

Director's Message

Articles

GDP and the Economy: Advance Estimates for the Third Quarter of 2017

Real GDP increased 3.0 percent, reflecting positive contributions from consumer spending, inventory investment, nonresidential fixed investment, exports, and federal government spending.

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 2017 annual NIPA update.

BEA Briefing: American Multinationals and American Interests 40 Years Later: What Have We Learned From Research Using BEA Data?

A look at improvements in BEA's statistics on the activities of multinational enterprises and on trade in services, at improvements in researchers' access to the data, and at the resulting research.

Personal Consumption Expenditures by State: New Statistics for 2016 and Updated Statistics for 2014 and 2015

Growth in consumer spending by state in 2016 ranged from 0.2 percent in North Dakota to 6.2 percent in Utah. Nationwide, consumer spending by state on average grew 4.0 percent.

Upcoming in the Survey...

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

Industry Economic Accounts. New statistics for the second quarter of 2017 and updated statistics for 2013–2016 and the first quarter of 2017.

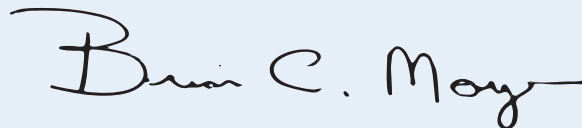
Activities of U.S. Multinational Enterprises in the United States and Abroad. A look at value added, employment, and capital expenditures in 2016.

Director's Message

Researchers have long studied the activities of multinational enterprises (MNEs). To aid this effort, the Bureau of Economic Analysis (BEA) has expanded its statistics about such activity over the past 40 years, allowing a broad range of questions to be explored. We are pleased to present a *BEA Briefing* that summarizes improvements in BEA's data on the activities of MNEs and on trade in services, improvements in researchers' access to the data, and the resulting research toward improving our understanding of the effects of MNEs on the U.S. economy.

This month, we also take a closer look at our consumer spending by state statistics for 2016. These statistics provide a comprehensive measure of household consumption at the state level. In 2016, growth ranged from a low of 0.2 percent in North Dakota to a high of 6.2 percent in Utah.

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 2017 are discussed.

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

Brian C. Moyer
Director, Bureau of Economic Analysis

GDP and the Economy

Advance Estimates for the Third Quarter of 2017

REAL GROSS domestic product (GDP) increased 3.0 percent at an annual rate in the third quarter of 2017, according to the advance estimates of the national income and product accounts (NIPAs) (chart 1 and table 1).¹ In the second quarter, real GDP increased 3.1 percent.

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

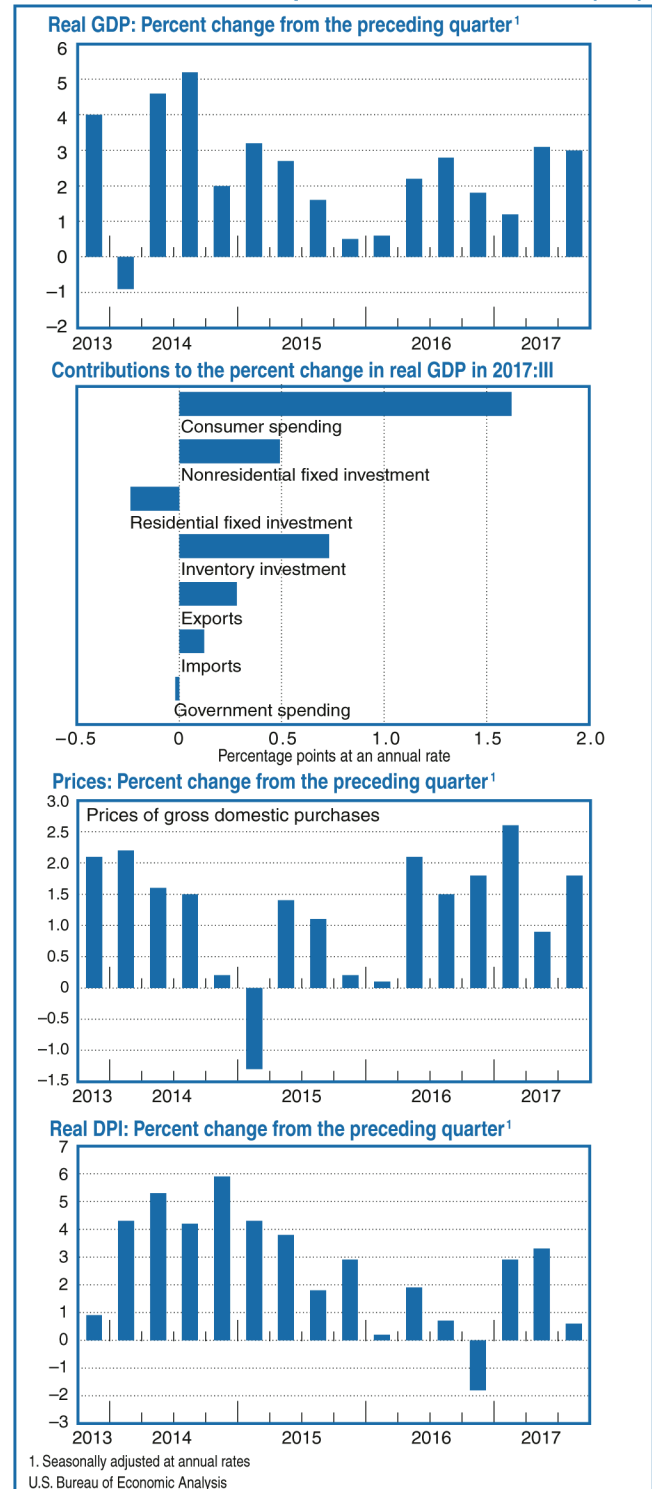
- Prices of goods and services purchased by U.S. residents increased 1.8 percent in the third quarter after increasing 0.9 percent in the second quarter. Energy prices turned up in the third quarter, and food prices increased less in the third quarter than in the second quarter. Excluding food and energy, gross domestic purchases prices increased 1.7 percent after increasing 1.3 percent (see table 2).
- Real disposable personal income (DPI) increased 0.6 percent in the third quarter after increasing 3.3 percent in the second quarter. Current-dollar DPI increased 2.1 percent after increasing 3.6 percent. The differences in the movements in real DPI and current-dollar DPI reflected an acceleration in the implicit price deflator for consumer spending, which is used to deflate DPI.
- Two hurricanes affected production in several Gulf Coast states in the third quarter. These effects are included, but not identified, in the source data that are used to prepare the estimates of GDP. See the [“Note on the Effects of the Hurricanes on Third-Quarter GDP Estimates.”](#)

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.”

Lisa S. Mataloni prepared this article.

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



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)		
	2017	2016	2017			2016				
	III	IV	I	II	III	IV	I	II	III	
Gross domestic product¹ ...	100.0	1.8	1.2	3.1	3.0	1.8	1.2	3.1	3.0	
Personal consumption expenditures.....	68.9	2.9	1.9	3.3	2.4	1.99	1.32	2.24	1.62	
Goods	22.0	4.7	0.7	5.4	4.2	1.03	0.15	1.16	0.92	
Durable goods	7.6	9.2	-0.1	7.6	8.3	0.67	-0.01	0.56	0.61	
Nondurable goods	14.5	2.5	1.1	4.2	2.1	0.35	0.16	0.61	0.31	
Services	46.9	2.1	2.5	2.3	1.5	0.97	1.17	1.08	0.70	
Gross private domestic investment	16.6	8.5	-1.2	3.9	6.0	1.34	-0.20	0.64	0.98	
Fixed investment	16.4	1.7	8.1	3.2	1.5	0.28	1.27	0.53	0.25	
Nonresidential	12.6	0.2	7.2	6.7	3.9	0.02	0.86	0.82	0.49	
Structures	2.9	-2.2	14.8	7.0	-5.2	-0.06	0.39	0.20	-0.15	
Equipment	5.7	1.8	4.4	8.8	8.6	0.10	0.24	0.48	0.47	
Intellectual property products	4.1	-0.4	5.7	3.7	4.3	-0.02	0.23	0.15	0.17	
Residential	3.8	7.1	11.1	-7.3	-6.0	0.26	0.41	-0.30	-0.24	
Change in private inventories....	0.2	.....	.....	.....	.....	1.06	-1.46	0.12	0.73
Net exports of goods and services	-2.7	.....	.....	.....	.....	-1.61	0.22	0.21	0.41
Exports	12.0	-3.8	7.3	3.5	2.3	-0.47	0.85	0.42	0.28	
Goods	7.9	-3.4	10.8	2.2	1.4	-0.27	0.81	0.18	0.11	
Services	4.1	-4.6	1.0	6.2	4.1	-0.19	0.04	0.25	0.17	
Imports	14.8	8.1	4.3	1.5	-0.8	-1.14	-0.63	-0.22	0.12	
Goods	12.0	9.2	4.7	1.3	-0.5	-1.05	-0.56	-0.16	0.07	
Services	2.7	3.2	2.5	2.2	-2.1	-0.09	-0.07	-0.06	0.06	
Government consumption expenditures and gross investment	17.2	0.2	-0.6	-0.2	-0.1	0.03	-0.11	-0.03	-0.02	
Federal	6.5	-0.5	-2.4	1.9	1.1	-0.03	-0.16	0.13	0.08	
National defense	3.8	-3.2	-3.3	4.7	2.3	-0.13	-0.13	0.18	0.09	
Nondefense	2.7	3.6	-1.2	-1.9	-0.5	0.10	-0.03	-0.05	-0.01	
State and local	10.7	0.6	0.5	-1.5	-0.9	0.06	0.05	-0.16	-0.09	
Addenda:										
Gross domestic income (GDI) ² .....	.....	-1.7	2.7	2.9	.....	.....	.....	.....	.....
Average of GDP and GDI .....	.....	0.0	2.0	3.0	.....	.....	.....	.....	.....
Final sales of domestic product	99.8	0.7	2.7	2.9	2.3	0.70	2.70	2.94	2.26	
Goods	29.7	3.0	-1.6	7.3	8.7	0.88	-0.47	2.10	2.49	
Services	62.3	1.0	1.5	2.1	1.8	0.61	0.91	1.32	1.15	
Structures	8.0	3.4	10.3	-4.3	-7.7	0.27	0.80	-0.36	-0.64	
Motor vehicle output	2.6	-1.9	-7.3	0.8	-14.4	-0.06	-0.22	0.02	-0.42	
GDP excluding motor vehicle output	97.4	1.9	1.5	3.1	3.5	1.81	1.45	3.04	3.41	
Final sales of computers	0.4	-7.8	23.3	22.3	-31.0	-0.03	0.08	0.08	-0.14	
GDP excluding final sales of computers	99.6	1.8	1.2	3.0	3.1	1.79	1.16	2.98	3.13	
Research and development (R&D)	2.5	-1.1	7.1	1.3	0.3	-0.03	0.18	0.03	0.01	
GDP excluding R&D	97.5	1.8	1.1	3.1	3.1	1.79	1.06	3.03	2.98	

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 slight deceleration in real GDP growth in the third quarter reflected decelerations in consumer spending, in nonresidential fixed investment, and in exports that were partly offset by an acceleration in private inventory investment and by a downturn in imports.

The deceleration in consumer spending reflected decelerations in spending for services and for nondurable goods that were partly offset by an acceleration in spending for durable goods.

The acceleration in spending for durable goods primarily reflected an acceleration in spending for motor vehicles and parts that was partly offset by a downturn in spending for recreational goods and vehicles.

The deceleration in spending for nondurable goods primarily reflected downturns in spending for clothing and footwear and for gasoline and other energy goods that were partly offset by an acceleration in spending for food and beverages purchased for off-premises consumption.

The deceleration in spending for services primarily reflected a deceleration in housing and utilities (mainly from a downturn in spending for electricity and gas) and a deceleration in "other" services (mainly communication services) that were partly offset by an upturn in food services and accommodations.

The deceleration in nonresidential fixed investment primarily reflected a downturn in investment in structures (mainly due to a smaller increase in investment in mining exploration, shafts, and wells).

The acceleration in inventory investment reflected upturns in both nonfarm and farm inventory investment. The upturn in nonfarm inventory investment reflected upturns in manufacturing and in mining, utilities, and construction and a larger increase in wholesale trade industries. These movements were partly offset by a larger decrease in retail trade industries and by a downturn in "other" industries.

The deceleration in exports reflected decelerations in exports of both goods and services. The main contributors were downturns in industrial supplies and materials and in "other" exported goods and decelerations in foods, feeds, and beverages and in travel services.

The downturn in imports primarily reflected a downturn in imports of goods. The main contributors were larger decreases in industrial supplies and materials and in consumer goods except food and automotive and a downturn in "other" imported goods.

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)			
	2016		2017		2016		2017	
	IV	I	II	III	IV	I	II	III
Gross domestic purchases¹	1.8	2.6	0.9	1.8	1.8	2.6	0.9	1.8
Personal consumption expenditures	2.0	2.2	0.3	1.5	1.34	1.50	0.18	1.01
Goods	1.3	2.7	-3.6	0.7	0.28	0.57	-0.79	0.15
Durable goods	-3.2	1.0	-3.6	-2.6	-0.24	0.07	-0.27	-0.19
Nondurable goods	3.7	3.6	-3.6	2.4	0.52	0.50	-0.52	0.34
Services	2.3	2.0	2.2	1.9	1.06	0.92	0.97	0.87
Gross private domestic investment	1.7	1.7	2.6	2.2	0.28	0.27	0.40	0.35
Fixed investment	1.6	1.6	2.5	2.2	0.25	0.25	0.40	0.35
Nonresidential	0.6	1.5	1.9	1.3	0.08	0.19	0.23	0.17
Structures	2.3	3.1	3.8	4.6	0.06	0.08	0.11	0.13
Equipment	-0.4	0.7	0.8	0.2	-0.02	0.04	0.04	0.01
Intellectual property products	1.0	1.6	1.9	0.7	0.04	0.06	0.08	0.03
Residential	4.8	1.7	4.6	5.1	0.17	0.06	0.17	0.18
Change in private inventories .....	.....	.....	.....	.....	0.02	0.02	0.01	0.00
Government consumption expenditures and gross investment	1.3	4.8	1.6	2.5	0.22	0.80	0.27	0.41
Federal	0.8	5.5	1.8	1.3	0.05	0.34	0.11	0.09
National defense	0.7	4.9	1.4	0.6	0.03	0.18	0.05	0.02
Nondefense	0.8	6.3	2.3	2.4	0.02	0.16	0.06	0.06
State and local	1.7	4.4	1.5	3.2	0.18	0.46	0.16	0.33
Addenda:								
Gross domestic purchases:								
Food	-1.3	0.3	2.1	0.3	-0.06	0.02	0.10	0.01
Energy goods and services	25.8	15.9	-16.0	8.5	0.62	0.40	-0.45	0.21
Excluding food and energy	1.4	2.3	1.3	1.7	1.28	2.14	1.21	1.55
Personal consumption expenditures (PCE):								
Food and beverages purchased for off-premises consumption	-1.3	0.3	2.0	0.2	.....	.....	.....	.....
Energy goods and services	25.0	15.5	-16.0	8.3	.....	.....	.....	.....
Excluding food and energy	1.3	1.8	0.9	1.3	.....	.....	.....	.....
Gross domestic product (GDP)	2.0	2.0	1.0	2.2	.....	.....	.....	.....
Exports of goods and services	2.7	2.5	-0.1	3.4	.....	.....	.....	.....
Imports of goods and services	1.6	6.2	-1.0	0.4	.....	.....	.....	.....

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 1.8 percent in the third quarter after increasing 0.9 percent in the second quarter. The acceleration primarily reflected an upturn in the prices of consumer goods and an acceleration in the prices paid by state and local governments.

The upturn in the prices of consumer goods primarily reflected an upturn in the prices for gasoline and other energy goods.

The acceleration in the prices paid by state and local governments primarily reflected an acceleration in the prices paid for intermediate goods and services purchased (mainly petroleum).

Consumer prices excluding food and energy, a measure of the “core” rate of inflation, accelerated, increasing 1.3 percent in the third quarter after increasing 0.9 percent in the second quarter.

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 “[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			
	2017		2016	2017		
	II	III	IV	I	II	III
Personal income	16,364.4	16,478.1	-2.3	219.5	119.1	113.7
Compensation of employees	10,271.4	10,373.2	-66.5	151.4	105.1	101.8
Wages and salaries	8,321.7	8,408.6	-70.2	124.3	89.6	86.9
Private industries	6,984.9	7,063.9	-70.8	108.9	83.3	79.0
Goods-producing industries	1,350.4	1,363.7	-15.4	20.7	-0.1	13.3
Manufacturing	829.0	834.8	-13.2	12.9	4.5	5.8
Services-producing industries	5,634.5	5,700.2	-55.4	88.2	83.4	65.7
Trade, transportation, and utilities	1,307.7	1,319.5	-14.8	25.6	19.2	11.8
Other services-producing industries	4,326.8	4,380.7	-40.6	62.6	64.2	53.9
Government	1,336.8	1,344.7	0.5	15.3	6.3	7.9
Supplements to wages and salaries	1,949.7	1,964.6	3.8	27.1	15.5	14.9
Proprietors' income with IVA and CCAj	1,378.6	1,381.8	8.5	25.7	-1.6	3.1
Farm	37.0	32.3	-3.6	4.0	-4.8	-4.7
Nonfarm	1,341.6	1,349.5	12.1	21.6	3.3	7.8
Rental income of persons with CCAj	740.3	745.9	10.8	11.9	9.5	5.6
Personal income receipts on assets	2,434.5	2,435.8	18.4	28.5	14.4	1.4
Personal interest income	1,465.1	1,461.1	21.7	38.1	-11.5	-4.0
Personal dividend income	969.4	974.8	-3.3	-9.6	25.9	5.4
Personal current transfer receipts	2,836.9	2,852.0	18.5	35.9	5.1	15.1
Government social benefits to persons	2,777.8	2,792.1	18.3	35.5	4.3	14.3
Social security	922.8	930.0	6.3	10.1	6.8	7.2
Medicare	671.5	676.4	4.6	4.5	4.1	4.9
Medicaid	577.4	578.8	11.0	3.5	-4.0	1.4
Unemployment insurance	28.6	28.5	-1.0	-0.4	-1.7	-0.1
Veterans benefits	98.0	99.2	1.1	1.5	2.5	1.2
Other	479.4	479.2	-3.9	16.3	-3.4	-0.3
Other current transfer receipts from business, net	59.2	59.9	0.2	0.5	0.7	0.7
Less: Contributions for government social insurance	1,297.4	1,310.7	-8.0	33.9	13.3	13.2
Less: Personal current taxes	2,012.9	2,053.0	-6.6	41.6	-6.0	40.1
Equals: Disposable personal income (DPI)	14,351.5	14,425.1	4.2	177.9	125.1	73.6
Less: Personal outlays	13,805.9	13,930.3	170.4	134.9	134.1	124.4
Equals: Personal saving	545.6	494.8	-166.1	43.0	-9.0	-50.8
Personal saving as a percentage of DPI	3.8	3.4	..	..	..	..
Addenda:						
Percent changes in DPI at annual rates						
DPI	14,351.5	14,425.1	0.1	5.2	3.6	2.1
Real DPI (chained 2009 dollars)	12,783.3	12,801.0	-1.8	2.9	3.3	0.6

CCAj Capital consumption adjustment

IVA Inventory valuation adjustment

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

Personal income decelerated in the third quarter, increasing \$113.7 billion after increasing \$119.1 billion in the second quarter. The deceleration in personal income primarily reflected decelerations in personal dividend income, in rental income, and in wages and salaries that were partly offset by an acceleration in government social benefits, by a smaller decrease in personal interest income, and by an acceleration in nonfarm proprietors' income.

The deceleration in wages and salaries primarily reflected a deceleration in private wages and salaries.

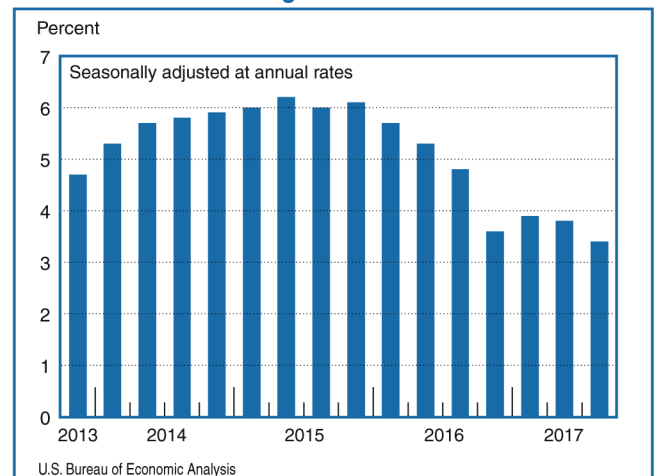
Personal current taxes turned up, primarily reflecting an upturn in state and local income taxes.

Disposable personal income, measured as personal income less personal current taxes, decelerated in the third quarter, increasing \$73.6 billion after increasing \$125.1 billion in the second quarter.

Personal saving—disposable personal income less personal outlays—was \$494.8 billion in the third quarter, decreasing \$50.8 billion after decreasing \$9.0 billion in the second quarter.

The personal saving rate was 3.4 percent in the third quarter; in the second quarter, the rate was 3.8 percent.

Chart 2. Personal Saving Rate



Note on the Effects of the Hurricanes on Third-Quarter 2017 Estimates

During the third quarter, two major hurricanes caused severe damage and flooding in several states along the Gulf Coast. Hurricane Harvey made its initial landfall on August 25th in Texas, and made a second landfall in Louisiana on August 30th as a tropical storm. On September 10th, Hurricane Irma hit the lower Florida Keys and the southern mainland of Florida. These disasters disrupted production at facilities such as factories, offices, and transportation centers; for example, oil and gas extraction and petroleum and petrochemical production in Texas and agricultural production in Florida were affected. Other types of production, such as emergency services and rebuilding activities, increased. These effects on production are included, but are not identified, in the source data that BEA uses to prepare the estimates of GDP; consequently, it is not possible to estimate the overall effects of Hurricanes Harvey and Irma on 2017 third-quarter GDP.

A third hurricane, Maria, made its initial landfall on the U.S. Virgin Islands and Puerto Rico on September 20th, causing catastrophic damage to these island areas. Because BEA's estimates of GDP do not include commonwealths or U.S. territories, the effects of Maria are not directly reflected in the estimate of U.S. GDP. For more information, see [“Are Puerto Rico and the U.S. territories included in the estimates of U.S. GDP?”](#)

Although the destruction of fixed assets, such as residential and nonresidential structures, does not directly

affect GDP, national income, or personal income, BEA does estimate disaster-related losses as part of its fixed assets accounts. BEA's preliminary estimates show that Hurricanes Harvey and Irma resulted in disaster-related losses of \$121.0 billion in privately-owned fixed assets (\$484.0 billion at an annual rate) and \$10.4 billion in government-owned fixed assets (\$41.8 billion at an annual rate).

BEA also prepares estimates of the insurance benefits paid or received as a result of major disasters. These benefits are recorded on an accrual basis in the quarter in which the disaster occurred and are classified as capital transfers; therefore, they do not affect the measures of GDP, personal income, or saving. BEA's preliminary estimates show that domestic insurance companies expect to pay benefits for disaster losses related to Hurricanes Harvey, Irma, and Maria in the amount of \$64.7 billion (\$258.7 billion at an annual rate). The federal government's National Flood Insurance Program expects to pay an additional \$19.0 billion (\$76.0 billion at an annual rate); the Florida Citizens Property Insurance Corporation expects to pay \$1.2 billion (\$4.9 billion at an annual rate); and foreign insurance companies expect to pay \$17.4 billion (\$69.4 billion at an annual rate).

