75.726	77.002	75.574	74.243	75.301
29	Durable goods	78.446	76.546	75.271	81.476	75.383	73.216	77.602
30	Nondurable goods	77.869	78.674	78.172	82.312	85.641	87.328	87.665
31	Services	76.490	75.827	75.357	75.181	74.253	72.772	73.175
32	Less: Own-account investment ⁴	107.650	108.137	108.321	108.736	108.696	108.814	109.636
33	Less: Sales to other sectors	94.302	89.193	87.970	84.479	80.930	79.293	77.571
34	Nondefense consumption expenditures ¹	99.550	103.268	103.854	104.535	105.004	106.225	107.020
35	Gross output of general government	99.307	102.649	103.014	103.596	104.393	105.725	106.796
36	Value added	104.615	105.783	105.840	106.094	106.468	106.999	107.289
37	Compensation of general government employees	100.459	101.548	101.545	101.774	102.186	102.822	103.081
38	Consumption of general government fixed capital ²	112.138	113.449	113.617	113.919	114.218	114.547	114.894
39	Intermediate goods and services purchased ³	88.433	96.321	97.337	98.614	100.320	103.383	106.143
40	Durable goods	101.065	106.875	107.761	109.005	110.621	114.034	117.154
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	73.205	80.214	81.520	81.691	83.159	86.209	88.884
44	Services	93.037	101.275	102.064	103.912	105.756	108.732	111.529
45	Less: Own-account investment ⁴	96.754	96.170	96.093	96.186	95.741	95.788	96.463
46	Less: Sales to other sectors	94.346	87.101	76.334	72.678	94.872	105.740	123.260
47	State and local consumption expenditures ¹	93.990	96.294	96.713	96.879	97.035	97.213	97.496
48	Gross output of general government	95.726	98.029	98.440	98.578	98.875	99.127	99.479
49	Value added	97.973	99.272	99.568	99.603	99.760	99.921	100.221
50	Compensation of general government employees	96.749	98.070	98.387	98.390	98.531	98.677	98.981
51	Consumption of general government fixed capital ²	106.792	107.919	108.060	108.337	108.619	108.983	109.156

Table 3.10.3. Real Government Consumption Expenditures and General Government Gross Output, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Table 3.10.3. Real Government Consumption Expenditures and General Government Gross

Output, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Intermediate goods and services purchased ³	91.024	95.466	96.124	96.488	97.099	97.556	98.022
53	Durable goods	92.603	96.733	97.310	97.623	98.405	98.596	98.838
54	Nondurable goods	91.619	96.556	97.268	97.696	98.446	98.967	99.531
55	Services	90.490	94.648	95.280	95.610	96.134	96.572	96.998
56	Less: Own-account investment ⁴	90.271	93.548	94.574	93.652	96.378	94.301	93.000
57	Less: Sales to other sectors	103.351	105.562	105.882	106.009	106.638	107.406	108.184
58	Tuition and related educational charges	97.619	97.128	97.248	96.693	97.332	98.110	98.895
59	Health and hospital charges	108.607	112.138	112.541	112.944	113.690	114.599	115.516
60	Other sales ⁵	100.215	102.616	102.969	103.230	103.694	104.259	104.840

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development in table 3.9.5.

5. Includes federal purchases of research and development produced by state and local general government.

Table 3.10.4. Price Indexes for Government Consumption Expenditures and General Government Gross Output

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures ¹	111.849	112.081	112.297	112.356	112.231	113.007	113.727
2	Gross output of general government	112.083	112.496	112.712	112.803	112.754	113.480	114.149
3	Value added	111.192	113.211	113.389	113.923	114.334	114.930	115.587
4	Compensation of general government employees	111.884	114.254	114.437	115.147	115.680	116.255	117.035
5	Consumption of general government fixed capital ²	108.602	109.372	109.534	109.443	109.416	110.084	110.306
6	Intermediate goods and services purchased ³	113.771	110.701	110.999	110.152	109.134	110.133	110.822
7	Durable goods	102.906	103.368	103.343	103.390	103.167	103.231	103.240
8	Nondurable goods	125.265	111.727	112.102	108.987	104.794	106.816	108.040
9	Services	110.549	111.461	111.760	111.773	112.018	112.680	113.214
10	Less: Own-account investment ⁴	109.500	109.634	109.672	109.597	109.798	110.358	110.926
11	Less: Sales to other sectors ⁵	113.952	115.469	115.715	116.022	116.377	116.843	117.235
12	Federal consumption expenditures ¹	110.114	110.696	110.840	110.588	111.073	111.752	112.247
13	Gross output of general government	110.075	110.632	110.769	110.526	111.008	111.678	112.176
14	Value added	109.456	111.211	111.327	111.309	112.292	112.877	113.353
15	Compensation of general government employees	110.313	112.757	112.915	112.928	114.474	115.142	115.693
16	Consumption of general government fixed capital ²	108.064	108.779	108.831	108.766	108.899	109.358	109.720
17	Intermediate goods and services purchased ³	111.018	109.180	109.360	108.679	108.185	109.020	109.557
18	Durable goods	102.693	103.195	103.125	103.283	103.012	103.083	103.065
19	Nondurable goods	124.476	110.033	110.003	106.683	102.572	105.121	106.687
20	Services	110.107	110.063	110.318	109.966	110.099	110.735	111.166
21	Less: Own-account investment ⁴	108.383	108.368	108.354	108.180	108.613	109.224	109.755
22	Less: Sales to other sectors	111.901	112.512	112.507	112.829	113.310	113.375	113.938
23	Defense consumption expenditures ¹	109.333	109.522	109.633	109.349	109.657	110.328	110.791
24	Gross output of general government	109.290	109.461	109.566	109.284	109.590	110.256	110.720
25	Value added	108.258	109.819	109.892	109.874	110.695	111.192	111.609
26	Compensation of general government employees	108.466	110.536	110.630	110.635	112.003	112.495	112.931
27	Consumption of general government fixed capital ²	107.906	108.723	108.765	108.712	108.733	109.236	109.624
28	Intermediate goods and services purchased ³	110.767	108.403	108.569	107.816	107.190	108.165	108.715
29	Durable goods	102.830	103.328	103.257	103.434	103.120	103.198	103.170
30	Nondurable goods	136.305	109.118	109.074	103.035	95.507	100.125	102.928
31	Services	109.576	109.752	109.991	109.718	109.998	110.645	110.993
32	Less: Own-account investment ⁴	108.195	107.722	107.661	107.326	107.516	108.118	108.639
33	Less: Sales to other sectors	108.305	109.590	109.664	110.099	110.754	111.088	111.380
34	Nondefense consumption expenditures ¹	111.518	112.757	112.956	112.757	113.524	114.217	114.763
35	Gross output of general government	111.460	112.657	112.846	112.663	113.425	114.103	114.652
36	Value added	111.357	113.406	113.586	113.568	114.791	115.506	116.070
37	Compensation of general government employees	113.147	116.144	116.395	116.417	118.222	119.144	119.859
38	Consumption of general government fixed capital ²	108.321	108.876	108.942	108.860	109.166	109.555	109.879
39	Intermediate goods and services purchased ³	111.587	110.779	110.988	110.439	110.183	110.776	111.294
40	Durable goods	101.023	101.562	101.505	101.477	101.603	101.615	101.684
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	114.091	111.627	111.569	110.743	109.856	110.428	111.062
44	Services	111.330	110.879	111.163	110.670	110.556	111.176	111.737
45	Less: Own-account investment ⁴	108.640	109.273	109.326	109.382	110.162	110.788	111.334
46	Less: Sales to other sectors	113.709	113.867	113.811	114.049	114.409	114.331	115.017
47	State and local consumption expenditures ¹	112.972	112.992	113.252	113.497	113.007	113.841	114.696
48	Gross output of general government	113.144	113.484	113.740	113.993	113.686	114.440	115.192
49	Value added	112.046	114.191	114.399	115.191	115.335	115.936	116.678
50	Compensation of general government employees	112.430	114.778	114.969	115.905	116.109	116.654	117.508
51	Consumption of general government fixed capital ²	109.392	110.239	110.554	110.425	110.179	111.166	111.166

Table 3.10.4. Price Indexes for Government Consumption Expenditures and General Government Gross Output

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Intermediate goods and services purchased ³	115.541	111.803	112.163	111.226	109.928	111.015	111.787
53	Durable goods	103.292	103.689	103.734	103.600	103.457	103.511	103.561
54	Nondurable goods	125.463	112.099	112.554	109.478	105.267	107.180	108.332
55	Services	110.783	112.323	112.650	112.899	113.216	113.894	114.494
56	Less: Own-account investment ⁴	110.752	111.047	111.141	111.170	111.128	111.636	112.244
57	Less: Sales to other sectors	113.984	115.520	115.773	116.079	116.432	116.907	117.295
58	Tuition and related educational charges	125.030	129.359	129.744	131.011	131.683	132.900	132.863
59	Health and hospital charges	110.704	111.688	111.923	112.071	112.270	112.642	113.203
60	Other sales ⁵	111.544	112.167	112.364	112.323	112.709	112.886	113.271

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).
2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.
4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development in table 3.9.5.
5. Includes federal purchases of research and development produced by state and local general government.

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures ¹	2,557.6	2,604.9	2,617.1	2,626.5	2,623.0	2,643.8	2,671.4
2	Gross output of general government	3,077.7	3,141.1	3,155.4	3,165.9	3,168.9	3,195.2	3,228.9
3	Value added	2,101.9	2,153.7	2,161.2	2,171.6	2,181.7	2,195.8	2,213.7
4	Compensation of general government employees	1,648.5	1,696.8	1,703.7	1,714.3	1,724.5	1,735.8	1,752.8
5	Consumption of general government fixed capital ²	453.4	456.9	457.6	457.3	457.2	460.0	460.9
6	Intermediate goods and services purchased ³	975.8	987.5	994.2	994.2	987.2	999.3	1,015.2
7	Durable goods	64.5	65.2	64.7	67.8	65.1	64.3	66.5
8	Nondurable goods	291.6	274.1	277.1	271.3	263.7	271.4	276.6
9	Services	619.7	648.2	652.3	655.1	658.4	663.7	672.1
10	Less: Own-account investment ⁴	75.0	76.4	76.8	76.5	77.7	77.3	77.4
11	Less: Sales to other sectors ⁵	445.2	459.8	461.4	462.8	468.3	474.1	480.1
12	Federal consumption expenditures ¹	955.9	963.7	965.1	968.0	969.0	974.6	984.7
13	Gross output of general government	1,004.8	1,012.0	1,012.6	1,015.2	1,017.6	1,024.1	1,035.8
14	Value added	670.4	675.5	676.0	675.5	681.4	685.3	688.9
15	Compensation of general government employees	406.4	411.4	412.0	412.2	418.2	421.4	424.7
16	Consumption of general government fixed capital ²	264.0	264.0	263.9	263.3	263.2	263.9	264.2
17	Intermediate goods and services purchased ³	334.4	336.5	336.6	339.7	336.2	338.8	346.9
18	Durable goods	40.5	40.0	39.4	42.5	39.5	38.7	40.8
19	Nondurable goods	47.9	44.6	44.9	44.5	44.0	46.4	48.0
20	Services	246.0	251.9	252.2	252.7	252.7	253.7	258.1
21	Less: Own-account investment ⁴	38.8	38.8	38.8	38.9	39.0	39.2	39.7
22	Less: Sales to other sectors	10.0	9.4	8.6	8.3	9.6	10.3	11.4
23	Defense consumption expenditures ¹	600.2	590.6	589.2	590.4	587.0	585.8	591.2
24	Gross output of general government	626.8	617.0	615.6	616.6	613.2	612.1	617.6
25	Value added	402.3	399.3	399.2	398.2	400.1	400.8	402.3
26	Compensation of general government employees	239.7	238.4	238.7	238.4	240.9	241.7	243.4
27	Consumption of general government fixed capital ²	162.5	160.9	160.6	159.8	159.1	159.1	158.8
28	Intermediate goods and services purchased ³	224.5	217.7	216.3	218.4	213.1	211.3	215.4
29	Durable goods	37.0	36.2	35.6	38.6	35.6	34.6	36.7
30	Nondurable goods	26.0	21.0	20.9	20.8	20.0	21.4	22.1
31	Services	161.6	160.5	159.8	159.1	157.5	155.3	156.6
32	Less: Own-account investment ⁴	22.7	22.7	22.7	22.7	22.7	22.9	23.2
33	Less: Sales to other sectors	3.9	3.7	3.7	3.5	3.4	3.3	3.3
34	Nondefense consumption expenditures ¹	355.7	373.1	375.9	377.7	382.0	388.8	393.5
35	Gross output of general government	378.0	394.9	397.0	398.6	404.4	412.0	418.2
36	Value added	268.1	276.1	276.7	277.3	281.3	284.5	286.6
37	Compensation of general government employees	166.7	173.0	173.4	173.8	177.2	179.7	181.2
38	Consumption of general government fixed capital ²	101.4	103.1	103.3	103.5	104.1	104.8	105.4
39	Intermediate goods and services purchased ³	109.9	118.8	120.3	121.3	123.1	127.5	131.5
40	Durable goods	3.6	3.8	3.8	3.9	3.9	4.1	4.2
41	Nondurable goods	22.0	23.6	24.1	23.7	23.9	25.0	25.9
42	Commodity Credit Corporation inventory change	0.0	0.0	0.2	0.0	-0.1	0.0	-0.1
43	Other nondurable goods	22.0	23.5	23.9	23.8	24.0	25.0	26.0
44	Services	84.3	91.4	92.4	93.6	95.2	98.4	101.5
45	Less: Own-account investment ⁴	16.2	16.2	16.1	16.2	16.2	16.3	16.5
46	Less: Sales to other sectors	6.2	5.7	5.0	4.8	6.2	6.9	8.1
47	State and local consumption expenditures ¹	1,601.6	1,641.2	1,652.1	1,658.5	1,654.0	1,669.2	1,686.7
48	Gross output of general government	2,072.9	2,129.2	2,142.9	2,150.6	2,151.3	2,171.1	2,193.1
49	Value added	1,431.5	1,478.2	1,485.3	1,496.1	1,500.3	1,510.6	1,524.8
50	Compensation of general government employees	1,242.1	1,285.3	1,291.6	1,302.2	1,306.3	1,314.4	1,328.1
51	Consumption of general government fixed capital ²	189.4	192.9	193.7	193.9	194.0	196.2	196.7

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Intermediate goods and services purchased ³	641.4	651.0	657.6	654.6	651.0	660.5	668.3
53	Durable goods	24.0	25.2	25.3	25.4	25.5	25.6	25.7
54	Nondurable goods	243.7	229.5	232.2	226.8	219.8	224.9	228.7
55	Services	373.7	396.3	400.1	402.4	405.7	410.0	414.0
56	Less: Own-account investment ⁴	36.2	37.6	38.0	37.6	38.7	38.1	37.7
57	Less: Sales to other sectors	435.1	450.4	452.8	454.5	458.6	463.8	468.7
58	Tuition and related educational charges	96.6	99.5	99.9	100.3	101.5	103.2	104.0
59	Health and hospital charges	200.7	209.1	210.3	211.3	213.1	215.5	218.3
60	Other sales ⁵	137.8	141.9	142.6	142.9	144.0	145.1	146.4

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).
2. Consumption of fixed capital, or depreciation, is included in government gross output as a partial measure of the services of general government fixed assets; the use of depreciation assumes a zero net return on these assets.
3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.
4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development in table 3.9.5.
5. Includes federal purchases of research and development produced by state and local general government.

Table 3.10.6. Real Government Consumption Expenditures and General Government Gross

Output, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
 Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Government consumption expenditures ¹	2,286.6	2,324.1	2,330.6	2,337.7	2,337.1	2,339.6	2,349.0
2	Gross output of general government	2,745.9	2,792.2	2,799.6	2,806.6	2,810.5	2,815.7	2,828.7
3	Value added	1,890.3	1,902.3	1,906.1	1,906.2	1,908.2	1,910.6	1,915.2
4	Compensation of general government employees	1,473.4	1,485.1	1,488.7	1,488.9	1,490.7	1,493.1	1,497.7
5	Consumption of general government fixed capital ²	417.4	417.7	417.8	417.8	417.9	417.9	417.9
6	Intermediate goods and services purchased ³	857.7	892.0	895.7	902.6	904.6	907.4	916.1
7	Durable goods	62.7	63.1	62.7	65.6	63.1	62.3	64.4
8	Nondurable goods	232.8	245.3	247.2	248.9	251.6	254.0	256.0
9	Services	560.5	581.6	583.7	586.1	587.8	589.0	593.7
10	Less: Own-account investment ⁴	68.5	69.7	70.1	69.8	70.7	70.0	69.8
11	Less: Sales to other sectors ⁵	390.7	398.2	398.8	398.9	402.4	405.8	409.5
12	Federal consumption expenditures ¹	868.1	870.6	870.7	875.3	872.4	872.1	877.3
13	Gross output of general government	912.8	914.7	914.1	918.5	916.7	917.0	923.4
14	Value added	612.5	607.4	607.2	606.9	606.8	607.1	607.7
15	Compensation of general government employees	368.4	364.9	364.9	365.0	365.3	366.0	367.1
16	Consumption of general government fixed capital ²	244.3	242.7	242.5	242.1	241.7	241.3	240.8
17	Intermediate goods and services purchased ³	301.2	308.2	307.8	312.6	310.8	310.8	316.6
18	Durable goods	39.5	38.8	38.2	41.1	38.4	37.5	39.6
19	Nondurable goods	38.5	40.5	40.8	41.7	42.8	44.1	44.9
20	Services	223.4	228.9	228.6	229.8	229.5	229.1	232.2
21	Less: Own-account investment ⁴	35.8	35.8	35.8	35.9	35.9	35.9	36.2
22	Less: Sales to other sectors	9.0	8.4	7.7	7.3	8.5	9.1	10.0
23	Defense consumption expenditures ¹	549.0	539.3	537.4	539.9	535.3	531.0	533.6
24	Gross output of general government	573.5	563.7	561.8	564.2	559.5	555.1	557.8
25	Value added	371.6	363.6	363.3	362.4	361.4	360.4	360.4
26	Compensation of general government employees	221.0	215.7	215.7	215.5	215.1	214.9	215.6
27	Consumption of general government fixed capital ²	150.6	148.0	147.6	147.0	146.3	145.6	144.9
28	Intermediate goods and services purchased ³	202.7	200.8	199.2	202.6	198.8	195.3	198.1
29	Durable goods	35.9	35.1	34.5	37.3	34.5	33.5	35.5
30	Nondurable goods	19.0	19.2	19.1	20.1	20.9	21.4	21.4
31	Services	147.5	146.2	145.3	145.0	143.2	140.3	141.1
32	Less: Own-account investment ⁴	20.9	21.0	21.1	21.2	21.2	21.2	21.3
33	Less: Sales to other sectors	3.6	3.4	3.3	3.2	3.1	3.0	2.9
34	Nondefense consumption expenditures ¹	319.0	330.9	332.8	334.9	336.4	340.4	342.9
35	Gross output of general government	339.2	350.6	351.8	353.8	356.5	361.1	364.7
36	Value added	240.8	243.5	243.6	244.2	245.1	246.3	247.0
37	Compensation of general government employees	147.4	149.0	149.0	149.3	149.9	150.8	151.2
38	Consumption of general government fixed capital ²	93.6	94.7	94.9	95.1	95.4	95.6	95.9
39	Intermediate goods and services purchased ³	98.5	107.2	108.4	109.8	111.7	115.1	118.2
40	Durable goods	3.5	3.7	3.8	3.8	3.9	4.0	4.1
41	Nondurable goods	19.2	21.1	21.5	21.4	21.8	22.6	23.3
42	Commodity Credit Corporation inventory change	0.0	0.0	0.1	0.0	-0.1	0.0	0.0
43	Other nondurable goods	19.2	21.1	21.4	21.5	21.9	22.7	23.4
44	Services	75.8	82.5	83.1	84.6	86.1	88.5	90.8
45	Less: Own-account investment ⁴	14.9	14.8	14.8	14.8	14.7	14.7	14.8
46	Less: Sales to other sectors	5.4	5.0	4.4	4.2	5.4	6.1	7.1
47	State and local consumption expenditures ¹	1,417.7	1,452.5	1,458.8	1,461.3	1,463.6	1,466.3	1,470.6
48	Gross output of general government	1,832.1	1,876.2	1,884.0	1,886.7	1,892.4	1,897.2	1,903.9
49	Value added	1,277.6	1,294.5	1,298.4	1,298.8	1,300.9	1,303.0	1,306.9
50	Compensation of general government employees	1,104.8	1,119.8	1,123.5	1,123.5	1,125.1	1,126.8	1,130.2
51	Consumption of general government fixed capital ²	173.1	175.0	175.2	175.6	176.4	176.5	177.0

Table 3.10.6. Real Government Consumption Expenditures and General Government Gross Output, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Table 3.10.6. Real Government Consumption Expenditures and General Government Gross Output, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
52	Intermediate goods and services purchased ³	555.2	582.3	586.3	588.5	592.2	595.0	597.8
53	Durable goods	23.2	24.3	24.4	24.5	24.7	24.7	24.8
54	Nondurable goods	194.3	204.7	206.3	207.2	208.8	209.9	211.1
55	Services	337.3	352.8	355.2	356.4	358.4	360.0	361.6
56	Less: Own-account investment ⁴	32.6	33.8	34.2	33.9	34.8	34.1	33.6
57	Less: Sales to other sectors	381.8	389.9	391.1	391.6	393.9	396.7	399.6
58	Tuition and related educational charges	77.3	76.9	77.0	76.6	77.1	77.7	78.3
59	Health and hospital charges	181.3	187.2	187.9	188.6	189.8	191.3	192.9
60	Other sales ⁵	123.5	126.5	126.9	127.2	127.8	128.5	129.2
61	Residual	-0.1	0.9	1.1	0.9	1.0	0.9	0.6

Legend / Footnotes:

1. Government consumption expenditures are services (such as education and national defense) produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development in table 3.9.5.

5. Includes federal purchases of research and development produced by state and local general government.

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 3.11.1. Percent Change From Preceding Period in Real National Defense Consumption Expenditures and Gross Investment by Type

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National defense consumption expenditures and gross investment	-4.1	-2.1	-1.2	4.4	-3.2	-3.2	2.1
2	Consumption expenditures ¹	-3.6	-1.8	-1.1	1.8	-3.3	-3.2	2.0
3	Gross output of general government	-3.5	-1.7	-1.0	1.7	-3.3	-3.1	2.0
4	Value added	-1.8	-2.1	-0.3	-1.0	-1.1	-1.1	0.0
5	Compensation of general government employees	-2.1	-2.4	0.7	-0.5	-0.7	-0.5	1.3
6	Military	-3.2	-3.6	0.2	-1.4	-0.4	-0.6	1.2
7	Civilian	-0.2	-0.4	1.6	0.9	-1.0	-0.3	1.5
8	Consumption of general government fixed capital ²	-1.4	-1.8	-1.8	-1.8	-1.7	-1.9	-2.0
9	Intermediate goods and services purchased ³	-6.3	-0.9	-2.4	6.9	-7.2	-6.9	5.8
10	Durable goods	-7.6	-2.4	1.9	37.3	-26.7	-11.0	26.2
11	Aircraft	-8.6	-2.2	15.5	43.7	-30.2	-28.7	65.8
12	Missiles	-3.6	1.1	-35.5	259.9	-75.6	47.6	22.6
13	Ships	0.3	4.6	6.4	4.9	5.6	3.8	2.9
14	Vehicles	-15.4	-5.1	-17.4	-3.5	-57.6	-15.4	-26.2
15	Electronics	-15.8	-5.1	0.6	3.8	3.5	-1.4	-2.7
16	Other durable goods	-1.5	-3.4	-0.6	9.0	3.7	0.4	0.5
17	Nondurable goods	-4.9	1.0	11.0	22.9	17.2	8.1	1.6
18	Petroleum products	-4.7	0.7	9.7	24.4	13.5	0.0	0.0
19	Ammunition	-15.3	-2.9	37.6	58.0	37.3	14.1	-2.2
20	Other nondurable goods	-1.4	2.6	6.2	13.0	13.4	11.3	3.9
21	Services	-6.3	-0.9	-4.9	-0.9	-4.8	-7.7	2.2
22	Installation support	6.4	-4.6	-12.8	10.8	9.9	3.1	-1.2
23	Weapons support	-0.6	0.6	-15.0	4.9	10.2	-7.6	-2.1
24	Personnel support	-12.8	1.3	2.1	-6.3	-14.8	-13.9	3.1
25	Transportation of material	-13.8	-9.9	-7.0	-22.7	-24.9	-5.1	34.7
26	Travel of persons	3.4	-3.0	1.8	7.5	7.7	10.0	7.3
27	Less: Own-account investment ⁴	-0.9	0.5	1.6	1.5	-0.1	0.4	3.1
28	Less: Sales to other sectors	8.5	-5.4	-12.3	-15.0	-15.8	-7.8	-8.4
29	Gross investment ⁵	-5.9	-3.4	-1.6	15.8	-2.4	-2.9	2.7
30	Structures	-21.8	-19.4	-45.4	117.5	-43.3	-44.6	-18.5
31	Equipment	-4.6	-4.2	-2.1	21.5	-6.1	-7.2	1.2
32	Aircraft	-8.8	-11.8	-6.3	17.5	2.4	-25.5	-12.4
33	Missiles	5.1	0.5	-24.4	210.4	-78.4	55.9	-5.8
34	Ships	4.5	2.4	18.2	7.1	24.8	-19.9	20.9
35	Vehicles	-25.1	-22.8	-5.0	-4.9	-1.3	-0.4	-3.1
36	Electronics	-12.9	-2.8	1.0	4.5	5.2	-0.5	-1.4
37	Other equipment	-2.4	-1.4	-3.3	10.4	5.0	1.2	3.1
38	Intellectual property products	-6.0	-1.1	2.7	5.4	5.4	5.0	5.6
39	Software	2.1	2.3	-3.0	0.6	8.1	4.8	6.7
40	Research and development	-7.0	-1.6	3.5	6.1	5.0	5.1	5.4

Legend / Footnotes:

1. National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development.

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

Table 3.11.2. Contributions to Percent Change in National Defense Consumption Expenditures and Gross Investment by Type

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	National defense consumption expenditures and gross investment	-4.1	-2.1	-1.2	4.4	-3.2	-3.2	2.1
	Percentage points at annual rates:							
2	Consumption expenditures ¹	-2.92	-1.42	-0.85	1.51	-2.68	-2.59	1.59
3	Gross output of general government	-2.90	-1.44	-0.87	1.48	-2.77	-2.62	1.64
4	Value added	-0.95	-1.16	-0.16	-0.55	-0.59	-0.57	-0.02
5	Compensation of general government employees	-0.65	-0.77	0.24	-0.16	-0.21	-0.16	0.43
6	Military	-0.63	-0.73	0.04	-0.27	-0.08	-0.12	0.24
7	Civilian	-0.02	-0.04	0.20	0.11	-0.13	-0.04	0.19
8	Consumption of general government fixed capital ²	-0.30	-0.39	-0.40	-0.39	-0.37	-0.41	-0.45
9	Intermediate goods and services purchased ³	-1.95	-0.28	-0.70	2.03	-2.18	-2.04	1.66
10	Durable goods	-0.39	-0.12	0.09	1.62	-1.56	-0.55	1.14
11	Aircraft	-0.20	-0.05	0.31	0.84	-0.82	-0.70	1.09
12	Missiles	-0.02	0.00	-0.20	0.65	-0.69	0.17	0.09
13	Ships	0.00	0.01	0.01	0.01	0.01	0.01	0.01
14	Vehicles	-0.03	-0.01	-0.03	-0.01	-0.13	-0.02	-0.04
15	Electronics	-0.13	-0.04	0.00	0.02	0.02	-0.01	-0.02
16	Other durable goods	-0.02	-0.04	-0.01	0.11	0.04	0.01	0.01
17	Nondurable goods	-0.18	0.03	0.31	0.60	0.44	0.22	0.05
18	Petroleum products	-0.09	0.01	0.11	0.23	0.12	0.00	0.00
19	Ammunition	-0.07	-0.01	0.13	0.20	0.15	0.07	-0.01
20	Other nondurable goods	-0.02	0.03	0.08	0.17	0.18	0.16	0.06
21	Services	-1.38	-0.19	-1.11	-0.19	-1.06	-1.71	0.47
22	Installation support	0.29	-0.23	-0.66	0.50	0.46	0.15	-0.06
23	Weapons support	-0.02	0.02	-0.64	0.19	0.39	-0.31	-0.09
24	Personnel support	-1.54	0.14	0.24	-0.74	-1.76	-1.60	0.33
25	Transportation of material	-0.15	-0.09	-0.06	-0.21	-0.21	-0.04	0.22
26	Travel of persons	0.03	-0.03	0.02	0.07	0.07	0.09	0.07
27	Less: Own-account investment ⁴	0.03	-0.01	-0.05	-0.05	0.00	-0.01	-0.09
28	Less: Sales to other sectors	-0.04	0.03	0.07	0.08	0.08	0.04	0.04
29	Gross investment ⁵	-1.19	-0.66	-0.32	2.90	-0.47	-0.56	0.54
30	Structures	-0.19	-0.14	-0.34	0.45	-0.33	-0.30	-0.10
31	Equipment	-0.47	-0.43	-0.22	1.97	-0.61	-0.72	0.12
32	Aircraft	-0.25	-0.31	-0.16	0.40	0.06	-0.68	-0.29
33	Missiles	0.04	0.00	-0.23	1.06	-1.32	0.34	-0.05
34	Ships	0.07	0.04	0.30	0.13	0.43	-0.42	0.36
35	Vehicles	-0.13	-0.09	-0.02	-0.02	0.00	0.00	-0.01
36	Electronics	-0.12	-0.02	0.01	0.04	0.04	0.00	-0.01
37	Other equipment	-0.09	-0.05	-0.12	0.36	0.18	0.05	0.11
38	Intellectual property products	-0.53	-0.10	0.24	0.48	0.48	0.46	0.51
39	Software	0.02	0.02	-0.03	0.01	0.09	0.05	0.07
40	Research and development	-0.55	-0.12	0.27	0.47	0.39	0.40	0.44