For additional information, see [“How are the measures of production and income in the national accounts affected by a natural or man-made disaster?”](#)

Source Data and Key Assumptions for the Advance Estimates

The advance estimates of many components of GDP are based on 3 months of source data for the quarter, but the estimates of some components are based on only 2 months of source data. For major source data series for which only 2 months of data are available, BEA's assumptions for the third month are shown in the "Key Source Data and Assumptions" table on the BEA Web site.

The number of months for which source data are available is shown in parentheses below for select components of GDP.

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 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)

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

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Personal consumption expenditures	3.6	2.7	2.8	2.9	1.9	3.3	2.4
3	Goods	4.6	3.7	3.2	4.7	0.7	5.4	4.2
4	Durable goods	7.7	5.5	9.4	9.2	-0.1	7.6	8.3
5	Nondurable goods	3.1	2.8	0.1	2.5	1.1	4.2	2.1
6	Services	3.2	2.3	2.7	2.1	2.5	2.3	1.5
7	Gross private domestic investment	5.2	-1.6	2.4	8.5	-1.2	3.9	6.0
8	Fixed investment	3.9	0.7	1.5	1.7	8.1	3.2	1.5
9	Nonresidential	2.3	-0.6	3.4	0.2	7.2	6.7	3.9
10	Structures	-1.8	-4.1	14.3	-2.2	14.8	7.0	-5.2
11	Equipment	3.5	-3.4	-2.1	1.8	4.4	8.8	8.6
12	Intellectual property products	3.8	6.3	4.2	-0.4	5.7	3.7	4.3
13	Residential	10.2	5.5	-4.5	7.1	11.1	-7.3	-6.0
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	0.4	-0.3	6.4	-3.8	7.3	3.5	2.3
17	Goods	-0.4	0.3	8.1	-3.4	10.8	2.2	1.4
18	Services	2.1	-1.5	3.2	-4.6	1.0	6.2	4.1
19	Imports	5.0	1.3	2.7	8.1	4.3	1.5	-0.8
20	Goods	5.2	0.9	1.2	9.2	4.7	1.3	-0.5
21	Services	4.0	3.1	9.0	3.2	2.5	2.2	-2.1
22	Government consumption expenditures and gross investment	1.4	0.8	0.5	0.2	-0.6	-0.2	-0.1
23	Federal	-0.1	0.0	1.6	-0.5	-2.4	1.9	1.1
24	National defense	-2.2	-0.7	2.5	-3.2	-3.3	4.7	2.3
25	Nondefense	3.2	1.2	0.3	3.6	-1.2	-1.9	-0.5
26	State and local	2.3	1.2	-0.2	0.6	0.5	-1.5	-0.9
	Addendum:							
27	Gross domestic product, current dollars	4.0	2.8	4.2	3.8	3.3	4.1	5.2

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

Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Percentage points at annual rates: Personal consumption expenditures	2.47	1.86	1.92	1.99	1.32	2.24	1.62
3	Goods	1.03	0.81	0.69	1.03	0.15	1.16	0.92
4	Durable goods	0.57	0.41	0.68	0.67	-0.01	0.56	0.61
5	Nondurable goods	0.47	0.40	0.01	0.35	0.16	0.61	0.31
6	Services	1.44	1.05	1.23	0.97	1.17	1.08	0.70
7	Gross private domestic investment	0.87	-0.28	0.40	1.34	-0.20	0.64	0.98
8	Fixed investment	0.64	0.12	0.25	0.28	1.27	0.53	0.25
9	Nonresidential	0.30	-0.08	0.42	0.02	0.86	0.82	0.49
10	Structures	-0.06	-0.12	0.37	-0.06	0.39	0.20	-0.15
11	Equipment	0.21	-0.20	-0.12	0.10	0.24	0.48	0.47
12	Intellectual property products	0.15	0.25	0.17	-0.02	0.23	0.15	0.17
13	Residential	0.34	0.20	-0.18	0.26	0.41	-0.30	-0.24
14	Change in private inventories	0.23	-0.40	0.16	1.06	-1.46	0.12	0.73
15	Net exports of goods and services	-0.73	-0.23	0.36	-1.61	0.22	0.21	0.41
16	Exports	0.05	-0.04	0.74	-0.47	0.85	0.42	0.28
17	Goods	-0.03	0.02	0.60	-0.27	0.81	0.18	0.11
18	Services	0.09	-0.06	0.13	-0.19	0.04	0.25	0.17
19	Imports	-0.78	-0.19	-0.37	-1.14	-0.63	-0.22	0.12
20	Goods	-0.67	-0.11	-0.14	-1.05	-0.56	-0.16	0.07
21	Services	-0.11	-0.09	-0.24	-0.09	-0.07	-0.06	0.06
22	Government consumption expenditures and gross investment	0.25	0.13	0.09	0.03	-0.11	-0.03	-0.02
23	Federal	-0.01	0.00	0.11	-0.03	-0.16	0.13	0.08
24	National defense	-0.09	-0.03	0.10	-0.13	-0.13	0.18	0.09
25	Nondefense	0.09	0.03	0.01	0.10	-0.03	-0.05	-0.01
26	State and local	0.26	0.13	-0.02	0.06	0.05	-0.16	-0.09

Table 1.1.3. Real Gross Domestic Product, Quantity Indexes

[Index numbers, 2009= 100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Personal consumption expenditures	114.393	117.520	117.987	118.840	119.408	120.372	121.074
3	Goods	122.789	127.318	127.900	129.387	129.607	131.311	132.670
4	Durable goods	147.737	155.873	157.516	161.032	160.977	163.956	167.250
5	Nondurable goods	112.488	115.593	115.759	116.462	116.783	117.996	118.621
6	Services	110.402	112.917	113.332	113.917	114.628	115.280	115.709
7	Gross private domestic investment	154.695	152.188	151.601	154.715	154.250	155.724	158.006
8	Fixed investment	137.373	138.395	138.627	139.229	141.960	143.085	143.624
9	Nonresidential	136.126	135.323	136.154	136.207	138.581	140.843	142.197
10	Structures	106.212	101.864	103.739	103.173	106.806	108.617	107.189
11	Equipment	168.324	162.618	161.944	162.649	164.423	167.930	171.427
12	Intellectual property products	123.034	130.765	132.331	132.205	134.064	135.283	136.711
13	Residential	141.987	149.766	147.805	150.358	154.371	151.463	149.131
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	133.967	133.527	135.115	133.799	136.187	137.374	138.163
17	Goods	135.491	135.900	137.753	136.558	140.105	140.869	141.356
18	Services	130.731	128.736	129.835	128.305	128.617	130.551	131.875
19	Imports	134.751	136.463	136.275	138.942	140.407	140.924	140.641
20	Goods	138.411	139.595	139.057	142.157	143.794	144.268	144.084
21	Services	119.441	123.202	124.354	125.325	126.110	126.794	126.127
22	Government consumption expenditures and gross investment	93.184	93.884	93.877	93.917	93.770	93.724	93.696
23	Federal	91.493	91.536	91.694	91.583	91.024	91.461	91.722
24	National defense	85.244	84.613	84.941	84.246	83.545	84.514	84.990
25	Nondefense	102.841	104.089	103.946	104.875	104.569	104.063	103.942
26	State and local	94.196	95.310	95.199	95.334	95.445	95.097	94.887

Table 1.1.4. Price Indexes for Gross Domestic Product

[Index numbers, 2009= 100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
2	Personal consumption expenditures	109.481	110.789	111.034	111.583	112.198	112.273	112.693
3	Goods	102.695	101.209	101.067	101.392	102.062	101.127	101.296
4	Durable goods	90.430	88.460	88.085	87.376	87.587	86.793	86.233
5	Nondurable goods	108.961	107.800	107.802	108.788	109.746	108.735	109.380
6	Services	113.065	115.878	116.332	117.002	117.585	118.213	118.770
7	Gross private domestic investment	106.477	106.978	107.104	107.569	108.014	108.697	109.288
8	Fixed investment	107.148	107.801	107.956	108.385	108.808	109.485	110.082
9	Nonresidential	105.069	104.790	104.726	104.893	105.292	105.780	106.135
10	Structures	115.484	115.637	115.629	116.295	117.183	118.292	119.633
11	Equipment	99.761	99.634	99.763	99.651	99.832	100.032	100.084
12	Intellectual property products	105.753	104.966	104.590	104.844	105.248	105.754	105.928
13	Residential	115.883	120.157	121.144	122.580	123.102	124.503	126.046
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	106.481	104.458	104.813	105.516	106.168	106.136	107.026
17	Goods	103.746	99.900	100.399	100.877	101.526	101.370	102.496
18	Services	112.365	114.228	114.282	115.475	116.130	116.373	116.743
19	Imports	104.364	101.090	101.439	101.835	103.381	103.134	103.244
20	Goods	104.060	100.193	100.630	101.085	102.904	102.448	102.301
21	Services	106.220	105.686	105.633	105.762	106.055	106.772	108.066
22	Government consumption expenditures and gross investment	111.825	112.676	112.919	113.291	114.624	115.088	115.793
23	Federal	109.866	110.488	110.571	110.782	112.266	112.763	113.141
24	National defense	108.872	109.285	109.368	109.562	110.882	111.280	111.449
25	Nondefense	111.511	112.448	112.532	112.768	114.494	115.139	115.830
26	State and local	113.168	114.164	114.506	114.979	116.220	116.664	117.574

Table 1.1.5. Gross Domestic Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Personal consumption expenditures	12,332.3	12,820.7	12,899.4	13,056.9	13,191.6	13,307.0	13,434.7
3	Goods	4,033.2	4,121.4	4,134.4	4,195.9	4,230.8	4,247.2	4,298.3
4	Durable goods	1,367.1	1,411.0	1,420.2	1,440.2	1,443.2	1,456.6	1,476.3
5	Nondurable goods	2,666.0	2,710.4	2,714.2	2,755.7	2,787.6	2,790.6	2,822.1
6	Services	8,299.1	8,699.3	8,765.0	8,861.0	8,960.7	9,059.8	9,136.4
7	Gross private domestic investment	3,093.6	3,057.2	3,048.0	3,126.2	3,128.7	3,178.1	3,241.0
8	Fixed investment	2,981.6	3,022.1	3,031.5	3,056.7	3,128.9	3,173.3	3,202.6
9	Nonresidential	2,336.2	2,316.3	2,329.1	2,333.7	2,383.4	2,433.6	2,465.2
10	Structures	537.5	516.2	525.6	525.8	548.4	563.0	561.9
11	Equipment	1,081.9	1,043.9	1,040.9	1,044.3	1,057.6	1,082.3	1,105.4
12	Intellectual property products	716.8	756.2	762.5	763.7	777.4	788.2	797.9
13	Residential	645.4	705.9	702.4	723.0	745.5	739.7	737.4
14	Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
15	Net exports of goods and services	-524.0	-521.2	-492.8	-564.3	-582.8	-567.2	-531.7
16	Exports	2,264.9	2,214.6	2,248.4	2,241.5	2,295.6	2,314.9	2,347.7
17	Goods	1,497.2	1,446.0	1,473.0	1,467.2	1,515.0	1,520.9	1,543.1
18	Services	767.7	768.5	775.5	774.3	780.6	794.0	804.6
19	Imports	2,789.0	2,735.8	2,741.3	2,805.8	2,878.4	2,882.1	2,879.4
20	Goods	2,290.5	2,224.2	2,225.2	2,285.1	2,353.0	2,350.3	2,343.9
21	Services	498.5	511.6	516.1	520.7	525.5	531.9	535.5
22	Government consumption expenditures and gross investment	3,218.9	3,267.8	3,274.6	3,286.8	3,320.2	3,332.1	3,351.5
23	Federal	1,224.0	1,231.5	1,234.6	1,235.4	1,244.3	1,255.8	1,263.7
24	National defense	731.6	728.9	732.3	727.6	730.2	741.4	746.7
25	Nondefense	492.4	502.6	502.3	507.8	514.1	514.5	517.0
26	State and local	1,994.9	2,036.3	2,040.0	2,051.4	2,075.9	2,076.2	2,087.8

Table 1.1.6. Real Gross Domestic Product, Chained Dollars

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

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Personal consumption expenditures	11,264.3	11,572.1	11,618.1	11,702.1	11,758.0	11,853.0	11,922.1
3	Goods	3,927.3	4,072.2	4,090.8	4,138.4	4,145.4	4,199.9	4,243.4
4	Durable goods	1,511.8	1,595.1	1,611.9	1,647.9	1,647.3	1,677.8	1,711.5
5	Nondurable goods	2,446.8	2,514.3	2,517.9	2,533.2	2,540.2	2,566.6	2,580.1
6	Services	7,340.1	7,507.3	7,534.9	7,573.8	7,621.0	7,664.4	7,692.9
7	Gross private domestic investment	2,905.4	2,858.3	2,847.2	2,905.7	2,897.0	2,924.7	2,967.5
8	Fixed investment	2,782.7	2,803.4	2,808.2	2,820.3	2,875.7	2,898.5	2,909.4
9	Nonresidential	2,223.5	2,210.4	2,224.0	2,224.9	2,263.6	2,300.6	2,322.7
10	Structures	465.4	446.4	454.6	452.1	468.0	476.0	469.7
11	Equipment	1,084.5	1,047.8	1,043.4	1,048.0	1,059.4	1,082.0	1,104.5
12	Intellectual property products	677.8	720.4	729.0	728.3	738.6	745.3	753.2
13	Residential	556.9	587.4	579.8	589.8	605.5	594.1	585.0
14	Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
15	Net exports of goods and services	-545.3	-586.3	-557.3	-631.1	-622.2	-613.6	-595.5
16	Exports	2,127.1	2,120.1	2,145.3	2,124.4	2,162.3	2,181.1	2,193.7
17	Goods	1,443.1	1,447.5	1,467.2	1,454.5	1,492.3	1,500.4	1,505.6
18	Services	683.2	672.8	678.5	670.6	672.2	682.3	689.2
19	Imports	2,672.4	2,706.3	2,702.6	2,755.5	2,784.5	2,794.8	2,789.2
20	Goods	2,201.1	2,220.0	2,211.4	2,260.7	2,286.7	2,294.3	2,291.4
21	Services	469.3	484.0	488.6	492.4	495.5	498.2	495.5
22	Government consumption expenditures and gross investment	2,878.5	2,900.2	2,899.9	2,901.2	2,896.6	2,895.2	2,894.4
23	Federal	1,114.1	1,114.6	1,116.5	1,115.2	1,108.4	1,113.7	1,116.9
24	National defense	672.0	667.0	669.6	664.1	658.6	666.2	670.0
25	Nondefense	441.6	447.0	446.4	450.3	449.0	446.9	446.3
26	State and local	1,762.8	1,783.6	1,781.6	1,784.1	1,786.2	1,779.6	1,775.7
27	Residual	-44.8	-49.8	-54.2	-55.2	-54.0	-63.5	-75.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	1.1	1.3	1.4	2.0	2.0	1.0	2.2
2	Personal consumption expenditures	0.3	1.2	1.7	2.0	2.2	0.3	1.5
3	Goods	-2.9	-1.4	-0.6	1.3	2.7	-3.6	0.7
4	Durable goods	-2.1	-2.2	-3.5	-3.2	1.0	-3.6	-2.6
5	Nondurable goods	-3.3	-1.1	1.0	3.7	3.6	-3.6	2.4
6	Services	1.9	2.5	2.9	2.3	2.0	2.2	1.9
7	Gross private domestic investment	0.8	0.5	1.0	1.7	1.7	2.6	2.2
8	Fixed investment	1.1	0.6	1.2	1.6	1.6	2.5	2.2
9	Nonresidential	0.6	-0.3	-0.3	0.6	1.5	1.9	1.3
10	Structures	1.8	0.1	-0.3	2.3	3.1	3.8	4.6
11	Equipment	-0.1	-0.1	0.9	-0.4	0.7	0.8	0.2
12	Intellectual property products	0.9	-0.7	-1.9	1.0	1.6	1.9	0.7
13	Residential	2.7	3.7	6.4	4.8	1.7	4.6	5.1
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	-5.0	-1.9	2.2	2.7	2.5	-0.1	3.4
17	Goods	-7.1	-3.7	2.4	1.9	2.6	-0.6	4.5
18	Services	-0.5	1.7	2.0	4.2	2.3	0.8	1.3
19	Imports	-7.8	-3.1	3.0	1.6	6.2	-1.0	0.4
20	Goods	-9.1	-3.7	3.9	1.8	7.4	-1.8	-0.6
21	Services	-1.6	-0.5	-0.7	0.5	1.1	2.7	4.9
22	Government consumption expenditures and gross investment	0.6	0.8	1.1	1.3	4.8	1.6	2.5
23	Federal	0.6	0.6	0.5	0.8	5.5	1.8	1.3
24	National defense	0.3	0.4	0.5	0.7	4.9	1.4	0.6
25	Nondefense	1.0	0.8	0.5	0.8	6.3	2.3	2.4
26	State and local	0.6	0.9	1.5	1.7	4.4	1.5	3.2
	Addenda:							
27	Gross national product	1.1	1.3	1.4	2.0	2.0	1.0	---
	Implicit price deflators:							
28	Gross domestic product ¹	1.1	1.3	1.4	2.0	2.0	1.0	2.1
29	Gross national product ¹	1.1	1.3	1.4	2.0	1.9	1.0	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Gross domestic product	1.1	1.3	1.4	2.0	2.0	1.0	2.2
2	Percentage points at annual rates:							
3	Personal consumption expenditures	0.20	0.82	1.20	1.37	1.53	0.19	1.04
4	Goods	-0.67	-0.33	-0.13	0.29	0.59	-0.82	0.15
5	Durable goods	-0.16	-0.17	-0.27	-0.24	0.07	-0.28	-0.20
6	Nondurable goods	-0.51	-0.16	0.14	0.53	0.51	-0.54	0.35
7	Services	0.87	1.14	1.33	1.08	0.94	1.00	0.89
8	Gross private domestic investment	0.13	0.08	0.16	0.29	0.27	0.42	0.36
9	Fixed investment	0.17	0.10	0.20	0.26	0.26	0.41	0.36
10	Nonresidential	0.08	-0.03	-0.03	0.08	0.19	0.23	0.17
11	Structures	0.06	0.00	-0.01	0.06	0.09	0.11	0.13
12	Equipment	-0.01	-0.01	0.05	-0.02	0.04	0.04	0.01
13	Intellectual property products	0.04	-0.03	-0.08	0.04	0.06	0.08	0.03
14	Residential	0.09	0.13	0.23	0.18	0.07	0.18	0.19
15	Change in private inventories	-0.04	-0.02	-0.04	0.03	0.02	0.01	0.00
16	Net exports of goods and services	0.64	0.25	-0.17	0.09	-0.60	0.13	0.34
17	Exports	-0.67	-0.24	0.27	0.32	0.30	-0.01	0.41
18	Goods	-0.65	-0.30	0.19	0.15	0.20	-0.05	0.35
19	Services	-0.02	0.07	0.08	0.17	0.09	0.03	0.05
20	Imports	1.31	0.48	-0.44	-0.23	-0.90	0.14	-0.06
21	Goods	1.26	0.47	-0.46	-0.22	-0.87	0.22	0.07
22	Services	0.05	0.01	0.02	-0.01	-0.03	-0.07	-0.13
23	Government consumption expenditures and gross investment	0.10	0.13	0.19	0.23	0.82	0.28	0.42
24	Federal	0.04	0.04	0.03	0.05	0.35	0.12	0.09
25	National defense	0.01	0.02	0.02	0.03	0.18	0.06	0.02
26	Nondefense	0.03	0.02	0.01	0.02	0.16	0.06	0.06
27	State and local	0.06	0.10	0.16	0.18	0.47	0.17	0.34

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product

[Index numbers, 2009= 100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.416	111.628	112.190	112.746	113.029	113.630
2	Personal consumption expenditures	109.481	110.789	111.029	111.577	112.192	112.268	112.687
3	Goods	102.695	101.209	101.066	101.390	102.061	101.126	101.295
4	Durable goods	90.430	88.460	88.106	87.399	87.610	86.816	86.256
5	Nondurable goods	108.961	107.800	107.798	108.783	109.742	108.730	109.376
6	Services	113.065	115.878	116.325	116.995	117.579	118.206	118.763
7	Gross private domestic investment	106.479	106.961	107.050	107.587	107.999	108.667	109.215
8	Fixed investment	107.148	107.801	107.953	108.382	108.805	109.482	110.079
9	Nonresidential	105.069	104.790	104.726	104.892	105.291	105.779	106.135
10	Structures	115.484	115.637	115.623	116.287	117.175	118.284	119.625
11	Equipment	99.761	99.634	99.763	99.651	99.831	100.032	100.084
12	Intellectual property products	105.752	104.966	104.594	104.848	105.252	105.758	105.932
13	Residential	115.883	120.157	121.155	122.593	123.114	124.515	126.059
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	106.481	104.458	104.809	105.512	106.164	106.132	107.022
17	Goods	103.746	99.900	100.392	100.871	101.521	101.365	102.491
18	Services	112.365	114.228	114.281	115.474	116.130	116.372	116.743
19	Imports	104.364	101.090	101.432	101.827	103.372	103.126	103.236
20	Goods	104.060	100.193	100.623	101.077	102.896	102.440	102.293
21	Services	106.220	105.686	105.631	105.760	106.053	106.770	108.064
22	Government consumption expenditures and gross investment	111.825	112.676	112.919	113.291	114.625	115.088	115.793
23	Federal	109.866	110.488	110.571	110.782	112.266	112.763	113.141
24	National defense	108.872	109.285	109.368	109.562	110.883	111.280	111.450
25	Nondefense	111.511	112.448	112.531	112.767	114.493	115.138	115.829
26	State and local	113.168	114.164	114.507	114.980	116.222	116.665	117.576
	Addendum:							
27	Gross national product	110.109	111.509	111.721	112.284	112.827	113.108	---

Table 1.1.10. Percentage Shares of Gross Domestic Product

[Percent]

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	Personal consumption expenditures	68.1	68.8	68.9	69.1	69.2	69.1	68.9
3	Goods	22.3	22.1	22.1	22.2	22.2	22.1	22.0
4	Durable goods	7.5	7.6	7.6	7.6	7.6	7.6	7.6
5	Nondurable goods	14.7	14.6	14.5	14.6	14.6	14.5	14.5
6	Services	45.8	46.7	46.8	46.9	47.0	47.1	46.9
7	Gross private domestic investment	17.1	16.4	16.3	16.5	16.4	16.5	16.6
8	Fixed investment	16.5	16.2	16.2	16.2	16.4	16.5	16.4
9	Nonresidential	12.9	12.4	12.4	12.3	12.5	12.6	12.6
10	Structures	3.0	2.8	2.8	2.8	2.9	2.9	2.9
11	Equipment	6.0	5.6	5.6	5.5	5.5	5.6	5.7
12	Intellectual property products	4.0	4.1	4.1	4.0	4.1	4.1	4.1
13	Residential	3.6	3.8	3.8	3.8	3.9	3.8	3.8
14	Change in private inventories	0.6	0.2	0.1	0.4	0.0	0.0	0.2
15	Net exports of goods and services	-2.9	-2.8	-2.6	-3.0	-3.1	-2.9	-2.7
16	Exports	12.5	11.9	12.0	11.9	12.0	12.0	12.0
17	Goods	8.3	7.8	7.9	7.8	7.9	7.9	7.9
18	Services	4.2	4.1	4.1	4.1	4.1	4.1	4.1
19	Imports	15.4	14.7	14.6	14.8	15.1	15.0	14.8
20	Goods	12.6	11.9	11.9	12.1	12.3	12.2	12.0
21	Services	2.8	2.7	2.8	2.8	2.8	2.8	2.7
22	Government consumption expenditures and gross investment	17.8	17.5	17.5	17.4	17.4	17.3	17.2
23	Federal	6.8	6.6	6.6	6.5	6.5	6.5	6.5
24	National defense	4.0	3.9	3.9	3.8	3.8	3.9	3.8
25	Nondefense	2.7	2.7	2.7	2.7	2.7	2.7	2.7
26	State and local	11.0	10.9	10.9	10.9	10.9	10.8	10.7

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

[Percent]

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2016		2017		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	1.5	1.8	2.0	2.2	2.3
2	Personal consumption expenditures	2.8	2.8	2.9	2.7	2.6
3	Goods	3.5	4.0	3.6	3.5	3.7
4	Durable goods	5.7	7.0	6.7	6.4	6.2
5	Nondurable goods	2.4	2.5	2.1	1.9	2.5
6	Services	2.4	2.3	2.5	2.4	2.1
7	Gross private domestic investment	-2.7	0.9	1.7	3.3	4.2
8	Fixed investment	0.1	1.1	3.2	3.6	3.6
9	Nonresidential	-0.7	0.7	3.5	4.3	4.4
10	Structures	-2.0	3.5	6.6	8.3	3.3
11	Equipment	-5.3	-3.7	0.8	3.1	5.9
12	Intellectual property products	7.4	5.2	5.1	3.3	3.3
13	Residential	2.6	2.5	2.0	1.3	0.9
14	Change in private inventories	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---
16	Exports	1.0	0.6	3.1	3.2	2.3
17	Goods	1.7	1.8	4.4	4.3	2.6
18	Services	-0.4	-1.8	0.5	1.3	1.6
19	Imports	0.7	2.7	3.8	4.1	3.2
20	Goods	0.2	2.5	3.8	4.1	3.6
21	Services	3.1	3.5	3.9	4.2	1.4
22	Government consumption expenditures and gross investment	0.4	0.4	-0.2	0.0	-0.2
23	Federal	0.4	-0.3	-0.6	0.1	0.0
24	National defense	0.3	-1.4	-1.5	0.1	0.1
25	Nondefense	0.5	1.2	0.9	0.2	0.0
26	State and local	0.4	0.8	0.0	-0.1	-0.3
	Addenda:					
27	Final sales of domestic product	2.0	1.9	2.2	2.2	2.2
28	Gross domestic purchases	1.5	2.1	2.1	2.4	2.4
29	Final sales to domestic purchasers	1.9	2.1	2.4	2.4	2.3
30	Final sales to private domestic purchasers ¹	2.2	2.5	2.9	2.9	2.8
31	Gross domestic income (GDI)	1.4	0.5	1.3	2.0	---
32	Average of GDP and GDI ²	1.4	1.2	1.6	2.1	---
33	Gross national product	1.5	1.9	2.2	2.2	---
34	Real disposable personal income	1.4	0.2	0.9	1.2	1.2
	Price indexes (chain-type):					
35	Gross domestic purchases	1.0	1.4	2.0	1.7	1.8
36	Gross domestic purchases excluding food and energy ³	1.4	1.5	1.8	1.7	1.7
37	Gross domestic product	1.2	1.5	2.0	1.6	1.8
38	Gross domestic product excluding food and energy ¹	1.6	1.7	2.0	1.8	1.7
39	Personal consumption expenditures	1.2	1.6	2.0	1.6	1.5
40	Personal consumption expenditures excluding food and energy ³	1.8	1.9	1.8	1.5	1.3
41	Market-based PCE ⁴	0.7	1.3	1.8	1.3	1.3
42	Market-based PCE excluding food and energy ⁴	1.5	1.5	1.5	1.2	1.1

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Final sales of domestic product	2.6	1.9	2.6	0.7	2.7	2.9	2.3
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	3.1	1.4	4.7	3.0	-1.6	7.3	8.7
5	Final sales	2.3	2.8	4.2	-0.6	3.4	6.9	6.1
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	1.8	1.2	7.3	4.5	-0.7	5.6	10.2
8	Final sales	2.1	2.3	3.1	1.1	1.1	6.4	8.8
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	4.7	1.5	1.6	1.2	-2.7	9.5	6.8
11	Final sales	2.7	3.3	5.5	-2.7	6.3	7.5	2.9
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	2.6	1.7	2.2	1.0	1.5	2.1	1.8
14	Structures	4.0	0.4	0.1	3.4	10.3	-4.3	-7.7
	Addenda:							
15	Motor vehicle output	5.4	1.6	2.7	-1.9	-7.3	0.8	-14.4
16	Gross domestic product excluding motor vehicle output	2.8	1.5	2.8	1.9	1.5	3.1	3.5
17	Final sales of computers ³	6.3	13.0	-7.9	-7.8	23.3	22.3	-31.0
18	Gross domestic product excluding final sales of computers	2.8	1.4	2.8	1.8	1.2	3.0	3.1
19	Gross domestic purchases excluding final sales of computers to domestic purchasers	3.5	1.7	2.3	3.3	0.9	2.6	2.4
20	Research and development	1.2	4.9	2.2	-1.1	7.1	1.3	0.3
21	Gross domestic product excluding research and development	2.9	1.4	2.8	1.8	1.1	3.1	3.1
22	Final sales of domestic product, current dollars	3.8	3.2	4.1	2.7	4.8	4.0	4.5

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
	Percentage points at annual rates:							
2	Final sales of domestic product	2.63	1.88	2.62	0.70	2.70	2.94	2.26
3	Change in private inventories	0.23	-0.40	0.16	1.06	-1.46	0.12	0.73
4	Goods	0.93	0.41	1.39	0.88	-0.47	2.10	2.49
5	Final sales	0.70	0.81	1.23	-0.18	1.00	1.98	1.76
6	Change in private inventories	0.23	-0.40	0.16	1.06	-1.46	0.12	0.73
7	Durable goods	0.30	0.21	1.16	0.72	-0.11	0.89	1.59
8	Final sales	0.34	0.37	0.51	0.18	0.18	1.01	1.37
9	Change in private inventories ¹	-0.05	-0.16	0.65	0.54	-0.29	-0.12	0.22
10	Nondurable goods	0.63	0.21	0.23	0.16	-0.36	1.21	0.90
11	Final sales	0.36	0.44	0.72	-0.36	0.81	0.97	0.39
12	Change in private inventories ¹	0.27	-0.23	-0.49	0.52	-1.17	0.24	0.51
13	Services ²	1.61	1.04	1.39	0.61	0.91	1.32	1.15
14	Structures	0.32	0.04	0.01	0.27	0.80	-0.36	-0.64
	Addenda:							
15	Motor vehicle output	0.15	0.05	0.08	-0.06	-0.22	0.02	-0.42
16	Gross domestic product excluding motor vehicle output	2.71	1.44	2.70	1.81	1.45	3.04	3.41
17	Final sales of computers ³	0.02	0.05	-0.03	-0.03	0.08	0.08	-0.14
18	Gross domestic product excluding final sales of computers	2.84	1.44	2.81	1.79	1.16	2.98	3.13
19	Research and development	0.03	0.12	0.06	-0.03	0.18	0.03	0.01
20	Gross domestic product excluding research and development	2.83	1.36	2.72	1.79	1.06	3.03	2.98

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Final sales of domestic product	112.275	114.402	114.930	115.129	115.908	116.753	117.406
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	132.104	133.917	134.768	135.758	135.214	137.618	140.503
5	Final sales	124.565	127.996	129.210	129.005	130.102	132.297	134.261
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	136.427	138.130	139.333	140.865	140.619	142.536	146.032
8	Final sales	127.693	130.604	131.583	131.939	132.312	134.390	137.248
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	126.858	128.789	129.240	129.619	128.742	131.688	133.881
11	Final sales	120.748	124.778	126.262	125.407	127.340	129.666	130.599
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	107.103	108.896	109.288	109.553	109.950	110.527	111.031
14	Structures	110.135	110.628	110.036	110.971	113.733	112.479	110.254
	Addenda:							
15	Motor vehicle output	192.774	195.822	197.797	196.866	193.185	193.588	186.230
16	Gross domestic product excluding motor vehicle output	112.834	114.506	114.909	115.442	115.872	116.767	117.782
17	Final sales of computers ³	157.166	177.564	177.893	174.341	183.716	193.191	176.063
18	Gross domestic product excluding final sales of computers	114.089	115.734	116.164	116.683	117.020	117.885	118.801
19	Gross domestic purchases excluding final sales of computers to domestic purchasers	114.616	116.515	116.745	117.704	117.978	118.729	119.432
20	Research and development	106.396	111.642	112.755	112.448	114.405	114.779	114.875
21	Gross domestic product excluding research and development	114.451	116.051	116.462	116.992	117.308	118.209	119.103

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
2	Final sales of domestic product	110.116	111.554	111.781	112.324	112.883	113.166	113.776
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	102.311	101.552	101.360	101.581	101.637	101.214	101.747
5	Final sales	102.559	101.860	101.680	101.879	101.920	101.489	102.024
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	99.431	98.701	98.422	98.146	98.621	98.303	97.939
8	Final sales	99.528	98.791	98.516	98.238	98.714	98.389	98.021
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	106.074	105.276	105.193	106.063	105.570	105.008	106.713
11	Final sales	106.485	105.836	105.780	106.602	106.077	105.509	107.217
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	113.204	115.674	116.084	116.750	117.557	118.114	118.655
14	Structures	115.996	118.260	118.765	119.794	120.579	121.766	123.249
	Addenda:							
15	Motor vehicle output	112.861	112.774	112.829	112.658	113.753	112.671	112.026
16	Gross domestic product excluding motor vehicle output	109.962	111.414	111.641	112.212	112.758	113.083	113.728
17	Final sales of computers ³	62.632	57.692	57.131	56.199	54.972	53.812	53.821
18	Gross domestic product excluding final sales of computers	110.275	111.728	111.955	112.516	113.091	113.388	114.001
19	Implicit price deflator for final sales of domestic product	110.116	111.554	111.777	112.320	112.879	113.163	113.772
20	Research and development	113.855	113.028	112.660	112.896	113.780	114.389	114.982
21	Gross domestic product excluding research and development	109.912	111.375	111.612	112.170	112.723	113.000	113.610

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Final sales of domestic product	18,008.8	18,589.4	18,712.7	18,836.1	19,057.8	19,245.2	19,457.1
3	Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
4	Goods	5,483.8	5,517.3	5,541.0	5,596.0	5,575.7	5,650.7	5,798.3
5	Final sales	5,371.9	5,482.2	5,524.5	5,526.5	5,575.8	5,645.9	5,759.9
6	Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
7	Durable goods	3,006.0	3,020.9	3,038.7	3,063.6	3,073.1	3,105.1	3,169.5
8	Final sales	2,964.8	3,010.0	3,024.2	3,023.9	3,047.1	3,084.8	3,138.6
9	Change in private inventories ¹	41.2	11.0	14.5	39.7	26.0	20.3	30.9
10	Nondurable goods	2,477.8	2,496.4	2,502.3	2,532.4	2,502.6	2,545.6	2,628.8
11	Final sales	2,407.1	2,472.3	2,500.3	2,502.6	2,528.7	2,561.1	2,621.3
12	Change in private inventories ¹	70.8	24.1	2.0	29.7	-26.1	-15.4	7.5
13	Services ²	11,179.2	11,614.3	11,697.0	11,792.7	11,917.2	12,036.5	12,146.6
14	Structures	1,457.7	1,492.8	1,491.2	1,516.9	1,564.9	1,562.8	1,550.6
	Addenda:							
15	Motor vehicle output	536.5	544.6	550.4	547.0	542.0	538.0	514.5
16	Gross domestic product excluding motor vehicle output	17,584.2	18,079.8	18,178.7	18,358.6	18,515.7	18,712.0	18,981.0
17	Final sales of computers ³	71.4	74.3	73.7	71.0	73.2	75.3	68.7
18	Gross domestic product excluding final sales of computers	18,049.4	18,550.2	18,655.5	18,834.5	18,984.5	19,174.7	19,426.8
19	Research and development	454.0	473.0	476.1	475.8	487.9	492.1	495.1
20	Gross domestic product excluding research and development	17,666.7	18,151.5	18,253.0	18,429.7	18,569.8	18,757.9	19,000.4

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Final sales of domestic product	16,354.3	16,664.1	16,741.1	16,770.0	16,883.5	17,006.6	17,101.7
3	Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
4	Residual	16.7	18.7	19.5	18.4	18.6	18.9	19.4
5	Goods	5,359.9	5,433.5	5,468.0	5,508.2	5,486.1	5,583.7	5,700.7
6	Final sales	5,237.9	5,382.1	5,433.2	5,424.5	5,470.7	5,563.0	5,645.6
7	Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
8	Durable goods	3,023.0	3,060.7	3,087.4	3,121.3	3,115.9	3,158.4	3,235.8
9	Final sales	2,978.9	3,046.8	3,069.6	3,077.9	3,086.6	3,135.1	3,201.8
10	Change in private inventories ¹	38.5	10.4	13.9	37.6	24.5	18.9	28.6
11	Nondurable goods	2,336.1	2,371.7	2,380.0	2,386.9	2,370.8	2,425.1	2,465.4
12	Final sales	2,260.5	2,336.0	2,363.7	2,347.7	2,383.9	2,427.5	2,444.9
13	Change in private inventories ¹	61.8	22.8	4.1	26.2	-21.9	-12.3	8.1
14	Services ²	9,875.2	10,040.6	10,076.7	10,101.2	10,137.8	10,191.0	10,237.4
15	Structures	1,256.7	1,262.3	1,255.6	1,266.2	1,297.8	1,283.5	1,258.1
16	Residual	-0.1	-2.7	-5.5	-5.4	-5.5	-12.5	-21.9
	Addenda:							
17	Motor vehicle output	475.8	483.3	488.2	485.9	476.8	477.8	459.7
18	Gross domestic product excluding motor vehicle output	15,990.7	16,227.7	16,284.8	16,360.3	16,421.3	16,548.1	16,691.9
19	Final sales of computers ³	113.9	128.7	129.0	126.4	133.2	140.0	127.6
20	Gross domestic product excluding final sales of computers	16,367.5	16,603.5	16,665.2	16,739.6	16,787.9	16,912.1	17,043.4
21	Research and development	398.8	418.4	422.6	421.5	428.8	430.2	430.6
22	Gross domestic product excluding research and development	16,073.4	16,298.1	16,355.8	16,430.3	16,474.7	16,601.2	16,726.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Business ¹	3.5	1.6	3.3	2.2	1.4	3.7	3.8
3	Nonfarm ²	3.4	1.5	3.3	2.2	1.8	3.9	3.8
4	Farm	7.8	12.4	3.5	-3.8	-32.4	-13.9	-3.0
5	Households and institutions	1.7	1.5	0.7	0.9	1.7	1.6	0.7
6	Households	1.4	1.4	0.1	1.1	1.5	2.1	0.2
7	Nonprofit institutions serving households ³	2.1	1.6	1.5	0.8	2.0	1.0	1.5
8	General government ⁴	0.2	0.8	1.5	0.0	-0.1	0.2	0.4
9	Federal	-0.7	0.3	0.8	-0.2	-0.9	-0.5	0.4
10	State and local	0.7	1.0	1.8	0.1	0.3	0.5	0.3
	Addendum:							
11	Gross housing value added	2.5	1.7	0.4	1.0	1.5	2.0	0.6

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 1.3.3. Real Gross Value Added by Sector, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Business ¹	118.370	120.253	120.776	121.425	121.838	122.964	124.110
3	Nonfarm ²	118.485	120.245	120.756	121.423	121.953	123.135	124.302
4	Farm	110.033	123.703	125.581	124.370	112.755	108.618	107.793
5	Households and institutions	106.483	108.072	108.189	108.440	108.901	109.344	109.544
6	Households	104.991	106.506	106.543	106.822	107.221	107.792	107.840
7	Nonprofit institutions serving households ³	108.522	110.209	110.435	110.647	111.192	111.462	111.867
8	General government ⁴	99.240	100.040	100.280	100.289	100.262	100.316	100.409
9	Federal	100.744	101.073	101.222	101.179	100.950	100.835	100.945
10	State and local	98.512	99.522	99.804	99.835	99.899	100.028	100.115
	Addendum:							
11	Gross housing value added	108.438	110.266	110.346	110.624	111.024	111.563	111.740

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
2	Business ¹	109.281	110.410	110.563	111.156	111.570	111.748	112.310
3	Nonfarm ²	109.147	110.489	110.672	111.292	111.553	111.720	112.314
4	Farm	120.410	100.623	97.972	96.080	111.421	112.865	109.853
5	Households and institutions	110.959	113.851	114.507	115.044	115.831	116.495	117.401
6	Households	109.444	112.587	112.992	114.094	114.988	115.698	116.645
7	Nonprofit institutions serving households ³	113.009	115.565	116.556	116.341	116.985	117.587	118.439
8	General government ⁴	113.634	115.285	115.496	115.761	117.076	117.672	118.279
9	Federal	111.220	112.431	112.480	112.667	114.644	115.266	115.610
10	State and local	114.813	116.671	116.958	117.261	118.266	118.851	119.581
	Addendum:							
11	Gross housing value added	110.593	114.037	114.473	115.618	116.562	117.376	118.362

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Business ¹	13,708.5	14,069.9	14,149.1	14,303.6	14,404.7	14,560.7	14,769.0
3	Nonfarm ²	13,563.0	13,933.2	14,014.3	14,172.6	14,266.9	14,426.8	14,640.3
4	Farm	145.5	136.7	134.9	131.1	137.8	133.8	128.7
5	Households and institutions	2,261.0	2,354.5	2,370.6	2,387.3	2,413.8	2,437.5	2,461.0
6	Households	1,275.6	1,331.1	1,336.4	1,352.9	1,368.6	1,384.4	1,396.4
7	Nonprofit institutions serving households ³	985.4	1,023.4	1,034.3	1,034.4	1,045.2	1,053.1	1,064.6
8	General government ⁴	2,151.2	2,200.1	2,209.4	2,214.6	2,239.2	2,251.8	2,265.5
9	Federal	676.4	685.9	687.3	688.1	698.6	701.6	704.4
10	State and local	1,474.9	1,514.1	1,522.1	1,526.5	1,540.6	1,550.2	1,561.1
	Addendum:							
11	Gross housing value added	1,689.8	1,771.8	1,779.8	1,802.1	1,823.4	1,845.1	1,863.5

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 1.3.6. Real Gross Value Added by Sector, Chained Dollars

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

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Business ¹	12,544.2	12,743.8	12,799.2	12,868.0	12,911.8	13,031.1	13,152.6
3	Nonfarm ²	12,426.3	12,611.0	12,664.5	12,734.5	12,790.1	12,914.0	13,036.4
4	Farm	120.8	135.8	137.9	136.6	123.8	119.3	118.4
5	Households and institutions	2,037.7	2,068.1	2,070.3	2,075.1	2,083.9	2,092.4	2,096.2
6	Households	1,165.5	1,182.3	1,182.7	1,185.8	1,190.2	1,196.6	1,197.1
7	Nonprofit institutions serving households ³	872.0	885.6	887.4	889.1	893.5	895.6	898.9
8	General government ⁴	1,893.1	1,908.4	1,913.0	1,913.1	1,912.6	1,913.6	1,915.4
9	Federal	608.1	610.1	611.0	610.7	609.4	608.7	609.3
10	State and local	1,284.6	1,297.8	1,301.4	1,301.8	1,302.7	1,304.4	1,305.5
11	Residual	-5.8	-6.4	-6.8	-7.1	-6.4	-7.5	-8.7
	Addendum:							
12	Gross housing value added	1,527.9	1,553.7	1,554.8	1,558.7	1,564.3	1,571.9	1,574.4

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Less: Exports of goods and services	0.4	-0.3	6.4	-3.8	7.3	3.5	2.3
3	Plus: Imports of goods and services	5.0	1.3	2.7	8.1	4.3	1.5	-0.8
4	Equals: Gross domestic purchases	3.5	1.7	2.4	3.3	1.0	2.8	2.5
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	3.3	2.1	2.2	2.3	2.4	2.7	1.8
	Addenda:							
7	Final sales of domestic product	2.6	1.9	2.6	0.7	2.7	2.9	2.3
8	Final sales to private domestic purchasers ¹	3.7	2.3	2.6	2.7	3.1	3.3	2.2
9	Gross domestic purchases, current dollars	3.9	2.7	3.9	5.3	3.6	3.6	4.3
10	Final sales to domestic purchasers, current dollars	3.8	3.1	3.8	4.1	5.0	3.5	3.6
11	Final sales to private domestic purchasers, current dollars ¹	4.2	3.5	4.3	4.7	5.2	4.0	3.9

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Less: Exports of goods and services	133.967	133.527	135.115	133.799	136.187	137.374	138.163
3	Plus: Imports of goods and services	134.751	136.463	136.275	138.942	140.407	140.924	140.641
4	Equals: Gross domestic purchases	114.871	116.791	117.028	117.986	118.276	119.087	119.828
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	112.957	115.296	115.632	116.281	116.983	117.756	118.282
	Addenda:							
7	Final sales of domestic product	112.275	114.402	114.930	115.129	115.908	116.753	117.406
8	Final sales to private domestic purchasers ¹	118.199	120.973	121.401	122.212	123.140	124.130	124.805

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
2	Less: Exports of goods and services	106.481	104.458	104.813	105.516	106.168	106.136	107.026
3	Plus: Imports of goods and services	104.364	101.090	101.439	101.835	103.381	103.134	103.244
4	Equals: Gross domestic purchases	109.564	110.661	110.887	111.393	112.100	112.340	112.836
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	109.659	110.785	111.015	111.515	112.219	112.458	112.954
	Addenda:							
7	Final sales of domestic product	110.116	111.554	111.781	112.324	112.883	113.166	113.776
8	Final sales to private domestic purchasers ¹	109.125	110.305	110.533	111.059	111.636	111.830	112.285
9	Implicit price deflator for final sales to domestic purchasers	109.659	110.785	111.011	111.511	112.215	112.454	112.950

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Less: Exports of goods and services	2,264.9	2,214.6	2,248.4	2,241.5	2,295.6	2,314.9	2,347.7
3	Plus: Imports of goods and services	2,789.0	2,735.8	2,741.3	2,805.8	2,878.4	2,882.1	2,879.4
4	Equals: Gross domestic purchases	18,644.8	19,145.7	19,222.0	19,469.9	19,640.5	19,817.2	20,027.2
5	Less: Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
6	Equals: Final sales to domestic purchasers	18,532.8	19,110.6	19,205.5	19,400.4	19,640.7	19,812.4	19,988.8
	Addenda:							
7	Final sales of domestic product	18,008.8	18,589.4	18,712.7	18,836.1	19,057.8	19,245.2	19,457.1
8	Final sales to private domestic purchasers ¹	15,313.9	15,842.8	15,930.9	16,113.6	16,320.4	16,480.3	16,637.3