Legend / Footnotes:

1. National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development.

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

Table 3.11.3. Real National Defense Consumption Expenditures and Gross Investment by Type, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National defense consumption expenditures and gross investment	87.065	85.252	84.872	85.793	85.109	84.430	84.875
2	Consumption expenditures ¹	89.517	87.935	87.631	88.031	87.291	86.582	87.007
3	Gross output of general government	90.096	88.555	88.260	88.637	87.902	87.211	87.635
4	Value added	99.496	97.368	97.284	97.037	96.774	96.518	96.509
5	Compensation of general government employees	96.587	94.279	94.290	94.175	94.020	93.905	94.210
6	Military	93.010	89.649	89.612	89.306	89.212	89.080	89.341
7	Civilian	103.523	103.155	103.249	103.480	103.216	103.131	103.518
8	Consumption of general government fixed capital ²	104.142	102.301	102.067	101.608	101.167	100.683	100.163
9	Intermediate goods and services purchased ³	77.046	76.332	75.726	77.002	75.574	74.243	75.301
10	Durable goods	78.446	76.546	75.271	81.476	75.383	73.216	77.602
11	Aircraft	109.203	106.792	106.051	116.111	106.115	97.519	110.661
12	Missiles	73.360	74.141	66.233	91.224	64.084	70.630	74.317
13	Ships	209.269	218.921	220.790	223.451	226.511	228.632	230.247
14	Vehicles	38.156	36.215	34.518	34.211	27.609	26.480	24.543
15	Electronics	45.547	43.229	43.122	43.521	43.902	43.750	43.452
16	Other durable goods	77.564	74.942	74.449	76.074	76.777	76.858	76.950
17	Nondurable goods	77.869	78.674	78.172	82.312	85.641	87.328	87.665
18	Petroleum products	75.735	76.253	74.706	78.900	81.435	81.435	81.435
19	Ammunition	67.026	65.084	65.943	73.934	80.029	82.714	82.251
20	Other nondurable goods	88.274	90.604	90.752	93.571	96.567	99.191	100.153
21	Services	76.490	75.827	75.357	75.181	74.253	72.772	73.175
22	Installation support	76.376	72.883	70.928	72.776	74.518	75.082	74.862
23	Weapons support	79.051	79.505	78.521	79.469	81.429	79.838	79.408
24	Personnel support	80.972	82.020	82.412	81.086	77.900	75.033	75.612
25	Transportation of material	47.020	42.356	42.087	39.461	36.733	36.251	39.056
26	Travel of persons	67.854	65.834	65.467	66.660	67.911	69.544	70.776
27	Less: Own-account investment ⁴	107.650	108.137	108.321	108.736	108.696	108.814	109.636
28	Less: Sales to other sectors	94.302	89.193	87.970	84.479	80.930	79.293	77.571
29	Gross investment ⁵	78.309	75.663	75.010	77.805	77.325	76.753	77.270
30	Structures	27.227	21.940	19.278	23.412	20.315	17.530	16.658
31	Equipment	84.981	81.396	80.586	84.606	83.288	81.751	81.987
32	Aircraft	148.656	131.182	133.476	138.982	139.809	129.869	125.632
33	Missiles	122.914	123.481	109.792	145.730	99.405	111.068	109.414
34	Ships	107.368	109.943	109.218	111.119	117.445	111.097	116.496
35	Vehicles	29.880	23.063	23.149	22.858	22.786	22.761	22.584
36	Electronics	49.384	47.999	47.972	48.505	49.120	49.064	48.887
37	Other equipment	74.463	73.455	72.884	74.716	75.629	75.861	76.433
38	Intellectual property products	82.543	81.623	81.644	82.722	83.815	84.852	86.013
39	Software	114.829	117.431	117.151	117.316	119.617	121.019	122.997
40	Research and development	79.340	78.092	78.141	79.301	80.280	81.280	82.363

Legend / Footnotes:

1. National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development.

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

Table 3.11.4. Price Indexes for National Defense Consumption Expenditures and Gross Investment by Type

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National defense consumption expenditures and gross investment	108.699	108.923	109.010	108.765	109.015	109.585	110.000
2	Consumption expenditures ¹	109.333	109.522	109.633	109.349	109.657	110.328	110.791
3	Gross output of general government	109.290	109.461	109.566	109.284	109.590	110.256	110.720
4	Value added	108.258	109.819	109.892	109.874	110.695	111.192	111.609
5	Compensation of general government employees	108.466	110.536	110.630	110.635	112.003	112.495	112.931
6	Military	106.086	107.650	107.653	107.635	108.749	109.001	109.279
7	Civilian	112.848	115.807	116.062	116.107	117.913	118.819	119.527
8	Consumption of general government fixed capital ²	107.906	108.723	108.765	108.712	108.733	109.236	109.624
9	Intermediate goods and services purchased ³	110.767	108.403	108.569	107.816	107.190	108.165	108.715
10	Durable goods	102.830	103.328	103.257	103.434	103.120	103.198	103.170
11	Aircraft	102.390	102.708	102.634	102.592	102.645	102.756	102.792
12	Missiles	102.273	103.827	103.294	105.532	103.255	103.793	103.474
13	Ships	101.743	101.793	101.647	101.182	100.428	100.104	100.246
14	Vehicles	105.130	105.950	105.775	106.052	105.741	105.601	105.019
15	Electronics	100.758	100.480	100.401	100.217	99.702	99.547	99.561
16	Other durable goods	104.900	105.809	105.974	106.006	106.012	106.103	106.073
17	Nondurable goods	136.305	109.118	109.074	103.035	95.507	100.125	102.928
18	Petroleum products	167.460	102.376	101.889	88.190	70.530	81.470	88.363
19	Ammunition	109.630	109.222	109.106	108.049	106.872	106.411	106.661
20	Other nondurable goods	111.011	110.845	111.006	110.324	110.050	110.673	110.709
21	Services	109.576	109.752	109.991	109.718	109.998	110.645	110.993
22	Installation support	112.163	109.938	110.726	109.249	109.149	110.452	111.107
23	Weapons support	109.481	110.923	111.039	111.112	111.783	112.154	112.320
24	Personnel support	107.164	108.428	108.633	108.840	109.286	109.879	110.209
25	Transportation of material	115.641	112.537	111.199	110.726	109.327	109.603	109.689
26	Travel of persons	113.992	111.356	111.001	109.653	109.635	108.894	108.800
27	Less: Own-account investment ⁴	108.195	107.722	107.661	107.326	107.516	108.118	108.639
28	Less: Sales to other sectors	108.305	109.590	109.664	110.099	110.754	111.088	111.380
29	Gross investment ⁵	106.382	106.747	106.738	106.650	106.667	106.840	107.067
30	Structures	113.307	114.668	114.845	115.123	114.854	116.447	117.630
31	Equipment	103.158	102.644	102.449	102.450	102.179	101.996	101.972
32	Aircraft	98.749	95.129	94.490	93.681	94.426	93.224	93.744
33	Missiles	106.352	105.609	104.452	106.270	103.566	105.237	103.928
34	Ships	110.575	110.830	111.004	111.012	110.428	110.453	110.403
35	Vehicles	107.217	113.239	112.294	113.781	113.221	113.503	112.886
36	Electronics	97.299	96.472	96.306	96.073	95.269	95.082	95.006
37	Other equipment	104.832	105.746	105.989	106.044	105.979	105.997	105.959
38	Intellectual property products	109.757	111.117	111.319	111.101	111.485	112.000	112.469
39	Software	100.335	99.532	99.744	99.754	99.595	99.650	99.190
40	Research and development	110.923	112.616	112.815	112.561	113.029	113.614	114.228

Legend / Footnotes:

1. National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development.

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

Table 3.11.5. National Defense Consumption Expenditures and Gross Investment by Type

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National defense consumption expenditures and gross investment	746.0	732.0	729.3	735.6	731.4	729.3	736.0
2	Consumption expenditures ¹	600.2	590.6	589.2	590.4	587.0	585.8	591.2
3	Gross output of general government	626.8	617.0	615.6	616.6	613.2	612.1	617.6
4	Value added	402.3	399.3	399.2	398.2	400.1	400.8	402.3
5	Compensation of general government employees	239.7	238.4	238.7	238.4	240.9	241.7	243.4
6	Military	150.0	146.7	146.6	146.1	147.5	147.6	148.4
7	Civilian	89.7	91.8	92.0	92.3	93.5	94.1	95.0
8	Consumption of general government fixed capital ²	162.5	160.9	160.6	159.8	159.1	159.1	158.8
9	Intermediate goods and services purchased ³	224.5	217.7	216.3	218.4	213.1	211.3	215.4
10	Durable goods	37.0	36.2	35.6	38.6	35.6	34.6	36.7
11	Aircraft	16.4	16.1	16.0	17.5	16.0	14.7	16.7
12	Missiles	3.4	3.5	3.1	4.3	3.0	3.3	3.5
13	Ships	1.5	1.6	1.6	1.6	1.6	1.6	1.7
14	Vehicles	1.4	1.3	1.3	1.3	1.0	1.0	0.9
15	Electronics	5.2	4.9	4.9	4.9	4.9	4.9	4.9
16	Other durable goods	9.0	8.8	8.7	8.9	9.0	9.0	9.1
17	Nondurable goods	26.0	21.0	20.9	20.8	20.0	21.4	22.1
18	Petroleum products	13.3	8.2	8.0	7.3	6.0	7.0	7.5
19	Ammunition	3.1	3.0	3.0	3.3	3.6	3.7	3.7
20	Other nondurable goods	9.6	9.9	9.9	10.1	10.4	10.8	10.9
21	Services	161.6	160.5	159.8	159.1	157.5	155.3	156.6
22	Installation support	37.8	35.3	34.6	35.0	35.8	36.5	36.7
23	Weapons support	28.2	28.8	28.4	28.8	29.7	29.2	29.1
24	Personnel support	81.2	83.2	83.8	82.6	79.7	77.2	78.0
25	Transportation of material	7.1	6.3	6.1	5.7	5.3	5.2	5.6
26	Travel of persons	7.3	6.9	6.8	6.9	7.0	7.1	7.2
27	Less: Own-account investment ⁴	22.7	22.7	22.7	22.7	22.7	22.9	23.2
28	Less: Sales to other sectors	3.9	3.7	3.7	3.5	3.4	3.3	3.3
29	Gross investment ⁵	145.8	141.3	140.1	145.2	144.3	143.5	144.8
30	Structures	5.3	4.3	3.8	4.6	4.0	3.5	3.4
31	Equipment	75.4	71.9	71.0	74.6	73.2	71.7	71.9
32	Aircraft	19.8	16.8	17.0	17.6	17.8	16.3	15.9
33	Missiles	6.6	6.6	5.8	7.8	5.2	5.9	5.8
34	Ships	13.2	13.6	13.5	13.7	14.5	13.7	14.3
35	Vehicles	2.9	2.4	2.4	2.4	2.4	2.4	2.3
36	Electronics	6.4	6.1	6.1	6.2	6.2	6.2	6.1
37	Other equipment	26.5	26.3	26.2	26.9	27.2	27.3	27.5
38	Intellectual property products	65.1	65.1	65.3	66.0	67.1	68.3	69.5
39	Software	7.9	8.0	8.0	8.0	8.1	8.2	8.3
40	Research and development	57.2	57.2	57.3	58.0	59.0	60.0	61.1

Legend / Footnotes:

1. National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development.

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

Table 3.11.6. Real National Defense Consumption Expenditures and Gross Investment by Type, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National defense consumption expenditures and gross investment	686.3	672.0	669.0	676.3	670.9	665.5	669.0
2	Consumption expenditures ¹	549.0	539.3	537.4	539.9	535.3	531.0	533.6
3	Gross output of general government	573.5	563.7	561.8	564.2	559.5	555.1	557.8
4	Value added	371.6	363.6	363.3	362.4	361.4	360.4	360.4
5	Compensation of general government employees	221.0	215.7	215.7	215.5	215.1	214.9	215.6
6	Military	141.4	136.3	136.2	135.7	135.6	135.4	135.8
7	Civilian	79.5	79.2	79.3	79.5	79.3	79.2	79.5
8	Consumption of general government fixed capital ²	150.6	148.0	147.6	147.0	146.3	145.6	144.9
9	Intermediate goods and services purchased ³	202.7	200.8	199.2	202.6	198.8	195.3	198.1
10	Durable goods	35.9	35.1	34.5	37.3	34.5	33.5	35.5
11	Aircraft	16.0	15.7	15.6	17.0	15.6	14.3	16.2
12	Missiles	3.3	3.4	3.0	4.1	2.9	3.2	3.4
13	Ships	1.5	1.6	1.6	1.6	1.6	1.6	1.7
14	Vehicles	1.3	1.3	1.2	1.2	1.0	0.9	0.9
15	Electronics	5.1	4.9	4.9	4.9	5.0	4.9	4.9
16	Other durable goods	8.6	8.3	8.3	8.4	8.5	8.5	8.5
17	Nondurable goods	19.0	19.2	19.1	20.1	20.9	21.4	21.4
18	Petroleum products	7.9	8.0	7.8	8.3	8.5	8.5	8.5
19	Ammunition	2.8	2.7	2.8	3.1	3.3	3.5	3.4
20	Other nondurable goods	8.7	8.9	8.9	9.2	9.5	9.7	9.8
21	Services	147.5	146.2	145.3	145.0	143.2	140.3	141.1
22	Installation support	33.7	32.1	31.3	32.1	32.8	33.1	33.0
23	Weapons support	25.8	25.9	25.6	25.9	26.6	26.0	25.9
24	Personnel support	75.8	76.8	77.1	75.9	72.9	70.2	70.8
25	Transportation of material	6.2	5.6	5.5	5.2	4.8	4.8	5.1
26	Travel of persons	6.4	6.2	6.2	6.3	6.4	6.5	6.7
27	Less: Own-account investment ⁴	20.9	21.0	21.1	21.2	21.2	21.2	21.3
28	Less: Sales to other sectors	3.6	3.4	3.3	3.2	3.1	3.0	2.9
29	Gross investment ⁵	137.0	132.4	131.3	136.1	135.3	134.3	135.2
30	Structures	4.7	3.8	3.3	4.0	3.5	3.0	2.9
31	Equipment	73.1	70.0	69.3	72.8	71.7	70.3	70.5
32	Aircraft	20.1	17.7	18.0	18.7	18.9	17.5	16.9
33	Missiles	6.2	6.3	5.6	7.4	5.0	5.6	5.5
34	Ships	12.0	12.3	12.2	12.4	13.1	12.4	13.0
35	Vehicles	2.8	2.1	2.1	2.1	2.1	2.1	2.1
36	Electronics	6.5	6.4	6.3	6.4	6.5	6.5	6.5
37	Other equipment	25.2	24.9	24.7	25.3	25.6	25.7	25.9
38	Intellectual property products	59.3	58.6	58.6	59.4	60.2	61.0	61.8
39	Software	7.9	8.0	8.0	8.0	8.2	8.3	8.4
40	Research and development	51.6	50.8	50.8	51.5	52.2	52.8	53.5
41	Residual	-0.6	-0.4	-0.4	-0.7	-0.6	-0.4	-0.4

Legend / Footnotes:

1. National defense consumption expenditures are defense services produced by government that are valued at their cost of production. Excludes government sales to other sectors and government own-account investment (construction, software, and research and development).

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

3. Includes general government intermediate inputs for goods and services sold to other sectors and for own-account investment.

4. Own-account investment is measured in current dollars by compensation of general government employees and related expenditures for goods and services and is classified as investment in structures, software, and research and development.

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

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 4.1. Foreign Transactions in the National Income and Product Accounts

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Current receipts from the rest of the world	3,372.9	3,211.2	3,204.8	3,142.8	3,118.4	3,193.2	---
2	Exports of goods and services	2,375.3	2,264.3	2,259.1	2,211.7	2,179.0	2,209.7	2,276.1
3	Goods ¹	1,618.1	1,498.4	1,495.6	1,448.3	1,410.9	1,437.2	1,495.6
4	Durable	994.9	955.9	952.9	936.4	918.6	921.0	926.2
5	Nondurable	623.2	542.5	542.7	512.0	492.2	516.2	569.4
6	Services ¹	757.2	765.9	763.5	763.4	768.1	772.5	780.5
7	Income receipts	852.1	813.1	817.2	798.5	807.0	848.3	---
8	Wage and salary receipts	6.7	7.1	7.1	7.1	7.2	7.2	---
9	Income receipts on assets	845.4	806.1	810.1	791.4	799.8	841.1	---
10	Interest	153.7	154.4	154.5	155.7	155.5	159.3	---
11	Dividends	323.7	313.5	327.6	305.5	316.1	328.5	---
12	Reinvested earnings on U.S. direct investment abroad	368.0	338.3	328.0	330.1	328.2	353.3	---
13	Current taxes, contributions for government social insurance, and transfer receipts from the rest of the world ²	145.5	133.7	128.5	132.6	132.4	135.1	134.8
14	To persons	100.1	98.2	97.3	97.9	97.3	104.8	101.4
15	To business	1.7	1.3	1.2	3.3	2.5	2.2	2.2
16	To government	43.8	34.2	30.0	31.4	32.6	28.1	31.2
17	Current payments to the rest of the world	3,774.6	3,688.6	3,711.2	3,614.1	3,630.9	3,643.2	---
18	Imports of goods and services	2,884.1	2,786.3	2,782.5	2,732.6	2,686.3	2,702.2	2,734.8
19	Goods ¹	2,396.5	2,291.1	2,284.1	2,235.0	2,185.7	2,199.4	2,222.6
20	Durable	1,454.2	1,491.4	1,488.3	1,481.6	1,452.7	1,450.3	1,461.6
21	Nondurable	942.2	799.6	795.8	753.4	733.0	749.2	760.9
22	Services ¹	487.6	495.2	498.4	497.7	500.7	502.7	512.2
23	Income payments	604.0	607.4	626.6	587.1	634.5	640.5	---
24	Wage and salary payments	16.9	18.1	18.4	18.6	19.3	19.6	---
25	Income payments on assets	587.1	589.4	608.2	568.5	615.2	620.8	---
26	Interest	306.4	323.4	327.2	329.4	340.5	346.6	---
27	Dividends	183.1	183.1	188.6	180.0	190.8	175.4	---
28	Reinvested earnings on foreign direct investment in the United States	97.6	82.9	92.5	59.2	83.9	98.9	---
29	Current taxes and transfer payments to the rest of the world ²	286.5	294.9	302.1	294.3	310.1	300.6	307.2
30	From persons	183.6	183.6	183.5	184.1	185.1	185.4	185.5
31	From government	71.9	72.4	76.0	68.3	80.3	68.5	73.1
32	From business	31.1	38.9	42.6	41.9	44.8	46.7	48.5
33	Balance on current account, NIPAs	-401.7	-477.4	-506.4	-471.3	-512.5	-450.1	---
34	Addenda:							
34	Net lending or net borrowing (-), NIPAs	-402.2	-477.9	-506.8	-471.7	-512.9	-450.2	---
35	Balance on current account, NIPAs	-401.7	-477.4	-506.4	-471.3	-512.5	-450.1	---
36	Less: Capital account transactions (net) ³	0.5	0.5	0.4	0.4	0.4	0.2	---

Legend / Footnotes:

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

2. Prior to 1999, current taxes, contributions for government social insurance, and transfer receipts from the rest of the world (line 13) are not separately displayed, and line 29 includes current taxes and transfer payments to the rest of the world net of current taxes, contributions for government social insurance, and transfer receipts from the rest of the world.

3. Consists of capital transfers and the acquisition and disposal of nonproduced nonfinancial assets. Prior to 1982, reflects only capital grants paid to the U.S. territories and the Commonwealths of Puerto Rico and Northern Mariana Islands.

Table 4.2.1. Percent Change From Preceding Period in Real Exports and in Real Imports of Goods and Services by Type of Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Exports of goods and services	4.3	0.1	-2.8	-2.7	-0.7	1.8	10.0
2	Exports of goods ¹	4.4	-0.6	-3.1	-4.6	0.1	1.7	14.5
3	Foods, feeds, and beverages	8.0	1.9	-1.5	-15.5	-10.3	21.1	213.0
4	Industrial supplies and materials	3.5	-0.2	-6.5	-7.3	16.5	0.6	6.7
5	Durable goods	4.4	-4.4	-8.6	-8.7	-1.1	-0.9	20.8
6	Nondurable goods	3.1	1.5	-5.7	-6.7	25.4	1.3	1.0
7	Petroleum and products	8.0	4.8	-9.8	3.3	78.4	17.8	-27.7
8	Nondurable goods, excluding petroleum and products	-0.6	-0.7	-2.9	-12.1	3.4	-7.2	24.1
9	Capital goods, except automotive	3.1	-2.2	-6.2	-2.7	-8.4	-0.9	-0.4
10	Civilian aircraft, engines, and parts	4.4	2.8	-13.7	15.6	-21.2	29.3	-10.9
11	Computers, peripherals, and parts	2.6	0.9	12.3	-1.1	21.5	-3.8	-10.8
12	Other	2.8	-4.1	-5.8	-8.2	-7.3	-9.0	5.0
13	Automotive vehicles, engines, and parts	4.1	-4.8	6.9	-8.7	-0.1	2.5	4.5
14	Consumer goods, except food and automotive	6.6	1.8	3.6	3.3	-0.2	-8.1	9.5
15	Durable goods	6.5	-3.1	1.0	-6.1	-1.1	-1.1	7.0
16	Nondurable goods	6.8	8.0	6.7	15.2	0.8	-15.4	12.4
17	Other ²	10.8	8.0	1.2	5.6	4.9	25.9	-18.1
18	Exports of services ¹	3.9	1.6	-2.3	1.0	-2.2	1.9	2.1
19	Transport	3.1	2.2	-1.4	1.7	-4.1	4.4	-0.8
20	Travel (for all purposes including education)	5.7	7.8	1.3	-1.9	12.6	-0.5	11.9
21	Charges for the use of intellectual property n.e.c.	-0.3	-4.4	-4.4	-6.8	-4.9	-6.1	-3.7
22	Other business services ³	6.0	0.2	-5.3	9.2	-7.2	3.2	-1.7
23	Government goods and services n.e.c.	-13.4	1.2	20.9	-36.1	-16.7	66.2	11.3
24	Other	6.5	3.2	-0.3	1.5	-27.9	1.9	4.7
25	Imports of goods and services	4.4	4.6	1.1	0.7	-0.6	0.2	2.3
26	Imports of goods ¹	4.8	4.9	-0.1	0.7	-1.3	0.0	0.9
27	Foods, feeds, and beverages	5.2	4.0	-4.4	1.9	18.5	-6.9	-7.6
28	Industrial supplies and materials	1.0	1.7	2.9	-2.3	6.3	6.2	6.2
29	Durable goods	12.6	3.3	4.8	-5.3	-2.0	0.5	14.6
30	Nondurable goods	-2.3	1.1	1.7	-0.9	11.1	9.5	1.9
31	Petroleum and products	-3.9	2.0	6.8	-1.5	15.7	5.5	12.1
32	Nondurable goods, excluding petroleum and products	1.8	-0.5	-5.8	-0.2	5.7	14.4	-9.9
33	Capital goods, except automotive	7.9	2.9	-5.0	0.5	-8.9	11.4	0.7
34	Civilian aircraft, engines, and parts	11.8	2.3	-12.0	0.3	-37.2	59.9	-34.3
35	Computers, peripherals, and parts	1.3	1.1	18.4	-19.3	-6.0	6.3	7.0
36	Other	9.5	3.5	-9.8	6.9	-5.4	7.9	4.4
37	Automotive vehicles, engines, and parts	7.1	8.4	1.8	2.2	0.5	-10.0	3.9
38	Consumer goods, except food and automotive	4.5	7.7	2.1	-1.6	-5.5	-5.1	-0.9
39	Durable goods	5.3	7.0	13.1	1.0	-8.3	-11.4	3.1
40	Nondurable goods	3.5	8.6	-8.8	-4.4	-2.2	2.3	-5.0
41	Other	6.6	9.2	0.7	21.4	7.8	-8.5	-6.5
42	Imports of services ¹	2.6	2.9	6.9	0.7	2.5	1.1	8.8
43	Transport	0.2	4.6	10.1	0.7	13.4	5.7	6.0
44	Travel (for all purposes including education)	6.2	9.6	4.7	15.2	14.0	1.2	13.5
45	Charges for the use of intellectual property n.e.c.	6.8	-6.8	-1.2	12.4	-4.8	-6.2	62.1
46	Other business services ³	2.3	1.1	9.4	-6.6	-4.9	2.7	1.3
47	Government goods and services n.e.c.	-5.8	-0.4	-3.9	-13.8	-12.2	-21.3	-8.7
48	Other	2.3	4.1	2.7	2.0	5.6	1.9	2.4
Addenda:								
49	Exports of durable goods	4.0	-2.7	-3.5	-4.6	-4.9	0.5	3.0
50	Exports of nondurable goods	5.1	2.9	-2.3	-4.7	10.1	3.9	37.1

Table 4.2.1. Percent Change From Preceding Period in Real Exports and in Real Imports of Goods and Services by Type of Product

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
51	Exports of agricultural goods ⁴	6.9	1.8	-2.3	-21.1	-9.2	20.5	222.6
52	Exports of nonagricultural goods	4.2	-0.9	-3.1	-2.8	1.0	0.0	1.5
53	Imports of durable goods	7.6	5.3	1.5	1.2	-5.2	-1.0	3.0
54	Imports of nondurable goods	0.7	4.4	-3.1	-0.1	6.8	2.2	-3.1
55	Imports of nonpetroleum goods	6.5	5.3	-0.8	0.9	-2.4	-0.3	0.1

Legend / Footnotes:

n.e.c. Not elsewhere classified

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

2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services and other other business services.