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Less: Exports of goods and services	2,127.1	2,120.1	2,145.3	2,124.4	2,162.3	2,181.1	2,193.7
3	Plus: Imports of goods and services	2,672.4	2,706.3	2,702.6	2,755.5	2,784.5	2,794.8	2,789.2
4	Equals: Gross domestic purchases	17,017.2	17,301.6	17,336.7	17,478.6	17,521.6	17,641.8	17,751.5
5	Less: Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
6	Equals: Final sales to domestic purchasers	16,900.4	17,250.3	17,300.6	17,397.7	17,502.7	17,618.3	17,697.0
	Addenda:							
7	Final sales of domestic product	16,354.3	16,664.1	16,741.1	16,770.0	16,883.5	17,006.6	17,101.7
8	Final sales to private domestic purchasers ¹	14,033.4	14,362.7	14,413.5	14,509.8	14,619.9	14,737.6	14,817.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Personal consumption expenditures	3.6	2.7	2.8	2.9	1.9	3.3	2.4
3	Goods	4.6	3.7	3.2	4.7	0.7	5.4	4.2
4	Durable goods	7.7	5.5	9.4	9.2	-0.1	7.6	8.3
5	Motor vehicles and parts	6.9	2.9	15.0	13.1	-9.6	0.8	14.7
6	Furnishings and durable household equipment	8.4	7.2	5.9	5.4	4.6	9.1	7.4
7	Recreational goods and vehicles	8.9	9.1	8.1	11.1	10.6	13.1	-0.1
8	Other durable goods	6.7	2.8	5.0	3.5	-2.8	11.0	11.7
9	Nondurable goods	3.1	2.8	0.1	2.5	1.1	4.2	2.1
10	Food and beverages purchased for off-premises consumption	0.6	2.7	1.8	4.4	1.2	0.2	3.2
11	Clothing and footwear	3.8	2.4	1.5	1.4	-3.7	9.9	-0.5
12	Gasoline and other energy goods	4.6	1.2	-3.1	-2.0	-5.9	8.2	-4.8
13	Other nondurable goods	4.6	3.3	-1.0	2.5	4.7	4.6	3.9
14	Services	3.2	2.3	2.7	2.1	2.5	2.3	1.5
15	Household consumption expenditures (for services)	3.3	2.1	2.4	2.2	2.5	2.5	1.5
16	Housing and utilities	1.7	1.3	2.1	-0.9	-0.4	3.4	0.2
17	Health care	5.1	3.8	1.1	5.5	2.1	1.3	1.5
18	Transportation services	4.3	3.7	5.2	2.8	2.0	0.4	2.2
19	Recreation services	2.4	2.1	4.7	2.7	4.4	1.4	3.7
20	Food services and accommodations	4.3	2.4	1.6	0.0	2.6	-0.6	2.8
21	Financial services and insurance	3.0	-1.6	2.5	1.3	7.7	2.6	2.8
22	Other services	2.5	3.4	4.2	4.5	3.9	6.4	0.8
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	0.9	5.4	7.9	-0.7	3.3	-1.9	1.7
24	Gross output of nonprofit institutions ²	3.0	3.3	2.5	4.9	1.6	-3.0	0.7
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	3.7	2.6	0.7	6.8	1.0	-3.3	0.3
26	Gross private domestic investment	5.2	-1.6	2.4	8.5	-1.2	3.9	6.0
27	Fixed investment	3.9	0.7	1.5	1.7	8.1	3.2	1.5
28	Nonresidential	2.3	-0.6	3.4	0.2	7.2	6.7	3.9
29	Structures	-1.8	-4.1	14.3	-2.2	14.8	7.0	-5.2
30	Equipment	3.5	-3.4	-2.1	1.8	4.4	8.8	8.6
31	Information processing equipment	4.3	1.8	6.5	2.9	8.0	10.6	13.0
32	Computers and peripheral equipment	-3.5	-3.6	-1.0	-3.1	3.5	43.9	35.9
33	Other	7.3	3.7	9.0	4.8	9.5	1.7	6.0
34	Industrial equipment	1.1	2.3	2.3	5.5	7.7	11.7	5.5
35	Transportation equipment	10.4	-7.3	-13.6	-3.5	-2.7	1.0	6.9
36	Other equipment	-2.6	-9.8	-2.1	3.2	5.5	13.4	8.1
37	Intellectual property products	3.8	6.3	4.2	-0.4	5.7	3.7	4.3
38	Software ⁴	5.6	7.1	6.4	2.1	4.8	6.8	6.7
39	Research and development ⁵	1.4	6.5	1.0	-4.2	7.8	1.2	2.3
40	Entertainment, literary, and artistic originals	5.4	2.1	7.9	4.2	1.9	0.5	1.7
41	Residential	10.2	5.5	-4.5	7.1	11.1	-7.3	-6.0
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	0.4	-0.3	6.4	-3.8	7.3	3.5	2.3
47	Goods	-0.4	0.3	8.1	-3.4	10.8	2.2	1.4
48	Services	2.1	-1.5	3.2	-4.6	1.0	6.2	4.1
49	Imports	5.0	1.3	2.7	8.1	4.3	1.5	-0.8
50	Goods	5.2	0.9	1.2	9.2	4.7	1.3	-0.5
51	Services	4.0	3.1	9.0	3.2	2.5	2.2	-2.1

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	1.4	0.8	0.5	0.2	-0.6	-0.2	-0.1
53	Federal	-0.1	0.0	1.6	-0.5	-2.4	1.9	1.1
54	National defense	-2.2	-0.7	2.5	-3.2	-3.3	4.7	2.3
55	Consumption expenditures	-2.2	-1.0	3.2	-4.9	-6.5	0.6	3.0
56	Gross investment	-1.9	0.5	-0.1	3.9	10.6	22.0	-0.4
57	Nondefense	3.2	1.2	0.3	3.6	-1.2	-1.9	-0.5
58	Consumption expenditures	3.7	1.0	-0.3	3.2	-3.4	-2.6	2.4
59	Gross investment	1.8	1.9	2.1	4.9	6.0	0.2	-8.8
60	State and local	2.3	1.2	-0.2	0.6	0.5	-1.5	-0.9
61	Consumption expenditures	2.1	1.7	1.9	0.2	0.4	1.0	0.8
62	Gross investment	3.1	-1.2	-9.6	2.7	0.6	-13.2	-9.5

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
	Percentage points at annual rates:							
2	Personal consumption expenditures	2.47	1.86	1.92	1.99	1.32	2.24	1.62
3	Goods	1.03	0.81	0.69	1.03	0.15	1.16	0.92
4	Durable goods	0.57	0.41	0.68	0.67	-0.01	0.56	0.61
5	Motor vehicles and parts	0.17	0.08	0.36	0.32	-0.26	0.02	0.35
6	Furnishings and durable household equipment	0.14	0.12	0.10	0.09	0.08	0.15	0.13
7	Recreational goods and vehicles	0.18	0.18	0.16	0.22	0.21	0.26	0.00
8	Other durable goods	0.08	0.03	0.06	0.04	-0.03	0.12	0.13
9	Nondurable goods	0.47	0.40	0.01	0.35	0.16	0.61	0.31
10	Food and beverages purchased for off-premises consumption	0.03	0.13	0.09	0.21	0.06	0.01	0.16
11	Clothing and footwear	0.08	0.05	0.03	0.03	-0.08	0.20	-0.01
12	Gasoline and other energy goods	0.09	0.02	-0.05	-0.03	-0.10	0.12	-0.07
13	Other nondurable goods	0.27	0.20	-0.06	0.15	0.28	0.28	0.24
14	Services	1.44	1.05	1.23	0.97	1.17	1.08	0.70
15	Household consumption expenditures (for services)	1.42	0.95	1.08	0.98	1.11	1.11	0.67
16	Housing and utilities	0.21	0.16	0.27	-0.11	-0.04	0.42	0.02
17	Health care	0.57	0.43	0.13	0.62	0.24	0.15	0.18
18	Transportation services	0.09	0.08	0.11	0.06	0.04	0.01	0.05
19	Recreation services	0.06	0.06	0.12	0.07	0.12	0.04	0.10
20	Food services and accommodations	0.19	0.11	0.07	0.00	0.12	-0.03	0.13
21	Financial services and insurance	0.15	-0.09	0.13	0.07	0.40	0.14	0.15
22	Other services	0.15	0.20	0.25	0.27	0.23	0.38	0.05
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	0.02	0.10	0.15	-0.01	0.06	-0.04	0.03
24	Gross output of nonprofit institutions ²	0.22	0.24	0.19	0.36	0.12	-0.23	0.05
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	0.20	0.14	0.04	0.38	0.06	-0.19	0.02
26	Gross private domestic investment	0.87	-0.28	0.40	1.34	-0.20	0.64	0.98
27	Fixed investment	0.64	0.12	0.25	0.28	1.27	0.53	0.25
28	Nonresidential	0.30	-0.08	0.42	0.02	0.86	0.82	0.49
29	Structures	-0.06	-0.12	0.37	-0.06	0.39	0.20	-0.15
30	Equipment	0.21	-0.20	-0.12	0.10	0.24	0.48	0.47
31	Information processing equipment	0.07	0.03	0.10	0.05	0.13	0.17	0.21
32	Computers and peripheral equipment	-0.02	-0.01	0.00	-0.01	0.01	0.15	0.13
33	Other	0.09	0.05	0.11	0.06	0.11	0.02	0.07
34	Industrial equipment	0.01	0.03	0.03	0.07	0.09	0.14	0.07
35	Transportation equipment	0.16	-0.12	-0.23	-0.05	-0.04	0.02	0.10
36	Other equipment	-0.04	-0.14	-0.03	0.04	0.06	0.15	0.10
37	Intellectual property products	0.15	0.25	0.17	-0.02	0.23	0.15	0.17
38	Software ⁴	0.10	0.13	0.12	0.04	0.09	0.13	0.13
39	Research and development ⁵	0.02	0.11	0.02	-0.07	0.13	0.02	0.04
40	Entertainment, literary, and artistic originals	0.02	0.01	0.03	0.02	0.01	0.00	0.01
41	Residential	0.34	0.20	-0.18	0.26	0.41	-0.30	-0.24
42	Change in private inventories	0.23	-0.40	0.16	1.06	-1.46	0.12	0.73
43	Farm	0.03	0.00	-0.05	-0.09	0.13	-0.04	0.08
44	Nonfarm	0.20	-0.39	0.20	1.15	-1.59	0.15	0.65
45	Net exports of goods and services	-0.73	-0.23	0.36	-1.61	0.22	0.21	0.41
46	Exports	0.05	-0.04	0.74	-0.47	0.85	0.42	0.28
47	Goods	-0.03	0.02	0.60	-0.27	0.81	0.18	0.11
48	Services	0.09	-0.06	0.13	-0.19	0.04	0.25	0.17
49	Imports	-0.78	-0.19	-0.37	-1.14	-0.63	-0.22	0.12

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

Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
50	Goods	-0.67	-0.11	-0.14	-1.05	-0.56	-0.16	0.07
51	Services	-0.11	-0.09	-0.24	-0.09	-0.07	-0.06	0.06
52	Government consumption expenditures and gross investment	0.25	0.13	0.09	0.03	-0.11	-0.03	-0.02
53	Federal	-0.01	0.00	0.11	-0.03	-0.16	0.13	0.08
54	National defense	-0.09	-0.03	0.10	-0.13	-0.13	0.18	0.09
55	Consumption expenditures	-0.08	-0.03	0.10	-0.16	-0.21	0.02	0.09
56	Gross investment	-0.02	0.00	0.00	0.03	0.08	0.16	0.00
57	Nondefense	0.09	0.03	0.01	0.10	-0.03	-0.05	-0.01
58	Consumption expenditures	0.07	0.02	-0.01	0.06	-0.07	-0.05	0.05
59	Gross investment	0.01	0.01	0.01	0.03	0.04	0.00	-0.06
60	State and local	0.26	0.13	-0.02	0.06	0.05	-0.16	-0.09
61	Consumption expenditures	0.20	0.15	0.17	0.01	0.04	0.09	0.08
62	Gross investment	0.06	-0.02	-0.18	0.05	0.01	-0.25	-0.17

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Personal consumption expenditures	114.393	117.520	117.987	118.840	119.408	120.372	121.074
3	Goods	122.789	127.318	127.900	129.387	129.607	131.311	132.670
4	Durable goods	147.737	155.873	157.516	161.032	160.977	163.956	167.250
5	Motor vehicles and parts	134.374	138.288	140.201	144.584	140.980	141.258	146.182
6	Furnishings and durable household equipment	146.948	157.476	158.904	161.013	162.839	166.436	169.435
7	Recreational goods and vehicles	174.209	189.994	191.951	197.062	202.069	208.401	208.326
8	Other durable goods	133.963	137.665	138.479	139.662	138.660	142.338	146.343
9	Nondurable goods	112.488	115.593	115.759	116.462	116.783	117.996	118.621
10	Food and beverages purchased for off-premises consumption	105.231	108.115	108.471	109.632	109.954	109.998	110.880
11	Clothing and footwear	120.633	123.556	124.087	124.506	123.324	126.263	126.108
12	Gasoline and other energy goods	100.398	101.591	100.969	100.449	98.942	100.919	99.687
13	Other nondurable goods	121.960	126.003	126.094	126.865	128.331	129.793	131.053
14	Services	110.402	112.917	113.332	113.917	114.628	115.280	115.709
15	Household consumption expenditures (for services)	110.472	112.845	113.223	113.841	114.542	115.247	115.673
16	Housing and utilities	106.263	107.669	108.204	107.960	107.865	108.766	108.813
17	Health care	115.431	119.771	119.931	121.539	122.167	122.568	123.034
18	Transportation services	117.540	121.871	122.504	123.359	123.962	124.074	124.754
19	Recreation services	112.633	115.005	115.418	116.189	117.451	117.848	118.911
20	Food services and accommodations	117.047	119.904	120.439	120.449	121.233	121.042	121.891
21	Financial services and insurance	103.011	101.353	101.445	101.782	103.690	104.359	105.082
22	Other services	108.894	112.635	113.132	114.397	115.505	117.322	117.554
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	108.801	114.661	115.949	115.750	116.696	116.135	116.622
24	Gross output of nonprofit institutions ²	110.962	114.607	114.977	116.350	116.814	115.936	116.126
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	111.701	114.599	114.653	116.562	116.861	115.873	115.959
26	Gross private domestic investment	154.695	152.188	151.601	154.715	154.250	155.724	158.006
27	Fixed investment	137.373	138.395	138.627	139.229	141.960	143.085	143.624
28	Nonresidential	136.126	135.323	136.154	136.207	138.581	140.843	142.197
29	Structures	106.212	101.864	103.739	103.173	106.806	108.617	107.189
30	Equipment	168.324	162.618	161.944	162.649	164.423	167.930	171.427
31	Information processing equipment	134.303	136.758	137.999	138.985	141.701	145.325	149.818
32	Computers and peripheral equipment	113.423	109.383	109.689	108.822	109.766	120.226	129.800
33	Other	142.890	148.128	149.770	151.547	155.017	155.672	157.948
34	Industrial equipment	136.319	139.483	140.005	141.907	144.573	148.640	150.642
35	Transportation equipment	424.463	393.344	387.239	383.781	381.116	382.052	388.434
36	Other equipment	145.201	131.003	128.997	130.029	131.792	135.988	138.661
37	Intellectual property products	123.034	130.765	132.331	132.205	134.064	135.283	136.711
38	Software ⁴	131.108	140.362	142.121	142.857	144.535	146.921	149.316
39	Research and development ⁵	115.377	122.929	124.533	123.212	125.560	125.932	126.661
40	Entertainment, literary, and artistic originals	120.852	123.402	124.067	125.362	125.961	126.105	126.653
41	Residential	141.987	149.766	147.805	150.358	154.371	151.463	149.131
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	133.967	133.527	135.115	133.799	136.187	137.374	138.163
47	Goods	135.491	135.900	137.753	136.558	140.105	140.869	141.356
48	Services	130.731	128.736	129.835	128.305	128.617	130.551	131.875
49	Imports	134.751	136.463	136.275	138.942	140.407	140.924	140.641
50	Goods	138.411	139.595	139.057	142.157	143.794	144.268	144.084
51	Services	119.441	123.202	124.354	125.325	126.110	126.794	126.127

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

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	93.184	93.884	93.877	93.917	93.770	93.724	93.696
53	Federal	91.493	91.536	91.694	91.583	91.024	91.461	91.722
54	National defense	85.244	84.613	84.941	84.246	83.545	84.514	84.990
55	Consumption expenditures	87.596	86.686	87.222	86.136	84.702	84.830	85.457
56	Gross investment	76.846	77.227	76.796	77.526	79.500	83.559	83.482
57	Nondefense	102.841	104.089	103.946	104.875	104.569	104.063	103.942
58	Consumption expenditures	103.053	104.079	103.842	104.662	103.761	103.078	103.697
59	Gross investment	102.155	104.082	104.226	105.491	107.027	107.074	104.641
60	State and local	94.196	95.310	95.199	95.334	95.445	95.097	94.887
61	Consumption expenditures	96.388	98.004	98.310	98.348	98.458	98.704	98.908
62	Gross investment	84.856	83.851	81.975	82.522	82.637	79.766	77.802

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
2	Personal consumption expenditures	109.481	110.789	111.034	111.583	112.198	112.273	112.693
3	Goods	102.695	101.209	101.067	101.392	102.062	101.127	101.296
4	Durable goods	90.430	88.460	88.085	87.376	87.587	86.793	86.233
5	Motor vehicles and parts	110.827	109.656	109.375	109.052	109.410	108.564	107.921
6	Furnishings and durable household equipment	86.771	84.515	84.045	83.406	83.673	82.593	81.650
7	Recreational goods and vehicles	70.368	66.789	66.317	64.980	64.785	64.052	63.988
8	Other durable goods	99.606	100.842	100.733	100.870	101.767	101.544	100.546
9	Nondurable goods	108.961	107.800	107.802	108.788	109.746	108.735	109.380
10	Food and beverages purchased for off-premises consumption	110.950	109.927	109.597	109.251	109.344	109.899	109.966
11	Clothing and footwear	104.253	103.949	103.940	103.577	104.762	103.238	103.376
12	Gasoline and other energy goods	106.829	94.704	93.764	102.821	108.757	99.734	103.643
13	Other nondurable goods	108.409	109.951	110.468	110.774	110.984	111.076	111.485
14	Services	113.065	115.878	116.332	117.002	117.585	118.213	118.770
15	Household consumption expenditures (for services)	113.208	115.983	116.439	117.084	117.621	118.240	118.805
16	Housing and utilities	111.838	115.123	115.612	116.710	117.663	118.575	119.433
17	Health care	109.728	111.011	111.284	111.639	112.002	112.402	112.675
18	Transportation services	109.909	111.161	111.203	111.482	112.394	112.997	113.016
19	Recreation services	111.214	113.926	114.436	114.800	116.147	116.397	117.447
20	Food services and accommodations	115.011	117.975	118.247	118.997	119.663	120.248	120.447
21	Financial services and insurance	127.896	135.140	136.484	137.632	137.622	139.565	140.541
22	Other services	112.018	113.720	114.062	114.162	114.023	113.697	114.183
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	109.702	113.388	113.807	115.045	116.676	117.513	117.887
24	Gross output of nonprofit institutions ²	112.524	114.814	115.197	115.891	116.658	117.282	117.714
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	113.486	115.299	115.670	116.175	116.645	117.194	117.647
26	Gross private domestic investment	106.477	106.978	107.104	107.569	108.014	108.697	109.288
27	Fixed investment	107.148	107.801	107.956	108.385	108.808	109.485	110.082
28	Nonresidential	105.069	104.790	104.726	104.893	105.292	105.780	106.135
29	Structures	115.484	115.637	115.629	116.295	117.183	118.292	119.633
30	Equipment	99.761	99.634	99.763	99.651	99.832	100.032	100.084
31	Information processing equipment	88.046	86.778	86.808	86.284	85.657	85.799	85.864
32	Computers and peripheral equipment	88.485	87.100	87.133	86.320	86.344	86.740	86.690
33	Other	88.114	86.882	86.912	86.477	85.649	85.711	85.816
34	Industrial equipment	106.522	106.078	106.144	106.134	106.562	106.945	107.178
35	Transportation equipment	102.018	103.284	103.651	103.856	105.055	105.142	104.861
36	Other equipment	105.111	105.258	105.296	105.373	105.366	105.610	105.853
37	Intellectual property products	105.753	104.966	104.590	104.844	105.248	105.754	105.928
38	Software ⁴	98.770	97.884	97.573	97.889	97.871	98.220	98.000
39	Research and development ⁵	115.231	113.952	113.451	113.691	114.566	115.186	115.734
40	Entertainment, literary, and artistic originals	101.411	102.766	102.546	102.558	103.213	104.018	104.701
41	Residential	115.883	120.157	121.144	122.580	123.102	124.503	126.046
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	106.481	104.458	104.813	105.516	106.168	106.136	107.026
47	Goods	103.746	99.900	100.399	100.877	101.526	101.370	102.496
48	Services	112.365	114.228	114.282	115.475	116.130	116.373	116.743
49	Imports	104.364	101.090	101.439	101.835	103.381	103.134	103.244
50	Goods	104.060	100.193	100.630	101.085	102.904	102.448	102.301
51	Services	106.220	105.686	105.633	105.762	106.055	106.772	108.066

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

[Index numbers, 2009= 100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	111.825	112.676	112.919	113.291	114.624	115.088	115.793
53	Federal	109.866	110.488	110.571	110.782	112.266	112.763	113.141
54	National defense	108.872	109.285	109.368	109.562	110.882	111.280	111.449
55	Consumption expenditures	109.493	110.071	110.171	110.404	111.966	112.388	112.585
56	Gross investment	106.606	106.369	106.378	106.419	106.824	107.132	107.202
57	Nondefense	111.511	112.448	112.532	112.768	114.494	115.139	115.830
58	Consumption expenditures	112.603	113.755	113.877	114.118	116.200	116.903	117.621
59	Gross investment	108.340	108.646	108.619	108.841	109.541	110.020	110.634
60	State and local	113.168	114.164	114.506	114.979	116.220	116.664	117.574
61	Consumption expenditures	113.543	114.565	114.940	115.422	116.719	117.125	117.991
62	Gross investment	111.708	112.579	112.764	113.194	114.163	114.800	115.943