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

Table 4.2.2. Contributions to Percent Change in Real Exports and Real Imports of Goods and Services by Type of Product

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	Exports of goods and services	4.3	0.1	-2.8	-2.7	-0.7	1.8	10.0
	Percentage points at annual rates:							
2	Exports of goods ¹	3.04	-0.43	-2.04	-3.08	0.06	1.10	9.26
3	Foods, feeds, and beverages	0.47	0.11	-0.07	-0.93	-0.58	1.05	7.54
4	Industrial supplies and materials	0.74	-0.05	-1.25	-1.34	2.62	0.11	1.23
5	Durable goods	0.26	-0.26	-0.50	-0.49	-0.06	-0.05	1.05
6	Nondurable goods	0.48	0.21	-0.76	-0.85	2.68	0.16	0.19
7	Petroleum and products	0.54	0.27	-0.52	0.15	2.43	0.72	-1.50
8	Nondurable goods, excluding petroleum and products	-0.06	-0.06	-0.24	-1.00	0.25	-0.56	1.68
9	Capital goods, except automotive	0.73	-0.52	-1.50	-0.65	-2.10	-0.21	-0.03
10	Civilian aircraft, engines, and parts	0.21	0.14	-0.76	0.77	-1.28	1.39	-0.62
11	Computers, peripherals, and parts	0.06	0.02	0.24	-0.02	0.42	-0.08	-0.22
12	Other	0.46	-0.68	-0.98	-1.39	-1.23	-1.52	0.81
13	Automotive vehicles, engines, and parts	0.27	-0.33	0.45	-0.62	-0.01	0.17	0.32
14	Consumer goods, except food and automotive	0.54	0.15	0.31	0.29	-0.02	-0.74	0.81
15	Durable goods	0.30	-0.15	0.05	-0.29	-0.05	-0.05	0.33
16	Nondurable goods	0.25	0.30	0.26	0.58	0.03	-0.68	0.48
17	Other ²	0.28	0.21	0.04	0.16	0.14	0.71	-0.61
18	Exports of services ¹	1.23	0.54	-0.77	0.35	-0.79	0.68	0.78
19	Transport	0.12	0.08	-0.05	0.07	-0.16	0.17	-0.03
20	Travel (for all purposes including education)	0.45	0.64	0.12	-0.17	1.13	-0.04	1.11
21	Charges for the use of intellectual property n.e.c.	-0.01	-0.25	-0.25	-0.39	-0.28	-0.35	-0.20
22	Other business services ³	0.77	0.03	-0.74	1.22	-1.07	0.46	-0.23
23	Government goods and services n.e.c.	-0.13	0.01	0.16	-0.38	-0.15	0.43	0.10
24	Other	0.04	0.02	0.00	0.01	-0.25	0.01	0.04
	Percent change at annual rate:							
25	Imports of goods and services	4.4	4.6	1.1	0.7	-0.6	0.2	2.3
	Percentage points at annual rates:							
26	Imports of goods ¹	3.97	4.08	-0.11	0.59	-1.08	0.03	0.76
27	Foods, feeds, and beverages	0.22	0.18	-0.20	0.09	0.81	-0.35	-0.38
28	Industrial supplies and materials	0.25	0.36	0.47	-0.40	0.95	0.93	0.97
29	Durable goods	0.69	0.19	0.27	-0.30	-0.11	0.03	0.77
30	Nondurable goods	-0.44	0.17	0.20	-0.10	1.06	0.90	0.20
31	Petroleum and products	-0.53	0.19	0.47	-0.10	0.81	0.29	0.68
32	Nondurable goods, excluding petroleum and products	0.09	-0.02	-0.27	0.00	0.25	0.61	-0.48
33	Capital goods, except automotive	1.59	0.63	-1.09	0.10	-2.02	2.36	0.17
34	Civilian aircraft, engines, and parts	0.20	0.05	-0.25	0.01	-0.89	0.91	-0.81
35	Computers, peripherals, and parts	0.06	0.05	0.74	-0.93	-0.26	0.26	0.29
36	Other	1.33	0.53	-1.58	1.03	-0.87	1.19	0.69
37	Automotive vehicles, engines, and parts	0.79	0.99	0.24	0.29	0.07	-1.37	0.50
38	Consumer goods, except food and automotive	0.86	1.55	0.44	-0.34	-1.22	-1.13	-0.19
39	Durable goods	0.55	0.75	1.38	0.11	-0.99	-1.37	0.34
40	Nondurable goods	0.31	0.80	-0.94	-0.45	-0.23	0.24	-0.53
41	Other	0.25	0.37	0.03	0.86	0.35	-0.41	-0.31
42	Imports of services ¹	0.45	0.51	1.18	0.13	0.46	0.20	1.59
43	Transport	0.01	0.16	0.33	0.03	0.45	0.20	0.21
44	Travel (for all purposes including education)	0.22	0.36	0.18	0.59	0.57	0.05	0.57
45	Charges for the use of intellectual property n.e.c.	0.10	-0.10	-0.02	0.17	-0.07	-0.10	0.76
46	Other business services ³	0.17	0.09	0.71	-0.54	-0.40	0.21	0.11
47	Government goods and services n.e.c.	-0.05	0.00	-0.03	-0.11	-0.10	-0.18	-0.06
48	Other	0.01	0.01	0.01	0.00	0.01	0.00	0.01

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Exports and imports of certain goods, primarily military equipment purchased and sold by the federal government, are included in services.

2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services and other other business services.

Table 4.2.3. Real Exports and Imports of Goods and Services by Type of Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Exports of goods and services	133.414	133.560	133.550	132.629	132.389	132.974	136.194
2	Exports of goods ¹	135.879	135.016	135.265	133.673	133.705	134.268	138.882
3	Foods, feeds, and beverages	120.026	122.278	124.732	119.588	116.396	122.098	162.402
4	Industrial supplies and materials	135.038	134.703	134.640	132.111	137.247	137.465	139.713
5	Durable goods	127.286	121.660	120.552	117.828	117.496	117.235	122.909
6	Nondurable goods	138.347	140.445	140.874	138.448	146.515	146.996	147.376
7	Petroleum and products	170.683	178.911	178.568	180.004	208.041	216.725	199.850
8	Nondurable goods, excluding petroleum and products	120.041	119.160	119.870	116.082	117.056	114.901	121.273
9	Capital goods, except automotive	137.557	134.543	133.754	132.845	129.958	129.671	129.540
10	Civilian aircraft, engines, and parts	131.633	135.370	131.900	136.766	128.852	137.395	133.501
11	Computers, peripherals, and parts	144.498	145.806	148.883	148.464	155.859	154.349	150.018
12	Other	137.857	132.273	131.888	129.108	126.699	123.740	125.259
13	Automotive vehicles, engines, and parts	185.870	176.876	179.817	175.759	175.724	176.805	178.756
14	Consumer goods, except food and automotive	130.660	132.999	132.188	133.279	133.206	130.423	133.419
15	Durable goods	146.533	141.990	141.443	139.228	138.831	138.441	140.814
16	Nondurable goods	115.055	124.281	123.204	127.645	127.904	122.664	126.297
17	Other ²	102.816	110.997	114.887	116.455	117.854	124.850	118.772
18	Exports of services ¹	128.362	130.477	129.987	130.323	129.589	130.213	130.903
19	Transport	118.623	121.232	121.643	122.164	120.893	122.199	121.946
20	Travel (for all purposes including education)	139.011	149.848	151.316	150.609	155.128	154.949	159.368
21	Charges for the use of intellectual property n.e.c.	120.917	115.540	115.628	113.609	112.203	110.438	109.388
22	Other business services ³	133.708	134.020	131.296	134.207	131.711	132.760	132.186
23	Government goods and services n.e.c.	90.745	91.812	97.210	86.904	83.013	94.259	96.823
24	Other	103.277	106.582	106.417	106.823	98.431	98.897	100.048
25	Imports of goods and services	128.279	134.155	134.510	134.752	134.544	134.620	135.403
26	Imports of goods ¹	131.474	137.970	138.176	138.427	137.970	137.981	138.297
27	Foods, feeds, and beverages	118.280	122.989	122.791	123.356	128.695	126.407	123.947
28	Industrial supplies and materials	100.431	102.175	102.442	101.845	103.411	104.984	106.575
29	Durable goods	151.432	156.386	156.514	154.391	153.606	153.811	159.158
30	Nondurable goods	89.761	90.749	91.008	90.801	93.218	95.354	95.807
31	Petroleum and products	80.891	82.494	83.380	83.063	86.155	87.310	89.849
32	Nondurable goods, excluding petroleum and products	121.022	120.427	119.239	119.183	120.845	124.992	121.782
33	Capital goods, except automotive	164.661	169.472	168.521	168.711	164.841	169.340	169.655
34	Civilian aircraft, engines, and parts	147.333	150.765	149.431	149.558	133.157	149.733	134.809
35	Computers, peripherals, and parts	143.205	144.812	149.851	142.019	139.851	141.998	144.422
36	Other	173.875	179.984	177.027	179.993	177.499	180.899	182.876
37	Automotive vehicles, engines, and parts	197.647	214.258	217.019	218.223	218.514	212.817	214.887
38	Consumer goods, except food and automotive	125.790	135.491	136.220	135.679	133.791	132.064	131.757
39	Durable goods	136.231	145.715	147.025	147.378	144.233	139.923	140.988
40	Nondurable goods	114.863	124.712	124.888	123.502	122.815	123.519	121.934
41	Other	129.891	141.806	139.669	146.593	149.363	146.094	143.643
42	Imports of services ¹	114.896	118.215	119.159	119.374	120.121	120.441	123.014
43	Transport	119.159	124.671	125.693	125.928	129.937	131.739	133.674
44	Travel (for all purposes including education)	119.446	130.896	130.856	135.555	140.071	140.498	145.027
45	Charges for the use of intellectual property n.e.c.	123.549	115.095	114.844	118.249	116.798	114.934	129.681
46	Other business services ³	117.518	118.832	120.570	118.521	117.048	117.817	118.199
47	Government goods and services n.e.c.	74.036	73.733	74.028	71.322	69.030	65.011	63.545
48	Other	92.383	96.198	96.504	96.987	98.322	98.782	99.372
Addenda:								
49	Exports of durable goods	141.177	137.355	137.198	135.598	133.890	134.062	135.054
50	Exports of nondurable goods	127.508	131.247	132.155	130.569	133.743	135.023	146.094

Table 4.2.3. Real Exports and Imports of Goods and Services by Type of Product, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
51	Exports of agricultural goods ⁴	119.334	121.492	124.551	117.400	114.605	120.074	160.928
52	Exports of nonagricultural goods	137.735	136.519	136.449	135.476	135.823	135.831	136.328
53	Imports of durable goods	160.418	168.901	169.247	169.732	167.486	167.052	168.310
54	Imports of nondurable goods	100.890	105.295	105.316	105.278	107.023	107.594	106.762
55	Imports of nonpetroleum goods	146.331	154.141	154.215	154.554	153.599	153.468	153.503

Legend / Footnotes:

n.e.c. Not elsewhere classified

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

2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services and other other business services.

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

Table 4.2.4. Price Indexes for Exports and Imports of Goods and Services by Type of Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Exports of goods and services	112.134	106.778	106.548	105.039	103.669	104.671	105.267
2	Exports of goods ¹	111.804	104.196	103.820	101.739	99.084	100.513	101.119
3	Foods, feeds, and beverages	127.509	111.232	109.677	107.018	105.596	108.652	109.090
4	Industrial supplies and materials	126.228	105.476	104.747	98.967	91.597	95.517	97.808
5	Durable goods	115.218	108.249	107.076	104.807	102.974	103.904	104.562
6	Nondurable goods	131.566	104.756	104.226	96.975	87.363	92.453	95.398
7	Petroleum and products	157.360	101.693	101.567	88.513	69.874	80.156	85.856
8	Nondurable goods, excluding petroleum and products	120.082	110.686	109.820	106.138	102.789	103.800	104.676
9	Capital goods, except automotive	102.449	102.462	102.371	102.102	101.788	101.887	101.503
10	Civilian aircraft, engines, and parts	114.967	118.041	118.379	118.809	119.060	119.610	119.993
11	Computers, peripherals, and parts	89.551	85.163	84.110	83.094	80.837	79.602	78.464
12	Other	101.334	101.175	101.109	100.762	100.602	100.796	100.312
13	Automotive vehicles, engines, and parts	105.221	105.109	105.132	104.898	104.592	104.365	104.081
14	Consumer goods, except food and automotive	101.503	99.363	99.344	98.848	97.206	97.165	97.518
15	Durable goods	100.186	98.831	98.918	98.499	97.577	97.022	96.821
16	Nondurable goods	102.734	99.640	99.490	98.906	96.472	97.009	97.994
17	Other ²	113.712	105.702	105.359	103.150	100.439	102.055	102.775
18	Exports of services ¹	112.868	112.317	112.395	112.086	113.410	113.515	114.088
19	Transport	122.948	115.688	113.920	113.662	113.583	109.979	109.005
20	Travel (for all purposes including education)	114.787	113.832	114.012	114.232	113.974	114.270	114.622
21	Charges for the use of intellectual property n.e.c.	109.161	109.645	109.865	109.982	110.060	110.650	111.091
22	Other business services ³	110.293	111.156	111.562	110.591	113.322	113.937	115.093
23	Government goods and services n.e.c.	106.615	104.544	104.629	104.926	105.182	106.216	106.544
24	Other	127.965	133.963	135.059	137.044	151.891	154.904	156.846
25	Imports of goods and services	113.368	104.726	104.304	102.252	100.675	101.211	101.839
26	Imports of goods ¹	114.619	104.417	103.940	101.524	99.613	100.233	101.055
27	Foods, feeds, and beverages	129.383	126.371	126.086	123.564	123.113	123.142	127.354
28	Industrial supplies and materials	143.651	102.783	101.322	91.921	84.005	87.234	90.788
29	Durable goods	116.993	106.650	104.577	101.338	99.040	101.115	103.793
30	Nondurable goods	151.238	98.102	96.990	85.151	75.038	78.652	82.468
31	Petroleum and products	163.293	89.333	87.731	72.468	59.706	65.345	69.419
32	Nondurable goods, excluding petroleum and products	120.185	107.623	107.653	102.972	98.486	98.067	101.106
33	Capital goods, except automotive	97.200	95.711	95.416	94.783	94.381	94.147	93.724
34	Civilian aircraft, engines, and parts	117.849	119.279	119.424	119.484	119.700	120.036	119.828
35	Computers, peripherals, and parts	90.451	88.172	87.550	86.902	86.095	85.982	85.274
36	Other	97.720	96.163	95.920	95.217	94.873	94.547	94.187
37	Automotive vehicles, engines, and parts	104.726	102.633	102.501	102.240	101.693	102.000	101.783
38	Consumer goods, except food and automotive	103.326	102.426	102.298	102.264	102.423	102.090	101.890
39	Durable goods	97.998	95.979	95.754	95.497	95.074	94.623	94.460
40	Nondurable goods	109.778	110.330	110.321	110.578	111.492	111.308	111.064
41	Other	108.641	106.931	106.806	106.033	105.772	106.003	106.676
42	Imports of services ¹	108.018	106.628	106.466	106.111	106.087	106.239	105.975
43	Transport	123.214	121.381	120.672	118.745	116.292	115.310	113.664
44	Travel (for all purposes including education)	108.508	105.908	105.908	105.941	105.081	105.523	104.860
45	Charges for the use of intellectual property n.e.c.	109.158	109.644	109.857	109.974	110.052	110.642	111.082
46	Other business services ³	102.561	102.649	102.506	102.493	103.841	103.996	104.328
47	Government goods and services n.e.c.	104.052	92.752	92.890	92.267	92.492	94.819	95.009
48	Other	112.806	112.358	112.403	112.108	111.250	111.396	111.399
Addenda:								
49	Exports of durable goods	104.923	103.614	103.416	102.818	102.159	102.290	102.116
50	Exports of nondurable goods	124.219	105.058	104.374	99.673	93.555	97.188	99.067

Table 4.2.4. Price Indexes for Exports and Imports of Goods and Services by Type of Product

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
51	Exports of agricultural goods ⁴	127.994	111.570	110.197	107.102	105.682	108.469	109.033
52	Exports of nonagricultural goods	110.235	103.442	103.161	101.176	98.413	99.718	100.321
53	Imports of durable goods	101.427	98.797	98.384	97.658	97.039	97.128	97.159
54	Imports of nondurable goods	134.083	109.029	108.477	102.742	98.325	99.967	102.325
55	Imports of nonpetroleum goods	105.555	102.704	102.382	101.452	100.809	100.834	101.248

Legend / Footnotes:*n.e.c. Not elsewhere classified*

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

2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services and other other business services.

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

Table 4.2.5. Exports and Imports of Goods and Services by Type of Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Exports of goods and services	2,375.3	2,264.3	2,259.1	2,211.7	2,179.0	2,209.7	2,276.1
2	Exports of goods ¹	1,618.1	1,498.4	1,495.6	1,448.3	1,410.9	1,437.2	1,495.6
3	Foods, feeds, and beverages	143.7	127.7	128.5	120.2	115.4	124.6	166.4
4	Industrial supplies and materials	500.4	417.1	413.7	383.5	368.7	385.1	400.8
5	Durable goods	140.7	126.4	123.8	118.4	116.0	116.8	123.3
6	Nondurable goods	359.6	290.7	289.9	265.1	252.7	268.3	277.6
7	Petroleum and products	161.5	109.4	109.0	95.8	87.4	104.5	103.2
8	Nondurable goods, excluding petroleum and products	198.1	181.3	180.9	169.3	165.3	163.8	174.4
9	Capital goods, except automotive	551.7	539.7	536.0	531.0	517.9	517.2	514.8
10	Civilian aircraft, engines, and parts	113.1	119.5	116.7	121.5	114.7	122.9	119.8
11	Computers, peripherals, and parts	48.8	46.8	47.3	46.6	47.5	46.4	44.4
12	Other	389.8	373.4	372.1	363.0	355.6	348.0	350.6
13	Automotive vehicles, engines, and parts	159.8	151.9	154.5	150.7	150.2	150.8	152.0
14	Consumer goods, except food and automotive	198.0	197.3	196.0	196.7	193.3	189.2	194.2
15	Durable goods	110.5	105.6	105.3	103.2	102.0	101.1	102.6
16	Nondurable goods	87.5	91.6	90.7	93.4	91.3	88.1	91.6
17	Other ²	64.5	64.7	66.8	66.3	65.3	70.3	67.4
18	Exports of services ¹	757.2	765.9	763.5	763.4	768.1	772.5	780.5
19	Transport	90.7	87.2	86.2	86.4	85.4	83.6	82.7
20	Travel (for all purposes including education)	191.3	204.5	206.8	206.3	212.0	212.3	219.0
21	Charges for the use of intellectual property n.e.c.	129.9	124.7	125.0	123.0	121.5	120.3	119.6
22	Other business services ³	311.0	314.2	308.9	313.0	314.8	319.0	320.9
23	Government goods and services n.e.c.	19.2	19.0	20.2	18.1	17.3	19.9	20.5
24	Other	15.1	16.3	16.4	16.7	17.0	17.5	17.9
25	Imports of goods and services	2,884.1	2,786.3	2,782.5	2,732.6	2,686.3	2,702.2	2,734.8
26	Imports of goods ¹	2,396.5	2,291.1	2,284.1	2,235.0	2,185.7	2,199.4	2,222.6
27	Foods, feeds, and beverages	126.8	128.8	128.3	126.3	131.3	129.0	130.8
28	Industrial supplies and materials	669.9	487.7	481.9	434.6	403.3	425.1	449.1
29	Durable goods	169.2	159.3	156.2	149.3	145.2	148.5	157.7
30	Nondurable goods	500.7	328.4	325.6	285.2	258.0	276.7	291.5
31	Petroleum and products	353.6	197.3	195.8	161.1	137.7	152.7	167.0
32	Nondurable goods, excluding petroleum and products	147.1	131.1	129.8	124.1	120.3	123.9	124.5
33	Capital goods, except automotive	598.7	606.7	601.4	598.1	581.9	596.3	594.8
34	Civilian aircraft, engines, and parts	53.3	55.2	54.8	54.8	48.9	55.1	49.6
35	Computers, peripherals, and parts	122.0	120.2	123.6	116.2	113.4	115.0	116.0
36	Other	423.4	431.3	423.1	427.1	419.6	426.2	429.2
37	Automotive vehicles, engines, and parts	329.5	350.1	354.1	355.2	353.8	345.6	348.2
38	Consumer goods, except food and automotive	558.7	596.5	599.0	596.4	589.0	579.5	577.1
39	Durable goods	300.4	314.7	316.8	316.7	308.6	297.9	299.7
40	Nondurable goods	258.3	281.8	282.2	279.7	280.5	281.6	277.4
41	Other	112.9	121.3	119.3	124.3	126.4	123.9	122.6
42	Imports of services ¹	487.6	495.2	498.4	497.7	500.7	502.7	512.2
43	Transport	94.2	97.1	97.3	95.9	96.9	97.4	97.5
44	Travel (for all purposes including education)	105.5	112.9	112.8	116.9	119.8	120.7	123.8
45	Charges for the use of intellectual property n.e.c.	42.2	39.5	39.5	40.7	40.2	39.8	45.1
46	Other business services ³	215.1	217.7	220.6	216.8	216.9	218.7	220.1
47	Government goods and services n.e.c.	24.2	21.5	21.6	20.7	20.1	19.4	19.0
48	Other	6.3	6.6	6.6	6.6	6.7	6.7	6.7
Addenda:								
49	Exports of durable goods	994.9	955.9	952.9	936.4	918.6	921.0	926.2
50	Exports of nondurable goods	623.2	542.5	542.7	512.0	492.2	516.2	569.4

Table 4.2.5. Exports and Imports of Goods and Services by Type of Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
51	Exports of agricultural goods ⁴	154.2	136.9	138.6	127.0	122.3	131.5	177.2
52	Exports of nonagricultural goods	1,463.9	1,361.5	1,357.0	1,321.4	1,288.6	1,305.7	1,318.4
53	Imports of durable goods	1,454.2	1,491.4	1,488.3	1,481.6	1,452.7	1,450.3	1,461.6
54	Imports of nondurable goods	942.2	799.6	795.8	753.4	733.0	749.2	760.9
55	Imports of nonpetroleum goods	2,042.9	2,093.8	2,088.2	2,073.8	2,048.0	2,046.7	2,055.6

Legend / Footnotes:

n.e.c. Not elsewhere classified

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

2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services and other other business services.

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

Table 4.2.6. Real Exports and Imports of Goods and Services by Type of Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Exports of goods and services	2,118.3	2,120.6	2,120.4	2,105.8	2,102.0	2,111.3	2,162.4
2	Exports of goods ¹	1,447.3	1,438.1	1,440.7	1,423.8	1,424.1	1,430.1	1,479.3
3	Foods, feeds, and beverages	112.7	114.8	117.1	112.3	109.3	114.7	152.5
4	Industrial supplies and materials	396.4	395.4	395.2	387.8	402.9	403.5	410.1
5	Durable goods	122.2	116.8	115.7	113.1	112.8	112.5	118.0
6	Nondurable goods	273.3	277.5	278.3	273.5	289.5	290.4	291.2
7	Petroleum and products	102.6	107.6	107.4	108.2	125.1	130.3	120.2
8	Nondurable goods, excluding petroleum and products	165.0	163.8	164.8	159.5	160.9	157.9	166.7
9	Capital goods, except automotive	538.5	526.7	523.6	520.1	508.8	507.7	507.1
10	Civilian aircraft, engines, and parts	98.4	101.2	98.6	102.2	96.3	102.7	99.8
11	Computers, peripherals, and parts ²	54.5	55.0	56.2	56.0	58.8	58.2	56.6
12	Other	384.7	369.1	368.0	360.2	353.5	345.3	349.5
13	Automotive vehicles, engines, and parts	151.9	144.5	146.9	143.6	143.6	144.5	146.1
14	Consumer goods, except food and automotive	195.1	198.5	197.3	199.0	198.9	194.7	199.2
15	Durable goods	110.3	106.9	106.5	104.8	104.5	104.2	106.0
16	Nondurable goods	85.2	92.0	91.2	94.5	94.7	90.8	93.5
17	Other ³	56.7	61.2	63.4	64.2	65.0	68.9	65.5
18	Exports of services ¹	670.9	681.9	679.3	681.1	677.3	680.5	684.1
19	Transport	73.8	75.4	75.7	76.0	75.2	76.0	75.8
20	Travel (for all purposes including education)	166.7	179.7	181.4	180.6	186.0	185.8	191.1
21	Charges for the use of intellectual property n.e.c.	119.0	113.7	113.8	111.8	110.4	108.7	107.6
22	Other business services ⁴	282.0	282.6	276.9	283.0	277.8	280.0	278.8
23	Government goods and services n.e.c.	18.0	18.2	19.3	17.2	16.5	18.7	19.2
24	Other	11.8	12.1	12.1	12.2	11.2	11.3	11.4
25	Residual	-172.0	-170.3	-174.1	-165.1	-192.7	-186.8	-187.2
26	Imports of goods and services	2,544.0	2,660.5	2,667.6	2,672.4	2,668.2	2,669.7	2,685.3
27	Imports of goods ¹	2,090.8	2,194.1	2,197.4	2,201.4	2,194.1	2,194.3	2,199.3
28	Foods, feeds, and beverages	98.0	101.9	101.7	102.2	106.6	104.7	102.7
29	Industrial supplies and materials	466.4	474.5	475.7	472.9	480.2	487.5	494.9
30	Durable goods	144.6	149.4	149.5	147.4	146.7	146.9	152.0
31	Nondurable goods	331.1	334.7	335.7	334.9	343.8	351.7	353.4
32	Petroleum and products	216.6	220.8	223.2	222.4	230.6	233.7	240.5
33	Nondurable goods, excluding petroleum and products	122.4	121.8	120.6	120.5	122.2	126.4	123.2
34	Capital goods, except automotive	615.9	633.9	630.4	631.1	616.6	633.4	634.6
35	Civilian aircraft, engines, and parts	45.2	46.3	45.9	45.9	40.9	45.9	41.4
36	Computers, peripherals, and parts ²	134.9	136.4	141.1	133.7	131.7	133.7	136.0
37	Other	433.3	448.5	441.1	448.5	442.3	450.8	455.7
38	Automotive vehicles, engines, and parts	314.6	341.1	345.5	347.4	347.8	338.8	342.1
39	Consumer goods, except food and automotive	540.7	582.4	585.5	583.2	575.1	567.7	566.4
40	Durable goods	306.6	327.9	330.9	331.7	324.6	314.9	317.3
41	Nondurable goods	235.3	255.4	255.8	252.9	251.5	253.0	249.7
42	Other	103.9	113.4	111.7	117.3	119.5	116.9	114.9
43	Imports of services ¹	451.4	464.4	468.2	469.0	471.9	473.2	483.3
44	Transport	76.4	80.0	80.6	80.8	83.3	84.5	85.7
45	Travel (for all purposes including education)	97.3	106.6	106.5	110.4	114.0	114.4	118.1
46	Charges for the use of intellectual property n.e.c.	38.7	36.0	35.9	37.0	36.6	36.0	40.6
47	Other business services ⁴	209.8	212.1	215.2	211.5	208.9	210.3	211.0
48	Government goods and services n.e.c.	23.3	23.2	23.3	22.4	21.7	20.5	20.0
49	Other	5.6	5.9	5.9	5.9	6.0	6.0	6.0
50	Residual	-62.3	-66.1	-66.9	-65.6	-66.8	-67.6	-71.6
	Addenda:							

Table 4.2.6. Real Exports and Imports of Goods and Services by Type of Product, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
51	Exports of durable goods	948.2	922.5	921.5	910.7	899.3	900.4	907.1
52	Exports of nondurable goods	501.7	516.4	520.0	513.8	526.2	531.3	574.8
53	Exports of agricultural goods ⁵	120.5	122.7	125.8	118.6	115.7	121.3	162.5
54	Exports of nonagricultural goods	1,328.0	1,316.2	1,315.6	1,306.2	1,309.5	1,309.6	1,314.4
55	Imports of durable goods	1,433.8	1,509.6	1,512.7	1,517.0	1,497.0	1,493.1	1,504.3
56	Imports of nondurable goods	702.7	733.4	733.5	733.3	745.4	749.4	743.6
57	Imports of nonpetroleum goods	1,935.3	2,038.6	2,039.6	2,044.1	2,031.5	2,029.7	2,030.2

Legend / Footnotes:

n.e.c. Not elsewhere classified

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

2. The quantity index for computers can be used to accurately measure the real growth of this component. However, because computers exhibit rapid changes 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; accurate estimates of these contributions are shown in table 4.2.2 and real growth rates are shown in table 4.2.1.

3. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.

4. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services and other other business services.

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

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. For exports and for imports, the residual line is the difference between the aggregate line and the sum of the most detailed lines.

Table 5.1. Saving and Investment by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Gross saving	3,337.2	3,446.3	3,421.0	3,472.0	3,419.9	3,348.5	---
2	Net saving	592.0	615.5	576.8	609.2	546.3	446.8	---
3	Net private saving	1,374.8	1,346.5	1,387.1	1,263.4	1,388.2	1,316.6	---
4	Domestic business	648.7	562.9	588.6	436.6	542.7	523.1	---
5	Undistributed corporate profits	759.6	612.4	634.0	467.5	587.2	682.7	---
6	Inventory valuation adjustment, corporate	3.0	54.8	59.7	71.4	61.2	-53.5	---
7	Capital consumption adjustment, corporate	-113.9	-104.3	-105.2	-102.2	-105.7	-106.1	-102.0
8	Households and institutions	726.0	783.6	798.5	826.8	845.5	793.5	800.6
9	Personal saving	726.0	783.6	798.5	826.8	845.5	793.5	800.6
10	Net government saving	-782.7	-731.0	-810.3	-654.2	-841.9	-869.8	---
11	Federal	-612.9	-569.7	-622.3	-543.1	-668.3	-664.5	---
12	State and local	-169.8	-161.3	-187.9	-111.1	-173.6	-205.3	---
13	Consumption of fixed capital	2,745.2	2,830.8	2,844.2	2,862.8	2,873.6	2,901.8	2,921.9
14	Private	2,227.8	2,308.3	2,320.7	2,339.6	2,350.3	2,375.1	2,393.7
15	Domestic business	1,771.5	1,836.5	1,846.7	1,861.7	1,870.4	1,887.4	1,898.5
16	Households and institutions	456.3	471.8	474.0	477.9	479.9	487.7	495.2
17	Government	517.4	522.5	523.5	523.2	523.3	526.7	528.2
18	Federal	271.3	271.5	271.4	270.8	270.7	271.4	271.8
19	State and local	246.1	251.0	252.1	252.3	252.6	255.3	256.4
20	Gross domestic investment, capital account transactions, and net lending, NIPAs	3,079.3	3,192.6	3,184.9	3,207.1	3,155.6	3,155.9	---
21	Gross domestic investment	3,481.0	3,670.0	3,691.3	3,678.4	3,668.1	3,606.0	3,632.5
22	Gross private domestic investment	2,886.5	3,056.6	3,072.1	3,059.9	3,036.8	2,987.5	3,019.5
23	Domestic business	2,275.6	2,368.5	2,372.9	2,346.1	2,305.6	2,252.8	2,283.5
24	Households and institutions	610.8	688.1	699.2	713.8	731.2	734.7	736.0
25	Gross government investment	594.5	613.4	619.2	618.5	631.3	618.5	613.0
26	Federal	262.9	261.2	260.0	266.0	264.8	264.6	267.1
27	State and local	331.6	352.2	359.2	352.6	366.5	353.9	345.9
28	Capital account transactions (net) ¹	0.5	0.5	0.4	0.4	0.4	0.2	---
29	Private	6.7	39.9	9.5	12.3	12.4	45.4	---
30	Domestic business	5.1	26.7	-3.9	-2.2	-2.2	37.5	---
31	Households and institutions	1.6	13.3	13.4	14.5	14.6	8.0	---
32	Government	-6.2	-39.5	-9.0	-11.9	-12.0	-45.3	-13.7
33	Federal	55.7	20.6	53.7	48.0	52.2	19.3	---
34	State and local	-62.0	-60.1	-62.7	-59.9	-64.2	-64.5	---
35	Net lending or net borrowing (-), NIPAs	-402.2	-477.9	-506.8	-471.7	-512.9	-450.2	---
36	Private	451.4	304.5	390.1	266.0	425.0	466.2	---
37	Domestic business	-118.5	-249.5	-169.8	-310.4	-154.6	-72.4	---
38	Households and institutions	569.9	554.0	560.0	576.4	579.6	538.6	---
39	Government	-853.6	-782.4	-897.0	-737.6	-937.9	-916.4	---
40	Federal	-660.3	-580.1	-664.6	-586.2	-714.6	-676.9	---
41	State and local	-193.3	-202.3	-232.4	-151.5	-223.3	-239.4	---
42	Statistical discrepancy	-257.9	-253.7	-236.1	-264.8	-264.3	-192.6	---
Addenda:								
43	Gross private saving	3,602.5	3,654.8	3,707.8	3,602.9	3,738.5	3,691.7	---
44	Domestic business	2,420.3	2,399.4	2,435.2	2,298.3	2,413.1	2,410.4	---
45	Households and institutions	1,182.3	1,255.4	1,272.5	1,304.7	1,325.4	1,281.2	1,295.8
46	Gross government saving	-265.3	-208.5	-286.8	-131.0	-318.6	-343.1	---
47	Federal	-341.6	-298.2	-350.9	-272.2	-397.6	-393.0	---
48	State and local	76.3	89.7	64.1	141.2	79.0	49.9	---
49	Net domestic investment	735.8	839.3	847.1	815.6	794.5	704.2	710.6
50	Private	658.7	748.4	751.4	720.3	686.5	612.4	625.8

Table 5.1. Saving and Investment by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
51	Domestic business	504.1	532.1	526.2	484.4	435.2	365.4	385.0
52	Households and institutions	154.5	216.3	225.2	235.9	251.3	247.0	240.8
53	Government	77.1	90.9	95.7	95.3	108.0	91.8	84.8
54	Federal	-8.4	-10.2	-11.5	-4.9	-5.9	-6.8	-4.7
55	State and local	85.5	101.1	107.2	100.2	113.9	98.6	89.5
56	Gross saving as a percentage of gross national income	18.6	18.6	18.4	18.6	18.3	17.8	---
57	Net saving as a percentage of gross national income	3.3	3.3	3.1	3.3	2.9	2.4	---
58	Disaster losses ²	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	Private	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	Domestic business	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61	Households and institutions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62	Government	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63	Federal	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	State and local	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Legend / Footnotes:

1. Consists of capital transfers and the acquisition and disposal of nonproduced nonfinancial assets. Prior to 1982, reflects only capital grants paid to the U.S. territories and the Commonwealths of Puerto Rico and Northern Mariana Islands.

2. Consists of damages to fixed assets.

Table 5.3.1. Percent Change From Preceding Period in Real Private Fixed Investment by Type

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Private fixed investment	5.5	4.0	5.7	-0.2	-0.9	-1.1	-0.6
2	Nonresidential	6.0	2.1	3.9	-3.3	-3.4	1.0	1.2
3	Structures	10.3	-4.4	-4.3	-15.2	0.1	-2.1	5.4
4	Commercial and health care	12.9	10.1	9.5	5.8	22.6	12.6	25.8
5	Manufacturing	12.9	30.8	10.2	-17.2	-10.7	-8.5	8.1
6	Power and communication	15.1	-12.6	14.3	-4.8	0.6	6.8	-1.9
7	Mining exploration, shafts, and wells ¹	5.5	-31.2	-51.0	-53.6	-32.7	-57.4	-31.5
8	Other structures ²	7.1	10.6	15.6	-10.2	4.2	22.1	2.0
9	Equipment	5.4	3.5	9.1	-2.6	-9.5	-2.9	-2.7
10	Information processing equipment	2.6	3.9	25.9	1.2	-3.0	-4.9	10.2
11	Computers and peripheral equipment	0.8	-0.4	12.9	-26.0	4.6	11.7	0.8
12	Other ³	3.3	5.5	30.7	12.0	-5.2	-9.6	13.4
13	Industrial equipment	3.5	1.9	-4.9	10.4	-3.8	9.4	1.1
14	Transportation equipment	11.5	11.5	16.2	-6.2	-12.8	-5.4	-15.1
15	Other equipment ⁴	4.5	-4.1	-4.9	-13.6	-18.8	-8.5	-6.7
16	Intellectual property products	3.9	4.8	2.1	4.6	3.7	9.0	4.0
17	Software ⁵	6.0	6.4	-0.9	3.3	7.5	4.5	7.4
18	Research and development ⁶	2.8	3.5	4.4	6.3	1.2	17.0	1.6
19	Entertainment, literary, and artistic originals	-0.3	3.8	5.8	2.8	-1.3	-3.0	0.2
20	Residential	3.5	11.7	12.6	11.5	7.8	-7.7	-6.2
21	Structures	3.4	11.8	12.7	11.6	7.8	-7.9	-6.4
22	Permanent site	8.8	17.6	25.5	15.3	-1.2	-13.5	-10.3
23	Single family	5.5	17.5	24.9	13.9	-5.6	-17.1	-14.5
24	Multifamily	26.7	18.2	28.3	21.5	20.1	2.7	8.5
25	Other structures ⁷	-0.1	7.6	3.5	8.6	15.7	-3.2	-3.3
26	Equipment	7.4	7.0	4.8	4.9	9.6	3.6	6.1
Addenda:								
27	Private fixed investment in structures	6.7	4.0	4.8	-0.8	4.5	-5.5	-1.6
28	Private fixed investment in new structures	8.7	3.5	5.2	0.7	2.5	-7.4	-0.8
29	Nonresidential structures ⁸	10.2	-4.4	-4.4	-15.1	0.1	-2.2	5.3
30	Residential structures ⁹	7.0	13.0	16.0	18.6	4.7	-11.9	-6.1
31	Private fixed investment in information processing equipment and software	4.3	5.2	11.4	2.3	2.3	-0.1	8.7

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

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

6. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 17.

7. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures and adjoining land, and other ownership transfer costs.

8. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

9. Excludes net purchases of used structures and brokers' commissions and other ownership transfer costs.

Table 5.3.2. Contributions to Percent Change in Real Private Fixed Investment by Type

Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Percent change at annual rate:							
1	Private fixed investment	5.5	4.0	5.7	-0.2	-0.9	-1.1	-0.6
	Percentage points at annual rates:							
2	Nonresidential	4.81	1.65	3.07	-2.62	-2.68	0.75	0.88
3	Structures	1.84	-0.82	-0.72	-2.72	0.02	-0.34	0.86
4	Commercial and health care	0.54	0.46	0.45	0.28	1.04	0.63	1.28
5	Manufacturing	0.24	0.63	0.26	-0.49	-0.28	-0.21	0.19
6	Power and communication	0.57	-0.52	0.48	-0.17	0.02	0.23	-0.07
7	Mining exploration, shafts, and wells ¹	0.30	-1.67	-2.33	-2.03	-0.88	-1.60	-0.60
8	Other structures ²	0.18	0.28	0.43	-0.32	0.12	0.61	0.06
9	Equipment	2.03	1.31	3.27	-0.97	-3.59	-1.06	-0.98
10	Information processing equipment	0.29	0.42	2.46	0.13	-0.32	-0.53	1.03
11	Computers and peripheral equipment	0.02	-0.01	0.34	-0.79	0.11	0.28	0.02
12	Other ³	0.27	0.43	2.13	0.92	-0.44	-0.81	1.01
13	Industrial equipment	0.28	0.14	-0.36	0.73	-0.29	0.68	0.08
14	Transportation equipment	1.05	1.11	1.59	-0.68	-1.40	-0.55	-1.59
15	Other equipment ⁴	0.40	-0.37	-0.41	-1.16	-1.59	-0.65	-0.50
16	Intellectual property products	0.95	1.16	0.52	1.08	0.90	2.14	1.00
17	Software ⁵	0.66	0.70	-0.10	0.36	0.81	0.50	0.81
18	Research and development ⁶	0.30	0.36	0.46	0.65	0.13	1.73	0.18
19	Entertainment, literary, and artistic originals	-0.01	0.10	0.15	0.07	-0.04	-0.08	0.00
20	Residential	0.71	2.38	2.63	2.44	1.74	-1.88	-1.49
21	Structures	0.68	2.36	2.62	2.43	1.71	-1.89	-1.51
22	Permanent site	0.69	1.48	2.20	1.42	-0.12	-1.48	-1.08
23	Single family	0.37	1.21	1.76	1.07	-0.48	-1.53	-1.24
24	Multifamily	0.32	0.28	0.44	0.36	0.35	0.05	0.16
25	Other structures ⁷	-0.01	0.88	0.41	1.00	1.83	-0.41	-0.43
26	Equipment	0.03	0.02	0.02	0.02	0.03	0.01	0.02
	Addenda:							
27	Private fixed investment in structures	2.52	1.54	1.90	-0.30	1.72	-2.23	-0.65
28	Private fixed investment in new structures	2.86	1.19	1.80	0.26	0.83	-2.62	-0.27
29	Nonresidential structures ⁸	1.82	-0.83	-0.73	-2.71	0.01	-0.36	0.84
30	Residential structures ⁹	1.04	2.02	2.52	2.97	0.82	-2.27	-1.11
31	Private fixed investment in information processing equipment and software	0.95	1.12	2.37	0.49	0.49	-0.03	1.84

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

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

6. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 17.

7. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures and adjoining land, and other ownership transfer costs.

8. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

9. Excludes net purchases of used structures and brokers' commissions and other ownership transfer costs.

Table 5.3.3. Real Private Fixed Investment by Type, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Private fixed investment	131.342	136.633	137.956	137.895	137.570	137.179	136.970
2	Nonresidential	131.967	134.697	135.754	134.611	133.442	133.766	134.149
3	Structures	107.918	103.166	103.456	99.291	99.317	98.794	100.099
4	Commercial and health care	94.827	104.411	106.559	108.081	113.729	117.148	124.064
5	Manufacturing	93.754	122.657	127.036	121.177	117.794	115.222	117.494
6	Power and communication	102.980	89.972	94.052	92.908	93.042	94.574	94.127
7	Mining exploration, shafts, and wells ¹	177.374	121.969	107.271	88.526	80.173	64.754	58.911
8	Other structures ²	81.283	89.888	93.687	91.204	92.137	96.859	97.330
9	Equipment	160.752	166.451	168.511	167.400	163.270	162.053	160.930
10	Information processing equipment	127.293	132.275	135.528	135.936	134.922	133.253	136.519
11	Computers and peripheral equipment ³	116.113	115.592	120.588	111.845	113.123	116.290	116.518
12	Other ⁴	131.788	138.987	141.544	145.602	143.677	140.095	144.562
13	Industrial equipment	133.848	136.342	135.669	139.056	137.713	140.852	141.244
14	Transportation equipment	383.929	428.189	437.738	430.795	416.271	410.552	394.112
15	Other equipment ⁵	145.432	139.403	139.357	134.375	127.571	124.754	122.595
16	Intellectual property products	117.733	123.422	123.987	125.376	126.532	129.279	130.559
17	Software ⁶	121.927	129.739	129.800	130.866	133.264	134.749	137.181
18	Research and development ⁷	114.041	117.993	118.954	120.787	121.154	126.007	126.512
19	Entertainment, literary, and artistic originals	115.080	119.427	120.324	121.152	120.751	119.827	119.883
20	Residential	128.846	143.923	146.263	150.290	153.133	150.079	147.691
21	Structures	128.803	143.974	146.335	150.398	153.234	150.116	147.661
22	Permanent site	155.620	183.002	188.642	195.474	194.880	187.916	182.897
23	Single family	162.239	190.571	196.690	203.210	200.302	191.131	183.807
24	Multifamily	132.318	156.398	160.310	168.312	176.201	177.385	181.043
25	Other structures ⁸	114.665	123.324	123.932	126.520	131.213	130.163	129.088
26	Equipment	130.783	139.982	140.998	142.707	146.023	147.310	149.491
Addenda:								
27	Private fixed investment in structures	117.611	122.273	123.538	123.297	124.664	122.901	122.391
28	Private fixed investment in new structures	117.047	121.134	122.244	122.470	123.219	120.869	120.629
29	Nonresidential structures ⁹	107.771	103.003	103.272	99.122	99.144	98.598	99.883
30	Residential structures ¹⁰	130.994	148.068	150.417	156.985	158.786	153.839	151.446
31	Private fixed investment in information processing equipment and software	124.653	131.103	132.716	133.463	134.209	134.164	137.004

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

3. Annual chain-type quantity indexes for computers and peripheral equipment: 1959, .0000041; 1960, .000051; 1961, .000093; 1962, .00017; 1963, .00056. Quarterly chain-type quantity indexes for computers and peripheral equipment: 1959:1, .0000006; 1959:2, .0000003; 1959:3, .0000033; 1959:4, .0000123; 1960:1, .000035; 1960:2, .000040; 1960:3, .000054; 1960:4, .000073; 1961:1, .000073; 1961:2, .000077; 1961:3, .000110; 1961:4, .000111; 1962:1, .00013; 1962:2, .00013; 1962:3, .00018; 1962:4, .00027; 1963:1, .00040; 1963:2, .00053; 1963:3, .00063; 1963:4, .00069.

4. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

5. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

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

7. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 17.

Table 5.3.3. Real Private Fixed Investment by Type, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

8. *Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.*
9. *Excludes net purchases of used structures and brokers' commissions on the sale of structures.*
10. *Excludes net purchases of used structures and brokers' commissions and other ownership transfer costs.*

Table 5.3.4. Price Indexes for Private Fixed Investment by Type

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Private fixed investment	106.030	107.062	107.184	107.300	107.467	108.048	108.471
2	Nonresidential	104.423	105.051	105.141	105.116	105.172	105.476	105.560
3	Structures	112.213	112.202	112.168	112.113	111.682	112.566	112.446
4	Commercial and health care	106.004	107.897	108.036	108.846	108.429	109.741	109.188
5	Manufacturing	107.912	109.958	110.319	110.621	110.606	111.299	110.125
6	Power and communication	116.890	118.668	118.677	118.337	118.127	118.560	119.303
7	Mining exploration, shafts, and wells ¹	117.536	110.632	109.997	107.248	104.536	104.516	103.597
8	Other structures ²	108.899	112.174	112.443	113.356	114.143	115.503	116.534
9	Equipment	100.482	101.277	101.285	101.299	101.366	101.392	101.671
10	Information processing equipment	92.683	92.785	92.688	92.514	92.583	92.832	92.578
11	Computers and peripheral equipment	89.242	88.483	88.255	87.860	87.499	87.543	87.080
12	Other ³	94.187	94.606	94.558	94.461	94.673	94.994	94.812
13	Industrial equipment	106.905	106.536	106.520	106.256	106.120	106.096	106.228
14	Transportation equipment	100.326	101.970	102.156	102.206	102.582	102.730	103.728
15	Other equipment ⁴	103.478	105.208	105.151	105.658	105.490	105.027	105.359
16	Intellectual property products	104.772	105.583	105.889	105.825	106.168	106.526	106.451
17	Software ⁵	99.354	98.023	98.284	98.240	98.179	98.087	97.465
18	Research and development ⁶	112.272	115.596	116.036	115.784	116.436	117.083	117.778
19	Entertainment, literary, and artistic originals	100.444	101.567	101.586	102.095	103.085	104.376	103.893
20	Residential	112.795	115.479	115.726	116.371	116.952	118.553	120.248
21	Structures	113.361	116.179	116.439	117.114	117.730	119.370	121.134
22	Permanent site	112.872	116.410	116.331	117.252	118.232	119.847	121.603
23	Single family	113.285	116.095	115.811	116.814	118.019	120.026	122.234
24	Multifamily	110.042	116.833	117.621	118.191	118.193	118.193	118.192
25	Other structures ⁷	113.500	115.766	116.285	116.752	117.071	118.728	120.494
26	Equipment	87.033	83.513	83.195	82.383	81.301	81.052	79.515
Addenda:								
27	Private fixed investment in structures	112.859	114.343	114.467	114.822	114.990	116.306	117.254
28	Private fixed investment in new structures	112.739	113.790	113.791	114.008	114.119	115.415	116.213
29	Nonresidential structures ⁸	112.245	112.201	112.158	112.097	111.661	112.549	112.431
30	Residential structures ⁹	113.287	115.589	115.638	116.126	116.753	118.438	120.129
31	Private fixed investment in information processing equipment and software	95.915	95.311	95.393	95.283	95.287	95.366	94.927

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

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

6. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 17.

7. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures and adjoining land, and other ownership transfer costs.

8. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

9. Excludes net purchases of used structures and brokers' commissions and other ownership transfer costs.

Table 5.3.4. Price Indexes for Private Fixed Investment by Type

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Table 5.3.5. Private Fixed Investment by Type

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Private fixed investment	2,821.0	2,963.2	2,995.3	2,997.2	2,994.8	3,002.5	3,009.6
2	Nonresidential	2,251.0	2,311.3	2,331.5	2,311.3	2,292.4	2,304.7	2,313.1
3	Structures	530.7	507.3	508.5	487.8	486.0	487.3	493.2
4	Commercial and health care	127.3	142.7	145.8	149.0	156.2	162.8	171.6
5	Manufacturing	57.0	75.9	78.9	75.5	73.3	72.2	72.8
6	Power and communication	115.3	102.3	106.9	105.3	105.2	107.4	107.5
7	Mining exploration, shafts, and wells ¹	156.3	101.2	87.9	70.7	62.4	50.4	45.4
8	Other structures ²	74.8	85.2	89.0	87.3	88.8	94.5	95.8
9	Equipment	1,040.7	1,086.1	1,099.7	1,092.6	1,066.3	1,058.7	1,054.2
10	Information processing equipment	302.1	314.3	321.7	322.1	319.9	316.8	323.7
11	Computers and peripheral equipment	79.6	78.5	81.7	75.4	76.0	78.2	77.9
12	Other ³	222.6	235.8	240.0	246.6	243.9	238.6	245.8
13	Industrial equipment	217.6	220.9	219.8	224.7	222.2	227.3	228.2
14	Transportation equipment	271.8	308.1	315.6	310.7	301.3	297.6	288.5
15	Other equipment ⁴	249.2	242.9	242.7	235.1	222.9	217.0	213.9
16	Intellectual property products	679.6	717.9	723.3	730.9	740.1	758.7	765.6
17	Software ⁵	311.1	326.6	327.6	330.1	336.0	339.4	343.3
18	Research and development ⁶	293.2	312.4	316.1	320.3	323.0	337.9	341.2
19	Entertainment, literary, and artistic originals	75.3	79.0	79.6	80.6	81.1	81.4	81.1
20	Residential	570.1	651.9	663.8	685.9	702.4	697.8	696.5
21	Structures	560.6	642.2	654.1	676.1	692.5	687.9	686.6
22	Permanent site	235.2	285.2	293.8	306.8	308.4	301.5	297.7
23	Single family	193.6	233.0	239.9	250.0	249.0	241.6	236.7
24	Multifamily	41.6	52.1	53.8	56.8	59.4	59.8	61.1
25	Other structures ⁷	325.4	357.0	360.3	369.3	384.1	386.4	388.9
26	Equipment	9.5	9.7	9.8	9.8	9.9	9.9	9.9
Addenda:								
27	Private fixed investment in structures	1,091.3	1,149.4	1,162.6	1,163.9	1,178.5	1,175.2	1,179.8
28	Private fixed investment in new structures	964.3	1,007.3	1,016.5	1,020.3	1,027.6	1,019.4	1,024.4
29	Nonresidential structures ⁸	529.8	506.2	507.3	486.6	484.8	486.0	491.8
30	Residential structures ⁹	434.5	501.1	509.2	533.7	542.8	533.4	532.6
31	Private fixed investment in information processing equipment and software	613.2	640.8	649.3	652.2	655.9	656.2	667.0

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

3. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

4. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

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

6. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 17.

7. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures and adjoining land, and other ownership transfer costs.

8. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

9. Excludes net purchases of used structures and brokers' commissions and other ownership transfer costs.

Table 5.3.6. Real Private Fixed Investment by Type, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Private fixed investment	2,660.6	2,767.8	2,794.5	2,793.3	2,786.7	2,778.8	2,774.6
2	Nonresidential	2,155.6	2,200.2	2,217.5	2,198.8	2,179.7	2,185.0	2,191.2
3	Structures	472.9	452.1	453.4	435.1	435.2	432.9	438.6
4	Commercial and health care	120.1	132.3	135.0	136.9	144.1	148.4	157.2
5	Manufacturing	52.8	69.1	71.5	68.2	66.3	64.9	66.1
6	Power and communication	98.6	86.2	90.1	89.0	89.1	90.6	90.2
7	Mining exploration, shafts, and wells ¹	133.0	91.4	80.4	66.4	60.1	48.5	44.2
8	Other structures ²	68.7	75.9	79.1	77.1	77.8	81.8	82.2
9	Equipment	1,035.7	1,072.5	1,085.7	1,078.6	1,052.0	1,044.1	1,036.9
10	Information processing equipment	326.0	338.7	347.1	348.1	345.5	341.2	349.6
11	Computers and peripheral equipment ³	89.1	88.7	92.6	85.9	86.9	89.3	89.5
12	Other ⁴	236.3	249.2	253.8	261.1	257.6	251.2	259.2
13	Industrial equipment	203.5	207.3	206.3	211.5	209.4	214.2	214.8
14	Transportation equipment	270.9	302.2	308.9	304.0	293.7	289.7	278.1
15	Other equipment ⁵	240.8	230.8	230.8	222.5	211.3	206.6	203.0
16	Intellectual property products	648.6	680.0	683.1	690.7	697.1	712.2	719.3
17	Software ⁶	313.1	333.1	333.3	336.0	342.2	346.0	352.2
18	Research and development ⁷	261.2	270.2	272.4	276.6	277.5	288.6	289.7
19	Entertainment, literary, and artistic originals	74.9	77.8	78.4	78.9	78.6	78.0	78.1
20	Residential	505.4	564.5	573.7	589.5	600.7	588.7	579.3
21	Structures	494.5	552.8	561.8	577.4	588.3	576.3	566.9
22	Permanent site	208.3	245.0	252.5	261.7	260.9	251.6	244.9
23	Single family	170.9	200.7	207.2	214.1	211.0	201.3	193.6
24	Multifamily	37.8	44.6	45.7	48.0	50.3	50.6	51.7
25	Other structures ⁸	286.7	308.4	309.9	316.4	328.1	325.5	322.8
26	Equipment	10.9	11.6	11.7	11.9	12.1	12.3	12.4
27	Residual	-8.8	-11.9	-12.6	-11.0	-9.4	-8.7	-10.4
Addenda:								
28	Private fixed investment in structures	966.9	1,005.3	1,015.7	1,013.7	1,024.9	1,010.4	1,006.2
29	Private fixed investment in new structures	855.3	885.2	893.3	895.0	900.4	883.3	881.5
30	Nonresidential structures ⁹	472.0	451.1	452.3	434.1	434.2	431.8	437.5
31	Residential structures ¹⁰	383.5	433.5	440.4	459.6	464.9	450.4	443.4
32	Private fixed investment in information processing equipment and software	639.3	672.4	680.6	684.5	688.3	688.1	702.6

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

2. Consists primarily of religious, educational, vocational, lodging, railroads, farm, and amusement and recreational structures, net purchases of used structures, and brokers' commissions on the sale of structures.

3. The quantity index for computers can be used to accurately measure the real growth rate of this component. However, because computers exhibit rapid changes 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; accurate estimates of these contributions are shown in table 5.3.2 and real growth rates are shown in table 5.3.1.

4. Includes communication equipment, nonmedical instruments, medical equipment and instruments, photocopy and related equipment, and office and accounting equipment.

5. Consists primarily of furniture and fixtures, agricultural machinery, construction machinery, mining and oilfield machinery, service industry machinery, and electrical equipment not elsewhere classified.

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

7. Research and development investment excludes expenditures for software development. Software development expenditures are included in software investment on line 17.

Table 5.3.6. Real Private Fixed Investment by Type, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

8. Consists primarily of manufactured homes, improvements, dormitories, net purchases of used structures, and brokers' commissions on the sale of residential structures.