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Personal consumption expenditures	12,332.3	12,820.7	12,899.4	13,056.9	13,191.6	13,307.0	13,434.7
3	Goods	4,033.2	4,121.4	4,134.4	4,195.9	4,230.8	4,247.2	4,298.3
4	Durable goods	1,367.1	1,411.0	1,420.2	1,440.2	1,443.2	1,456.6	1,476.3
5	Motor vehicles and parts	472.2	480.8	486.3	500.0	489.1	486.3	500.3
6	Furnishings and durable household equipment	311.5	325.2	326.3	328.2	332.9	335.9	338.1
7	Recreational goods and vehicles	372.4	385.5	386.9	389.2	397.9	405.8	405.2
8	Other durable goods	211.1	219.6	220.6	222.8	223.2	228.6	232.7
9	Nondurable goods	2,666.0	2,710.4	2,714.2	2,755.7	2,787.6	2,790.6	2,822.1
10	Food and beverages purchased for off-premises consumption	899.0	915.1	915.4	922.3	925.8	930.8	938.9
11	Clothing and footwear	385.5	393.7	395.3	395.3	396.0	399.5	399.6
12	Gasoline and other energy goods	305.1	273.7	269.5	294.0	306.3	286.5	294.1
13	Other nondurable goods	1,076.5	1,128.0	1,134.0	1,144.1	1,159.6	1,173.7	1,189.5
14	Services	8,299.1	8,699.3	8,765.0	8,861.0	8,960.7	9,059.8	9,136.4
15	Household consumption expenditures (for services)	7,969.7	8,340.4	8,400.8	8,493.5	8,584.9	8,683.1	8,756.9
16	Housing and utilities	2,235.4	2,331.5	2,352.9	2,369.9	2,387.2	2,425.8	2,444.4
17	Health care	2,061.2	2,163.7	2,171.9	2,208.0	2,226.6	2,241.9	2,255.9
18	Transportation services	374.2	392.5	394.6	398.4	403.6	406.1	408.4
19	Recreation services	471.0	492.6	496.6	501.5	512.9	515.7	525.1
20	Food services and accommodations	808.2	849.2	854.9	860.4	870.9	873.8	881.3
21	Financial services and insurance	947.2	984.7	995.4	1,007.1	1,025.9	1,047.1	1,061.7
22	Other services	1,072.4	1,126.1	1,134.4	1,148.1	1,157.8	1,172.7	1,180.0
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	329.4	358.9	364.2	367.5	375.8	376.7	379.5
24	Gross output of nonprofit institutions ²	1,339.2	1,411.3	1,420.5	1,446.1	1,461.5	1,458.3	1,466.0
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	1,009.7	1,052.5	1,056.3	1,078.6	1,085.7	1,081.6	1,086.6
26	Gross private domestic investment	3,093.6	3,057.2	3,048.0	3,126.2	3,128.7	3,178.1	3,241.0
27	Fixed investment	2,981.6	3,022.1	3,031.5	3,056.7	3,128.9	3,173.3	3,202.6
28	Nonresidential	2,336.2	2,316.3	2,329.1	2,333.7	2,383.4	2,433.6	2,465.2
29	Structures	537.5	516.2	525.6	525.8	548.4	563.0	561.9
30	Equipment	1,081.9	1,043.9	1,040.9	1,044.3	1,057.6	1,082.3	1,105.4
31	Information processing equipment	302.8	303.9	306.8	307.1	310.8	319.3	329.4
32	Computers and peripheral equipment	77.1	73.1	73.4	72.1	72.8	80.1	86.4
33	Other	225.8	230.8	233.4	235.0	238.1	239.2	243.0
34	Industrial equipment	220.8	225.0	226.0	229.0	234.3	241.7	245.5
35	Transportation equipment	305.6	286.7	283.3	281.3	282.6	283.5	287.5
36	Other equipment	252.7	228.3	224.9	226.9	229.9	237.8	243.0
37	Intellectual property products	716.8	756.2	762.5	763.7	777.4	788.2	797.9
38	Software ⁴	332.5	352.8	356.1	359.1	363.2	370.6	375.8
39	Research and development ⁵	304.5	320.8	323.6	320.8	329.5	332.2	335.7
40	Entertainment, literary, and artistic originals	79.8	82.6	82.9	83.7	84.7	85.4	86.4
41	Residential	645.4	705.9	702.4	723.0	745.5	739.7	737.4
42	Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
43	Farm	0.5	-0.6	0.6	-3.5	2.5	0.3	3.9
44	Nonfarm	111.5	35.7	15.9	73.0	-2.7	4.6	34.5
45	Net exports of goods and services	-524.0	-521.2	-492.8	-564.3	-582.8	-567.2	-531.7
46	Exports	2,264.9	2,214.6	2,248.4	2,241.5	2,295.6	2,314.9	2,347.7
47	Goods	1,497.2	1,446.0	1,473.0	1,467.2	1,515.0	1,520.9	1,543.1
48	Services	767.7	768.5	775.5	774.3	780.6	794.0	804.6
49	Imports	2,789.0	2,735.8	2,741.3	2,805.8	2,878.4	2,882.1	2,879.4
50	Goods	2,290.5	2,224.2	2,225.2	2,285.1	2,353.0	2,350.3	2,343.9
51	Services	498.5	511.6	516.1	520.7	525.5	531.9	535.5

Table 1.5.5. Gross Domestic Product, Expanded Detail

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	3,218.9	3,267.8	3,274.6	3,286.8	3,320.2	3,332.1	3,351.5
53	Federal	1,224.0	1,231.5	1,234.6	1,235.4	1,244.3	1,255.8	1,263.7
54	National defense	731.6	728.9	732.3	727.6	730.2	741.4	746.7
55	Consumption expenditures	588.2	585.2	589.3	583.2	581.6	584.7	590.1
56	Gross investment	143.4	143.7	143.0	144.4	148.6	156.6	156.6
57	Nondefense	492.4	502.6	502.3	507.8	514.1	514.5	517.0
58	Consumption expenditures	371.8	379.4	378.9	382.7	386.3	386.1	390.8
59	Gross investment	120.6	123.3	123.4	125.1	127.8	128.4	126.2
60	State and local	1,994.9	2,036.3	2,040.0	2,051.4	2,075.9	2,076.2	2,087.8
61	Consumption expenditures	1,650.8	1,693.6	1,704.4	1,712.2	1,733.4	1,743.7	1,760.3
62	Gross investment	344.1	342.7	335.6	339.2	342.5	332.5	327.5

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Personal consumption expenditures	11,264.3	11,572.1	11,618.1	11,702.1	11,758.0	11,853.0	11,922.1
3	Goods	3,927.3	4,072.2	4,090.8	4,138.4	4,145.4	4,199.9	4,243.4
4	Durable goods	1,511.8	1,595.1	1,611.9	1,647.9	1,647.3	1,677.8	1,711.5
5	Motor vehicles and parts	426.0	438.5	444.5	458.4	447.0	447.9	463.5
6	Furnishings and durable household equipment	359.0	384.7	388.2	393.4	397.8	406.6	413.9
7	Recreational goods and vehicles	529.2	577.2	583.1	598.6	613.8	633.1	632.8
8	Other durable goods	211.9	217.8	219.0	220.9	219.3	225.1	231.5
9	Nondurable goods	2,446.8	2,514.3	2,517.9	2,533.2	2,540.2	2,566.6	2,580.1
10	Food and beverages purchased for off-premises consumption	810.2	832.4	835.2	844.1	846.6	846.9	853.7
11	Clothing and footwear	369.7	378.7	380.3	381.6	378.0	387.0	386.5
12	Gasoline and other energy goods	285.6	289.0	287.3	285.8	281.5	287.1	283.6
13	Other nondurable goods	993.0	1,025.9	1,026.6	1,032.9	1,044.8	1,056.7	1,067.0
14	Services	7,340.1	7,507.3	7,534.9	7,573.8	7,621.0	7,664.4	7,692.9
15	Household consumption expenditures (for services)	7,039.8	7,191.1	7,215.2	7,254.6	7,299.2	7,344.1	7,371.3
16	Housing and utilities	1,998.8	2,025.2	2,035.3	2,030.7	2,028.9	2,045.9	2,046.8
17	Health care	1,878.5	1,949.1	1,951.7	1,977.9	1,988.1	1,994.6	2,002.2
18	Transportation services	340.5	353.1	354.9	357.4	359.1	359.4	361.4
19	Recreation services	423.5	432.4	434.0	436.9	441.6	443.1	447.1
20	Food services and accommodations	702.7	719.8	723.0	723.1	727.8	726.7	731.8
21	Financial services and insurance	740.6	728.7	729.3	731.8	745.5	750.3	755.5
22	Other services	957.3	990.2	994.6	1,005.7	1,015.5	1,031.4	1,033.5
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	300.3	316.5	320.0	319.5	322.1	320.6	321.9
24	Gross output of nonprofit institutions 2	1,190.1	1,229.2	1,233.2	1,247.9	1,252.9	1,243.5	1,245.5
25	Less: Receipts from sales of goods and services by nonprofit institutions 3	889.8	912.8	913.3	928.5	930.8	923.0	923.7
26	Gross private domestic investment	2,905.4	2,858.3	2,847.2	2,905.7	2,897.0	2,924.7	2,967.5
27	Fixed investment	2,782.7	2,803.4	2,808.2	2,820.3	2,875.7	2,898.5	2,909.4
28	Nonresidential	2,223.5	2,210.4	2,224.0	2,224.9	2,263.6	2,300.6	2,322.7
29	Structures	465.4	446.4	454.6	452.1	468.0	476.0	469.7
30	Equipment	1,084.5	1,047.8	1,043.4	1,048.0	1,059.4	1,082.0	1,104.5
31	Information processing equipment	343.9	350.2	353.4	355.9	362.9	372.2	383.7
32	Computers and peripheral equipment 4	87.1	84.0	84.2	83.6	84.3	92.3	99.7
33	Other	256.2	265.6	268.5	271.7	278.0	279.1	283.2
34	Industrial equipment	207.3	212.1	212.9	215.8	219.9	226.0	229.1
35	Transportation equipment	299.5	277.6	273.3	270.8	268.9	269.6	274.1
36	Other equipment	240.4	216.9	213.6	215.3	218.2	225.2	229.6
37	Intellectual property products	677.8	720.4	729.0	728.3	738.6	745.3	753.2
38	Software 5	336.7	360.4	364.9	366.8	371.1	377.3	383.4
39	Research and development 6	264.2	281.5	285.2	282.2	287.6	288.4	290.1
40	Entertainment, literary, and artistic originals	78.7	80.4	80.8	81.6	82.0	82.1	82.5
41	Residential	556.9	587.4	579.8	589.8	605.5	594.1	585.0
42	Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
43	Farm	0.2	-0.6	0.8	-2.9	2.7	1.2	4.1
44	Nonfarm	102.8	34.5	17.1	66.8	-1.8	4.2	31.7
45	Net exports of goods and services	-545.3	-586.3	-557.3	-631.1	-622.2	-613.6	-595.5
46	Exports	2,127.1	2,120.1	2,145.3	2,124.4	2,162.3	2,181.1	2,193.7
47	Goods	1,443.1	1,447.5	1,467.2	1,454.5	1,492.3	1,500.4	1,505.6
48	Services	683.2	672.8	678.5	670.6	672.2	682.3	689.2
49	Imports	2,672.4	2,706.3	2,702.6	2,755.5	2,784.5	2,794.8	2,789.2
50	Goods	2,201.1	2,220.0	2,211.4	2,260.7	2,286.7	2,294.3	2,291.4
51	Services	469.3	484.0	488.6	492.4	495.5	498.2	495.5

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	2,878.5	2,900.2	2,899.9	2,901.2	2,896.6	2,895.2	2,894.4
53	Federal	1,114.1	1,114.6	1,116.5	1,115.2	1,108.4	1,113.7	1,116.9
54	National defense	672.0	667.0	669.6	664.1	658.6	666.2	670.0
55	Consumption expenditures	537.2	531.6	534.9	528.3	519.5	520.3	524.1
56	Gross investment	134.5	135.1	134.4	135.7	139.1	146.2	146.1
57	Nondefense	441.6	447.0	446.4	450.3	449.0	446.9	446.3
58	Consumption expenditures	330.2	333.5	332.7	335.4	332.5	330.3	332.3
59	Gross investment	111.3	113.4	113.6	115.0	116.7	116.7	114.1
60	State and local	1,762.8	1,783.6	1,781.6	1,784.1	1,786.2	1,779.6	1,775.7
61	Consumption expenditures	1,453.9	1,478.2	1,482.9	1,483.4	1,485.1	1,488.8	1,491.9
62	Gross investment	308.1	304.4	297.6	299.6	300.0	289.6	282.5
63	Residual	-82.1	-101.9	-106.4	-110.1	-113.8	-129.1	-136.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic purchases	109.564	110.661	110.887	111.393	112.100	112.340	112.836
2	Personal consumption expenditures	109.481	110.789	111.034	111.583	112.198	112.273	112.693
3	Goods	102.695	101.209	101.067	101.392	102.062	101.127	101.296
4	Durable goods	90.430	88.460	88.085	87.376	87.587	86.793	86.233
5	Motor vehicles and parts	110.827	109.656	109.375	109.052	109.410	108.564	107.921
6	Furnishings and durable household equipment	86.771	84.515	84.045	83.406	83.673	82.593	81.650
7	Recreational goods and vehicles	70.368	66.789	66.317	64.980	64.785	64.052	63.988
8	Other durable goods	99.606	100.842	100.733	100.870	101.767	101.544	100.546
9	Nondurable goods	108.961	107.800	107.802	108.788	109.746	108.735	109.380
10	Food and beverages purchased for off-premises consumption	110.950	109.927	109.597	109.251	109.344	109.899	109.966
11	Clothing and footwear	104.253	103.949	103.940	103.577	104.762	103.238	103.376
12	Gasoline and other energy goods	106.829	94.704	93.764	102.821	108.757	99.734	103.643
13	Other nondurable goods	108.409	109.951	110.468	110.774	110.984	111.076	111.485
14	Services	113.065	115.878	116.332	117.002	117.585	118.213	118.770
15	Household consumption expenditures	113.208	115.983	116.439	117.084	117.621	118.240	118.805
16	Housing and utilities	111.838	115.123	115.612	116.710	117.663	118.575	119.433
17	Health care	109.728	111.011	111.284	111.639	112.002	112.402	112.675
18	Transportation services	109.909	111.161	111.203	111.482	112.394	112.997	113.016
19	Recreation services	111.214	113.926	114.436	114.800	116.147	116.397	117.447
20	Food services and accommodations	115.011	117.975	118.247	118.997	119.663	120.248	120.447
21	Financial services and insurance	127.896	135.140	136.484	137.632	137.622	139.565	140.541
22	Other services	112.018	113.720	114.062	114.162	114.023	113.697	114.183
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	109.702	113.388	113.807	115.045	116.676	117.513	117.887
24	Gross private domestic investment	106.477	106.978	107.104	107.569	108.014	108.697	109.288
25	Fixed investment	107.148	107.801	107.956	108.385	108.808	109.485	110.082
26	Nonresidential	105.069	104.790	104.726	104.893	105.292	105.780	106.135
27	Structures	115.484	115.637	115.629	116.295	117.183	118.292	119.633
28	Equipment	99.761	99.634	99.763	99.651	99.832	100.032	100.084
29	Information processing equipment	88.046	86.778	86.808	86.284	85.657	85.799	85.864
30	Computers and peripheral equipment	88.485	87.100	87.133	86.320	86.344	86.740	86.690
31	Other	88.114	86.882	86.912	86.477	85.649	85.711	85.816
32	Industrial equipment	106.522	106.078	106.144	106.134	106.562	106.945	107.178
33	Transportation equipment	102.018	103.284	103.651	103.856	105.055	105.142	104.861
34	Other equipment	105.111	105.258	105.296	105.373	105.366	105.610	105.853
35	Intellectual property products	105.753	104.966	104.590	104.844	105.248	105.754	105.928
36	Software ¹	98.770	97.884	97.573	97.889	97.871	98.220	98.000
37	Research and development	115.231	113.952	113.451	113.691	114.566	115.186	115.734
38	Entertainment, literary, and artistic originals	101.411	102.766	102.546	102.558	103.213	104.018	104.701
39	Residential	115.883	120.157	121.144	122.580	123.102	124.503	126.046
40	Change in private inventories	---	---	---	---	---	---	---
41	Farm	---	---	---	---	---	---	---
42	Nonfarm	---	---	---	---	---	---	---
43	Government consumption expenditures and gross investment	111.825	112.676	112.919	113.291	114.624	115.088	115.793
44	Federal	109.866	110.488	110.571	110.782	112.266	112.763	113.141
45	National defense	108.872	109.285	109.368	109.562	110.882	111.280	111.449
46	Consumption expenditures	109.493	110.071	110.171	110.404	111.966	112.388	112.585
47	Gross investment	106.606	106.369	106.378	106.419	106.824	107.132	107.202
48	Nondefense	111.511	112.448	112.532	112.768	114.494	115.139	115.830
49	Consumption expenditures	112.603	113.755	113.877	114.118	116.200	116.903	117.621
50	Gross investment	108.340	108.646	108.619	108.841	109.541	110.020	110.634
51	State and local	113.168	114.164	114.506	114.979	116.220	116.664	117.574

Table 1.6.4. Price Indexes for Gross Domestic Purchases

[Index numbers, 2009= 100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Consumption expenditures	113.543	114.565	114.940	115.422	116.719	117.125	117.991
53	Gross investment	111.708	112.579	112.764	113.194	114.163	114.800	115.943
	Addenda:							
54	Final sales of computers to domestic purchasers ²	75.401	72.320	72.062	71.409	71.097	70.603	70.787
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	109.912	111.057	111.288	111.808	112.526	112.775	113.275
56	Food ³	110.328	109.185	108.812	108.454	108.545	109.103	109.173
57	Energy goods and services	104.695	96.936	96.557	102.262	106.111	101.600	103.696
58	Gross domestic purchases excluding food and energy	109.614	111.124	111.400	111.783	112.422	112.789	113.259
59	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
60	Gross domestic product excluding final sales of computers	110.275	111.728	111.955	112.516	113.091	113.388	114.001
61	Food ³	108.609	106.950	106.411	105.661	106.263	106.440	106.438
62	Energy goods and services	96.237	92.985	92.086	98.062	94.956	94.290	100.834
63	Gross domestic product excluding food and energy	110.443	112.166	112.463	112.921	113.589	113.909	114.376
64	Final sales of domestic product	110.116	111.554	111.781	112.324	112.883	113.166	113.776
65	Final sales to domestic purchasers	109.659	110.785	111.015	111.515	112.219	112.458	112.954
66	Implicit price deflator for gross domestic purchases	109.564	110.659	110.874	111.392	112.094	112.331	112.820

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic purchases	0.4	1.0	1.5	1.8	2.6	0.9	1.8
2	Personal consumption expenditures	0.3	1.2	1.7	2.0	2.2	0.3	1.5
3	Goods	-2.9	-1.4	-0.6	1.3	2.7	-3.6	0.7
4	Durable goods	-2.1	-2.2	-3.5	-3.2	1.0	-3.6	-2.6
5	Motor vehicles and parts	0.0	-1.1	-1.5	-1.2	1.3	-3.1	-2.3
6	Furnishings and durable household equipment	-2.3	-2.6	-4.1	-3.0	1.3	-5.1	-4.5
7	Recreational goods and vehicles	-4.3	-5.1	-5.9	-7.8	-1.2	-4.4	-0.4
8	Other durable goods	-2.5	1.2	-2.6	0.5	3.6	-0.9	-3.9
9	Nondurable goods	-3.3	-1.1	1.0	3.7	3.6	-3.6	2.4
10	Food and beverages purchased for off-premises consumption	1.1	-0.9	-2.1	-1.3	0.3	2.0	0.2
11	Clothing and footwear	-1.3	-0.3	-0.4	-1.4	4.7	-5.7	0.5
12	Gasoline and other energy goods	-26.6	-11.3	1.1	44.6	25.2	-29.3	16.6
13	Other nondurable goods	1.3	1.4	3.9	1.1	0.8	0.3	1.5
14	Services	1.9	2.5	2.9	2.3	2.0	2.2	1.9
15	Household consumption expenditures	1.8	2.5	2.8	2.2	1.8	2.1	1.9
16	Housing and utilities	2.5	2.9	3.7	3.9	3.3	3.1	2.9
17	Health care	0.6	1.2	1.8	1.3	1.3	1.4	1.0
18	Transportation services	0.4	1.1	0.1	1.0	3.3	2.2	0.1
19	Recreation services	1.6	2.4	2.3	1.3	4.8	0.9	3.7
20	Food services and accommodations	2.8	2.6	2.1	2.6	2.3	2.0	0.7
21	Financial services and insurance	3.5	5.7	6.1	3.4	0.0	5.8	2.8
22	Other services	1.2	1.5	1.9	0.4	-0.5	-1.1	1.7
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	4.1	3.4	3.6	4.4	5.8	2.9	1.3
24	Gross private domestic investment	0.8	0.5	1.0	1.7	1.7	2.6	2.2
25	Fixed investment	1.1	0.6	1.2	1.6	1.6	2.5	2.2
26	Nonresidential	0.6	-0.3	-0.3	0.6	1.5	1.9	1.3
27	Structures	1.8	0.1	-0.3	2.3	3.1	3.8	4.6
28	Equipment	-0.1	-0.1	0.9	-0.4	0.7	0.8	0.2
29	Information processing equipment	-3.1	-1.4	-0.9	-2.4	-2.9	0.7	0.3
30	Computers and peripheral equipment	-0.8	-1.6	-1.7	-3.7	0.1	1.8	-0.2
31	Other	-3.9	-1.4	-0.6	-2.0	-3.8	0.3	0.5
32	Industrial equipment	-0.3	-0.4	0.6	0.0	1.6	1.4	0.9
33	Transportation equipment	1.7	1.2	2.8	0.8	4.7	0.3	-1.1
34	Other equipment	1.6	0.1	1.0	0.3	0.0	0.9	0.9
35	Intellectual property products	0.9	-0.7	-1.9	1.0	1.6	1.9	0.7
36	Software ¹	-0.7	-0.9	-1.1	1.3	-0.1	1.4	-0.9
37	Research and development	2.7	-1.1	-2.2	0.8	3.1	2.2	1.9
38	Entertainment, literary, and artistic originals	1.1	1.3	-3.7	0.0	2.6	3.2	2.7
39	Residential	2.7	3.7	6.4	4.8	1.7	4.6	5.1
40	Change in private inventories	---	---	---	---	---	---	---
41	Farm	---	---	---	---	---	---	---
42	Nonfarm	---	---	---	---	---	---	---
43	Government consumption expenditures and gross investment	0.6	0.8	1.1	1.3	4.8	1.6	2.5
44	Federal	0.6	0.6	0.5	0.8	5.5	1.8	1.3
45	National defense	0.3	0.4	0.5	0.7	4.9	1.4	0.6
46	Consumption expenditures	0.3	0.5	0.6	0.8	5.8	1.5	0.7
47	Gross investment	0.3	-0.2	0.0	0.2	1.5	1.2	0.3
48	Nondefense	1.0	0.8	0.5	0.8	6.3	2.3	2.4
49	Consumption expenditures	1.2	1.0	0.7	0.8	7.5	2.4	2.5
50	Gross investment	0.4	0.3	-0.1	0.8	2.6	1.8	2.3
51	State and local	0.6	0.9	1.5	1.7	4.4	1.5	3.2