9. Excludes net purchases of used structures and brokers' commissions on the sale of structures.

10. Excludes net purchases of used structures and brokers' commissions and other ownership transfer costs.

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.7.5B. Change in Private Inventories by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
2	Farm	-3.2	-2.0	-1.5	-4.8	-8.3	-5.5	-6.1
3	Mining, utilities, and construction	4.5	5.2	-1.3	9.5	-6.2	-9.4	-9.1
4	Manufacturing	18.3	18.9	1.4	14.5	4.4	-21.6	2.2
5	Durable goods industries	16.1	7.5	-6.8	5.9	-0.5	-19.8	2.6
6	Nondurable goods industries	2.2	11.4	8.2	8.6	4.9	-1.9	-0.4
7	Wholesale trade	23.2	35.1	29.2	19.5	12.4	-5.2	5.2
8	Durable goods industries	18.9	13.0	4.1	9.6	-11.0	-5.9	0.5
9	Nondurable goods industries	4.3	22.2	25.1	9.8	23.4	0.7	4.7
10	Retail trade	15.3	26.6	40.5	14.4	39.9	16.1	14.0
11	Motor vehicle and parts dealers	8.3	7.5	19.5	1.1	26.1	15.1	13.0
12	Food and beverage stores	0.9	0.8	1.4	-0.1	0.6	2.7	0.9
13	General merchandise stores	-0.3	1.6	0.9	-1.0	0.7	-2.1	-2.1
14	Other retail stores	6.3	16.7	18.6	14.3	12.5	0.2	2.2
15	Other industries	7.3	9.6	8.5	9.7	-0.3	10.8	3.7
Addenda:								
16	Change in private inventories	65.4	93.4	76.8	62.7	41.9	-15.0	9.9
17	Durable goods industries	46.7	35.1	23.2	22.5	14.9	-7.3	18.3
18	Nondurable goods industries	18.8	58.3	53.6	40.1	27.0	-7.7	-8.5
19	Nonfarm industries	68.6	95.4	78.3	67.5	50.3	-9.4	16.0
20	Nonfarm change in book value ¹	74.8	18.9	7.4	-24.7	-23.1	44.4	32.0
21	Nonfarm inventory valuation adjustment ²	-6.1	76.5	70.9	92.2	73.3	-53.8	-16.0
22	Wholesale trade	23.2	35.1	29.2	19.5	12.4	-5.2	5.2
23	Merchant wholesale trade	20.8	29.1	25.0	11.2	13.5	6.0	4.3
24	Durable goods industries	13.1	11.2	4.1	5.2	-8.5	-2.5	-0.6
25	Nondurable goods industries	7.7	17.8	20.8	6.0	22.1	8.4	4.9
26	Nonmerchant wholesale trade	2.4	6.1	4.2	8.3	-1.1	-11.2	0.9

Legend / Footnotes:

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

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

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

Table 5.7.6B. Change in Real Private Inventories by Industry, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
2	Farm	-2.2	-1.6	-1.1	-4.1	-5.1	-2.6	-2.4
3	Mining, utilities, and construction	4.1	5.2	-1.2	9.9	-6.5	-9.9	-9.1
4	Manufacturing	16.4	17.9	2.2	14.3	4.0	-19.5	2.0
5	Durable goods industries	15.3	7.1	-6.2	5.9	-0.6	-18.0	2.4
6	Nondurable goods industries	1.9	10.6	7.9	8.4	4.5	-1.6	-0.4
7	Wholesale trade	20.9	31.5	26.8	17.0	12.5	-3.7	5.1
8	Durable goods industries	17.5	12.0	3.8	9.0	-10.5	-5.5	0.5
9	Nondurable goods industries	4.2	19.2	22.1	8.1	22.0	1.6	4.5
10	Retail trade	13.8	24.3	36.9	13.1	35.3	14.6	12.8
11	Motor vehicle and parts dealers	7.7	6.9	17.9	1.0	23.6	13.9	12.1
12	Food and beverage stores	0.8	0.7	1.2	-0.1	0.4	2.3	0.8
13	General merchandise stores	-0.3	1.4	0.8	-0.9	0.6	-1.9	-1.9
14	Other retail stores	5.7	15.5	17.2	13.3	11.0	0.3	2.0
15	Other industries	6.8	8.9	8.0	8.9	0.0	10.1	3.4
16	Residual	-3.8	-1.8	0.4	-2.4	1.3	1.9	0.7
Addenda:								
17	Change in private inventories	57.7	84.0	70.9	56.9	40.7	-9.5	12.6
18	Durable goods industries	43.8	33.0	22.6	21.4	13.8	-6.0	17.1
19	Nondurable goods industries	16.3	50.8	47.7	35.3	26.8	-3.6	-4.0
20	Nonfarm industries	62.2	88.1	73.9	62.9	47.5	-6.6	15.4
21	Wholesale trade	20.9	31.5	26.8	17.0	12.5	-3.7	5.1
22	Merchant wholesale trade	18.7	26.1	22.9	9.5	13.6	6.3	4.2
23	Durable goods industries	12.1	10.4	3.8	4.7	-8.2	-2.2	-0.5
24	Nondurable goods industries	6.8	15.3	18.2	4.8	20.5	8.0	4.5
25	Nonmerchant wholesale trade	2.2	5.5	3.9	7.6	-1.3	-10.4	0.9

Legend / Footnotes:

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

Chained (2009) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.8.5B. Private Inventories and Domestic Final Sales by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2015		2016		
		III	IV	I	II	III
1	Private inventories ¹	2,464.7	2,444.5	2,450.0	2,508.4	2,500.9
2	Farm	213.5	203.3	198.6	195.5	184.6
3	Mining, utilities, and construction	88.7	87.2	82.4	81.3	83.0
4	Manufacturing	702.8	694.8	691.3	745.4	747.1
5	Durable goods industries	414.8	411.7	411.0	446.9	448.6
6	Nondurable goods industries	288.1	283.1	280.3	298.5	298.5
7	Wholesale trade	682.5	679.7	676.4	688.3	685.0
8	Durable goods industries	383.9	383.1	380.3	381.9	382.5
9	Nondurable goods industries	298.6	296.6	296.1	306.4	302.5
10	Retail trade	600.8	602.0	626.2	618.2	620.2
11	Motor vehicle and parts dealers	192.5	190.8	200.7	202.2	203.8
12	Food and beverage stores	52.0	52.2	52.1	52.7	52.4
13	General merchandise stores	95.8	95.2	95.5	95.2	94.4
14	Other retail stores	260.5	263.7	277.9	268.1	269.5
15	Other industries	176.4	177.6	175.1	179.6	181.1
Addenda:						
16	Private inventories	2,464.7	2,444.5	2,450.0	2,508.4	2,500.9
17	Durable goods industries	1,089.4	1,085.0	1,094.1	1,131.2	1,136.1
18	Nondurable goods industries	1,375.3	1,359.5	1,356.0	1,377.2	1,364.7
19	Nonfarm industries	2,251.2	2,241.2	2,251.5	2,312.9	2,316.3
20	Wholesale trade	682.5	679.7	676.4	688.3	685.0
21	Merchant wholesale trade	578.7	576.1	575.9	587.0	583.3
22	Durable goods industries	333.8	332.3	330.2	332.1	332.4
23	Nondurable goods industries	244.9	243.8	245.8	254.9	251.0
24	Nonmerchant wholesale trade	103.9	103.6	100.5	101.3	101.6
25	Final sales of domestic business ²	1,038.8	1,042.6	1,047.9	1,062.1	1,071.2
26	Final sales of goods and structures of domestic business ²	566.0	565.9	565.2	572.2	576.4
Ratios of private inventories to final sales of domestic business:						
27	Private inventories to final sales	2.37	2.34	2.34	2.36	2.33
28	Nonfarm inventories to final sales	2.17	2.15	2.15	2.18	2.16
29	Nonfarm inventories to final sales of goods and structures	3.98	3.96	3.98	4.04	4.02

Legend / Footnotes:

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

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross output of general government, gross value added of nonprofit institutions, compensation paid to domestic workers, and imputed rental of owner-occupied nonfarm housing. It includes a small amount of final sales by farm and by government enterprises.

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

Table 5.8.6B. Real Private Inventories and Real Domestic Final Sales by Industry, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2015		2016		
		III	IV	I	II	III
1	Private inventories ¹	2,239.4	2,253.6	2,263.8	2,261.4	2,264.6
2	Farm	161.4	160.4	159.1	158.5	157.9
3	Mining, utilities, and construction	87.6	90.1	88.4	86.0	83.7
4	Manufacturing	672.4	676.0	677.0	672.1	672.6
5	Durable goods industries	406.3	407.8	407.7	403.2	403.8
6	Nondurable goods industries	268.5	270.6	271.7	271.3	271.2
7	Wholesale trade	620.1	624.4	627.5	626.6	627.9
8	Durable goods industries	363.9	366.1	363.5	362.1	362.2
9	Nondurable goods industries	260.6	262.6	268.1	268.5	269.6
10	Retail trade	545.8	549.0	557.9	561.5	564.7
11	Motor vehicle and parts dealers	176.6	176.9	182.8	186.2	189.2
12	Food and beverage stores	44.0	44.0	44.1	44.7	44.8
13	General merchandise stores	86.5	86.3	86.4	86.0	85.5
14	Other retail stores	239.3	242.6	245.3	245.4	245.9
15	Other industries	161.8	164.0	164.0	166.5	167.4
16	Residual	-17.0	-17.6	-17.3	-16.8	-16.7
Addenda:						
17	Private inventories	2,239.4	2,253.6	2,263.8	2,261.4	2,264.6
18	Durable goods industries	1,041.4	1,046.7	1,050.2	1,048.7	1,053.0
19	Nondurable goods industries	1,209.6	1,218.4	1,225.1	1,224.2	1,223.2
20	Nonfarm industries	2,089.0	2,104.8	2,116.6	2,115.0	2,118.8
21	Wholesale trade	620.1	624.4	627.5	626.6	627.9
22	Merchant wholesale trade	524.1	526.5	529.9	531.5	532.5
23	Durable goods industries	316.3	317.5	315.5	314.9	314.8
24	Nondurable goods industries	211.0	212.1	217.3	219.3	220.4
25	Nonmerchant wholesale trade	96.3	98.2	97.9	95.2	95.5
26	Final sales of domestic business ²	951.2	954.0	957.3	965.1	971.2
27	Final sales of goods and structures of domestic business ²	537.9	537.8	539.8	543.8	548.2
Ratios of private inventories to final sales of domestic business:						
28	Private inventories to final sales	2.35	2.36	2.36	2.34	2.33
29	Nonfarm inventories to final sales	2.20	2.21	2.21	2.19	2.18
30	Nonfarm inventories to final sales of goods and structures	3.88	3.91	3.92	3.89	3.87

Legend / Footnotes:

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

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross output of general government, gross value added of nonprofit institutions, compensation paid to domestic workers, and imputed rental of owner-occupied nonfarm housing. It includes a small amount of final sales by farm and by government enterprises.

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

Chained (2009) dollar inventory series are calculated to ensure that the chained (2009) dollar change in inventories for 2009 equals the current-dollar change in inventories for 2009 and that the average of the 2008 and 2009 end-of-year chain-weighted and fixed-weighted inventories are equal.

Table 5.8.9B. Implicit Price Deflators for Private Inventories by Industry

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2015		2016		
		III	IV	I	II	III
1	Private inventories ¹	110.064	108.471	108.228	110.922	110.435
2	Farm	132.255	126.713	124.797	123.389	116.929
3	Mining, utilities, and construction	101.263	96.783	93.208	94.644	99.194
4	Manufacturing	104.520	102.788	102.117	110.905	111.067
5	Durable goods industries	102.072	100.964	100.815	110.856	111.104
6	Nondurable goods industries	107.293	104.636	103.184	110.026	110.060
7	Wholesale trade	110.060	108.857	107.782	109.851	109.094
8	Durable goods industries	105.510	104.641	104.631	105.471	105.597
9	Nondurable goods industries	114.606	112.955	110.436	114.133	112.199
10	Retail trade	110.082	109.637	112.255	110.103	109.817
11	Motor vehicle and parts dealers	108.993	107.875	109.806	108.556	107.712
12	Food and beverage stores	118.262	118.837	118.237	118.120	116.796
13	General merchandise stores	110.726	110.345	110.529	110.715	110.440
14	Other retail stores	108.876	108.713	113.271	109.259	109.586
15	Other industries	109.030	108.255	106.765	107.817	108.172
Addenda:						
16	Private inventories	110.064	108.471	108.228	110.922	110.435
17	Durable goods industries	104.617	103.659	104.179	107.874	107.898
18	Nondurable goods industries	113.700	111.577	110.682	112.494	111.572
19	Nonfarm industries	107.765	106.484	106.370	109.357	109.318
20	Wholesale trade	110.060	108.857	107.782	109.851	109.094
21	Merchant wholesale trade	110.412	109.414	108.683	110.455	109.543
22	Durable goods industries	105.515	104.651	104.648	105.465	105.578
23	Nondurable goods industries	116.086	114.903	113.113	116.239	113.870
24	Nonmerchant wholesale trade	107.890	105.581	102.657	106.351	106.461

Legend / Footnotes:

1. Implicit price deflators are as of the end of the quarter and are consistent with inventory stocks.

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

Table 6.1D. National Income Without Capital Consumption Adjustment by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	National income without capital consumption adjustment	15,092.8	15,578.9	15,638.1	15,744.6	15,758.8	15,864.2	---
2	Domestic industries	14,844.7	15,373.2	15,447.5	15,533.2	15,586.3	15,656.3	---
3	Private industries	13,084.9	13,557.7	13,624.4	13,699.2	13,741.8	13,802.0	---
4	Agriculture, forestry, fishing, and hunting	164.9	135.7	141.8	133.3	128.0	123.4	---
5	Mining	275.3	218.6	209.7	198.7	190.1	188.5	---
6	Utilities	192.8	167.4	165.3	150.3	165.9	164.9	---
7	Construction	673.5	728.4	735.9	756.9	760.4	766.0	---
8	Manufacturing	1,654.2	1,667.7	1,681.9	1,646.9	1,652.8	1,654.0	---
9	Durable goods	952.3	973.0	975.0	974.1	969.0	965.5	---
10	Nondurable goods	701.8	694.7	706.8	672.8	683.8	688.6	---
11	Wholesale trade	914.6	943.5	947.7	960.6	948.6	914.6	---
12	Retail trade	1,038.1	1,089.2	1,095.5	1,106.6	1,111.4	1,110.1	---
13	Transportation and warehousing	449.6	487.1	492.5	499.2	498.4	503.8	---
14	Information	548.0	566.6	566.9	569.2	569.7	580.1	---
15	Finance, insurance, real estate, rental, and leasing	2,605.9	2,717.3	2,730.6	2,733.0	2,778.7	2,796.9	---
16	Professional and business services ¹	2,040.5	2,171.6	2,175.5	2,206.1	2,199.4	2,239.6	---
17	Educational services, health care, and social assistance	1,480.9	1,559.8	1,569.6	1,602.8	1,604.4	1,620.3	---
18	Arts, entertainment, recreation, accommodation, and food services	612.4	652.6	657.2	674.3	669.6	674.0	---
19	Other services, except government	434.3	452.0	454.4	461.3	464.3	465.8	---
20	Government	1,759.9	1,815.5	1,823.1	1,834.0	1,844.5	1,854.3	---
21	Rest of the world	248.1	205.7	190.6	211.4	172.5	207.8	---

Legend / Footnotes:

1. Consists of professional, scientific, and technical services; management of companies and enterprises; and administrative and waste management services.

Note. Estimates in this table are based on the 2002 North American Industry Classification System (NAICS).

Table 6.16D. Corporate Profits by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Corporate profits with inventory valuation and capital consumption adjustments	2,152.1	2,088.1	2,095.4	1,967.5	2,033.5	2,021.0	---
2	Domestic industries	1,741.1	1,702.3	1,720.9	1,571.0	1,663.9	1,613.4	---
3	Financial ¹	444.1	452.7	447.3	429.2	437.2	442.8	---
4	Nonfinancial	1,297.0	1,249.7	1,273.5	1,141.9	1,226.7	1,170.5	---
5	Rest of the world	411.0	385.8	374.5	396.5	369.6	407.6	---
6	Receipts from the rest of the world	691.7	651.7	655.6	635.6	644.3	681.9	---
7	Less: Payments to the rest of the world	280.7	265.9	281.1	239.2	274.7	274.2	---
8	Corporate profits with inventory valuation adjustment	2,265.9	2,192.4	2,200.5	2,069.8	2,139.2	2,127.1	---
9	Domestic industries	1,854.9	1,806.6	1,826.0	1,673.3	1,769.6	1,719.5	---
10	Financial	480.3	493.2	489.1	471.8	479.1	484.6	---
11	Federal Reserve banks	103.5	100.7	103.7	99.0	115.2	110.0	---
12	Other financial ²	376.8	392.5	385.4	372.8	364.0	374.6	---
13	Nonfinancial	1,374.7	1,313.4	1,336.9	1,201.5	1,290.5	1,234.9	---
14	Utilities	33.3	6.7	4.7	-11.2	4.1	2.5	---
15	Manufacturing	449.8	412.7	447.0	310.8	394.4	384.0	---
16	Durable goods	238.3	236.3	239.5	223.7	228.1	219.6	---
17	Fabricated metal products	23.2	25.5	25.0	26.1	24.9	20.0	---
18	Machinery	36.0	29.4	26.5	25.7	21.5	18.1	---
19	Computer and electronic products	53.4	49.2	49.4	45.3	47.8	45.0	---
20	Electrical equipment, appliances, and components	17.3	17.0	16.5	18.0	16.3	18.2	---
21	Motor vehicles, bodies and trailers, and parts	34.9	45.9	48.4	42.7	48.0	52.3	---
22	Other durable goods ³	73.6	69.3	73.8	65.9	69.6	66.0	---
23	Nondurable goods	211.5	176.4	207.4	87.1	166.3	164.4	---
24	Food and beverage and tobacco products	54.7	61.0	60.4	63.2	61.2	72.1	---
25	Petroleum and coal products	55.6	7.2	38.6	-79.6	-13.0	-10.7	---
26	Chemical products	73.3	75.4	77.1	66.9	79.2	67.4	---
27	Other nondurable goods ⁴	28.0	32.8	31.4	36.6	38.9	35.5	---
28	Wholesale trade	146.5	150.0	150.3	158.7	153.9	116.1	---
29	Retail trade	167.8	178.7	177.3	175.5	185.3	181.5	---
30	Transportation and warehousing	59.4	68.1	71.0	68.1	68.5	63.8	---
31	Information	117.4	120.1	115.3	126.3	126.9	129.8	---
32	Other nonfinancial ⁵	400.4	377.0	371.4	373.3	357.4	357.3	---
33	Rest of the world	411.0	385.8	374.5	396.5	369.6	407.6	---

Legend / Footnotes:

1. Consists of finance and insurance and bank and other holding companies.

2. Consists of credit intermediation and related activities; securities, commodity contracts, and other financial investments and related activities; insurance carriers and related activities; funds, trusts, and other financial vehicles; and bank and other holding companies.

3. Consists of wood products; nonmetallic mineral products; primary metals; other transportation equipment; furniture and related products; and miscellaneous manufacturing.

4. Consists of textile mills and textile product mills; apparel; leather and allied products; paper products; printing and related support activities; and plastics and rubber products.

5. Consists of agriculture, forestry, fishing, and hunting; mining; construction; real estate and rental and leasing; professional, scientific, and technical services; administrative and waste management services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; and other services, except government.

Table 6.16D. Corporate Profits by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Note. Estimates in this table are based on the 2002 North American Industry Classification System (NAICS).

Table 7.1. Selected Per Capita Product and Income Series in Current and Chained Dollars

[Dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
	Current dollars:							
1	Gross domestic product	54,484	56,066	56,339	56,471	56,557	56,979	57,479
2	Gross national product	55,261	56,705	56,931	57,126	57,091	57,620	---
3	Personal income	46,392	48,052	48,309	48,623	48,694	49,082	49,453
4	Disposable personal income	40,794	42,026	42,270	42,537	42,715	43,075	43,371
5	Personal consumption expenditures	37,162	38,183	38,374	38,547	38,664	39,198	39,465
6	Goods	12,438	12,471	12,555	12,514	12,401	12,617	12,631
7	Durable goods	4,056	4,213	4,238	4,251	4,228	4,293	4,337
8	Nondurable goods	8,382	8,259	8,317	8,263	8,174	8,324	8,294
9	Services	24,724	25,712	25,818	26,033	26,263	26,582	26,835
	Chained (2009) dollars:							
10	Gross domestic product	50,065	50,970	51,100	51,103	51,123	51,213	51,473
11	Gross national product	50,723	51,508	51,594	51,654	51,566	51,752	---
12	Disposable personal income	37,374	38,368	38,504	38,709	38,844	38,976	39,103
13	Personal consumption expenditures	34,047	34,860	34,955	35,078	35,160	35,468	35,582
14	Goods	11,764	12,146	12,213	12,251	12,265	12,455	12,496
15	Durable goods	4,389	4,657	4,697	4,733	4,717	4,821	4,921
16	Nondurable goods	7,444	7,583	7,612	7,618	7,645	7,737	7,693
17	Services	22,285	22,724	22,754	22,838	22,905	23,034	23,107
18	Population (midperiod, thousands)	319,233	321,704	322,015	322,693	323,242	323,808	324,486

Table 7.2.1B. Percent Change From Preceding Period in Real Motor Vehicle Output

[Percent] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Motor vehicle output	7.6	5.0	16.5	-15.2	2.2	7.5	2.0
2	Auto output	0.1	-16.4	-16.8	-37.5	6.6	-9.8	13.5
3	Truck output	11.1	13.9	29.2	-7.9	1.0	12.4	-0.7
4	Final sales of domestic product	8.8	5.0	12.0	-4.3	-6.7	7.1	4.7
5	Personal consumption expenditures	7.1	5.5	2.9	-2.2	-9.8	10.4	18.6
6	New motor vehicles	5.8	3.4	5.8	-7.2	-20.4	10.9	16.2
7	Autos	-1.6	-9.2	-2.2	-14.2	-20.6	-8.6	4.1
8	Light trucks (including utility vehicles)	10.3	10.2	9.5	-4.1	-20.3	19.9	21.2
9	Net purchases of used autos and used light trucks	10.2	10.5	-3.3	10.4	18.2	9.5	23.8
10	Used autos	12.5	6.6	-5.8	3.2	19.6	7.4	18.4
11	Used light trucks (including utility vehicles)	8.4	13.8	-1.3	16.2	17.2	11.1	27.8
12	Private fixed investment	10.6	14.3	18.8	6.2	0.3	-11.2	-11.2
13	New motor vehicles	10.0	12.6	19.7	6.4	-2.4	-5.9	2.0
14	Autos	3.6	4.6	5.8	-0.9	-15.0	-12.9	14.3
15	Trucks	13.9	17.0	27.2	9.9	4.0	-2.6	-3.0
16	Light trucks (including utility vehicles)	14.0	18.5	37.1	24.3	5.6	7.1	7.9
17	Other	13.6	12.9	3.2	-24.4	-1.0	-29.9	-35.7
18	Net purchases of used autos and used light trucks	8.5	8.1	22.3	6.8	-9.6	11.3	48.2
19	Used autos	8.4	0.0	-7.6	-9.9	-27.7	-9.2	42.4
20	Used light trucks (including utility vehicles)	8.6	15.4	53.1	20.9	5.0	25.9	51.7
21	Gross government investment	6.8	8.7	166.1	-6.9	9.0	-20.8	-29.7
22	Autos	14.1	-11.7	12.1	54.7	10.4	-30.8	-30.4
23	Trucks	5.2	13.5	210.5	-14.4	8.8	-18.9	-29.6
24	Net exports	---	---	---	---	---	---	---
25	Exports	3.1	-10.4	6.6	-21.4	6.1	6.1	9.0
26	Autos	8.7	-9.0	19.7	-28.7	5.6	1.8	27.1
27	Trucks	-3.6	-12.2	-9.2	-10.2	6.7	12.0	-11.2
28	Imports	4.5	9.8	7.8	5.2	1.2	-12.2	7.8
29	Autos	1.3	15.7	15.2	-0.1	1.9	-6.6	24.2
30	Trucks	9.6	0.7	-4.1	15.3	-0.1	-21.4	-17.8
31	Change in private inventories	---	---	---	---	---	---	---
32	Autos	---	---	---	---	---	---	---
33	New	---	---	---	---	---	---	---
34	Domestic	---	---	---	---	---	---	---
35	Foreign	---	---	---	---	---	---	---
36	Used	---	---	---	---	---	---	---
37	Trucks	---	---	---	---	---	---	---
38	New	---	---	---	---	---	---	---
39	Domestic	---	---	---	---	---	---	---
40	Foreign	---	---	---	---	---	---	---
41	Used ¹	---	---	---	---	---	---	---
Addenda:								
42	Final sales of motor vehicles to domestic purchasers	8.2	8.6	11.3	0.7	-5.6	0.8	5.2
43	Private fixed investment in new autos and new light trucks	9.3	12.5	23.6	13.9	-2.6	-0.6	10.1
44	Domestic output of new autos ²	-0.2	-2.9	4.5	-29.7	7.0	-14.5	29.0
45	Sales of imported new autos ³	3.8	-3.7	0.3	-3.9	-16.7	-6.3	18.2

Legend / Footnotes:

1. Consists of used light trucks only.

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

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.3B. Real Motor Vehicle Output, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Motor vehicle output	182.944	192.077	198.677	190.627	191.646	195.159	196.121
2	Auto output	151.430	126.593	126.420	112.426	114.232	111.326	114.911
3	Truck output	201.275	229.229	239.603	234.716	235.320	242.308	241.887
4	Final sales of domestic product	163.823	172.079	175.338	173.407	170.419	173.367	175.384
5	Personal consumption expenditures	127.757	134.749	135.930	135.180	131.734	135.048	140.923
6	New motor vehicles	148.273	153.301	155.366	152.490	144.032	147.803	153.454
7	Autos	125.121	113.565	113.599	109.337	103.224	100.930	101.947
8	Light trucks (including utility vehicles)	165.333	182.226	185.747	183.835	173.674	181.737	190.677
9	Net purchases of used autos and used light trucks	96.844	107.034	106.812	109.499	114.177	116.805	123.199
10	Used autos	102.792	109.562	109.266	110.143	115.185	117.267	122.318
11	Used light trucks (including utility vehicles)	92.370	105.079	104.913	108.930	113.336	116.361	123.728
12	Private fixed investment	530.696	606.467	621.756	631.186	631.581	613.133	595.178
13	New motor vehicles	219.414	247.016	252.992	256.920	255.391	251.550	252.777
14	Autos	184.179	192.572	195.055	194.635	186.863	180.513	186.640
15	Trucks	246.208	288.057	296.621	303.739	306.731	304.679	302.382
16	Light trucks (including utility vehicles)	249.831	296.002	304.628	321.678	326.067	331.683	338.017
17	Other	236.803	267.412	275.792	257.185	256.567	234.759	210.252
18	Net purchases of used autos and used light trucks	86.218	93.170	95.161	96.743	94.340	96.889	106.905
19	Used autos	92.680	92.670	92.483	90.095	83.068	81.080	88.575
20	Used light trucks (including utility vehicles)	81.098	93.553	97.266	101.982	103.226	109.351	121.356
21	Gross government investment	89.721	97.546	107.331	105.426	107.728	101.629	93.054
22	Autos	89.350	78.896	76.897	85.755	87.902	80.161	73.228
23	Trucks	89.829	101.931	114.456	110.078	112.420	106.692	97.729
24	Net exports	---	---	---	---	---	---	---
25	Exports	187.927	168.390	173.045	162.924	165.341	167.797	171.450
26	Autos	213.318	194.073	203.920	187.416	189.973	190.801	202.598
27	Trucks	161.709	141.963	141.452	137.680	139.942	143.956	139.747
28	Imports	194.448	213.436	217.008	219.760	220.397	213.369	217.423
29	Autos	195.198	225.873	232.447	232.372	233.451	229.509	242.270
30	Trucks	193.135	194.543	193.576	200.595	200.560	188.860	179.833
31	Change in private inventories	---	---	---	---	---	---	---
32	Autos	---	---	---	---	---	---	---
33	New	---	---	---	---	---	---	---
34	Domestic	---	---	---	---	---	---	---
35	Foreign	---	---	---	---	---	---	---
36	Used	---	---	---	---	---	---	---
37	Trucks	---	---	---	---	---	---	---
38	New	---	---	---	---	---	---	---
39	Domestic	---	---	---	---	---	---	---
40	Foreign	---	---	---	---	---	---	---
41	Used ¹	---	---	---	---	---	---	---
Addenda:								
42	Final sales of motor vehicles to domestic purchasers	169.660	184.210	187.399	187.708	185.013	185.381	187.748
43	Private fixed investment in new autos and new light trucks	216.187	243.227	248.739	256.985	255.281	254.903	261.106
44	Domestic output of new autos ²	193.239	187.638	194.021	177.653	180.691	173.757	185.177
45	Sales of imported new autos ³	146.525	141.122	140.578	139.180	132.968	130.834	136.412

Legend / Footnotes:

1. Consists of used light trucks only.

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

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.4B. Price Indexes for Motor Vehicle Output

[Index numbers, 2009=100] Seasonally adjusted

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Motor vehicle output	111.387	112.839	112.899	112.786	113.225	112.668	112.800
2	Auto output	106.499	106.737	106.455	105.513	105.518	103.922	104.345
3	Truck output	113.816	115.749	115.941	116.077	116.646	116.375	116.426
4	Final sales of domestic product	111.202	112.685	112.746	112.633	113.071	112.505	112.683
5	Personal consumption expenditures	111.336	111.289	111.251	110.994	111.007	110.168	109.631
6	New motor vehicles	108.363	109.232	109.353	109.280	109.745	109.392	109.459
7	Autos	105.293	105.243	105.225	104.890	105.249	104.584	104.454
8	Light trucks (including utility vehicles)	110.369	111.717	111.904	111.949	112.466	112.246	112.393
9	Net purchases of used autos and used light trucks	115.241	112.945	112.525	111.841	110.857	109.021	107.235
10	Used autos	114.573	112.034	111.512	110.807	109.386	107.398	105.928
11	Used light trucks (including utility vehicles)	115.824	113.724	113.384	112.716	112.061	110.339	108.317
12	Private fixed investment	94.528	96.096	96.288	96.293	96.693	96.815	97.914
13	New motor vehicles	108.187	109.148	109.278	109.238	109.744	109.420	109.484
14	Autos	105.133	105.078	105.058	104.723	105.083	104.423	104.288
15	Trucks	110.221	111.744	111.955	112.063	112.643	112.474	112.632
16	Light trucks (including utility vehicles)	110.213	111.568	111.759	111.801	112.317	112.095	112.244
17	Other	110.221	112.217	112.481	112.795	113.584	113.598	113.792
18	Net purchases of used autos and used light trucks	115.597	114.222	114.082	113.896	114.579	112.859	109.710
19	Used autos	115.411	113.998	113.846	113.610	114.175	112.482	109.395
20	Used light trucks (including utility vehicles)	115.757	114.414	114.286	114.136	114.899	113.161	109.973
21	Gross government investment	108.090	109.710	110.080	109.725	110.982	111.699	112.048
22	Autos	101.591	101.602	102.705	98.949	100.542	104.512	103.749
23	Trucks	109.721	111.705	111.945	112.215	113.409	113.493	114.056
24	Net exports	---	---	---	---	---	---	---
25	Exports	107.165	107.728	107.816	107.837	108.003	108.315	108.042
26	Autos	103.605	103.097	103.100	102.854	102.738	102.658	101.851
27	Trucks	111.332	113.456	113.683	114.113	114.697	115.578	116.114
28	Imports	102.642	101.271	101.364	101.159	100.856	101.008	100.885
29	Autos	104.439	103.257	103.401	103.338	103.082	103.151	102.492
30	Trucks	100.156	98.487	98.501	98.058	97.674	97.969	98.829
31	Change in private inventories	---	---	---	---	---	---	---
32	Autos	---	---	---	---	---	---	---
33	New	---	---	---	---	---	---	---
34	Domestic	---	---	---	---	---	---	---
35	Foreign	---	---	---	---	---	---	---
36	Used	---	---	---	---	---	---	---
37	Trucks	---	---	---	---	---	---	---
38	New	---	---	---	---	---	---	---
39	Domestic	---	---	---	---	---	---	---
40	Foreign	---	---	---	---	---	---	---
41	Used ¹	---	---	---	---	---	---	---
Addenda:								
42	Final sales of motor vehicles to domestic purchasers	108.936	109.585	109.653	109.493	109.709	109.287	109.416
43	Private fixed investment in new autos and new light trucks	107.783	108.535	108.636	108.527	108.981	108.597	108.640
44	Domestic output of new autos ²	103.582	103.413	103.420	102.953	103.161	102.732	102.474
45	Sales of imported new autos ³	105.243	105.187	105.167	104.829	105.190	104.530	104.394

Legend / Footnotes:

1. Consists of used light trucks only.

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

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.5B. Motor Vehicle Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Motor vehicle output	502.6	534.5	553.2	530.2	535.2	542.3	545.5
2	Auto output	148.4	124.2	123.7	109.0	110.8	106.3	110.1
3	Truck output	354.2	410.3	429.5	421.2	424.4	436.0	435.4
4	Final sales of domestic product	492.0	523.6	533.9	527.5	520.4	526.7	533.7
5	Personal consumption expenditures	377.3	397.8	401.2	398.0	387.9	394.7	409.8
6	New motor vehicles	266.1	277.3	281.4	276.0	261.8	267.8	278.2
7	Autos	93.8	85.1	85.1	81.6	77.3	75.1	75.8
8	Light trucks (including utility vehicles)	172.3	192.3	196.3	194.4	184.5	192.7	202.4
9	Net purchases of used autos and used light trucks	111.2	120.5	119.8	122.0	126.1	126.9	131.7
10	Used autos	50.2	52.4	52.0	52.1	53.7	53.7	55.3
11	Used light trucks (including utility vehicles)	61.0	68.1	67.8	70.0	72.4	73.2	76.4
12	Private fixed investment	203.2	236.1	242.5	246.2	247.4	240.5	236.1
13	New motor vehicles	280.7	318.8	326.9	331.9	331.4	325.5	327.3
14	Autos	100.1	104.6	106.0	105.4	101.5	97.5	100.7
15	Trucks	180.6	214.2	220.9	226.5	229.9	228.0	226.6
16	Light trucks (including utility vehicles)	132.5	158.9	163.7	173.0	176.1	178.8	182.5
17	Other	48.1	55.3	57.2	53.5	53.7	49.2	44.1
18	Net purchases of used autos and used light trucks	-77.5	-82.7	-84.4	-85.7	-84.0	-85.0	-91.2
19	Used autos	-36.8	-36.3	-36.2	-35.2	-32.6	-31.4	-33.3
20	Used light trucks (including utility vehicles)	-40.7	-46.4	-48.2	-50.5	-51.4	-53.7	-57.9
21	Gross government investment	17.0	18.8	20.7	20.3	20.9	19.9	18.3
22	Autos	3.2	2.9	2.8	3.0	3.1	3.0	2.7
23	Trucks	13.8	15.9	17.9	17.2	17.8	16.9	15.6
24	Net exports	-105.6	-129.0	-130.5	-137.0	-135.9	-128.3	-130.5
25	Exports	80.5	72.5	74.6	70.2	71.4	72.7	74.0
26	Autos	46.0	41.7	43.8	40.2	40.7	40.8	43.0
27	Trucks	34.5	30.8	30.8	30.1	30.7	31.8	31.1
28	Imports	186.1	201.5	205.1	207.3	207.3	200.9	204.5
29	Autos	112.1	128.2	132.1	132.0	132.3	130.2	136.5
30	Trucks	74.0	73.3	72.9	75.2	74.9	70.8	68.0
31	Change in private inventories	10.6	10.9	19.3	2.8	14.8	15.5	11.8
32	Autos	3.8	2.2	2.4	-6.0	-0.8	-2.3	2.5
33	New	-2.1	-2.7	-2.5	-10.1	-2.1	-1.6	1.8
34	Domestic	-0.8	-2.3	-2.1	-10.1	-3.0	-3.3	5.7
35	Foreign	-1.2	-0.4	-0.4	0.1	0.9	1.6	-4.0
36	Used	5.9	4.9	4.9	4.0	1.3	-0.6	0.8
37	Trucks	6.8	8.7	16.9	8.8	15.5	17.8	9.2
38	New	3.9	5.2	11.4	2.6	9.7	10.2	-0.6
39	Domestic	3.9	2.7	9.1	0.0	7.8	9.1	-3.3
40	Foreign	0.1	2.4	2.3	2.6	1.9	1.1	2.7
41	Used ¹	2.9	3.5	5.5	6.2	5.8	7.6	9.8
Addenda:								
42	Final sales of motor vehicles to domestic purchasers	597.6	652.7	664.4	664.5	656.3	655.0	664.2
43	Private fixed investment in new autos and new light trucks	232.6	263.5	269.7	278.4	277.7	276.3	283.1
44	Domestic output of new autos ²	119.8	116.1	120.1	109.5	111.5	106.8	113.5
45	Sales of imported new autos ³	114.0	109.8	109.3	107.9	103.4	101.1	105.3

Legend / Footnotes:

1. Consists of used light trucks only.

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

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.6B. Real Motor Vehicle Output, Chained Dollars

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Motor vehicle output	451.5	474.1	490.4	470.5	473.0	481.7	484.1
2	Auto output	139.5	116.6	116.4	103.6	105.2	102.5	105.8
3	Truck output	311.4	354.6	370.7	363.1	364.1	374.9	374.2
4	Final sales of domestic product	442.4	464.7	473.5	468.3	460.2	468.2	473.6
5	Personal consumption expenditures	338.9	357.5	360.6	358.6	349.5	358.3	373.8
6	New motor vehicles	245.6	253.9	257.3	252.6	238.6	244.8	254.2
7	Autos	89.1	80.8	80.9	77.8	73.5	71.8	72.6
8	Light trucks (including utility vehicles)	156.2	172.1	175.4	173.6	164.0	171.6	180.1
9	Net purchases of used autos and used light trucks	96.5	106.7	106.4	109.1	113.8	116.4	122.8
10	Used autos	43.9	46.7	46.6	47.0	49.1	50.0	52.2
11	Used light trucks (including utility vehicles)	52.7	59.9	59.8	62.1	64.6	66.3	70.5
12	Private fixed investment	215.0	245.7	251.9	255.7	255.9	248.4	241.1
13	New motor vehicles	259.5	292.1	299.2	303.8	302.0	297.5	298.9
14	Autos	95.2	99.6	100.9	100.7	96.6	93.3	96.5
15	Trucks	163.8	191.7	197.4	202.1	204.1	202.7	201.2
16	Light trucks (including utility vehicles)	120.2	142.4	146.5	154.7	156.9	159.6	162.6
17	Other	43.7	49.3	50.8	47.4	47.3	43.3	38.8
18	Net purchases of used autos and used light trucks	-67.0	-72.4	-74.0	-75.2	-73.3	-75.3	-83.1
19	Used autos	-31.9	-31.9	-31.8	-31.0	-28.6	-27.9	-30.5
20	Used light trucks (including utility vehicles)	-35.2	-40.6	-42.2	-44.2	-44.8	-47.4	-52.6
21	Gross government investment	15.7	17.1	18.8	18.5	18.9	17.8	16.3
22	Autos	3.2	2.8	2.7	3.1	3.1	2.9	2.6
23	Trucks	12.5	14.2	16.0	15.4	15.7	14.9	13.6
24	Net exports	-106.2	-131.7	-133.2	-139.8	-139.4	-131.9	-134.2
25	Exports	75.1	67.3	69.2	65.1	66.1	67.1	68.5
26	Autos	44.4	40.4	42.5	39.1	39.6	39.8	42.2
27	Trucks	30.9	27.2	27.1	26.3	26.8	27.6	26.7
28	Imports	181.3	199.0	202.3	204.9	205.5	198.9	202.7
29	Autos	107.3	124.2	127.8	127.8	128.4	126.2	133.2
30	Trucks	73.9	74.4	74.1	76.7	76.7	72.2	68.8
31	Change in private inventories	9.7	9.9	17.8	2.1	13.6	14.2	10.3
32	Autos	3.4	1.9	2.1	-6.1	-0.7	-2.0	2.6
33	New	-2.1	-2.7	-2.4	-9.9	-2.0	-1.6	1.7
34	Domestic	-0.9	-2.3	-2.1	-10.0	-2.9	-3.1	5.5
35	Foreign	-1.2	-0.4	-0.4	0.1	0.9	1.6	-3.9
36	Used	5.3	4.5	4.4	3.7	1.3	-0.4	0.9
37	Trucks	6.3	7.9	15.3	7.8	13.8	15.6	7.5
38	New	3.7	4.7	10.4	2.3	8.6	8.8	-1.1
39	Domestic	3.6	2.4	8.2	0.0	6.8	7.7	-3.4
40	Foreign	0.1	2.4	2.3	2.5	1.9	1.1	2.7
41	Used ¹	2.6	3.3	5.0	5.7	5.3	7.0	9.2
42	Residual	-1.6	-0.2	-0.4	1.1	1.0	0.6	-0.2
Addenda:								
43	Final sales of motor vehicles to domestic purchasers	548.5	595.6	605.9	606.9	598.2	599.4	607.0
44	Private fixed investment in new autos and new light trucks	215.8	242.8	248.3	256.5	254.8	254.4	260.6
45	Domestic output of new autos ²	115.7	112.3	116.2	106.4	108.2	104.0	110.9
46	Sales of imported new autos ³	108.3	104.3	103.9	102.9	98.3	96.7	100.9

Legend / Footnotes:

1. Consists of used light trucks only.

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

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Note. Chained (2009) dollar series are calculated as the product of the chain-type quantity index and the 2009 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 7.5. Consumption of Fixed Capital by Legal Form of Organization and Type of Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised on: October 28, 2016 - Next Release Date November 29, 2016

Line		2014	2015	2015		2016		
				III	IV	I	II	III
1	Consumption of fixed capital	2,745.2	2,830.8	2,844.2	2,862.8	2,873.6	2,901.8	2,921.9
2	Private	2,227.8	2,308.3	2,320.7	2,339.6	2,350.3	2,375.1	2,393.7
3	Domestic business	1,771.5	1,836.5	1,846.7	1,861.7	1,870.4	1,887.4	1,898.5
4	Corporate business	1,462.6	1,517.0	1,525.7	1,538.3	1,545.1	1,558.6	1,567.2
5	Financial	179.9	187.4	189.2	191.8	188.7	190.9	192.6
6	Nonfinancial	1,282.8	1,329.6	1,336.5	1,346.6	1,356.4	1,367.7	1,374.7
7	Noncorporate business	308.9	319.5	321.0	323.3	325.3	328.8	331.3
8	Sole proprietorships and partnerships	259.9	269.3	270.5	272.5	274.5	277.3	279.2
9	Farm	30.7	32.7	32.9	33.3	33.6	33.9	34.2
10	Nonfarm	229.2	236.5	237.6	239.3	240.9	243.4	244.9
11	Other private business	49.0	50.2	50.5	50.8	50.8	51.5	52.1
12	Rental income of persons	42.3	43.3	43.4	43.7	43.7	44.3	44.8
13	Nonfarm tenant-occupied housing	39.2	40.0	---	---	---	---	---
14	Farm tenant-occupied housing	0.3	0.3	---	---	---	---	---
15	Farms owned by nonoperator landlords	0.3	0.3	---	---	---	---	---
16	Nonfarm nonresidential properties	2.5	2.6	---	---	---	---	---
17	Proprietors' income	6.7	7.0	7.0	7.1	7.1	7.2	7.3
18	Households and institutions	456.3	471.8	474.0	477.9	479.9	487.7	495.2
19	Owner-occupied housing	335.7	347.3	349.1	351.7	352.6	358.9	365.6
20	Nonprofit institutions serving households	120.6	124.5	124.9	126.2	127.3	128.8	129.6
21	Government	517.4	522.5	523.5	523.2	523.3	526.7	528.2
22	General government	453.4	456.9	457.6	457.3	457.2	460.0	460.9
23	Federal	264.0	264.0	263.9	263.3	263.2	263.9	264.2
24	State and local	189.4	192.9	193.7	193.9	194.0	196.2	196.7
25	Government enterprises	64.1	65.6	65.9	65.9	66.1	66.7	67.2
26	Federal	7.3	7.5	7.5	7.5	7.5	7.6	7.6
27	State and local	56.7	58.2	58.4	58.4	58.6	59.1	59.6
Addendum:								
28	Nonfarm business	1,790.0	1,853.2	1,863.4	1,877.9	1,886.2	1,903.2	1,914.4

Personal Consumption Expenditures by State

New Statistics for 2015 and Revised Statistics for 2008–2014

By Christian Awuku-Budu, Mahsa Gholizadeh, Ledia Guci, Joshua S. Ingber, Christopher A. Lucas, and Levi J. Weible

ON OCTOBER 4, 2016, the Bureau of Economic Analysis (BEA) released current-dollar statistics on personal consumption expenditures (PCE) by state for 2015. Current-dollar PCE increased in 2015 in all states and the District of Columbia, according to the statistics. The average growth for PCE nationwide was 3.6 percent, ranging from a low of 1.5 percent in Wyoming to a high of 5.0 percent in Florida. The District of Columbia experienced the highest growth at 5.2 percent. The release also provided revised statistics for 2008–2014.

PCE by state is a comprehensive measure of household consumption at the state level and reflects the value of the goods and services purchased by, or on behalf of, households by state of residence. These statistics provide a general indication of the economic well-being of the households and information on household consumption patterns across states and over time. For example, the statistics show how households allocate their spending between goods and services or between necessities and discretionary items. PCE by state statistics can also be used to show how consumers adjust their spending in reaction to economic developments.

PCE by state statistics complement BEA's other regional statistics, including disposable personal income and GDP, to provide a greater understanding of past and current regional economic conditions.

Additional highlights for 2015 include the following:

- PCE growth in most states was slower in 2015 than in 2014 with the exception of Alaska, Kentucky, and Missouri.
- States with high PCE growth in 2014 continued to experience high growth in PCE in 2015; North Dakota was a notable exception.
- The Far West, Rocky Mountain, and Southwest regions experienced the fastest growth in PCE, while the Great Lakes and Plains experienced the slowest growth.
- Health care, housing and utilities, and food services and accommodations were among the largest contributors to growth in PCE.

- Gasoline and other energy goods expenditures was the only category that subtracted from growth in PCE in all states and the District of Columbia.

The remainder of the article describes the 2015 statistics in greater detail, followed by descriptions of the data, methodology, and the annual revision. The article concludes with a brief discussion of planned areas for future improvements.

PCE by State, 2015

Regional and state growth

Average growth in state personal consumption expenditures (PCE) decelerated to 3.6 percent in 2015 from 4.4 percent in 2014 (table 1).¹ The deceleration was driven in part by a decline in gasoline prices that continued through 2015. Alaska, Kentucky, and Missouri were the only states that had higher growth rates in 2015 than in 2014. While the average PCE growth rate declined, there was a wide variation in growth among the states, ranging from 1.5 percent in Wyoming to 5.0 percent in Florida.

Similar to 2014, growth in PCE in 2015 was concentrated in the Far West region (4.5 percent) and the Rocky Mountain region (4.4 percent) (chart 1). California, Oregon, and Washington in the Far West region and Colorado and Utah in the Rocky Mountain region had growth rates of 4.5 percent or greater. Outside of these regions, rapid growth was observed in Massachusetts (3.9 percent), Florida (5.0 percent), and the District of Columbia (5.2 percent).

The slowest PCE growth was primarily concentrated in the Plains region (2.8 percent) and Great Lakes region (3.0 percent) (chart 1). Several states in the Southeast region also experienced relatively slow growth in 2015. Iowa, North Dakota, South Dakota, Indiana, Alabama, Arkansas, Mississippi, and West Virginia all had growth rates lower than 2.5 percent. Outside of these regions, slow growth was observed in New Mexico (2.3 percent), Maine (2.0 percent), and Wyoming (1.5 percent).

1. The growth rate reflects the year-over-year change in current-dollar PCE by state.

While North Dakota was the fastest growing state in 2014 with a growth rate of 7.7 percent, it was among the slowest growing states in 2015 with a growth rate of

1.9 percent. With the development of the Bakken Oil Field in western North Dakota, every sector of the economy saw unprecedented growth for several years

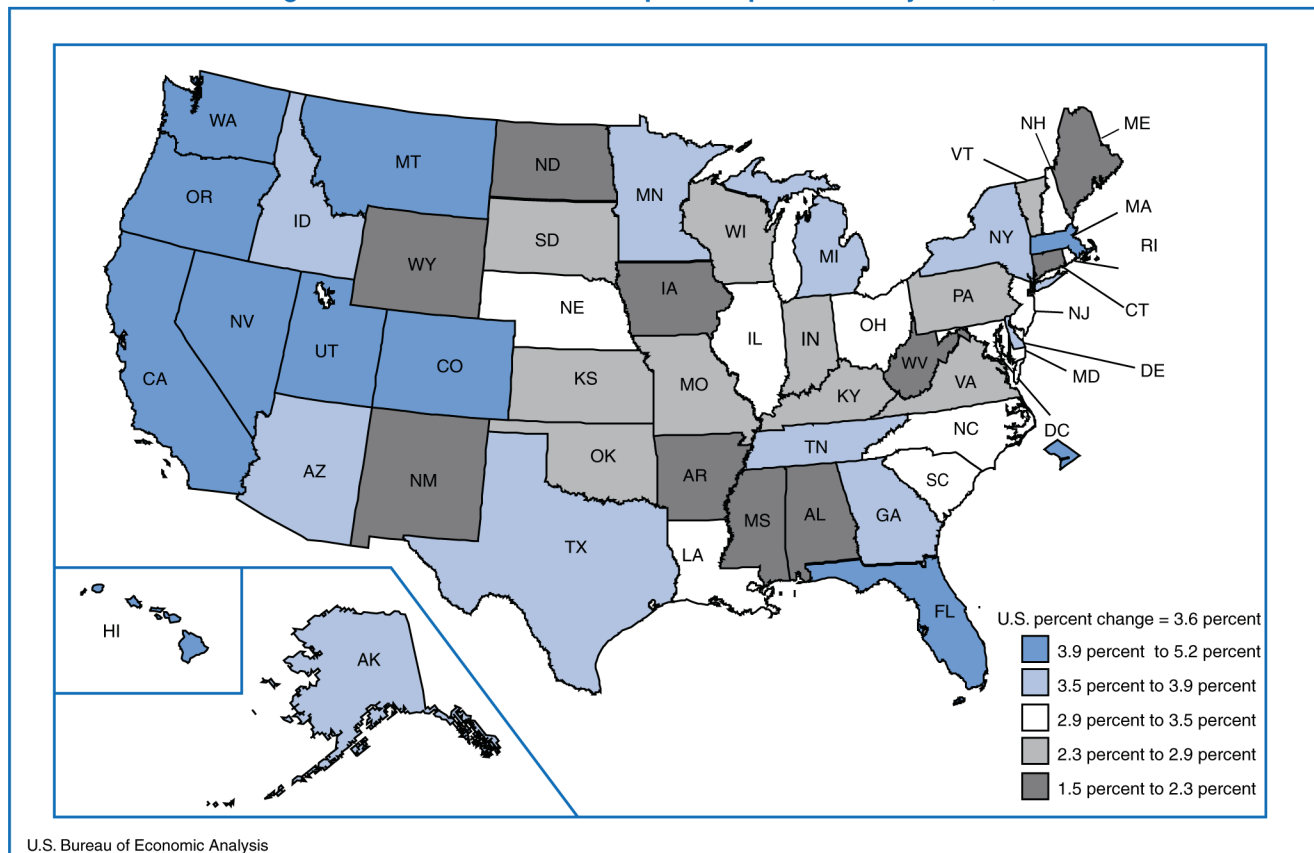
Table 1. Total Personal Consumption Expenditures by State, 2013–2015

	Millions of dollars			Percent change			Millions of dollars			Percent change	
	2013	2014	2015	2014	2015		2013	2014	2015	2014	2015
United States ¹	11,355,529	11,857,620	12,278,861	4.4	3.6	Southeast	2,607,771	2,717,993	2,814,155	4.2	3.5
New England	648,058	675,963	697,580	4.3	3.2	Alabama.....	140,835	144,697	148,022	2.7	2.3
Connecticut.....	158,498	165,027	168,787	4.1	2.3	Arkansas.....	84,737	86,948	88,737	2.6	2.1
Maine.....	52,504	54,146	55,207	3.1	2.0	Florida.....	678,158	714,791	750,615	5.4	5.0
Massachusetts.....	310,617	325,120	337,835	4.7	3.9	Georgia.....	314,823	329,065	340,740	4.5	3.5
New Hampshire.....	58,850	61,301	63,132	4.2	3.0	Kentucky.....	134,150	137,527	141,286	2.5	2.7
Rhode Island.....	40,374	42,026	43,486	4.1	3.5	Louisiana.....	146,164	152,500	157,031	4.3	3.0
Vermont.....	27,214	28,342	29,133	4.1	2.8	Mississippi.....	84,086	86,138	87,777	2.4	1.9
Mideast	2,005,456	2,091,862	2,160,595	4.3	3.3	North Carolina.....	301,342	315,735	326,451	4.8	3.4
Delaware.....	36,645	38,355	39,819	4.7	3.8	South Carolina.....	145,830	152,120	156,868	4.3	3.1
District of Columbia.....	33,432	35,207	37,032	5.3	5.2	Tennessee.....	202,730	210,891	218,250	4.0	3.5
Maryland.....	240,904	249,726	258,294	3.7	3.4	Virginia.....	316,384	327,567	336,993	3.5	2.9
New Jersey.....	395,886	410,536	423,383	3.7	3.1	West Virginia.....	58,533	60,015	61,385	2.5	2.3
New York.....	820,647	865,135	896,329	5.4	3.6	Southwest	1,286,266	1,358,759	1,407,445	5.6	3.6
Pennsylvania.....	477,942	492,903	505,738	3.1	2.6	Arizona.....	214,601	224,772	232,614	4.7	3.5
Great Lakes	1,642,423	1,701,602	1,752,572	3.6	3.0	New Mexico.....	67,889	70,380	72,022	3.7	2.3
Illinois.....	479,416	497,918	512,654	3.9	3.0	Oklahoma.....	118,850	123,823	126,736	4.2	2.4
Indiana.....	214,221	220,360	225,744	2.9	2.4	Texas.....	884,927	939,783	976,073	6.2	3.9
Michigan.....	347,817	362,062	374,871	4.1	3.5	Rocky Mountain	398,318	420,858	439,470	5.7	4.4
Ohio.....	397,768	411,526	423,481	3.5	2.9	Colorado.....	198,955	211,361	221,708	6.2	4.9
Wisconsin.....	203,201	209,736	215,823	3.2	2.9	Idaho.....	49,074	51,465	53,340	4.9	3.6
Plains	754,775	781,826	803,631	3.6	2.8	Montana.....	37,595	39,476	41,034	5.0	3.9
Iowa.....	105,501	109,080	111,289	3.4	2.0	Utah.....	90,714	95,566	100,044	5.3	4.7
Kansas.....	95,250	98,676	101,455	3.6	2.8	Wyoming.....	21,979	22,990	23,345	4.6	1.5
Minnesota.....	214,193	222,993	230,798	4.1	3.5	Far West	2,012,462	2,108,757	2,203,412	4.8	4.5
Missouri.....	209,664	214,591	220,159	2.3	2.6	Alaska.....	33,533	34,666	35,941	3.4	3.7
Nebraska.....	66,445	68,985	70,996	3.8	2.9	California.....	1,421,045	1,487,932	1,554,880	4.7	4.5
North Dakota.....	33,003	35,551	36,236	7.7	1.9	Hawaii.....	56,076	58,877	61,250	5.0	4.0
South Dakota.....	30,720	31,951	32,699	4.0	2.3	Nevada.....	92,817	97,244	101,052	4.8	3.9
						Oregon.....	139,084	146,284	153,488	5.2	4.9
						Washington.....	269,907	283,755	296,800	5.1	4.6

1. The U.S. values reported differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

NOTE: Percent change from preceding period was calculated from unrounded data. Expenditures may not sum to higher-level aggregates because of rounding.

Chart 1. Percent Change in Total Personal Consumption Expenditures by State, 2014–2015



through 2014. However, evidence of an economic slowdown emerged in 2015 as the mining sector faced sluggish oil prices abroad that depressed demand for the relatively expensive Bakken oil. That helped stall drilling and infrastructure development. The slowdown in North Dakota was also evident in other BEA regional data. In 2015, real GDP in North Dakota declined 2.1 percent, and personal income declined 1.2 percent.²

A limitation of current-dollar PCE statistics is that they reflect a joint price and demand effect. A decline in gasoline expenditures, for example, can be the result of both a decline in gasoline prices (price effect) as well as a partly offsetting increase in demand for gasoline as a result of the lower gasoline prices (a demand effect). In the absence of price-adjusted PCE statistics, a comparison of the current-dollar statistics with current-dollar personal income growth can provide useful insights. In 2015, California, Washington, Nevada, Hawaii, Oregon, Utah, Florida, Massachusetts, and the District of Columbia were among the states with rapid growth in both personal income and PCE. The fact that current-dollar personal income growth and current-dollar PCE were both high suggests that the growth in PCE might reflect more than price effects. In contrast, North Dakota, Wyoming, Mississippi, and Arkansas had the slowest growth in both personal income and PCE.

Category contributions to PCE growth

The fastest growing categories of PCE across states were food services and accommodations as well as health care (table 2). These categories along with housing and utilities were the three largest contributors to growth in total PCE by state. Each of these categories contributed 0.5 percentage point or more to growth in total PCE and collectively accounted for more than half of the overall growth (table 3). Expenditures on gasoline and other energy goods, on the other hand, declined and subtracted from growth in PCE in all states and the District of Columbia.

Health care as well as housing and utilities continued to account for the largest shares of spending in 2015. These categories were the leading contributors to growth in PCE in most states. Health care expenditures grew 6.0 percent and contributed, on average, 1.0 percentage point to growth in total PCE by state. Housing and utilities expenditures grew 4.2 percent and contributed, on average, 0.8 percentage point to growth in total PCE by state.

Health care as well as housing and utilities each contributed 1 percentage point or more to PCE growth in the Far West region and Rocky Mountain region. The contributions by these two categories were 1 percentage point or more in California, Hawaii, Oregon, Washington, and Colorado. Outside the Far West region and Rocky Mountain region, these categories were strong contributors to growth in the District of Columbia (1.3 percentage points for both health care and housing and utilities) and Florida (1.3 percentage points for health care and 1.1 percentage points for housing and utilities). North Dakota was also among these states despite its low overall growth.

Food services and accommodations was the fastest growing category in 2015; expenditures grew 7.3 percent and contributed, on average, 0.5 percentage point to growth in PCE by state. This category contributed 0.5 percentage point or more to the growth in PCE in the Far West, Rocky Mountain, Southwest, and Southeast regions and nearly half the states.

The rapid growth in expenditures on food services and accommodation contrasts with the sluggish

Data Availability

The statistics on [personal consumption expenditures](#) described in this article are available on the BEA Web site. Data are available for 1997–2015 for each state and the District of Columbia and for 16 expenditure categories. Per capita expenditures are also available.

Any inquiries about the data can be addressed to pcbystate@bea.gov.

Acknowledgments

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2. Regional [personal income](#) and [GDP data](#) are available on BEA's Web site (www.bea.gov).

growth in expenditures on food and beverages purchased for off-premises consumption (grocery items). The latter is a major component of total PCE by state, but it was the slowest growing category (1.0 percent) in 2015 and contributed little to growth in PCE by state, just 0.1 percentage point or less in all regions and all states except Vermont (0.2 percentage point) and the District of Columbia (0.2 percentage point).

Spending on gasoline and other energy goods declined 23.9 percent in 2015 and subtracted, on average,

0.8 percentage point from growth in total PCE by state. Expenditures declined in all states, ranging from 27.4 percent in Hawaii to 17.5 percent in New Mexico.