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Consumption expenditures	0.5	0.9	1.7	1.7	4.6	1.4	3.0
53	Gross investment	0.9	0.8	0.4	1.5	3.5	2.3	4.0
	Addenda:							
54	Final sales of computers to domestic purchasers ²	-4.1	-4.1	-3.1	-3.6	-1.7	-2.8	1.0
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	0.5	1.0	1.5	1.9	2.6	0.9	1.8
56	Food ³	1.0	-1.0	-2.4	-1.3	0.3	2.1	0.3
57	Energy goods and services	-18.2	-7.4	2.5	25.8	15.9	-16.0	8.5
58	Gross domestic purchases excluding food and energy	1.1	1.4	1.7	1.4	2.3	1.3	1.7
59	Gross domestic product	1.1	1.3	1.4	2.0	2.0	1.0	2.2
60	Gross domestic product excluding final sales of computers	1.1	1.3	1.4	2.0	2.1	1.1	2.2
61	Food ³	-0.7	-1.5	-5.1	-2.8	2.3	0.7	0.0
62	Energy goods and services	-3.0	-3.4	-3.9	28.6	-12.1	-2.8	30.8
63	Gross domestic product excluding food and energy	1.3	1.6	1.9	1.6	2.4	1.1	1.7
64	Final sales of domestic product	1.1	1.3	1.4	2.0	2.0	1.0	2.2
65	Final sales to domestic purchasers	0.5	1.0	1.6	1.8	2.5	0.9	1.8
66	Final sales to private domestic purchasers	0.4	1.1	1.6	1.9	2.1	0.7	1.6
67	Implicit price deflator for gross domestic purchases ⁴	0.4	1.0	1.5	1.9	2.5	0.8	1.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Gross domestic purchases	0.4	1.0	1.5	1.8	2.6	0.9	1.8
	Percentage points at annual rates:							
2	Personal consumption expenditures	0.20	0.79	1.17	1.34	1.50	0.18	1.01
3	Goods	-0.65	-0.32	-0.13	0.28	0.57	-0.79	0.15
4	Durable goods	-0.16	-0.16	-0.26	-0.24	0.07	-0.27	-0.19
5	Motor vehicles and parts	0.00	-0.03	-0.04	-0.03	0.03	-0.08	-0.06
6	Furnishings and durable household equipment	-0.04	-0.04	-0.07	-0.05	0.02	-0.09	-0.08
7	Recreational goods and vehicles	-0.09	-0.11	-0.12	-0.16	-0.02	-0.09	-0.01
8	Other durable goods	-0.03	0.01	-0.03	0.01	0.04	-0.01	-0.05
9	Nondurable goods	-0.49	-0.15	0.14	0.52	0.50	-0.52	0.34
10	Food and beverages purchased for off-premises consumption	0.05	-0.04	-0.10	-0.06	0.02	0.10	0.01
11	Clothing and footwear	-0.03	-0.01	-0.01	-0.03	0.09	-0.12	0.01
12	Gasoline and other energy goods	-0.59	-0.19	0.02	0.54	0.35	-0.52	0.23
13	Other nondurable goods	0.08	0.08	0.23	0.07	0.05	0.02	0.09
14	Services	0.85	1.11	1.30	1.06	0.92	0.97	0.87
15	Household consumption expenditures	0.77	1.05	1.23	0.97	0.81	0.92	0.84
16	Housing and utilities	0.30	0.35	0.45	0.46	0.40	0.38	0.35
17	Health care	0.06	0.13	0.21	0.14	0.15	0.16	0.11
18	Transportation services	0.01	0.02	0.00	0.02	0.07	0.04	0.00
19	Recreation services	0.04	0.06	0.06	0.03	0.12	0.02	0.09
20	Food services and accommodations	0.12	0.11	0.09	0.11	0.10	0.09	0.03
21	Financial services and insurance	0.18	0.28	0.31	0.18	0.00	0.30	0.15
22	Other services	0.07	0.09	0.11	0.02	-0.03	-0.07	0.10
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	0.07	0.06	0.07	0.08	0.11	0.05	0.02
24	Gross private domestic investment	0.13	0.08	0.16	0.28	0.27	0.40	0.35
25	Fixed investment	0.17	0.10	0.20	0.25	0.25	0.40	0.35
26	Nonresidential	0.08	-0.03	-0.03	0.08	0.19	0.23	0.17
27	Structures	0.05	0.00	-0.01	0.06	0.08	0.11	0.13
28	Equipment	-0.01	-0.01	0.05	-0.02	0.04	0.04	0.01
29	Information processing equipment	-0.05	-0.02	-0.01	-0.04	-0.05	0.01	0.01
30	Computers and peripheral equipment	0.00	-0.01	-0.01	-0.01	0.00	0.01	0.00
31	Other	-0.05	-0.02	-0.01	-0.02	-0.05	0.00	0.01
32	Industrial equipment	0.00	0.00	0.01	0.00	0.02	0.02	0.01
33	Transportation equipment	0.03	0.02	0.04	0.01	0.07	0.00	-0.02
34	Other equipment	0.02	0.00	0.01	0.00	0.00	0.01	0.01
35	Intellectual property products	0.04	-0.03	-0.07	0.04	0.06	0.08	0.03
36	Software ¹	-0.01	-0.02	-0.02	0.02	0.00	0.03	-0.02
37	Research and development	0.04	-0.02	-0.04	0.01	0.05	0.04	0.03
38	Entertainment, literary, and artistic originals	0.00	0.01	-0.02	0.00	0.01	0.01	0.01
39	Residential	0.09	0.13	0.23	0.17	0.06	0.17	0.18
40	Change in private inventories	-0.04	-0.02	-0.04	0.02	0.02	0.01	0.00
41	Farm	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Nonfarm	-0.04	-0.02	-0.03	0.02	0.01	0.01	0.00
43	Government consumption expenditures and gross investment	0.10	0.13	0.19	0.22	0.80	0.27	0.41
44	Federal	0.04	0.04	0.03	0.05	0.34	0.11	0.09
45	National defense	0.01	0.01	0.02	0.03	0.18	0.05	0.02
46	Consumption expenditures	0.01	0.02	0.02	0.03	0.17	0.04	0.02
47	Gross investment	0.00	0.00	0.00	0.00	0.01	0.01	0.00
48	Nondefense	0.03	0.02	0.01	0.02	0.16	0.06	0.06
49	Consumption expenditures	0.02	0.02	0.01	0.02	0.14	0.05	0.05

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

Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
50	Gross investment	0.00	0.00	0.00	0.01	0.02	0.01	0.01
51	State and local	0.06	0.09	0.16	0.18	0.46	0.16	0.33
52	Consumption expenditures	0.04	0.08	0.15	0.15	0.40	0.12	0.26
53	Gross investment	0.02	0.01	0.01	0.03	0.06	0.04	0.07
	Addenda:							
54	Final sales of computers to domestic purchasers ²	-0.03	-0.03	-0.02	-0.03	-0.01	-0.02	0.01
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	0.46	1.03	1.54	1.87	2.57	0.88	1.77
56	Food ³	0.05	-0.05	-0.12	-0.06	0.02	0.10	0.01
57	Energy goods and services	-0.65	-0.22	0.06	0.62	0.40	-0.45	0.21
58	Gross domestic purchases excluding food and energy	1.02	1.27	1.57	1.28	2.14	1.21	1.55

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Plus: Income receipts from the rest of the world	-4.2	2.8	0.5	14.6	4.2	7.8	---
3	Less: Income payments to the rest of the world	-1.1	5.2	5.5	-5.8	14.4	18.2	---
4	Equals: Gross national product	2.7	1.4	2.6	2.6	0.9	2.8	---
5	Less: Consumption of fixed capital	2.5	2.4	2.0	1.8	1.8	1.8	1.9
6	Private	3.0	2.8	2.4	2.1	2.1	2.1	2.3
7	Government	0.3	0.4	0.4	0.4	0.2	0.6	0.4
8	General government	0.2	0.3	0.3	0.3	-0.2	0.8	0.3
9	Government enterprises	1.1	1.2	1.2	1.2	3.3	-0.9	1.1
10	Equals: Net national product	2.7	1.2	2.7	2.7	0.8	2.9	---
	Addenda:							
11	Gross domestic income (GDI) ¹	3.0	0.9	4.1	-1.7	2.7	2.9	---
12	Average of GDP and GDI ²	2.9	1.2	3.4	0.0	2.0	3.0	---
13	Gross national income ³	2.8	0.8	3.9	-0.8	2.4	2.6	---
14	Net domestic product	2.9	1.3	2.9	1.7	1.1	3.3	3.2
15	Net domestic income ⁴	3.0	0.6	4.5	-2.3	2.9	3.1	---
16	Net domestic purchases	3.7	1.5	2.4	3.6	0.8	2.9	2.6
17	Gross national product, current dollars	3.8	2.7	4.0	4.7	2.9	3.8	---
18	Gross domestic income, current dollars	4.1	2.1	5.5	0.3	4.7	3.9	---
19	Average of GDP and GDI, current dollars ⁵	4.0	2.5	4.9	2.1	4.0	4.0	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Plus: Income receipts from the rest of the world	104.589	107.481	107.795	111.526	112.673	114.819	---
3	Less: Income payments to the rest of the world	101.625	106.902	108.812	107.186	110.860	115.598	---
4	Equals: Gross national product	114.228	115.849	116.218	116.962	117.236	118.039	---
5	Less: Consumption of fixed capital	111.247	113.870	114.182	114.701	115.200	115.728	116.288
6	Private	112.124	115.252	115.622	116.236	116.839	117.453	118.118
7	Government	107.574	108.047	108.110	108.223	108.281	108.442	108.554
8	General government	107.208	107.569	107.618	107.703	107.641	107.861	107.943
9	Government enterprises	110.225	111.501	111.662	111.985	112.892	112.636	112.956
10	Equals: Net national product	114.802	116.234	116.614	117.400	117.631	118.486	---
	Addenda:							
11	Net domestic product	114.818	116.338	116.791	117.297	117.630	118.585	119.518
12	Net domestic purchases	115.553	117.342	117.565	118.605	118.856	119.720	120.494

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	110.012	111.419	111.641	112.190	112.752	113.037	113.646
2	Plus: Income receipts from the rest of the world	119.778	121.050	121.312	121.906	122.564	122.800	---
3	Less: Income payments to the rest of the world	120.248	121.600	121.856	122.406	123.522	123.789	---
4	Equals: Gross national product	110.109	111.511	111.734	112.285	112.834	113.118	---
5	Less: Consumption of fixed capital	107.849	108.151	108.262	108.594	109.451	110.211	110.875
6	Private	107.433	107.714	107.828	108.172	109.009	109.829	110.493
7	Government	109.591	109.996	110.088	110.367	111.313	111.794	112.453
8	General government	109.165	109.530	109.599	109.823	110.536	111.002	111.649
9	Government enterprises	112.742	113.429	113.694	114.370	116.970	117.561	118.306
10	Equals: Net national product	110.539	112.150	112.394	112.987	113.476	113.670	---
	Addenda:							
11	Net domestic product	110.430	112.048	112.291	112.882	113.388	113.582	114.180
12	Net domestic purchases	109.886	111.129	111.376	111.914	112.593	112.738	113.203

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Plus: Income receipts from the rest of the world	812.9	844.3	848.4	882.1	895.9	914.8	---
3	Less: Income payments to the rest of the world	608.4	647.2	660.1	653.1	681.7	712.4	---
4	Equals: Gross national product	18,325.2	18,821.6	18,917.5	19,134.5	19,272.0	19,452.4	---
5	Less: Consumption of fixed capital	2,841.5	2,916.7	2,927.6	2,950.0	2,986.2	3,020.7	3,053.6
6	Private	2,319.6	2,390.5	2,400.7	2,421.2	2,452.5	2,484.0	2,513.2
7	Domestic business	1,846.9	1,895.3	1,900.9	1,914.3	1,940.9	1,964.2	1,985.1
8	Capital consumption allowances	1,946.9	2,005.6	2,014.6	2,030.9	2,047.5	2,064.7	2,083.1
9	Less: Capital consumption adjustment	100.0	110.3	113.7	116.6	106.6	100.5	98.1
10	Households and institutions	472.7	495.3	499.8	506.9	511.6	519.8	528.1
11	Government	521.9	526.2	526.9	528.8	533.6	536.7	540.4
12	General government	456.7	459.8	460.3	461.6	464.3	467.2	470.3
13	Government enterprises	65.2	66.4	66.6	67.2	69.3	69.5	70.1
14	Equals: Net national product	15,483.7	15,904.8	15,989.9	16,184.5	16,285.8	16,431.7	---
15	Less: Statistical discrepancy	-255.9	-147.2	-195.2	-34.4	-102.4	-95.4	---
16	Equals: National income	15,739.6	16,052.0	16,185.1	16,218.9	16,388.2	16,527.1	---
	Less:							
17	Corporate profits with inventory valuation and capital consumption adjustments	2,117.5	2,073.5	2,101.2	2,155.2	2,109.0	2,123.4	---
18	Taxes on production and imports less subsidies ¹	1,198.5	1,226.2	1,233.5	1,242.5	1,248.2	1,261.2	1,274.7
19	Contributions for government social insurance, domestic	1,208.0	1,245.3	1,258.2	1,250.2	1,284.1	1,297.4	1,310.7
20	Net interest and miscellaneous payments on assets	583.4	570.6	573.7	566.5	588.2	598.3	602.2
21	Business current transfer payments (net)	165.0	164.0	151.2	176.6	176.5	164.6	154.9
22	Current surplus of government enterprises ¹	-14.3	-10.1	-10.1	-10.2	-11.0	-10.7	-10.6
23	Plus: Personal income receipts on assets	2,387.1	2,377.8	2,373.2	2,391.6	2,420.1	2,434.5	2,435.8
24	Plus: Personal current transfer receipts	2,684.4	2,768.4	2,777.4	2,795.9	2,831.9	2,836.9	2,852.0
25	Equals: Personal income	15,553.0	15,928.7	16,028.0	16,025.7	16,245.2	16,364.4	16,478.1
	Addenda:							
26	Gross domestic income (GDI)	18,376.6	18,771.6	18,924.4	18,939.9	19,160.1	19,345.4	---
27	Average of GDP and GDI ²	18,248.7	18,698.1	18,826.7	18,922.7	19,108.9	19,297.7	---
28	Gross national income	18,581.1	18,968.7	19,112.7	19,168.9	19,374.4	19,547.8	---
29	Gross national factor income ³	17,232.0	17,588.6	17,738.1	17,760.0	17,960.7	18,132.7	---
30	Net domestic product	15,279.2	15,707.8	15,801.5	15,955.6	16,071.5	16,229.3	16,441.9
31	Net domestic income	15,535.1	15,854.9	15,996.7	15,990.0	16,174.0	16,324.7	---
32	Net national factor income ⁴	14,390.4	14,671.9	14,810.5	14,810.1	14,974.5	15,112.1	---
33	Net domestic purchases	15,803.2	16,229.0	16,294.3	16,519.9	16,654.4	16,796.6	16,973.6
34	Statistical discrepancy as a percentage of GDP	-1.4	-0.8	-1.0	-0.2	-0.5	-0.5	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Plus: Income receipts from the rest of the world	678.7	697.4	699.5	723.7	731.1	745.1	---
3	Less: Income payments to the rest of the world	505.9	532.2	541.7	533.6	551.9	575.5	---
4	Equals: Gross national product	16,642.8	16,879.0	16,932.8	17,041.1	17,081.0	17,198.0	---
5	Less: Consumption of fixed capital	2,634.8	2,696.9	2,704.3	2,716.5	2,728.4	2,740.9	2,754.1
6	Private	2,159.1	2,219.4	2,226.5	2,238.3	2,249.9	2,261.7	2,274.6
7	Government	476.3	478.4	478.6	479.1	479.4	480.1	480.6
8	General government	418.4	419.8	420.0	420.3	420.1	420.9	421.3
9	Government enterprises	57.8	58.5	58.6	58.8	59.2	59.1	59.3
10	Equals: Net national product	14,007.4	14,182.2	14,228.6	14,324.4	14,352.7	14,457.0	---
	Addenda:							
11	Gross domestic income (GDI) ¹	16,704.1	16,848.2	16,953.0	16,882.1	16,994.1	17,115.5	---
12	Average of GDP and GDI ²	16,587.8	16,782.2	16,865.6	16,866.8	16,948.7	17,073.3	---
13	Gross national income ³	16,875.3	17,011.0	17,107.5	17,071.7	17,171.8	17,282.3	---
14	Net domestic product	13,836.0	14,019.2	14,073.7	14,134.7	14,174.8	14,289.9	14,402.3
15	Net domestic income ⁴	14,067.8	14,150.5	14,247.6	14,165.2	14,265.2	14,373.9	---
16	Net domestic purchases	14,381.5	14,604.1	14,631.9	14,761.3	14,792.5	14,900.1	14,996.4

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.237	115.934	116.363	116.872	117.231	118.118	118.991
2	Less: Exports of goods and services	133.967	133.527	135.115	133.799	136.187	137.374	138.163
3	Plus: Imports of goods and services	134.751	136.463	136.275	138.942	140.407	140.924	140.641
4	Equals: Gross domestic purchases	114.871	116.791	117.028	117.986	118.276	119.087	119.828
5	Plus: Exports of goods and services, command basis ¹	130.198	126.041	127.709	126.735	128.976	129.783	131.045
6	Less: Imports of goods and services, command basis ¹	128.355	124.660	124.656	127.010	129.476	129.365	128.675
7	Equals: Command-basis gross domestic product ^{1,2}	114.705	116.724	117.142	117.707	117.907	118.842	119.828
8	Plus: Income receipts from the rest of the world, command basis ¹	114.340	117.571	117.909	122.029	123.168	125.487	---
9	Less: Income payments to the rest of the world, command basis ¹	111.536	117.469	119.568	117.774	122.147	127.370	---
10	Equals: Command-basis gross national product ^{1,3}	114.797	116.736	117.093	117.898	117.996	118.846	---
	Addenda:							
11	Command-basis net domestic product ⁴	115.387	117.296	117.735	118.311	118.453	119.462	120.530
12	Net domestic product	114.818	116.338	116.791	117.297	117.630	118.585	119.518
13	Command-basis net national product ⁴	115.484	117.298	117.664	118.523	118.546	119.455	---
14	Net national product	114.802	116.234	116.614	117.400	117.631	118.486	---
	Percent change from preceding period (seasonally adjusted at annual rates):							
15	Real gross domestic product	2.9	1.5	2.8	1.8	1.2	3.1	3.0
16	Command-basis gross domestic product	3.5	1.8	2.6	1.9	0.7	3.2	3.4
17	Real gross national product	2.7	1.4	2.6	2.6	0.9	2.8	---
18	Command-basis gross national product	3.3	1.7	2.4	2.8	0.3	2.9	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Less: Exports of goods and services	2,127.1	2,120.1	2,145.3	2,124.4	2,162.3	2,181.1	2,193.7
3	Plus: Imports of goods and services	2,672.4	2,706.3	2,702.6	2,755.5	2,784.5	2,794.8	2,789.2
4	Equals: Gross domestic purchases	17,017.2	17,301.6	17,336.7	17,478.6	17,521.6	17,641.8	17,751.5
5	Plus: Exports of goods and services, command basis ¹	2,067.2	2,001.2	2,027.7	2,012.2	2,047.8	2,060.6	2,080.6
6	Less: Imports of goods and services, command basis ¹	2,545.5	2,472.2	2,472.1	2,518.8	2,567.7	2,565.5	2,551.9
7	Equals: Command-basis gross domestic product ^{1,2}	16,539.0	16,830.1	16,890.3	16,971.9	17,000.7	17,135.5	17,277.8
8	Plus: Income receipts from the rest of the world, command basis ¹	741.9	762.9	765.1	791.8	799.2	814.3	---
9	Less: Income payments to the rest of the world, command basis ¹	555.3	584.8	595.3	586.3	608.1	634.1	---
10	Equals: Command-basis gross national product ^{1,3}	16,725.6	17,008.2	17,060.2	17,177.4	17,191.8	17,315.6	---
	Addenda:							
11	Command-basis net domestic product ⁴	13,904.6	14,134.6	14,187.5	14,257.0	14,274.0	14,395.6	14,524.3
12	Net domestic product	13,836.0	14,019.2	14,073.7	14,134.7	14,174.8	14,289.9	14,402.3
13	Command-basis net national product ⁴	14,090.7	14,312.0	14,356.6	14,461.5	14,464.3	14,575.1	---
14	Net national product	14,007.4	14,182.2	14,228.6	14,324.4	14,352.7	14,457.0	---
	Trade indexes (seasonally adjusted):							
15	Trading gains index ⁵	100.409	100.684	100.680	100.715	100.582	100.621	100.719
16	Terms of trade index ⁶	102.029	103.332	103.326	103.615	102.696	102.911	103.664
17	Terms of trade, goods ⁷	99.699	99.707	99.770	99.794	98.661	98.948	100.191
18	Terms of trade, nonpetroleum goods ⁸	101.508	99.575	99.814	100.348	100.962	100.233	101.066

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic income	18,376.6	18,771.6	18,924.4	18,939.9	19,160.1	19,345.4	---
2	Compensation of employees, paid	9,720.0	9,992.2	10,095.1	10,029.0	10,179.8	10,285.4	10,387.2
3	Wages and salaries	7,870.6	8,098.8	8,191.8	8,121.9	8,245.5	8,335.7	8,422.6
4	To persons	7,852.3	8,078.7	8,171.5	8,101.3	8,225.5	8,315.0	---
5	To the rest of the world	18.3	20.1	20.3	20.6	20.0	20.6	---
6	Supplements to wages and salaries	1,849.4	1,893.4	1,903.4	1,907.1	1,934.2	1,949.7	1,964.6
7	Taxes on production and imports	1,255.8	1,288.0	1,296.6	1,304.1	1,309.2	1,321.3	1,336.4
8	Less: Subsidies ¹	57.3	61.8	63.0	61.6	61.0	60.1	61.6
9	Net operating surplus	4,616.6	4,636.5	4,668.1	4,718.5	4,746.0	4,778.1	---
10	Private enterprises	4,630.9	4,646.6	4,678.2	4,728.7	4,757.1	4,788.8	---
11	Net interest and miscellaneous payments, domestic industries	752.1	754.6	760.0	759.1	786.8	797.4	---
12	Business current transfer payments (net)	165.0	164.0	151.2	176.6	176.5	164.6	154.9
13	Proprietors' income with inventory valuation and capital consumption adjustments	1,318.8	1,341.9	1,346.1	1,354.6	1,380.2	1,378.6	1,381.8
14	Rental income of persons with capital consumption adjustment	662.5	707.3	708.1	718.9	730.8	740.3	745.9
15	Corporate profits with inventory valuation and capital consumption adjustments, domestic industries	1,732.5	1,678.7	1,712.9	1,719.6	1,682.7	1,707.9	---
16	Taxes on corporate income	507.4	471.0	487.2	469.5	466.3	479.6	---
17	Profits after tax with inventory valuation and capital consumption adjustments	1,225.1	1,207.7	1,225.7	1,250.1	1,216.4	1,228.3	---
18	Net dividends	898.6	822.2	803.3	824.2	818.4	856.2	---
19	Undistributed corporate profits with inventory valuation and capital consumption adjustments	326.4	385.5	422.3	425.9	397.9	372.1	---
20	Current surplus of government enterprises ¹	-14.3	-10.1	-10.1	-10.2	-11.0	-10.7	-10.6
21	Consumption of fixed capital	2,841.5	2,916.7	2,927.6	2,950.0	2,986.2	3,020.7	3,053.6
22	Private	2,319.6	2,390.5	2,400.7	2,421.2	2,452.5	2,484.0	2,513.2
23	Government	521.9	526.2	526.9	528.8	533.6	536.7	540.4
Addendum:								
24	Statistical discrepancy	-255.9	-147.2	-195.2	-34.4	-102.4	-95.4	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National income	15,739.6	16,052.0	16,185.1	16,218.9	16,388.2	16,527.1	---
2	Compensation of employees	9,708.3	9,978.6	10,081.4	10,014.9	10,166.3	10,271.4	10,373.2
3	Wages and salaries	7,858.9	8,085.2	8,178.1	8,107.8	8,232.1	8,321.7	8,408.6
4	Government	1,275.6	1,307.5	1,314.6	1,315.2	1,330.5	1,336.8	1,344.7
5	Other	6,583.3	6,777.8	6,863.4	6,792.7	6,901.6	6,984.9	7,063.9
6	Supplements to wages and salaries	1,849.4	1,893.4	1,903.4	1,907.1	1,934.2	1,949.7	1,964.6
7	Employer contributions for employee pension and insurance funds ¹	1,278.0	1,309.8	1,313.3	1,321.7	1,332.7	1,341.7	1,350.4
8	Employer contributions for government social insurance	571.4	583.6	590.1	585.4	601.6	608.0	614.3
9	Proprietors' income with IVA and CCAAdj	1,318.8	1,341.9	1,346.1	1,354.6	1,380.2	1,378.6	1,381.8
10	Farm	53.7	43.2	41.4	37.8	41.9	37.0	32.3
11	Nonfarm	1,265.1	1,298.7	1,304.6	1,316.7	1,338.4	1,341.6	1,349.5
12	Rental income of persons with CCAAdj	662.5	707.3	708.1	718.9	730.8	740.3	745.9
13	Corporate profits with IVA and CCAAdj	2,117.5	2,073.5	2,101.2	2,155.2	2,109.0	2,123.4	---
14	Taxes on corporate income	507.4	471.0	487.2	469.5	466.3	479.6	---
15	Profits after tax with IVA and CCAAdj	1,610.0	1,602.4	1,614.1	1,685.7	1,642.7	1,643.8	---
16	Net dividends	1,039.9	981.9	976.3	979.1	988.1	994.2	1,000.2
17	Undistributed profits with IVA and CCAAdj	570.1	620.6	637.7	706.6	654.6	649.6	---
18	Net interest and miscellaneous payments	583.4	570.6	573.7	566.5	588.2	598.3	602.2
19	Taxes on production and imports	1,255.8	1,288.0	1,296.6	1,304.1	1,309.2	1,321.3	1,336.4
20	Less: Subsidies ²	57.3	61.8	63.0	61.6	61.0	60.1	61.6
21	Business current transfer payments (net)	165.0	164.0	151.2	176.6	176.5	164.6	154.9
22	To persons (net)	53.1	57.4	57.8	58.0	58.4	59.2	59.9
23	To government (net)	112.4	105.9	92.4	113.8	116.8	93.0	93.5
24	To the rest of the world (net)	-0.6	0.7	0.9	4.8	1.3	12.4	1.6
25	Current surplus of government enterprises ²	-14.3	-10.1	-10.1	-10.2	-11.0	-10.7	-10.6
	Addenda for corporate cash flow:							
26	Net cash flow with IVA	2,098.4	2,179.3	2,206.8	2,269.1	2,229.1	2,269.9	---
27	Undistributed profits with IVA and CCAAdj	570.1	620.6	637.7	706.6	654.6	649.6	---
28	Consumption of fixed capital	1,525.1	1,563.2	1,567.4	1,577.9	1,599.7	1,618.8	1,635.3
29	Less: Capital transfers paid (net)	-3.2	4.4	-1.6	15.4	25.3	-1.5	---
	Addenda:							
30	Proprietors' income with IVA and CCAAdj	1,318.8	1,341.9	1,346.1	1,354.6	1,380.2	1,378.6	1,381.8
31	Farm	53.7	43.2	41.4	37.8	41.9	37.0	32.3
32	Proprietors' income with IVA	59.7	49.2	47.5	44.0	48.0	43.2	38.5
33	Capital consumption adjustment	-6.0	-6.1	-6.1	-6.2	-6.2	-6.1	-6.2
34	Nonfarm	1,265.1	1,298.7	1,304.6	1,316.7	1,338.4	1,341.6	1,349.5
35	Proprietors' income (without IVA and CCAAdj)	1,038.6	1,075.7	1,079.4	1,096.4	1,124.4	1,119.5	1,130.2
36	Inventory valuation adjustment	9.2	-0.3	0.6	-6.2	-11.2	-2.0	-3.9
37	Capital consumption adjustment	217.3	223.4	224.6	226.5	225.2	224.1	223.2
38	Rental income of persons with CCAAdj	662.5	707.3	708.1	718.9	730.8	740.3	745.9
39	Rental income of persons (without CCAAdj)	680.4	726.1	727.2	738.4	750.5	760.4	766.5
40	Capital consumption adjustment	-17.9	-18.8	-19.1	-19.6	-19.7	-20.0	-20.6
41	Corporate profits with IVA and CCAAdj	2,117.5	2,073.5	2,101.2	2,155.2	2,109.0	2,123.4	---
42	Corporate profits with IVA	2,210.9	2,161.6	2,187.0	2,239.4	2,201.8	2,220.8	---
43	Profits before tax (without IVA and CCAAdj)	2,158.5	2,158.9	2,179.6	2,256.8	2,276.8	2,254.3	---
44	Taxes on corporate income	507.4	471.0	487.2	469.5	466.3	479.6	---
45	Profits after tax (without IVA and CCAAdj)	1,651.1	1,687.9	1,692.4	1,787.4	1,810.5	1,774.7	---
46	Net dividends	1,039.9	981.9	976.3	979.1	988.1	994.2	1,000.2
47	Undistributed profits (without IVA and CCAAdj)	611.2	706.0	716.1	808.3	822.4	780.5	---
48	Inventory valuation adjustment	52.4	2.7	7.3	-17.5	-75.0	-33.6	---
49	Capital consumption adjustment	-93.5	-88.2	-85.7	-84.2	-92.8	-97.4	-98.4