Per capita PCE by state

Per capita PCE by state measures average PCE spending per person in a state, enabling spending comparisons across states (chart 2 and table 4, page 6). In 2015, the average per capita PCE by state was \$38,196, ranging from a high of \$49,717 in Massachusetts to a low of

Table 2. Percent Change from Preceding Period of Personal Consumption Expenditures by State, 2014–2015

[Percent]

	Total PCE by state	Durable goods				Nondurable goods				Services							
		Motor vehicles and parts	Furnishings and durable household equipment	Recreational goods and vehicles	Other durable goods	Off-premises food and beverages	Clothing and footwear	Gasoline and other energy goods	Other nondurable goods	Housing and utilities	Health care	Transportation services	Recreation services	Food services and accommodations	Financial services and insurance	Other services	Final consumption expenditures of NPISHs
United States¹	3.6	5.0	4.5	5.0	3.7	1.0	2.3	-23.9	5.9	4.2	6.0	4.0	3.3	7.3	4.0	3.7	4.6
New England	3.2	4.7	3.4	4.7	3.6	1.2	1.0	-24.0	5.3	3.6	4.0	4.0	3.8	6.7	3.5	5.2	5.7
Connecticut	2.3	4.4	3.1	3.4	2.7	1.3	0.1	-24.2	5.4	3.5	1.7	2.5	3.3	5.5	2.7	1.4	7.6
Maine	2.0	5.1	1.9	2.6	4.0	1.3	0.1	-24.2	4.1	1.3	4.9	6.2	2.4	6.2	3.1	4.7	3.8
Massachusetts	3.9	4.8	3.8	5.7	4.3	1.2	1.3	-23.4	5.7	3.9	4.7	4.5	4.6	7.2	4.0	6.8	5.6
New Hampshire	3.0	4.6	4.7	4.9	2.3	0.5	1.3	-24.2	4.3	3.4	4.8	5.2	3.4	6.9	4.0	6.5	5.0
Rhode Island	3.5	4.6	3.5	3.0	3.4	0.9	2.5	-23.7	5.2	4.3	3.9	4.0	2.1	6.9	3.4	6.2	5.1
Vermont	2.8	4.3	1.1	5.3	3.6	1.8	1.8	-26.0	4.5	3.7	4.8	3.8	3.7	7.5	2.8	6.3	4.2
Mideast	3.3	4.8	2.6	3.0	3.7	1.0	1.8	-23.3	6.3	3.9	4.5	2.9	2.9	5.5	3.4	4.8	3.7
Delaware	3.8	4.6	5.2	2.7	4.0	0.8	2.2	-21.2	6.1	5.2	5.7	2.8	2.2	8.0	3.8	4.2	4.7
District of Columbia	5.2	5.3	4.3	3.7	4.8	2.3	1.9	-24.3	7.8	6.8	6.6	2.8	1.4	8.4	3.8	8.0	-0.4
Maryland	3.4	5.3	3.2	4.7	0.5	0.9	1.8	-24.3	6.3	3.9	6.6	3.7	1.1	6.8	3.8	3.2	2.4
New Jersey	3.1	4.8	2.3	3.9	4.0	1.1	2.1	-23.2	8.4	4.0	4.9	1.2	1.1	3.5	3.6	3.6	2.7
New York	3.6	4.3	2.8	2.8	4.8	1.4	2.1	-23.3	6.1	3.9	3.6	3.6	4.5	5.8	3.4	6.1	4.4
Pennsylvania	2.6	5.0	2.2	1.7	2.9	0.3	0.7	-22.9	5.0	3.3	4.5	2.7	2.8	5.2	3.0	4.0	4.4
Great Lakes	3.0	5.3	5.3	4.4	3.9	0.6	1.1	-23.1	5.9	2.6	5.2	4.5	2.2	7.6	3.3	2.8	5.0
Illinois	3.0	5.9	5.8	4.9	4.8	0.7	1.7	-25.0	5.7	2.0	4.7	4.3	2.6	8.5	3.2	2.4	2.8
Indiana	2.4	5.0	5.2	4.1	3.1	0.3	0.9	-24.9	2.9	2.7	6.1	2.9	1.0	7.3	3.7	2.7	5.0
Michigan	3.5	5.1	5.1	3.7	4.8	0.9	0.8	-22.6	7.7	2.8	5.5	6.6	3.0	7.8	4.0	3.1	5.7
Ohio	2.9	5.0	4.4	4.5	3.6	0.4	0.9	-22.4	5.7	3.0	5.0	4.1	1.7	6.6	2.9	2.9	6.8
Wisconsin	2.9	4.8	6.4	4.3	1.3	0.8	0.9	-20.2	5.8	2.5	5.3	3.1	2.5	7.7	3.1	3.2	4.6
Plains	2.8	4.9	3.6	3.1	3.3	0.8	1.9	-22.8	5.3	3.5	6.0	2.9	3.4	7.4	2.0	3.8	5.3
Iowa	2.0	5.1	0.7	2.8	2.7	1.2	1.2	-20.2	3.6	2.5	5.5	1.9	2.7	5.6	0.0	4.6	3.8
Kansas	2.8	4.4	3.5	3.6	4.3	0.7	1.1	-22.0	6.9	2.5	5.2	2.0	3.3	6.6	2.1	4.6	4.0
Minnesota	3.5	5.0	5.2	2.1	4.5	0.5	2.1	-22.8	6.7	2.9	6.5	3.5	3.5	8.6	3.2	5.4	6.0
Missouri	2.6	5.1	2.8	3.3	0.8	0.2	2.1	-23.5	4.6	4.2	5.8	3.0	3.5	8.1	2.7	1.2	5.8
Nebraska	2.9	5.3	4.8	4.8	3.2	1.6	1.9	-23.3	5.3	3.8	6.8	3.1	3.5	7.2	1.2	4.7	5.7
North Dakota	1.9	4.0	3.6	3.7	4.2	2.2	2.1	-25.4	4.1	8.6	8.2	1.9	3.8	1.7	0.0	2.5	5.9
South Dakota	2.3	4.8	5.0	5.9	3.9	1.3	2.7	-22.7	3.8	3.2	4.5	3.9	3.7	8.5	0.0	4.5	4.4
Southeast	3.5	5.0	4.3	5.7	3.6	1.0	2.4	-25.1	5.3	4.7	6.5	5.0	3.2	6.8	4.4	3.5	4.1
Alabama	2.3	4.7	3.7	3.4	1.3	0.3	0.7	-24.9	4.8	3.3	5.2	2.7	0.8	6.6	4.0	1.3	5.2
Arkansas	2.1	4.5	4.0	2.3	1.4	0.9	2.1	-24.9	4.4	3.0	5.3	1.3	2.1	7.5	3.8	0.3	7.3
Florida	5.0	5.1	6.3	7.3	3.9	1.2	4.3	-24.1	7.3	5.9	8.0	7.4	4.5	8.2	4.8	3.7	-9.5
Georgia	3.5	5.5	4.9	6.7	6.0	1.2	2.6	-24.3	5.8	4.7	7.7	5.7	1.7	3.5	5.0	3.1	3.8
Kentucky	2.7	5.2	2.6	7.1	4.7	0.3	0.9	-25.7	2.7	3.5	6.7	3.5	1.0	6.9	4.4	3.3	6.1
Louisiana	3.0	4.6	1.5	4.4	4.4	0.8	1.4	-26.0	4.8	3.8	6.8	1.1	4.2	6.6	3.4	3.9	4.1
Mississippi	1.9	4.7	0.5	2.4	3.0	0.3	1.3	-25.6	5.4	2.9	3.7	1.5	0.6	5.2	2.9	4.3	8.6
North Carolina	3.4	5.3	3.9	7.0	3.3	1.1	2.8	-25.6	5.5	5.0	4.3	6.2	3.0	7.2	4.6	5.3	-2.4
South Carolina	3.1	3.6	3.6	6.1	2.3	1.2	1.9	-25.5	3.7	4.0	7.0	3.3	4.8	8.0	4.9	4.5	5.8
Tennessee	3.5	5.8	5.4	3.0	2.2	0.9	1.3	-25.1	3.8	4.0	7.0	5.5	7.1	7.3	4.6	3.2	5.6
Virginia	2.9	4.9	1.4	3.8	3.5	0.8	1.1	-26.4	4.5	4.5	5.2	3.8	1.5	6.8	4.0	2.9	2.2
West Virginia	2.3	4.5	2.5	4.4	2.7	0.4	1.6	-22.4	4.2	3.1	5.0	0.6	0.6	2.1	2.2	4.8	5.9
Southwest	3.6	5.0	5.2	4.8	3.6	1.5	3.0	-23.9	5.0	5.4	6.8	2.7	3.1	7.3	3.9	3.4	5.3
Arizona	3.5	5.0	2.7	1.8	2.6	1.4	2.4	-22.9	5.4	5.1	5.2	2.6	3.7	7.8	4.4	2.9	7.9
New Mexico	2.3	5.0	1.0	3.9	3.0	0.9	0.3	-17.5	3.5	3.1	4.1	0.7	2.2	4.9	3.7	4.7	3.9
Oklahoma	2.4	4.6	2.7	0.6	3.0	1.5	1.1	-23.2	4.9	4.4	5.6	2.2	0.6	5.9	2.2	3.2	5.1
Texas	3.9	5.0	6.4	6.1	3.9	1.6	3.5	-24.8	5.0	5.7	7.6	2.9	3.4	7.6	4.1	3.5	4.9
Rocky Mountain	4.4	5.2	6.1	5.9	5.5	1.4	3.0	-23.4	7.8	5.3	7.3	5.1	4.9	8.8	4.4	4.2	1.8
Colorado	4.9	5.3	6.2	5.2	5.0	1.4	2.9	-24.0	7.5	5.9	8.9	5.6	4.5	9.1	4.7	3.3	-1.3
Idaho	3.6	5.0	6.4	6.5	5.1	1.2	2.8	-23.8	8.5	4.3	6.1	4.9	3.6	8.2	3.1	3.9	6.9
Montana	3.9	4.6	5.8	6.5	6.6	1.6	1.9	-22.3	6.9	4.8	7.0	4.8	4.8	8.3	4.1	4.7	4.6
Utah	4.7	5.7	6.1	7.2	7.2	1.6	3.8	-22.8	8.7	4.4	5.3	4.3	6.7	9.6	5.2	7.1	6.1
Wyoming	1.5	4.0	4.3	2.4	0.7	1.0	1.5	-23.9	5.1	5.7	4.3	2.9	3.3	5.0	1.6	2.2	2.9
Far West	4.5	4.9	5.6	6.5	3.8	1.1	3.7	-23.9	7.0	4.7	7.3	4.9	4.1	9.2	5.5	2.7	4.8
Alaska	3.7	4.4	0.5	3.2	5.5	0.3	1.8	-25.5	7.6	5.5	7.7	1.7	4.0	6.3	3.7	1.1	2.8
California	4.5	4.9	5.8	6.9	4.4	1.1	4.0	-23.9	7.4	4.6	7.2	5.2	3.8	9.6	5.8	1.4	5.5
Hawaii	4.0	4.5	3.8	4.7	1.7	1.0	2.6	-27.4	4.5	4.7	7.3	4.8	3.7	6.3	4.4	5.4	0.9
Nevada	3.9	4.9	4.7	4.0	3.3	1.3	0.9	-23.8	7.2	4.4	7.6	5.1	5.0	4.5	5.2	3.8	3.7
Oregon	4.9	5.0	6.1	6.4	3.0	1.5	3.4	-23.0	6.6	4.9	9.2	4.5	4.8	9.9	5.4	4.0	4.7
Washington	4.6	4.8	5.4	5.9	1.2	1.0	3.2	-23.8	6.1	5.1	6.7	4.0	4.6	8.0	4.4	8.0	3.7

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad

less personal remittances in kind to nonresidents.

NOTE: Percent change from preceding period was calculated from unrounded data.

\$29,330 in Mississippi. The District of Columbia as a metropolitan area had the highest per capita spending of \$55,078.

More pronounced differences in spending across states were observed in detailed spending categories. Average per capita PCE on housing and utilities was \$6,947, ranging from a high of \$9,482 in New Jersey to a low of \$4,573 in West Virginia. States with high per capita spending on housing and utilities tend to correspond to those with high price levels for housing ser-

vices as measured by BEA's regional price parities.

The average per capita PCE on health care was \$6,436, ranging from a high of \$9,645 in Alaska to a low of \$4,796 in Utah. In 2015, per capita health care expenditures exceeded per capita expenditures on housing and utilities in more than half the states. States where health care expenditures accounted for a larger share of spending than expenditures on housing and utilities were located primarily in the Great Lakes, Plains, and Southeast regions.

Table 3. Category Contributions to Percent Change in Total Personal Consumption Expenditures by State, 2015

[Percentage points]

	Total PCE by state	Durable goods				Nondurable goods				Services							
		Motor vehicles and parts	Furnishings and durable household equipment	Recreational goods and vehicles	Other durable goods	Off-premises food and beverages	Clothing and footwear	Gasoline and other energy goods	Other nondurable goods	Housing and utilities	Health care	Transportation services	Recreation services	Food services and accommodations	Financial services and insurance	Other services	Final consumption expenditures of NPISHs
United States¹	3.6	0.2	0.1	0.2	0.1	0.1	0.1	-0.8	0.5	0.8	1.0	0.1	0.1	0.5	0.3	0.3	0.1
New England	3.2	0.1	0.1	0.1	0.1	0.1	0.0	-0.7	0.4	0.7	0.7	0.1	0.1	0.4	0.3	0.5	0.2
Connecticut.....	2.3	0.1	0.1	0.1	0.0	0.1	0.0	-0.7	0.4	0.7	0.3	0.1	0.1	0.3	0.2	0.1	0.2
Maine.....	2.0	0.2	0.0	0.1	0.1	0.1	0.0	-1.3	0.3	0.2	0.9	0.1	0.1	0.4	0.2	0.4	0.2
Massachusetts.....	3.9	0.1	0.1	0.2	0.1	0.1	0.0	-0.6	0.4	0.7	0.9	0.1	0.2	0.4	0.3	0.7	0.2
New Hampshire.....	3.0	0.2	0.1	0.1	0.0	0.0	0.0	-1.0	0.4	0.6	0.8	0.2	0.1	0.4	0.3	0.6	0.2
Rhode Island.....	3.5	0.1	0.1	0.1	0.1	0.1	0.1	-0.6	0.4	0.8	0.7	0.1	0.1	0.5	0.3	0.6	0.2
Vermont.....	2.8	0.2	0.0	0.2	0.0	0.2	0.0	-1.2	0.3	0.6	0.8	0.1	0.1	0.4	0.2	0.7	0.2
Mideast	3.3	0.1	0.1	0.1	0.1	0.1	0.1	-0.6	0.5	0.7	0.7	0.1	0.1	0.3	0.3	0.5	0.1
Delaware.....	3.8	0.2	0.1	0.1	0.1	0.1	0.1	-0.6	0.3	0.9	1.1	0.1	0.1	0.5	0.3	0.5	0.1
District of Columbia.....	5.2	0.1	0.1	0.1	0.1	0.2	0.1	-0.4	0.4	1.3	1.3	0.1	0.0	0.5	0.3	1.1	0.0
Maryland.....	3.4	0.2	0.1	0.1	0.0	0.1	0.1	-0.6	0.5	0.8	1.0	0.1	0.0	0.4	0.3	0.3	0.1
New Jersey.....	3.1	0.2	0.1	0.1	0.1	0.1	0.1	-0.6	0.6	0.8	0.7	0.0	0.0	0.2	0.3	0.4	0.1
New York.....	3.6	0.1	0.1	0.1	0.1	0.1	0.1	-0.5	0.5	0.7	0.6	0.2	0.2	0.4	0.2	0.6	0.1
Pennsylvania.....	2.6	0.2	0.1	0.1	0.0	0.0	0.0	-0.8	0.4	0.5	0.8	0.1	0.1	0.3	0.2	0.4	0.2
Great Lakes	3.0	0.2	0.1	0.1	0.1	0.0	0.0	-0.8	0.5	0.4	0.9	0.1	0.1	0.4	0.2	0.2	0.2
Illinois.....	3.0	0.2	0.1	0.1	0.1	0.0	0.1	-0.7	0.5	0.4	0.8	0.1	0.1	0.5	0.2	0.2	0.1
Indiana.....	2.4	0.2	0.1	0.1	0.0	0.0	0.0	-1.1	0.3	0.4	1.1	0.1	0.0	0.4	0.3	0.2	0.2
Michigan.....	3.5	0.2	0.1	0.1	0.1	0.1	0.0	-0.8	0.9	0.5	0.9	0.3	0.1	0.4	0.3	0.2	0.3
Ohio.....	2.9	0.2	0.1	0.1	0.1	0.0	0.0	-0.8	0.5	0.5	1.0	0.1	0.1	0.4	0.2	0.2	0.3
Wisconsin.....	2.9	0.2	0.2	0.2	0.0	0.1	0.0	-0.8	0.5	0.4	1.0	0.1	0.1	0.4	0.2	0.3	0.2
Plains	2.8	0.2	0.1	0.1	0.1	0.1	0.1	-1.1	0.4	0.6	1.1	0.1	0.1	0.4	0.1	0.3	0.2
Iowa.....	2.0	0.2	0.0	0.1	0.0	0.1	0.0	-1.1	0.3	0.4	0.9	0.0	0.1	0.3	0.0	0.4	0.1
Kansas.....	2.8	0.2	0.1	0.1	0.1	0.1	0.0	-0.9	0.6	0.4	0.9	0.1	0.1	0.4	0.2	0.4	0.1
Minnesota.....	3.5	0.2	0.1	0.1	0.1	0.0	0.1	-0.9	0.5	0.5	1.1	0.1	0.2	0.5	0.2	0.5	0.2
Missouri.....	2.6	0.2	0.1	0.1	0.0	0.0	0.1	-1.1	0.4	0.7	1.1	0.1	0.2	0.5	0.2	0.1	0.2
Nebraska.....	2.9	0.3	0.1	0.1	0.1	0.1	0.1	-1.3	0.5	0.6	1.2	0.1	0.1	0.4	0.1	0.4	0.2
North Dakota.....	1.9	0.2	0.1	0.1	0.1	0.1	0.1	-2.2	0.3	1.1	1.2	0.1	0.1	0.1	0.0	0.2	0.2
South Dakota.....	2.3	0.2	0.1	0.2	0.1	0.1	0.1	-1.3	0.3	0.5	0.9	0.1	0.1	0.5	0.0	0.3	0.1
Southeast	3.5	0.2	0.1	0.2	0.1	0.1	0.1	-0.9	0.5	0.8	1.1	0.1	0.1	0.5	0.3	0.3	0.0
Alabama.....	2.3	0.2	0.1	0.1	0.0	0.0	0.0	-1.1	0.5	0.5	0.9	0.1	0.0	0.4	0.3	0.1	0.1
Arkansas.....	2.1	0.2	0.1	0.1	0.0	0.1	0.1	-1.3	0.4	0.5	1.0	0.0	0.1	0.4	0.3	0.0	0.1
Florida.....	5.0	0.2	0.2	0.3	0.1	0.1	0.1	-0.7	0.6	1.1	1.3	0.2	0.1	0.7	0.3	0.3	0.0
Georgia.....	3.5	0.2	0.1	0.2	0.1	0.1	0.1	-0.9	0.6	0.8	1.1	0.1	0.1	0.2	0.4	0.3	0.0
Kentucky.....	2.7	0.2	0.1	0.2	0.1	0.0	0.0	-1.2	0.3	0.5	1.2	0.1	0.0	0.4	0.3	0.2	0.2
Louisiana.....	3.0	0.2	0.0	0.1	0.1	0.1	0.0	-1.1	0.4	0.6	1.3	0.0	0.1	0.5	0.3	0.3	0.1
Mississippi.....	1.9	0.2	0.0	0.1	0.0	0.0	0.0	-1.3	0.6	0.5	0.7	0.0	0.0	0.3	0.2	0.3	0.2
North Carolina.....	3.4	0.2	0.1	0.2	0.1	0.1	0.1	-1.0	0.6	0.9	0.7	0.1	0.1	0.5	0.3	0.4	0.0
South Carolina.....	3.1	0.1	0.1	0.2	0.0	0.1	0.1	-1.3	0.4	0.7	1.2	0.1	0.2	0.6	0.4	0.4	0.1
Tennessee.....	3.5	0.3	0.1	0.1	0.0	0.1	0.0	-0.9	0.3	0.7	1.3	0.1	0.2	0.5	0.4	0.2	0.1
Virginia.....	2.9	0.2	0.0	0.1	0.1	0.1	0.0	-0.9	0.4	0.9	0.7	0.1	0.1	0.4	0.3	0.3	0.0
West Virginia.....	2.3	0.2	0.1	0.1	0.0	0.0	0.0	-1.0	0.4	0.4	1.0	0.0	0.0	0.1	0.2	0.4	0.3
Southwest	3.6	0.2	0.1	0.1	0.1	0.1	0.1	-1.0	0.5	0.9	1.1	0.1	0.1	0.5	0.3	0.3	0.1
Arizona.....	3.5	0.2	0.1	0.1	0.0	0.1	0.1	-0.8	0.6	1.0	0.8	0.1	0.1	0.6	0.3	0.2	0.1
New Mexico.....	2.3	0.2	0.0	0.1	0.1	0.1	0.0	-0.8	0.4	0.5	0.7	0.0	0.1	0.3	0.3	0.3	0.1
Oklahoma.....	2.4	0.2	0.1	0.0	0.1	0.1	0.0	-1.3	0.4	0.7	1.0	0.0	0.0	0.4	0.2	0.3	0.0
Texas.....	3.9	0.3	0.2	0.2	0.1	0.1	0.1	-1.0	0.4	0.9	1.2	0.1	0.1	0.5	0.3	0.3	0.1
Rocky Mountain	4.4	0.2	0.2	0.2	0.1	0.1	0.1	-0.9	0.8	1.0	1.0	0.2	0.2	0.6	0.3	0.4	0.0
Colorado.....	4.9	0.2	0.2	0.2	0.1	0.1	0.1	-0.6	0.7	1.2	1.2	0.2	0.2	0.7	0.3	0.3	0.0
Idaho.....	3.6	0.2	0.2	0.2	0.1	0.1	0.1	-1.1	0.8	0.8	1.0	0.1	0.1	0.5	0.2	0.3	0.1
Montana.....	3.9	0.2	0.2	0.3	0.1	0.1	0.0	-1.1	0.6	0.7	1.2	0.1	0.1	0.5	0.3	0.4	0.1
Utah.....	4.7	0.2	0.2	0.3	0.1	0.1	0.1	-0.9	0.9	0.8	0.8	0.1	0.3	0.6	0.4	0.5	0.1
Wyoming.....	1.5	0.2	0.1	0.1	0.0	0.1	0.0	-1.8	0.4	1.0	0.6	0.1	0.1	0.4	0.1	0.2	0.0
Far West	4.5	0.2	0.1	0.2	0.1	0.1	0.1	-0.6	0.5	1.0	1.1	0.2	0.2	0.6	0.4	0.2	0.1
Alaska.....	3.7	0.1	0.0	0.1	0.1	0.0	0.0	-0.8	0.6	0.9	1.5	0.0	0.1	0.4	0.3	0.1	0.1
California.....	4.5	0.2	0.1	0.2	0.1	0.1	0.1	-0.6	0.5	1.0	1.1	0.2	0.1	0.7	0.4	0.1	0.1
Hawaii.....	4.0	0.1	0.1	0.2	0.0	0.1	0.1	-0.5	0.4	1.0	1.1	0.1	0.1	0.3	0.3	0.5	0.0
Nevada.....	3.9	0.2	0.1	0.1	0.1	0.1	0.0	-0.8	0.8	0.9	1.0	0.1	0.2	0.2	0.4	0.3	0.1
Oregon.....	4.9	0.2	0.2	0.2	0.0	0.1	0.1	-0.7	0.5	1.0	1.5	0.1	0.2	0.6	0.4	0.3	0.1
Washington.....	4.6	0.1	0.1	0.3	0.0	0.1	0.1	-0.6	0.5	1.0	1.1	0.1	0.2	0.5	0.3	0.7	0.1

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad.

less personal remittances in kind to nonresidents.

NOTE: Category contributions were calculated from unrounded data and may not sum up due to rounding.

Per capita expenditures on food and beverages for off-premises consumption (grocery items) and gaso-

line and energy goods accounted for a smaller share of total PCE than either housing and utilities or health

Chart 2. Per Capita Total Personal Consumption Expenditures by State, 2015

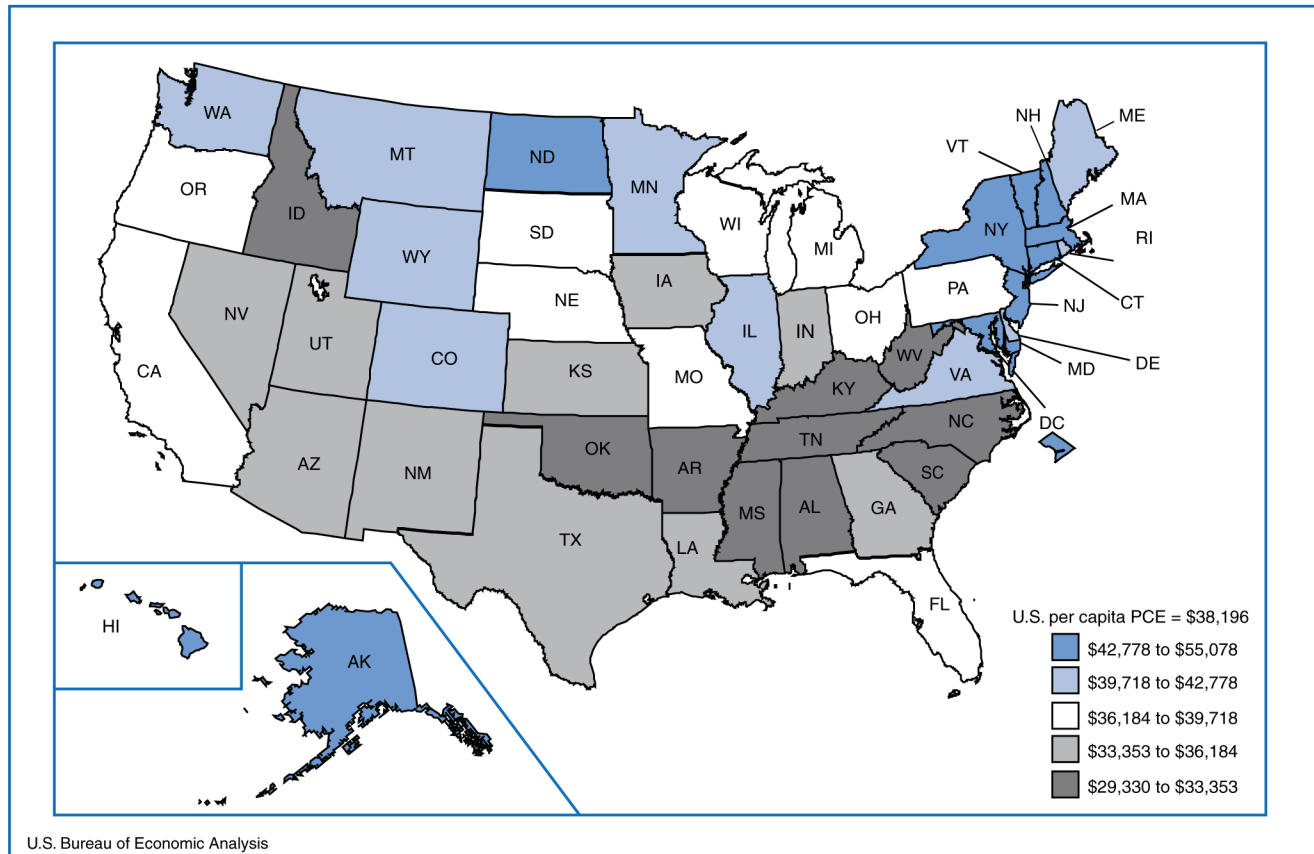


Table 4. Per Capita Personal Consumption Expenditures by State for Select Categories, 2015

[Dollars]

	Total personal consumption expenditures	Housing and utilities	Health care	Off-premises food and beverages	Gasoline and other energy goods	All other personal consumption expenditures		Total personal consumption expenditures	Housing and utilities	Health care	Off-premises food and beverages	Gasoline and other energy goods	All other personal consumption expenditures
United States¹	38,196	6,947	6,436	2,802	945	21,067	Southeast	34,239	6,098	5,880	2,750	930	18,582
New England	47,360	8,653	8,320	3,403	1,066	25,918	Alabama.....	30,459	5,032	5,457	2,493	983	16,493
Connecticut	46,998	9,348	7,458	3,264	966	25,961	Arkansas.....	29,791	4,606	5,499	2,360	1,143	16,183
Maine.....	41,525	6,322	7,691	3,814	1,654	22,044	Florida.....	37,020	7,018	6,351	2,880	723	20,048
Massachusetts	49,717	8,948	9,187	3,367	921	27,294	Georgia.....	33,353	5,904	5,187	2,747	945	18,570
New Hampshire.....	47,441	8,653	7,866	3,635	1,450	25,836	Kentucky.....	31,925	5,052	5,981	2,862	1,036	16,994
Rhode Island.....	41,163	7,872	7,418	2,831	793	22,248	Louisiana.....	33,616	5,494	6,387	2,673	1,047	18,015
Vermont.....	46,531	7,727	7,661	4,196	1,600	25,347	Mississippi.....	29,330	4,735	5,677	2,531	1,075	15,312
Mideast	43,925	8,086	7,324	2,866	816	24,832	North Carolina.....	32,501	5,653	5,513	2,683	948	17,704
Delaware.....	42,088	7,327	8,070	3,247	919	22,526	South Carolina.....	32,033	5,331	5,517	2,759	1,157	17,270
District of Columbia.....	55,078	10,569	11,021	3,883	708	28,897	Tennessee.....	33,062	5,672	6,169	2,743	906	17,572
Maryland.....	42,997	9,390	6,897	2,772	837	23,100	Virginia.....	40,195	8,288	5,848	2,877	954	22,228
New Jersey.....	47,256	9,482	6,778	3,181	876	26,939	West Virginia.....	33,282	4,573	7,126	2,716	1,119	17,750
New York.....	45,272	8,133	7,571	2,755	655	26,159	Southwest	34,924	5,975	5,652	2,657	1,079	19,560
Pennsylvania.....	39,498	6,352	7,278	2,781	1,011	22,076	Arizona.....	34,061	6,569	5,216	2,655	900	18,720
Great Lakes	37,454	6,210	6,784	2,663	981	20,815	New Mexico.....	34,535	5,626	6,146	2,691	1,339	18,734
Illinois.....	39,859	7,054	6,569	2,552	758	22,926	Oklahoma.....	32,397	5,062	6,306	2,282	1,309	17,438
Indiana.....	34,098	5,442	6,501	2,566	1,108	18,481	Texas.....	35,527	5,984	5,629	2,709	1,071	20,133
Michigan.....	37,775	6,202	6,625	2,722	1,015	21,211	Rocky Mountain	37,471	6,995	5,538	2,863	1,009	21,067
Ohio.....	36,460	5,685	7,146	2,732	1,027	19,871	Colorado.....	40,625	8,105	5,719	2,972	783	23,047
Wisconsin.....	37,391	6,282	7,135	2,782	1,187	20,006	Idaho.....	32,226	5,653	5,507	2,803	1,141	17,122
Plains	38,045	6,145	6,866	2,746	1,366	20,923	Montana.....	39,718	6,115	6,739	3,356	1,481	22,027
Iowa.....	35,621	5,457	6,175	2,815	1,499	19,675	Utah.....	33,389	5,991	4,796	2,468	932	19,202
Kansas.....	34,840	5,683	6,301	2,863	1,045	18,948	Wyoming.....	39,825	7,136	5,628	3,164	2,291	21,607
Minnesota.....	42,038	7,323	7,482	2,768	1,179	23,285	Far West	39,763	8,365	6,275	2,892	746	21,485
Missouri.....	36,184	5,856	6,758	2,596	1,314	19,659	Alaska.....	48,666	8,221	9,645	3,965	1,070	25,765
Nebraska.....	37,437	5,687	6,678	2,713	1,561	20,799	California.....	39,715	8,612	6,217	2,750	739	21,397
North Dakota.....	47,864	6,544	7,710	3,111	2,994	27,504	Hawaii.....	42,778	8,945	6,542	3,605	509	23,178
South Dakota.....	38,085	5,378	7,783	2,760	1,672	20,492	Nevada.....	34,949	6,787	4,885	2,796	812	19,670
							Oregon.....	38,090	7,393	6,473	3,318	805	20,101
							Washington.....	41,386	8,096	6,645	3,212	740	22,693

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less

personal remittances in kind to nonresidents.