Legend / Footnotes:

IVA Inventory valuation adjustment

CCAAdj 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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross value added of corporate business ¹	10,458.6	10,611.1	10,715.9	10,698.8	10,780.9	10,891.3	---
2	Consumption of fixed capital	1,525.1	1,563.2	1,567.4	1,577.9	1,599.7	1,618.8	1,635.3
3	Net value added	8,933.5	9,047.9	9,148.5	9,120.9	9,181.1	9,272.5	---
4	Compensation of employees	5,945.3	6,101.1	6,178.1	6,114.9	6,210.7	6,286.9	6,353.5
5	Wages and salaries	4,986.2	5,126.5	5,191.3	5,138.1	5,215.6	5,283.3	5,341.4
6	Supplements to wages and salaries	959.0	974.6	986.9	976.8	995.1	1,003.7	1,012.1
7	Taxes on production and imports less subsidies	835.5	857.5	862.8	868.2	860.3	868.4	877.9
8	Net operating surplus	2,152.8	2,089.4	2,107.5	2,137.9	2,110.2	2,117.2	---
9	Net interest and miscellaneous payments	287.4	274.4	270.8	268.6	278.5	283.4	---
10	Business current transfer payments (net)	132.9	136.3	123.9	149.8	149.0	126.0	126.7
11	Corporate profits with IVA and CCAAdj	1,732.5	1,678.7	1,712.9	1,719.6	1,682.7	1,707.9	---
12	Taxes on corporate income	507.4	471.0	487.2	469.5	466.3	479.6	---
13	Profits after tax with IVA and CCAAdj	1,225.1	1,207.7	1,225.7	1,250.1	1,216.4	1,228.3	---
14	Net dividends	898.6	822.2	803.3	824.2	818.4	856.2	---
15	Undistributed profits with IVA and CCAAdj	326.4	385.5	422.3	425.9	397.9	372.1	---
16	Gross value added of financial corporate business ¹	1,399.2	1,445.7	1,498.6	1,512.1	1,486.4	1,441.4	---
17	Gross value added of nonfinancial corporate business ¹	9,059.3	9,165.4	9,217.3	9,186.7	9,294.5	9,449.9	---
18	Consumption of fixed capital	1,336.1	1,364.9	1,367.7	1,375.6	1,399.5	1,416.1	1,430.8
19	Net value added	7,723.3	7,800.5	7,849.7	7,811.0	7,895.0	8,033.8	---
20	Compensation of employees	5,269.3	5,406.9	5,457.1	5,415.9	5,500.8	5,568.3	5,627.2
21	Wages and salaries	4,412.3	4,539.1	4,580.7	4,546.6	4,615.1	4,675.0	4,726.4
22	Supplements to wages and salaries	857.0	867.8	876.4	869.3	885.7	893.3	900.8
23	Taxes on production and imports less subsidies	764.6	783.0	788.0	792.8	795.8	803.1	811.7
24	Net operating surplus	1,689.4	1,610.6	1,604.6	1,602.3	1,598.4	1,662.4	---
25	Net interest and miscellaneous payments	308.9	300.9	299.4	298.6	309.7	315.0	---
26	Business current transfer payments (net)	104.6	85.6	81.4	100.4	81.5	81.2	81.9
27	Corporate profits with IVA and CCAAdj	1,275.8	1,224.1	1,223.8	1,203.4	1,207.2	1,266.3	---
28	Taxes on corporate income	281.1	274.1	277.5	283.5	277.5	294.1	---
29	Profits after tax with IVA and CCAAdj	994.7	950.0	946.3	919.9	929.7	972.2	---
30	Net dividends	651.8	685.2	680.6	705.9	696.2	728.7	---
31	Undistributed profits with IVA and CCAAdj	343.0	264.8	265.7	214.0	233.5	243.5	---
	Addenda:							
	Corporate business:							
32	Profits before tax (without IVA and CCAAdj)	1,773.6	1,764.2	1,791.3	1,821.2	1,850.5	1,838.8	---
33	Profits after tax (without IVA and CCAAdj)	1,266.2	1,293.2	1,304.1	1,351.8	1,384.2	1,359.2	---
34	Undistributed profits after tax (without IVA and CCAAdj)	367.5	470.9	500.7	527.5	565.7	503.0	---
35	Inventory valuation adjustment	52.4	2.7	7.3	-17.5	-75.0	-33.6	---
36	Capital consumption adjustment	-93.5	-88.2	-85.7	-84.2	-92.8	-97.4	-98.4
	Nonfinancial corporate business:							
37	Profits before tax (without IVA and CCAAdj)	1,275.7	1,262.4	1,254.4	1,256.4	1,326.8	1,348.9	---
38	Profits after tax (without IVA and CCAAdj)	994.6	988.2	976.9	973.0	1,049.3	1,054.8	---
39	Inventory valuation adjustment	52.4	2.7	7.3	-17.5	-75.0	-33.6	---
40	Capital consumption adjustment	-52.3	-41.0	-37.9	-35.6	-44.6	-49.0	-50.6
	Value added, in billions of chained (2009) dollars:							
41	Gross value added of nonfinancial corporate business ²	8,358.1	8,471.7	8,565.5	8,481.3	8,566.1	8,722.6	---
42	Consumption of fixed capital ³	1,255.8	1,292.5	1,296.9	1,304.1	1,313.3	1,323.0	1,333.5
43	Net value added ⁴	7,102.3	7,179.3	7,268.7	7,177.2	7,252.8	7,399.6	---

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.

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

CCAAdj 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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Price per unit of real gross value added of nonfinancial corporate business ¹	1.084	1.082	1.076	1.083	1.085	1.083	---
2	Compensation of employees (unit labor cost)	0.630	0.638	0.637	0.639	0.642	0.638	---
3	Unit nonlabor cost	0.301	0.299	0.296	0.303	0.302	0.300	---
4	Consumption of fixed capital	0.160	0.161	0.160	0.162	0.163	0.162	---
5	Taxes on production and imports less subsidies plus business current transfer payments (net)	0.104	0.103	0.101	0.105	0.102	0.101	---
6	Net interest and miscellaneous payments	0.037	0.036	0.035	0.035	0.036	0.036	---
7	Corporate profits with IVA and CCAj (unit profits from current production)	0.153	0.144	0.143	0.142	0.141	0.145	---
8	Taxes on corporate income	0.034	0.032	0.032	0.033	0.032	0.034	---
9	Profits after tax with IVA and CCAj	0.119	0.112	0.110	0.108	0.109	0.111	---

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

CCAj 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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Production in the United States:							
1	Gross domestic product (GDP)	2.9	1.5	2.8	1.8	1.2	3.1	3.0
2	Gross domestic income (GDI)	3.0	0.9	4.1	-1.7	2.7	2.9	---
3	Average of GDP and GDI ¹	2.9	1.2	3.4	0.0	2.0	3.0	---
4	Net domestic product ²	2.9	1.3	2.9	1.7	1.1	3.3	3.2
5	Net domestic income ²	3.0	0.6	4.5	-2.3	2.9	3.1	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	2.7	1.4	2.6	2.6	0.9	2.8	---
7	Gross national income	2.8	0.8	3.9	-0.8	2.4	2.6	---
8	Net national product ²	2.7	1.2	2.7	2.7	0.8	2.9	---
	Final expenditures by U.S. residents:							
9	Gross domestic purchases	3.5	1.7	2.4	3.3	1.0	2.8	2.5
10	Final sales to domestic purchasers ³	3.3	2.1	2.2	2.3	2.4	2.7	1.8
11	Final sales to private domestic purchasers ⁴	3.7	2.3	2.6	2.7	3.1	3.3	2.2
	Purchasing power of income: ⁵							
12	Command-basis gross domestic product	3.5	1.8	2.6	1.9	0.7	3.2	3.4
13	Command-basis net domestic product ²	3.7	1.7	2.8	2.0	0.5	3.5	3.6
14	Command-basis gross national product	3.3	1.7	2.4	2.8	0.3	2.9	---
15	Command-basis net national product ²	3.5	1.6	2.5	3.0	0.1	3.1	---
	After-tax income received by the personal sector:							
16	Disposable personal income	4.2	1.4	0.7	-1.8	2.9	3.3	0.6

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Production in the United States:							
1	Gross domestic product (GDP)	18,120.7	18,624.5	18,729.1	18,905.5	19,057.7	19,250.0	19,495.5
2	Gross domestic income (GDI)	18,376.6	18,771.6	18,924.4	18,939.9	19,160.1	19,345.4	---
3	Average of GDP and GDI ¹	18,248.7	18,698.1	18,826.7	18,922.7	19,108.9	19,297.7	---
4	Net domestic product ²	15,279.2	15,707.8	15,801.5	15,955.6	16,071.5	16,229.3	16,441.9
5	Net domestic income ²	15,535.1	15,854.9	15,996.7	15,990.0	16,174.0	16,324.7	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	18,325.2	18,821.6	18,917.5	19,134.5	19,272.0	19,452.4	---
7	Gross national income	18,581.1	18,968.7	19,112.7	19,168.9	19,374.4	19,547.8	---
8	Net national product ²	15,483.7	15,904.8	15,989.9	16,184.5	16,285.8	16,431.7	---
9	National income ³	15,739.6	16,052.0	16,185.1	16,218.9	16,388.2	16,527.1	---
	Final expenditures by U.S. residents:							
10	Gross domestic purchases	18,644.8	19,145.7	19,222.0	19,469.9	19,640.5	19,817.2	20,027.2
11	Final sales to domestic purchasers ⁴	18,532.8	19,110.6	19,205.5	19,400.4	19,640.7	19,812.4	19,988.8
12	Final sales to private domestic purchasers ⁵	15,313.9	15,842.8	15,930.9	16,113.6	16,320.4	16,480.3	16,637.3
	After-tax income received by the personal sector:							
13	Disposable personal income	13,615.0	13,968.6	14,044.3	14,048.5	14,226.4	14,351.5	14,425.1

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Production in the United States:							
1	Gross domestic product (GDP)	16,471.5	16,716.2	16,778.1	16,851.4	16,903.2	17,031.1	17,156.9
2	Gross domestic income (GDI)	16,704.1	16,848.2	16,953.0	16,882.1	16,994.1	17,115.5	---
3	Average of GDP and GDI ¹	16,587.8	16,782.2	16,865.6	16,866.8	16,948.7	17,073.3	---
4	Net domestic product ²	13,836.0	14,019.2	14,073.7	14,134.7	14,174.8	14,289.9	14,402.3
5	Net domestic income ²	14,067.8	14,150.5	14,247.6	14,165.2	14,265.2	14,373.9	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	16,642.8	16,879.0	16,932.8	17,041.1	17,081.0	17,198.0	---
7	Gross national income	16,875.3	17,011.0	17,107.5	17,071.7	17,171.8	17,282.3	---
8	Net national product ²	14,007.4	14,182.2	14,228.6	14,324.4	14,352.7	14,457.0	---
	Final expenditures by U.S. residents:							
9	Gross domestic purchases	17,017.2	17,301.6	17,336.7	17,478.6	17,521.6	17,641.8	17,751.5
10	Final sales to domestic purchasers ³	16,900.4	17,250.3	17,300.6	17,397.7	17,502.7	17,618.3	17,697.0
11	Final sales to private domestic purchasers ⁴	14,033.4	14,362.7	14,413.5	14,509.8	14,619.9	14,737.6	14,817.7
	Purchasing power of income: ⁵							
12	Command-basis gross domestic product	16,539.0	16,830.1	16,890.3	16,971.9	17,000.7	17,135.5	17,277.8
13	Command-basis net domestic product ²	13,904.6	14,134.6	14,187.5	14,257.0	14,274.0	14,395.6	14,524.3
14	Command-basis gross national product	16,725.6	17,008.2	17,060.2	17,177.4	17,191.8	17,315.6	---
15	Command-basis net national product ²	14,090.7	14,312.0	14,356.6	14,461.5	14,464.3	14,575.1	---
	After-tax income received by the personal sector:							
16	Disposable personal income	12,436.0	12,608.2	12,649.2	12,590.8	12,680.4	12,783.3	12,801.0

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal income	15,553.0	15,928.7	16,028.0	16,025.7	16,245.2	16,364.4	16,478.1
2	Compensation of employees	9,708.3	9,978.6	10,081.4	10,014.9	10,166.3	10,271.4	10,373.2
3	Wages and salaries	7,858.9	8,085.2	8,178.1	8,107.8	8,232.1	8,321.7	8,408.6
4	Private industries	6,583.3	6,777.8	6,863.4	6,792.7	6,901.6	6,984.9	7,063.9
5	Government	1,275.6	1,307.5	1,314.6	1,315.2	1,330.5	1,336.8	1,344.7
6	Supplements to wages and salaries	1,849.4	1,893.4	1,903.4	1,907.1	1,934.2	1,949.7	1,964.6
7	Employer contributions for employee pension and insurance funds ¹	1,278.0	1,309.8	1,313.3	1,321.7	1,332.7	1,341.7	1,350.4
8	Employer contributions for government social insurance	571.4	583.6	590.1	585.4	601.6	608.0	614.3
9	Proprietors' income with inventory valuation and capital consumption adjustments	1,318.8	1,341.9	1,346.1	1,354.6	1,380.2	1,378.6	1,381.8
10	Farm	53.7	43.2	41.4	37.8	41.9	37.0	32.3
11	Nonfarm	1,265.1	1,298.7	1,304.6	1,316.7	1,338.4	1,341.6	1,349.5
12	Rental income of persons with capital consumption adjustment	662.5	707.3	708.1	718.9	730.8	740.3	745.9
13	Personal income receipts on assets	2,387.1	2,377.8	2,373.2	2,391.6	2,420.1	2,434.5	2,435.8
14	Personal interest income	1,367.3	1,415.3	1,416.9	1,438.5	1,476.6	1,465.1	1,461.1
15	Personal dividend income	1,019.8	962.5	956.4	953.0	943.5	969.4	974.8
16	Personal current transfer receipts	2,684.4	2,768.4	2,777.4	2,795.9	2,831.9	2,836.9	2,852.0
17	Government social benefits to persons	2,631.2	2,711.0	2,719.7	2,737.9	2,773.4	2,777.8	2,792.1
18	Social security ²	871.8	896.5	899.7	906.0	916.1	922.8	930.0
19	Medicare ³	633.7	655.9	658.2	662.9	667.4	671.5	676.4
20	Medicaid	536.0	563.0	566.8	577.8	581.4	577.4	578.8
21	Unemployment insurance	32.2	31.7	31.6	30.7	30.2	28.6	28.5
22	Veterans' benefits	89.8	92.8	92.9	94.0	95.5	98.0	99.2
23	Other	467.8	471.1	470.4	466.5	482.8	479.4	479.2
24	Other current transfer receipts, from business (net)	53.1	57.4	57.8	58.0	58.4	59.2	59.9
25	Less: Contributions for government social insurance, domestic	1,208.0	1,245.3	1,258.2	1,250.2	1,284.1	1,297.4	1,310.7
26	Less: Personal current taxes	1,937.9	1,960.1	1,983.8	1,977.2	2,018.8	2,012.9	2,053.0
27	Equals: Disposable personal income	13,615.0	13,968.6	14,044.3	14,048.5	14,226.4	14,351.5	14,425.1
28	Less: Personal outlays	12,786.7	13,288.0	13,366.6	13,537.0	13,671.8	13,805.9	13,930.3
29	Personal consumption expenditures	12,332.3	12,820.7	12,899.4	13,056.9	13,191.6	13,307.0	13,434.7
30	Personal interest payments ⁴	268.7	278.4	279.3	284.4	287.4	300.7	299.5
31	Personal current transfer payments	185.7	189.0	187.9	195.6	192.9	198.2	196.1
32	To government	105.4	108.9	109.0	110.6	112.3	114.1	115.5
33	To the rest of the world (net)	80.2	80.1	78.9	85.0	80.6	84.1	80.6
34	Equals: Personal saving	828.4	680.6	677.7	511.5	554.6	545.6	494.8
35	Personal saving as a percentage of disposable personal income	6.1	4.9	4.8	3.6	3.9	3.8	3.4
	Addenda:							
36	Personal income excluding current transfer receipts, billions of chained (2009) dollars ⁵	11,754.2	11,878.7	11,934.4	11,857.1	11,955.7	12,049.3	12,092.0
	Disposable personal income:							
37	Total, billions of chained (2009) dollars ⁵	12,436.0	12,608.2	12,649.2	12,590.8	12,680.4	12,783.3	12,801.0
	Per capita:							
38	Current dollars	42,392	43,194	43,390	43,323	43,805	44,120	44,263
39	Chained (2009) dollars	38,720	38,988	39,080	38,828	39,045	39,299	39,280
40	Population (midperiod, thousands)	321,173	323,391	323,675	324,275	324,765	325,281	325,892
	Percent change from preceding period:							
41	Disposable personal income, current dollars	4.5	2.6	2.5	0.1	5.2	3.6	2.1
42	Disposable personal income, chained (2009) dollars	4.2	1.4	0.7	-1.8	2.9	3.3	0.6

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Wages and salaries	7,858.9	8,085.2	8,178.1	8,107.8	8,232.1	8,321.7	8,408.6
2	Private industries	6,583.3	6,777.8	6,863.4	6,792.7	6,901.6	6,984.9	7,063.9
3	Goods-producing industries	1,308.6	1,331.2	1,345.2	1,329.8	1,350.5	1,350.4	1,363.7
4	Manufacturing	806.8	814.4	824.8	811.7	824.5	829.0	834.8
5	Services-producing industries	5,274.6	5,446.5	5,518.3	5,462.9	5,551.1	5,634.5	5,700.2
6	Trade, transportation, and utilities	1,237.4	1,265.0	1,277.7	1,262.9	1,288.5	1,307.7	1,319.5
7	Other services-producing industries ¹	4,037.2	4,181.5	4,240.6	4,200.0	4,262.6	4,326.8	4,380.7
8	Government	1,275.6	1,307.5	1,314.6	1,315.2	1,330.5	1,336.8	1,344.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	3.6	2.7	2.8	2.9	1.9	3.3	2.4
2	Goods	4.6	3.7	3.2	4.7	0.7	5.4	4.2
3	Durable goods	7.7	5.5	9.4	9.2	-0.1	7.6	8.3
4	Motor vehicles and parts	6.9	2.9	15.0	13.1	-9.6	0.8	14.7
5	Furnishings and durable household equipment	8.4	7.2	5.9	5.4	4.6	9.1	7.4
6	Recreational goods and vehicles	8.9	9.1	8.1	11.1	10.6	13.1	-0.1
7	Other durable goods	6.7	2.8	5.0	3.5	-2.8	11.0	11.7
8	Nondurable goods	3.1	2.8	0.1	2.5	1.1	4.2	2.1
9	Food and beverages purchased for off-premises consumption	0.6	2.7	1.8	4.4	1.2	0.2	3.2
10	Clothing and footwear	3.8	2.4	1.5	1.4	-3.7	9.9	-0.5
11	Gasoline and other energy goods	4.6	1.2	-3.1	-2.0	-5.9	8.2	-4.8
12	Other nondurable goods	4.6	3.3	-1.0	2.5	4.7	4.6	3.9
13	Services	3.2	2.3	2.7	2.1	2.5	2.3	1.5
14	Household consumption expenditures (for services)	3.3	2.1	2.4	2.2	2.5	2.5	1.5
15	Housing and utilities	1.7	1.3	2.1	-0.9	-0.4	3.4	0.2
16	Health care	5.1	3.8	1.1	5.5	2.1	1.3	1.5
17	Transportation services	4.3	3.7	5.2	2.8	2.0	0.4	2.2
18	Recreation services	2.4	2.1	4.7	2.7	4.4	1.4	3.7
19	Food services and accommodations	4.3	2.4	1.6	0.0	2.6	-0.6	2.8
20	Financial services and insurance	3.0	-1.6	2.5	1.3	7.7	2.6	2.8
21	Other services	2.5	3.4	4.2	4.5	3.9	6.4	0.8
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	0.9	5.4	7.9	-0.7	3.3	-1.9	1.7
23	Gross output of nonprofit institutions ²	3.0	3.3	2.5	4.9	1.6	-3.0	0.7
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	3.7	2.6	0.7	6.8	1.0	-3.3	0.3
	Addenda:							
25	PCE excluding food and energy ⁴	4.0	2.8	2.9	3.4	2.5	3.0	2.7
26	Energy goods and services ⁵	2.5	0.4	3.0	-9.4	-9.6	15.5	-6.6
27	Market-based PCE ⁶	3.7	2.8	2.5	3.1	1.4	3.6	2.4
28	Market-based PCE excluding food and energy ⁶	4.1	3.0	2.5	3.6	2.0	3.3	2.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Personal consumption expenditures (PCE)	3.6	2.7	2.8	2.9	1.9	3.3	2.4
	Percentage points at annual rates:							
2	Goods	1.53	1.19	1.02	1.50	0.22	1.69	1.33
3	Durable goods	0.84	0.60	1.00	0.98	-0.01	0.81	0.88
4	Motor vehicles and parts	0.26	0.11	0.53	0.47	-0.38	0.03	0.51
5	Furnishings and durable household equipment	0.21	0.18	0.15	0.13	0.11	0.22	0.18
6	Recreational goods and vehicles	0.26	0.27	0.24	0.32	0.30	0.38	0.00
7	Other durable goods	0.11	0.05	0.09	0.06	-0.05	0.18	0.19
8	Nondurable goods	0.69	0.59	0.02	0.52	0.24	0.88	0.45
9	Food and beverages purchased for off-premises consumption	0.04	0.20	0.13	0.30	0.08	0.01	0.23
10	Clothing and footwear	0.12	0.08	0.05	0.04	-0.12	0.29	-0.01
11	Gasoline and other energy goods	0.13	0.03	-0.07	-0.04	-0.14	0.18	-0.11
12	Other nondurable goods	0.39	0.29	-0.09	0.22	0.41	0.40	0.35
13	Services	2.12	1.54	1.80	1.42	1.70	1.57	1.03
14	Household consumption expenditures (for services)	2.09	1.40	1.58	1.44	1.61	1.63	0.98
15	Housing and utilities	0.31	0.24	0.39	-0.16	-0.06	0.61	0.03
16	Health care	0.84	0.63	0.19	0.90	0.35	0.23	0.26
17	Transportation services	0.13	0.11	0.16	0.09	0.06	0.01	0.07
18	Recreation services	0.09	0.08	0.18	0.11	0.17	0.05	0.14
19	Food services and accommodations	0.27	0.16	0.11	0.00	0.17	-0.04	0.18
20	Financial services and insurance	0.23	-0.13	0.20	0.11	0.58	0.21	0.22
21	Other services	0.22	0.30	0.37	0.40	0.34	0.56	0.07
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	0.02	0.15	0.22	-0.01	0.09	-0.05	0.05
23	Gross output of nonprofit institutions ²	0.32	0.36	0.28	0.53	0.18	-0.33	0.07
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	0.30	0.21	0.06	0.55	0.08	-0.28	0.02
	Addenda:							
25	PCE excluding food and energy ⁴	3.48	2.52	2.57	3.00	2.24	2.69	2.39
26	Energy goods and services ⁵	0.12	0.02	0.12	-0.38	-0.40	0.57	-0.26
27	Market-based PCE ⁶	3.28	2.51	2.20	2.71	1.25	3.12	2.12
28	Market-based PCE excluding food and energy ⁶	3.11	2.30	1.96	2.79	1.56	2.54	2.16