NOTE: Per capita values were calculated from unrounded data.

care. The average per capita PCE on food and beverages purchased for off-premises consumption was \$2,802, ranging from a high of \$4,196 in Vermont to a low of \$2,282 in Oklahoma.

The average per capita PCE on gasoline and other energy goods was \$945, ranging from a high of \$2,994 in North Dakota to a low of \$509 in Hawaii. Per capita expenditures on gasoline and other energy goods declined in 2015, reflecting a decline in oil prices and therefore a decline in gasoline prices.

Data and Methodology

The PCE by state statistics are created with detailed state-level source data in three main steps:

- An initial set of annual expenditure estimates is created for 77 detailed categories.³
- These initial estimates are then scaled across states to match the national PCE category totals and

3. This is the level of category detail published in table 2.4.5 in the national income and product accounts (NIPAs).

aggregated to the 16 categories for publication.⁴

- The expenditures are adjusted with household survey-based data when evaluation indicates out-of-state spending is present.

The methods used to prepare the detailed estimates fall into three main categories, depending on the data that are available for each spending category.

Receipts and expenditures. State-level receipts from the economic census are used for almost all categories of goods and for many categories of services, accounting for approximately 60 percent of PCE by state in a given census year.⁵

The total receipts for the industries that provide goods and services to consumers are first adjusted with state-level information on class of customer to remove

4. The category detail in the PCE by state statistics corresponds to the category detail published in NIPA table 2.3.5.

5. Economic census receipts of nonstore retailers introduce bias and are excluded from the estimation of PCE by state. The resulting distribution of receipts implicitly assumes that the online and mail order sales are geographically distributed in the same pattern as the store-based sales.

Personal Consumption Expenditures (PCE) by State Statistics: Concepts and Definitions

PCE by state is the state counterpart of national PCE, which measures the value of the goods and services purchased by, and on behalf of, households. PCE by state measures household consumption based on households' state of residence in the 50 states and the District of Columbia. Examples of purchases made on behalf of households include health care services paid for by Medicare and Medicaid and education services provided by nonprofit institutions or the government.

In addition to out-of-pocket household purchases and purchases made by third parties on behalf of households, PCE by state also includes imputations for the consumption of goods and services without market transactions. The two main imputations in PCE by state are owner-occupied housing and financial services with no explicit charge.

The housing imputation approximates the value of housing services provided by owner-occupied housing. This imputation ensures that the treatment of owner-occupied housing is comparable with that of tenant-occupied housing, which is valued by rent paid. Because homeowners consume the service of shelter whether or not they owe a mortgage, this imputation represents the rent that homeowners would pay if they rented the home that they own.

The financial services imputation approximates the value of financial services that households receive either without payment or for a small fee, which does not reflect the full value of the service. Examples of these services include no-additional-fee checking accounts, record keeping, and safekeeping of deposits.

Finally, PCE by state includes the net expenditures of

nonprofit institutions serving households (NPISHs). Since the services by NPISHs are typically provided to households for less than the cost of the service, these net expenditures represent the value of the services that is unaccounted for by households' out-of-pocket purchases.¹

PCE by state statistics are consistent with BEA's national PCE statistics with respect to concepts and definitions and with BEA's regional income statistics with respect to residency. The latter allows for meaningful comparisons of household income and consumption within a given geography.

There are minor differences in coverage between the regional and national PCE statistics, which stem from differences in residency definitions across these statistics.² PCE by state excludes the net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.³ These expenditures are included in national PCE, but they cannot be attributed to a particular state. However, PCE by state does include the travel expenditures abroad by U.S. residents.

1. For more information on PCE concepts and definitions, see "Chapter 5. Personal Consumption Expenditures" in *Concepts and Methods of the U.S. National Income and Product Accounts*.

2. For a more detailed discussion on residency in the national and regional economic accounts, see Christian Awuku-Budu, Ledia Guci, Christopher A. Lucas, and Charles Ian Mead, "Prototype Personal Consumption Expenditures by State," *SURVEY OF CURRENT BUSINESS* 94 (September 2014).

3. In 2015, the net expenditures abroad by U.S. residents accounted for less than 0.04 percent of national total PCE.

non-household purchases such as purchases by businesses and government. When state-level information on class of customer is not available, national information from BEA's input-output tables is used to make a similar adjustment. The receipts attributed to households are then broken out into purchases of goods and services and mapped to various PCE categories using the economic census product and service line information.

For the intercensal years, the industry receipts are extended using wage and salary information for the workers employed in the establishments within the state that provide the goods and services to consumers. These data comes from the quarterly census of employment and wages collected by the Bureau of Labor Statistics.

For some subcategories within health care, annual expenditure data are used in addition to economic census receipts. These estimates use data on health spending by state of residence tabulated by the Center for Medicare and Medicaid Services. Because these statistics are available on an annual basis, wage and salary data are only used to create statistics for years that source data has not yet become available.

Price times quantity. This method is used to generate expenditures on tenant-occupied and owner-occupied housing, utilities, higher education, and foreign travel by U.S. residents.

For tenant-occupied housing, rental housing units and average monthly rent data from the 1-year files of the American Community Survey are used to generate estimates for the years 2000 to 2014. For other years, the growth in tenant-occupied housing expenditures is extrapolated using state population growth as a correlated indicator.

Owner-occupied housing expenditures are imputed using the tenant-occupied rent expenditures and state-level owner-to-renter expenditure ratios. This allows for the value of the services of owner-occupied housing to be imputed based on the rents charged for similar tenant-occupied housing. The owner-to-renter ratios are based on directly observed rent expenditure data and imputed owner-equivalent data used to estimate the regional price parities.⁶

6. For more information on these expenditures and the methodology for regional price parities, see Bettina H. Aten and Eric B. Figueroa, "Real Personal Income and Regional Price Parities," *SURVEY OF CURRENT BUSINESS* 95 (July 2015).

Residency Adjustments in PCE by State

Residency definitions are important to the regional economic accounts to align measures of income and consumption within a given geography. PCE by state statistics use the residency concept of regional income statistics so state expenditures correspond to the same population used to measure state personal income.

For regional income statistics, a resident is considered to be a participant in a regional economy regardless of national allegiance or duration of residence. Regional income statistics exclude the income earned by U.S. residents living abroad, but include the income earned by foreign nationals working in the U.S. PCE by state also excludes net expenditures of U.S. residents abroad. PCE by state, however, does include the travel expenditures abroad by U.S. residents.

Residency adjustments are made to both regional income and PCE statistics; however, these adjustments serve different purposes. For regional income statistics, a residence adjustment is made to reallocate income earned in places of work other than the recipients' place of residence. For the PCE by state statistics, a residency adjustment is made to reallocate expenditures made in states other than the households' state of residence.

The PCE by state statistics based on the economic census data need to be adjusted to reflect spending by place of residence because the census data are collected based on point of sale. Travel, tourism, and differences in sales

tax in neighboring states are examples of why consumers make purchases outside of their home state. For instance, many New York City residents defer gasoline purchases to coincide with trips to New Jersey since New Jersey has lower taxes on gasoline making it considerably cheaper than in New York.

The residency adjustments are based on comparisons of the estimates with independent data sources related to state-level household spending. These sources include state population, state disposable personal income, and consumer expenditure survey-based data from the Bureau of Labor Statistics.¹ Residency adjustments are made with category-specific state-level ratios of survey-based household expenditures to the expenditures derived from the economic census receipts.

The estimated expenditures are adjusted when nonresident spending is present. Residency adjustments are applied mainly to travel- and tourism-related categories and states. Examples of these are transportation services, recreation services, and tourist destination states, such as Hawaii, Nevada, Florida, New York, and the District of Columbia.

1. The consumer expenditure survey-based data are expenditure weights created as part of BEA's regional price parities; for details, see Bettina H. Aten, Eric B. Figueroa, and Troy M. Martin, "Real Personal Income and Regional Price Parities for States and Metropolitan Areas, 2007–2011," *SURVEY OF CURRENT BUSINESS* 93 (August 2013).

For utilities, three main data sources are used. State-level household water usage data from the U.S. Geological Survey and regional water price data from the National Association of Clean Water Agencies are used for estimates of water whereas state-level household usage and price data from the Energy Information Agency are used for estimates of electricity and natural gas.

For higher education, enrollment and average in-state and out-of-state tuition data by state of residence from the National Center for Education Statistics are used. Finally, for estimates of foreign travel by U.S. residents, passenger counts from the Department of Homeland Security (I-94 departure and arrival data) and average expenditures per passenger from the survey of international travelers are used.

Other methods. Various methods are used for the remaining categories, the largest of which is financial services and insurance. For financial services and insurance, disposable personal income by state is used as an indicator to allocate the national expenditures to states. Other sources include Bureau of Transportation Statistics data on enplanement passenger revenue for air transportation, Amtrak data on ridership for rail transportation, charitable contributions to religious institutions and grantmaking from the National Center for Charitable Statistics, and BEA employment data for military clothing and food furnished to employees.

Annual Update of PCE by State

BEA's October release of PCE by state included updated statistics for 2008–2014. The updated statistics incorporate the results of the 2015 annual update of national income and product accounts and the incorporation of newly available and revised source data, most notably the incorporation of the 2012 economic census data. Data from the 2012 economic census were only partly incorporated in the previous release based on availability.

Other data sources that were either revised or newly released include revised data from the quarterly census of employment and wages for 2013–2014, new 2014 data from the American Community Survey, revised 2013 and new 2014 price and volume data for electricity and natural gas from the Energy Information Administration, and revised 2013–2014 data on state disposable personal income.

The annual revision of PCE by state also reflects a slight modification of the methodology for owner-occupied housing and rail transportation. In the previous release, an average owner-to-renter ratio was applied to the tenant-occupied expenditures to gener-

ate an imputed measure of owner-occupied housing. This average ratio was replaced with a moving average of more recent ratios to account for any recent changes in the owners and renters markets. For the rail transportation statistics, the Amtrak ridership data was supplemented with data from the National Association of Railroad Passengers.

The revisions in level in current-dollar PCE were generally small. For 2008–2012, they ranged from a downward revision of 2.3 percent in Idaho to an upward revision of 1.5 percent in Alaska (table 5, panel 1). Current-dollar PCE was revised downward in 25 states and the District of Columbia and revised upwards in 25 states. The relative size and symmetry of the adjustments corresponds with the 0.0 percent change in national PCE over the period.

For 2013, national current-dollar PCE was revised downward 0.3 percent (table 5, panel 2). At the state level, current-dollar PCE was revised downward in 30 states as well as the District of Columbia. The remaining 20 states were revised upward. Idaho and Alaska continued to have the largest revisions, with a 3.8 percent downward revision in Idaho and a 1.7 percent upward revision in Alaska. After Idaho, the three states with the highest absolute revisions were South Carolina (–3.4 percent), the District of Columbia (–3.3 percent), and Alabama (–2.1 percent).

For 2014, national current-dollar PCE was revised downward 0.02 percent (table 5, panel 3). At the state level, current-dollar PCE was revised downward in 24 states and the District of Columbia. The remaining 26 states had upward revisions. Idaho received the largest downward revision (3.3 percent), and Alaska had the largest positive revision (1.8 percent). After Idaho, the three states with the largest absolute revisions were the District of Columbia (–3.1 percent), South Carolina (–2.5 percent), and Alabama (–2.2 percent).

The revisions in growth were also very small. For 2008–2012 (table 6, panel 1), there were no revisions to the national average annual growth in current-dollar PCE. At the state level, the absolute revisions to the average growth were less than 1.0 percentage point across all states. They ranged from a downward revision of 0.9 percentage point in Idaho to an upward revision of 0.4 percentage point in Alaska. The growth rates of 19 states and the District of Columbia were revised downward, the growth rates of 8 states remained unchanged, whereas the growth rates of the remaining 23 states were revised upward. After Idaho, the states with the largest absolute revision in average growth were Delaware (–0.5 percentage point), South Carolina (–0.5 percentage point), the District of Columbia (–0.5 percentage point).

For 2013, the national growth rate in current-dollar PCE was revised downward 0.3 percentage point (table 6, panel 2). At the state level, the revision in growth ranged from a downward revision of 1.1 percentage points in South Carolina to an upward revision of 0.4 percentage point in Delaware and Idaho. Growth in current-dollar PCE was revised downward in 44 states and the District of Columbia, remained unchanged in 2 states, and was revised upward in 4 states. After South Carolina, the states with the highest absolute revision in growth were the District of Columbia (–1.0 percentage point), Kansas (–0.8 percentage point), and Mississippi (–0.7 percentage point).

For 2014, the national growth rate in current-dollar PCE was revised upward 0.2 percentage point (table 6, panel 3). At the state level, the revision in growth ranged from a downward revision of 0.5 percentage point in Mississippi to an upward revision of 1.0 percentage point in Louisiana. The annual growth rate in current-dollar PCE was revised upward in 37 states and the District of Columbia, remained unchanged in 5 states, and revised downward in 8 states. After Louisiana, the states with the largest absolute revision in growth were South Carolina (0.9 percentage point), Rhode Island (0.7 percentage point), and Nevada (0.7 percentage point).

Table 5. Revisions to Personal Consumption Expenditures by State, 2008–2014

	2008–2012 average			2013			2014		
	Millions of dollars		Percent revision ²	Millions of dollars		Percent revision ²	Millions of dollars		Percent revision ²
	Revised	Revision		Revised	Revision		Revised	Revision	
United States ¹	10,354,363	0	0.0	11,355,529	–31,043	–0.3	11,857,620	–2,630	0.0
New England	600,668	–846	–0.1	648,058	–806	–0.1	675,963	539	0.1
Connecticut	149,005	–446	–0.3	158,498	–439	–0.3	165,027	142	0.1
Maine	49,283	–9	0.0	52,504	–351	–0.7	54,146	–584	–1.1
Massachusetts	284,808	–209	–0.1	310,617	512	0.2	325,120	1,204	0.4
New Hampshire	54,583	–201	–0.4	58,850	–523	–0.9	61,301	–573	–0.9
Rhode Island	38,185	–70	–0.2	40,374	–210	–0.5	42,026	57	0.1
Vermont	24,804	90	0.4	27,214	204	0.8	28,342	292	1.0
Mideast	1,842,271	3,469	0.2	2,005,456	192	0.0	2,091,862	4,931	0.2
Delaware	33,516	–309	–0.9	36,645	–757	–2.0	38,355	–661	–1.7
District of Columbia	29,847	–605	–2.0	33,432	–1,128	–3.3	35,207	–1,125	–3.1
Maryland	221,385	1,191	0.5	240,904	1,419	0.6	249,726	1,946	0.8
New Jersey	367,810	2,319	0.6	395,886	3,293	0.8	410,536	3,884	1.0
New York	746,935	166	0.0	820,647	–1,522	–0.2	865,135	1,688	0.2
Pennsylvania	442,778	708	0.2	477,942	–1,112	–0.2	492,903	–801	–0.2
Great Lakes	1,520,377	4,155	0.3	1,642,423	3,718	0.2	1,701,602	5,083	0.3
Illinois	445,643	1,284	0.3	479,416	293	0.1	497,918	1,605	0.3
Indiana	197,914	–552	–0.3	214,221	–1,740	–0.8	220,360	–2,336	–1.0
Michigan	321,809	1,606	0.5	347,817	2,377	0.7	362,062	3,146	0.9
Ohio	366,129	1,228	0.3	397,768	1,756	0.4	411,526	1,873	0.5
Wisconsin	188,882	589	0.3	203,201	1,032	0.5	209,736	796	0.4
Plains	685,643	1,414	0.2	754,775	–96	0.0	781,826	23	0.0
Iowa	96,730	52	0.1	105,501	–179	–0.2	109,080	–471	–0.4
Kansas	87,765	–630	–0.7	95,250	–1,882	–1.9	98,676	–1,983	–2.0
Minnesota	194,961	340	0.2	214,193	–91	0.0	222,993	71	0.0
Missouri	192,956	1,377	0.7	209,664	1,898	0.9	214,591	2,049	1.0
Nebraska	60,129	–63	–0.1	66,445	–395	–0.6	68,985	–361	–0.5
North Dakota	25,705	141	0.6	33,003	148	0.4	35,551	249	0.7
South Dakota	27,398	197	0.7	30,720	406	1.3	31,951	470	1.5
Southeast	2,374,191	–10,879	–0.5	2,607,771	–31,667	–1.2	2,717,993	–23,739	–0.9
Alabama	130,798	–1,147	–0.9	140,835	–3,079	–2.1	144,697	–3,182	–2.2
Arkansas	78,112	58	0.1	84,737	–151	–0.2	86,948	–352	–0.4
Florida	613,258	–6,934	–1.1	678,158	–11,918	–1.7	714,791	–9,275	–1.3
Georgia	285,235	–500	–0.2	314,823	–2,423	–0.8	329,065	–2,283	–0.7
Kentucky	124,174	–748	–0.6	134,150	–2,803	–2.0	137,527	–2,713	–1.9
Louisiana	132,671	–490	–0.4	146,164	–2,234	–1.5	152,500	–842	–0.5
Mississippi	77,651	–304	–0.4	84,086	–1,457	–1.7	86,138	–1,847	–2.1
North Carolina	271,131	–1,575	–0.6	301,342	–4,214	–1.4	315,735	–3,025	–0.9
South Carolina	133,714	–1,979	–1.5	145,830	–5,064	–3.4	152,120	–3,871	–2.5
Tennessee	185,061	–463	–0.2	202,730	–1,807	–0.9	210,891	–980	–0.5
Virginia	288,802	3,104	1.1	316,384	3,500	1.1	327,567	4,403	1.4
West Virginia	53,584	101	0.2	58,533	–15	0.0	60,015	230	0.4
Southwest	1,139,140	3,162	0.3	1,286,266	–1,105	–0.1	1,358,759	4,839	0.4
Arizona	197,183	–1,392	–0.7	214,601	–3,984	–1.8	224,772	–3,651	–1.6
New Mexico	62,473	–61	–0.1	67,889	–504	–0.7	70,380	–410	–0.6
Oklahoma	106,468	–865	–0.8	118,850	–1,841	–1.5	123,823	–1,308	–1.0
Texas	773,016	5,480	0.7	884,927	5,224	0.6	939,783	10,207	1.1
Rocky Mountain	358,714	24	0.0	398,318	–1,609	–0.4	420,858	–6	0.0
Colorado	179,629	916	0.5	198,955	204	0.1	211,361	1,324	0.6
Idaho	44,658	–1,050	–2.3	49,074	–1,937	–3.8	51,465	–1,741	–3.3
Montana	33,641	160	0.5	37,595	–33	–0.1	39,476	50	0.1
Utah	80,743	–103	–0.1	90,714	115	0.1	95,566	197	0.2
Wyoming	20,042	102	0.5	21,979	41	0.2	22,990	164	0.7
Far West	1,833,360	–501	0.0	2,012,462	332	0.0	2,108,757	5,700	0.3
Alaska	30,017	440	1.5	33,533	548	1.7	34,666	607	1.8
California	1,297,970	–1,215	–0.1	1,421,045	1,701	0.1	1,487,932	5,455	0.4
Hawaii	50,258	452	0.9	56,076	375	0.7	58,877	645	1.1
Nevada	85,321	–426	–0.5	92,817	–1,168	–1.2	97,244	–616	–0.6
Oregon	126,533	136	0.1	139,084	510	0.4	146,284	311	0.2
Washington	243,260	113	0.0	269,907	–1,635	–0.6	283,755	–701	–0.2

1. The U.S. values reported differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

2. Revision is a percentage of the previously published statistic.

Next Steps

Multiple research projects related to regional PCE statistics are ongoing at BEA. These projects aim to introduce further methodological improvements, to assess the feasibility of the potential expansion of category and geography detail of these statistics, and to assess the feasibility of developing related new statistics.

In the near term, the focus is on the use of alternative source data and on the introduction of methodological improvements for several PCE categories, in particular, the development of residency-based data

sources for the measurement of financial services and insurance.

Longer term considerations include the development of real PCE by state statistics, which would account for differences in prices both across states and over time. Much of the groundwork has been laid out from the development of the regional price parities statistics. Another long-term consideration is supplementing the survey data with transaction data to improve the residency adjustments as well as to potentially provide more geographic detail for PCE estimates.

Table 6. Revisions to Growth in Personal Consumption Expenditures by State, 2008–2014

[Percent]

	Average annual growth 2008–2012			Annual growth 2012–2013			Annual growth 2013–2014		
	Previously published	Revised	Difference (percentage points)	Previously published	Revised	Difference (percentage points)	Previously published	Revised	Difference (percentage points)
United States ¹	2.6	2.6	0.0	3.1	2.8	-0.3	4.2	4.4	0.2
New England	2.1	2.2	0.1	2.7	2.5	-0.2	4.1	4.3	0.2
Connecticut.....	1.6	1.6	0.0	2.4	2.1	-0.3	3.7	4.1	0.4
Maine.....	2.1	2.1	0.0	2.5	1.9	-0.6	3.5	3.1	-0.4
Massachusetts.....	2.5	2.6	0.1	2.8	2.7	-0.1	4.5	4.7	0.2
New Hampshire.....	2.2	2.0	-0.2	2.9	2.8	-0.1	4.2	4.2	0.0
Rhode Island.....	1.5	1.4	-0.1	2.4	2.2	-0.2	3.4	4.1	0.7
Vermont.....	2.5	2.7	0.2	3.7	3.6	-0.1	3.9	4.1	0.2
Mideast	2.5	2.5	0.0	2.9	2.6	-0.3	4.1	4.3	0.2
Delaware.....	3.1	2.6	-0.5	2.9	3.3	0.4	4.3	4.7	0.4
District of Columbia.....	4.1	3.6	-0.5	4.2	3.2	-1.0	5.1	5.3	0.2
Maryland.....	2.4	2.6	0.2	2.8	2.4	-0.4	3.5	3.7	0.2
New Jersey.....	1.7	1.9	0.2	2.5	2.4	-0.1	3.6	3.7	0.1
New York.....	2.7	2.8	0.1	3.5	3.0	-0.5	5.0	5.4	0.4
Pennsylvania.....	2.6	2.6	0.0	2.3	2.0	-0.3	3.1	3.1	0.0
Great Lakes	2.0	2.1	0.1	2.5	2.2	-0.3	3.5	3.6	0.1
Illinois.....	1.9	2.0	0.1	2.5	2.0	-0.5	3.6	3.9	0.3
Indiana.....	2.4	2.3	-0.1	2.2	2.0	-0.2	3.1	2.9	-0.2
Michigan.....	2.0	2.1	0.1	2.5	2.5	0.0	3.9	4.1	0.2
Ohio.....	2.0	2.2	0.2	2.6	2.3	-0.3	3.4	3.5	0.1
Wisconsin.....	2.0	2.1	0.1	2.9	2.6	-0.3	3.3	3.2	-0.1
Plains	2.9	3.0	0.1	3.1	2.8	-0.3	3.6	3.6	0.0
Iowa.....	3.0	3.0	0.0	2.5	2.4	-0.1	3.7	3.4	-0.3
Kansas.....	2.7	2.5	-0.2	3.1	2.3	-0.8	3.6	3.6	0.0
Minnesota.....	2.5	2.6	0.1	3.4	3.0	-0.4	4.0	4.1	0.1
Missouri.....	2.7	2.9	0.2	2.2	2.1	-0.1	2.3	2.3	0.0
Nebraska.....	3.1	3.1	0.0	3.3	3.0	-0.3	3.7	3.8	0.1
North Dakota.....	7.5	7.7	0.2	7.8	7.3	-0.5	7.4	7.7	0.3
South Dakota.....	3.5	3.8	0.3	3.5	3.5	0.0	3.8	4.0	0.2
Southeast	2.7	2.5	-0.2	3.3	2.9	-0.4	3.9	4.2	0.3
Alabama.....	2.5	2.1	-0.4	2.8	2.4	-0.4	2.8	2.7	-0.1
Arkansas.....	2.2	2.3	0.1	2.6	2.3	-0.3	2.8	2.6	-0.2
Florida.....	2.5	2.1	-0.4	3.7	3.6	-0.1	4.9	5.4	0.5
Georgia.....	2.4	2.3	-0.1	3.7	3.4	-0.3	4.4	4.5	0.1
Kentucky.....	3.1	2.8	-0.3	2.1	1.6	-0.5	2.4	2.5	0.1
Louisiana.....	3.2	2.9	-0.3	3.4	3.2	-0.2	3.3	4.3	1.0
Mississippi.....	2.8	2.6	-0.2	2.9	2.2	-0.7	2.9	2.4	-0.5
North Carolina.....	3.1	2.9	-0.2	3.9	3.6	-0.3	4.3	4.8	0.5
South Carolina.....	3.3	2.8	-0.5	3.7	2.6	-1.1	3.4	4.3	0.9
Tennessee.....	2.8	2.7	-0.1	2.7	2.3	-0.4	3.6	4.0	0.4
Virginia.....	2.7	3.0	0.3	2.6	2.3	-0.3	3.3	3.5	0.2
West Virginia.....	3.5	3.5	0.0	2.3	2.1	-0.2	2.1	2.5	0.4
Southwest	3.5	3.5	0.0	4.1	3.7	-0.4	5.2	5.6	0.4
Arizona.....	2.1	1.7	-0.4	3.4	3.1	-0.3	4.5	4.7	0.2
New Mexico.....	3.1	3.0	-0.1	2.5	2.1	-0.4	3.5	3.7	0.2
Oklahoma.....	3.8	3.6	-0.2	3.2	3.0	-0.2	3.7	4.2	0.5
Texas.....	3.8	4.0	0.2	4.5	4.1	-0.4	5.7	6.2	0.5
Rocky Mountain	2.7	2.7	0.0	4.2	3.8	-0.4	5.2	5.7	0.5
Colorado.....	2.6	2.7	0.1	3.9	3.3	-0.6	5.7	6.2	0.5
Idaho.....	2.8	1.9	-0.9	4.0	4.4	0.4	4.3	4.9	0.6
Montana.....	3.0	3.1	0.1	4.6	4.0	-0.6	4.8	5.0	0.2
Utah.....	2.6	2.7	0.1	4.9	4.7	-0.2	5.3	5.3	0.0
Wyoming.....	2.9	3.1	0.2	3.0	2.5	-0.5	4.0	4.6	0.6
Far West	2.3	2.3	0.0	2.8	2.7	-0.1	4.5	4.8	0.3
Alaska.....	3.6	4.0	0.4	3.6	3.3	-0.3	3.3	3.4	0.1
California.....	2.2	2.2	0.0	2.4	2.5	0.1	4.4	4.7	0.3
Hawaii.....	3.1	3.3	0.2	4.0	3.6	-0.4	4.5	5.0	0.5
Nevada.....	1.8	1.6	-0.2	3.5	3.2	-0.3	4.1	4.8	0.7
Oregon.....	2.0	2.1	0.1	3.5	3.6	0.1	5.3	5.2	-0.1
Washington.....	2.9	2.9	0.0	4.0	3.5	-0.5	4.8	5.1	0.3

1. The U.S. values reported may differ from the PCE values in the national accounts because PCE by state excludes net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.