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	114.393	117.520	117.987	118.840	119.408	120.372	121.074
2	Goods	122.789	127.318	127.900	129.387	129.607	131.311	132.670
3	Durable goods	147.737	155.873	157.516	161.032	160.977	163.956	167.250
4	Motor vehicles and parts	134.374	138.288	140.201	144.584	140.980	141.258	146.182
5	Furnishings and durable household equipment	146.948	157.476	158.904	161.013	162.839	166.436	169.435
6	Recreational goods and vehicles	174.209	189.994	191.951	197.062	202.069	208.401	208.326
7	Other durable goods	133.963	137.665	138.479	139.662	138.660	142.338	146.343
8	Nondurable goods	112.488	115.593	115.759	116.462	116.783	117.996	118.621
9	Food and beverages purchased for off-premises consumption	105.231	108.115	108.471	109.632	109.954	109.998	110.880
10	Clothing and footwear	120.633	123.556	124.087	124.506	123.324	126.263	126.108
11	Gasoline and other energy goods	100.398	101.591	100.969	100.449	98.942	100.919	99.687
12	Other nondurable goods	121.960	126.003	126.094	126.865	128.331	129.793	131.053
13	Services	110.402	112.917	113.332	113.917	114.628	115.280	115.709
14	Household consumption expenditures (for services)	110.472	112.845	113.223	113.841	114.542	115.247	115.673
15	Housing and utilities	106.263	107.669	108.204	107.960	107.865	108.766	108.813
16	Health care	115.431	119.771	119.931	121.539	122.167	122.568	123.034
17	Transportation services	117.540	121.871	122.504	123.359	123.962	124.074	124.754
18	Recreation services	112.633	115.005	115.418	116.189	117.451	117.848	118.911
19	Food services and accommodations	117.047	119.904	120.439	120.449	121.233	121.042	121.891
20	Financial services and insurance	103.011	101.353	101.445	101.782	103.690	104.359	105.082
21	Other services	108.894	112.635	113.132	114.397	115.505	117.322	117.554
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	108.801	114.661	115.949	115.750	116.696	116.135	116.622
23	Gross output of nonprofit institutions ²	110.962	114.607	114.977	116.350	116.814	115.936	116.126
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	111.701	114.599	114.653	116.562	116.861	115.873	115.959
	Addenda:							
25	PCE excluding food and energy ⁴	116.131	119.432	119.867	120.870	121.627	122.532	123.348
26	Energy goods and services ⁵	101.121	101.492	102.763	100.248	97.739	101.331	99.617
27	Market-based PCE ⁶	115.586	118.877	119.322	120.232	120.655	121.718	122.449
28	Market-based PCE excluding food and energy ⁶	117.826	121.350	121.754	122.850	123.471	124.480	125.350

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	109.481	110.789	111.034	111.583	112.198	112.273	112.693
2	Goods	102.695	101.209	101.067	101.392	102.062	101.127	101.296
3	Durable goods	90.430	88.460	88.085	87.376	87.587	86.793	86.233
4	Motor vehicles and parts	110.827	109.656	109.375	109.052	109.410	108.564	107.921
5	Furnishings and durable household equipment	86.771	84.515	84.045	83.406	83.673	82.593	81.650
6	Recreational goods and vehicles	70.368	66.789	66.317	64.980	64.785	64.052	63.988
7	Other durable goods	99.606	100.842	100.733	100.870	101.767	101.544	100.546
8	Nondurable goods	108.961	107.800	107.802	108.788	109.746	108.735	109.380
9	Food and beverages purchased for off-premises consumption	110.950	109.927	109.597	109.251	109.344	109.899	109.966
10	Clothing and footwear	104.253	103.949	103.940	103.577	104.762	103.238	103.376
11	Gasoline and other energy goods	106.829	94.704	93.764	102.821	108.757	99.734	103.643
12	Other nondurable goods	108.409	109.951	110.468	110.774	110.984	111.076	111.485
13	Services	113.065	115.878	116.332	117.002	117.585	118.213	118.770
14	Household consumption expenditures (for services)	113.208	115.983	116.439	117.084	117.621	118.240	118.805
15	Housing and utilities	111.838	115.123	115.612	116.710	117.663	118.575	119.433
16	Health care	109.728	111.011	111.284	111.639	112.002	112.402	112.675
17	Transportation services	109.909	111.161	111.203	111.482	112.394	112.997	113.016
18	Recreation services	111.214	113.926	114.436	114.800	116.147	116.397	117.447
19	Food services and accommodations	115.011	117.975	118.247	118.997	119.663	120.248	120.447
20	Financial services and insurance	127.896	135.140	136.484	137.632	137.622	139.565	140.541
21	Other services	112.018	113.720	114.062	114.162	114.023	113.697	114.183
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	109.702	113.388	113.807	115.045	116.676	117.513	117.887
23	Gross output of nonprofit institutions ²	112.524	114.814	115.197	115.891	116.658	117.282	117.714
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	113.486	115.299	115.670	116.175	116.645	117.194	117.647
	Addenda:							
25	PCE excluding food and energy ⁴	109.453	111.391	111.710	112.084	112.590	112.847	113.217
26	Energy goods and services ⁵	105.040	97.531	97.211	102.788	106.567	102.007	104.064
27	Market-based PCE ⁶	108.186	109.067	109.239	109.756	110.390	110.288	110.632
28	Market-based PCE excluding food and energy ⁶	107.934	109.467	109.711	110.024	110.539	110.617	110.892

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	12,332.3	12,820.7	12,899.4	13,056.9	13,191.6	13,307.0	13,434.7
2	Goods	4,033.2	4,121.4	4,134.4	4,195.9	4,230.8	4,247.2	4,298.3
3	Durable goods	1,367.1	1,411.0	1,420.2	1,440.2	1,443.2	1,456.6	1,476.3
4	Motor vehicles and parts	472.2	480.8	486.3	500.0	489.1	486.3	500.3
5	Furnishings and durable household equipment	311.5	325.2	326.3	328.2	332.9	335.9	338.1
6	Recreational goods and vehicles	372.4	385.5	386.9	389.2	397.9	405.8	405.2
7	Other durable goods	211.1	219.6	220.6	222.8	223.2	228.6	232.7
8	Nondurable goods	2,666.0	2,710.4	2,714.2	2,755.7	2,787.6	2,790.6	2,822.1
9	Food and beverages purchased for off-premises consumption	899.0	915.1	915.4	922.3	925.8	930.8	938.9
10	Clothing and footwear	385.5	393.7	395.3	395.3	396.0	399.5	399.6
11	Gasoline and other energy goods	305.1	273.7	269.5	294.0	306.3	286.5	294.1
12	Other nondurable goods	1,076.5	1,128.0	1,134.0	1,144.1	1,159.6	1,173.7	1,189.5
13	Services	8,299.1	8,699.3	8,765.0	8,861.0	8,960.7	9,059.8	9,136.4
14	Household consumption expenditures (for services)	7,969.7	8,340.4	8,400.8	8,493.5	8,584.9	8,683.1	8,756.9
15	Housing and utilities	2,235.4	2,331.5	2,352.9	2,369.9	2,387.2	2,425.8	2,444.4
16	Health care	2,061.2	2,163.7	2,171.9	2,208.0	2,226.6	2,241.9	2,255.9
17	Transportation services	374.2	392.5	394.6	398.4	403.6	406.1	408.4
18	Recreation services	471.0	492.6	496.6	501.5	512.9	515.7	525.1
19	Food services and accommodations	808.2	849.2	854.9	860.4	870.9	873.8	881.3
20	Financial services and insurance	947.2	984.7	995.4	1,007.1	1,025.9	1,047.1	1,061.7
21	Other services	1,072.4	1,126.1	1,134.4	1,148.1	1,157.8	1,172.7	1,180.0
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	329.4	358.9	364.2	367.5	375.8	376.7	379.5
23	Gross output of nonprofit institutions ²	1,339.2	1,411.3	1,420.5	1,446.1	1,461.5	1,458.3	1,466.0
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	1,009.7	1,052.5	1,056.3	1,078.6	1,085.7	1,081.6	1,086.6
	Addenda:							
25	PCE excluding food and energy ⁴	10,902.6	11,411.1	11,484.8	11,619.7	11,745.3	11,859.6	11,977.8
26	Energy goods and services ⁵	530.7	494.6	499.2	514.9	520.5	516.5	518.0
27	Market-based PCE ⁶	10,886.1	11,287.2	11,346.8	11,487.4	11,594.5	11,685.8	11,792.6
28	Market-based PCE excluding food and energy ⁶	9,457.0	9,878.2	9,932.9	10,050.9	10,148.9	10,239.1	10,336.3

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	11,264.3	11,572.1	11,618.1	11,702.1	11,758.0	11,853.0	11,922.1
2	Goods	3,927.3	4,072.2	4,090.8	4,138.4	4,145.4	4,199.9	4,243.4
3	Durable goods	1,511.8	1,595.1	1,611.9	1,647.9	1,647.3	1,677.8	1,711.5
4	Motor vehicles and parts	426.0	438.5	444.5	458.4	447.0	447.9	463.5
5	Furnishings and durable household equipment	359.0	384.7	388.2	393.4	397.8	406.6	413.9
6	Recreational goods and vehicles	529.2	577.2	583.1	598.6	613.8	633.1	632.8
7	Other durable goods	211.9	217.8	219.0	220.9	219.3	225.1	231.5
8	Nondurable goods	2,446.8	2,514.3	2,517.9	2,533.2	2,540.2	2,566.6	2,580.1
9	Food and beverages purchased for off-premises consumption	810.2	832.4	835.2	844.1	846.6	846.9	853.7
10	Clothing and footwear	369.7	378.7	380.3	381.6	378.0	387.0	386.5
11	Gasoline and other energy goods	285.6	289.0	287.3	285.8	281.5	287.1	283.6
12	Other nondurable goods	993.0	1,025.9	1,026.6	1,032.9	1,044.8	1,056.7	1,067.0
13	Services	7,340.1	7,507.3	7,534.9	7,573.8	7,621.0	7,664.4	7,692.9
14	Household consumption expenditures (for services)	7,039.8	7,191.1	7,215.2	7,254.6	7,299.2	7,344.1	7,371.3
15	Housing and utilities	1,998.8	2,025.2	2,035.3	2,030.7	2,028.9	2,045.9	2,046.8
16	Health care	1,878.5	1,949.1	1,951.7	1,977.9	1,988.1	1,994.6	2,002.2
17	Transportation services	340.5	353.1	354.9	357.4	359.1	359.4	361.4
18	Recreation services	423.5	432.4	434.0	436.9	441.6	443.1	447.1
19	Food services and accommodations	702.7	719.8	723.0	723.1	727.8	726.7	731.8
20	Financial services and insurance	740.6	728.7	729.3	731.8	745.5	750.3	755.5
21	Other services	957.3	990.2	994.6	1,005.7	1,015.5	1,031.4	1,033.5
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	300.3	316.5	320.0	319.5	322.1	320.6	321.9
23	Gross output of nonprofit institutions ²	1,190.1	1,229.2	1,233.2	1,247.9	1,252.9	1,243.5	1,245.5
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	889.8	912.8	913.3	928.5	930.8	923.0	923.7
25	Residual	-62.8	-87.0	-89.0	-96.5	-99.4	-109.5	-110.6
	Addenda:							
26	PCE excluding food and energy ⁴	9,961.0	10,244.1	10,281.4	10,367.5	10,432.4	10,510.0	10,580.0
27	Energy goods and services ⁵	505.2	507.1	513.4	500.9	488.3	506.3	497.7
28	Market-based PCE ⁶	10,062.4	10,348.8	10,387.6	10,466.8	10,503.7	10,596.2	10,659.8
29	Market-based PCE excluding food and energy ⁶	8,761.9	9,023.9	9,054.0	9,135.5	9,181.7	9,256.7	9,321.4

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.

Table 2.3.7. Percent Change From Preceding Period in Prices for Personal Consumption Expenditures by Major Type of Product

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	0.3	1.2	1.7	2.0	2.2	0.3	1.5
2	Goods	-2.9	-1.4	-0.6	1.3	2.7	-3.6	0.7
3	Durable goods	-2.1	-2.2	-3.5	-3.2	1.0	-3.6	-2.6
4	Motor vehicles and parts	0.0	-1.1	-1.5	-1.2	1.3	-3.1	-2.3
5	Furnishings and durable household equipment	-2.3	-2.6	-4.1	-3.0	1.3	-5.1	-4.5
6	Recreational goods and vehicles	-4.3	-5.1	-5.9	-7.8	-1.2	-4.4	-0.4
7	Other durable goods	-2.5	1.2	-2.6	0.5	3.6	-0.9	-3.9
8	Nondurable goods	-3.3	-1.1	1.0	3.7	3.6	-3.6	2.4
9	Food and beverages purchased for off-premises consumption	1.1	-0.9	-2.1	-1.3	0.3	2.0	0.2
10	Clothing and footwear	-1.3	-0.3	-0.4	-1.4	4.7	-5.7	0.5
11	Gasoline and other energy goods	-26.6	-11.3	1.1	44.6	25.2	-29.3	16.6
12	Other nondurable goods	1.3	1.4	3.9	1.1	0.8	0.3	1.5
13	Services	1.9	2.5	2.9	2.3	2.0	2.2	1.9
14	Household consumption expenditures (for services)	1.8	2.5	2.8	2.2	1.8	2.1	1.9
15	Housing and utilities	2.5	2.9	3.7	3.9	3.3	3.1	2.9
16	Health care	0.6	1.2	1.8	1.3	1.3	1.4	1.0
17	Transportation services	0.4	1.1	0.1	1.0	3.3	2.2	0.1
18	Recreation services	1.6	2.4	2.3	1.3	4.8	0.9	3.7
19	Food services and accommodations	2.8	2.6	2.1	2.6	2.3	2.0	0.7
20	Financial services and insurance	3.5	5.7	6.1	3.4	0.0	5.8	2.8
21	Other services	1.2	1.5	1.9	0.4	-0.5	-1.1	1.7
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	4.1	3.4	3.6	4.4	5.8	2.9	1.3
23	Gross output of nonprofit institutions ²	2.0	2.0	2.7	2.4	2.7	2.2	1.5
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	1.3	1.6	2.4	1.8	1.6	1.9	1.6
	Addenda:							
25	PCE excluding food and energy ⁴	1.3	1.8	2.0	1.3	1.8	0.9	1.3
26	Energy goods and services ⁵	-17.8	-7.1	3.1	25.0	15.5	-16.0	8.3
27	Market-based PCE ⁶	-0.1	0.8	1.4	1.9	2.3	-0.4	1.3
28	Market-based PCE excluding food and energy ⁶	1.1	1.4	1.6	1.1	1.9	0.3	1.0

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts	5,260.0	5,312.8	5,359.3	5,371.3	5,490.2	5,466.9	---
2	Current tax receipts	3,711.0	3,728.9	3,776.2	3,760.3	3,804.7	3,825.1	---
3	Personal current taxes	1,937.9	1,960.1	1,983.8	1,977.2	2,018.8	2,012.9	2,053.0
4	Taxes on production and imports	1,255.8	1,288.0	1,296.6	1,304.1	1,309.2	1,321.3	1,336.4
5	Taxes on corporate income	496.3	459.4	475.0	457.3	454.9	468.8	---
6	Taxes from the rest of the world	21.0	21.4	20.9	21.8	21.7	22.1	22.3
7	Contributions for government social insurance	1,213.2	1,250.5	1,263.4	1,255.5	1,289.6	1,302.9	1,316.2
8	From persons	1,208.0	1,245.3	1,258.2	1,250.2	1,284.1	1,297.4	1,310.7
9	From the rest of the world ¹	5.2	5.1	5.2	5.3	5.5	5.5	5.5
10	Income receipts on assets	125.1	125.1	126.1	134.8	155.2	139.0	139.0
11	Interest and miscellaneous receipts	105.0	105.7	106.1	108.7	110.6	114.1	113.6
12	Interest receipts ²	85.8	87.6	87.9	90.2	92.5	93.8	94.0
13	Rents and royalties	19.3	18.1	18.2	18.5	18.2	20.3	19.6
14	Dividends	20.1	19.4	19.9	26.0	44.6	24.8	25.4
15	Current transfer receipts	224.9	218.4	203.6	231.0	251.8	210.6	234.4
16	From business (net)	112.4	105.9	92.4	113.8	116.8	93.0	93.5
17	From persons	105.4	108.9	109.0	110.6	112.3	114.1	115.5
18	From the rest of the world ³	7.1	3.7	2.2	6.5	22.7	3.5	25.4
19	Current surplus of government enterprises ⁴	-14.3	-10.1	-10.1	-10.2	-11.0	-10.7	-10.6
20	Current expenditures	5,993.0	6,177.5	6,200.5	6,247.2	6,322.9	6,305.4	6,339.2
21	Consumption expenditures	2,610.8	2,658.1	2,672.6	2,678.1	2,701.3	2,714.5	2,741.1
22	Current transfer payments	2,704.8	2,785.5	2,794.9	2,811.1	2,848.9	2,850.5	2,863.5
23	Government social benefits	2,651.5	2,731.9	2,741.0	2,758.9	2,794.9	2,799.4	2,814.0
24	To persons	2,631.2	2,711.0	2,719.7	2,737.9	2,773.4	2,777.8	2,792.1
25	To the rest of the world ⁵	20.2	20.9	21.3	21.0	21.5	21.7	21.9
26	Other current transfer payments to the rest of the world ^{3,5}	53.3	53.6	53.9	52.2	54.0	51.0	49.5
27	Interest payments ²	620.2	672.1	670.0	696.3	711.7	680.3	672.9
28	To persons and business ²	523.8	572.5	570.0	593.8	608.9	575.2	---
29	To the rest of the world	96.4	99.6	100.0	102.5	102.7	105.1	---
30	Subsidies ⁴	57.3	61.8	63.0	61.6	61.0	60.1	61.6
31	Net government saving	-733.0	-864.7	-841.3	-875.9	-832.6	-838.5	---
32	Social insurance funds	-301.0	-312.8	-305.8	-324.7	-306.5	-303.9	-303.9
33	Other	-432.0	-551.9	-535.4	-551.2	-526.1	-534.7	---
Addenda:								
34	Total receipts	5,285.4	5,338.3	5,384.6	5,397.2	5,517.0	5,494.0	---
35	Current receipts	5,260.0	5,312.8	5,359.3	5,371.3	5,490.2	5,466.9	---
36	Capital transfer receipts	25.4	25.5	25.3	25.9	26.7	27.1	39.4
37	Total expenditures	6,066.5	6,269.7	6,290.2	6,347.1	6,427.1	6,404.4	6,509.0
38	Current expenditures	5,993.0	6,177.5	6,200.5	6,247.2	6,322.9	6,305.4	6,339.2
39	Gross government investment	608.1	609.7	602.0	608.7	618.9	617.5	610.3
40	Capital transfer payments	7.8	6.7	5.6	9.7	8.7	7.9	89.3
41	Net purchases of nonproduced assets	-20.5	1.9	9.0	10.4	10.3	10.2	10.7
42	Less: Consumption of fixed capital	521.9	526.2	526.9	528.8	533.6	536.7	540.4
43	Net lending or net borrowing (-)	-781.1	-931.4	-905.6	-949.9	-910.2	-910.4	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts	3,441.4	3,452.1	3,486.3	3,479.4	3,589.2	3,564.9	---
2	Current tax receipts	2,126.9	2,100.2	2,131.6	2,113.0	2,133.4	2,155.6	---
3	Personal current taxes ¹	1,528.5	1,540.5	1,557.9	1,552.0	1,574.0	1,591.4	1,608.5
4	Taxes on production and imports ²	140.2	137.0	136.7	138.5	128.8	131.6	132.9
5	Excise taxes	102.1	99.5	99.4	101.4	91.3	93.2	94.6
6	Customs duties	38.1	37.5	37.3	37.1	37.5	38.5	38.3
7	Taxes on corporate income	437.1	401.2	416.1	400.8	408.8	410.4	---
8	Federal Reserve banks	110.4	91.5	90.8	73.1	92.4	88.6	---
9	Other	326.7	309.8	325.3	327.7	316.4	321.8	---
10	Taxes from the rest of the world	21.0	21.4	20.9	21.8	21.7	22.1	22.3
11	Contributions for government social insurance	1,193.4	1,230.2	1,243.1	1,235.1	1,269.2	1,282.5	1,295.6
12	From persons	1,188.2	1,225.1	1,237.9	1,229.8	1,263.7	1,277.0	1,290.1
13	From the rest of the world ³	5.2	5.1	5.2	5.3	5.5	5.5	5.5
14	Income receipts on assets	48.9	46.8	47.6	55.9	76.5	59.9	59.4
15	Interest receipts ⁴	26.4	27.3	27.4	29.6	31.8	32.9	32.8
16	Dividends	16.0	14.8	15.4	21.4	40.0	20.2	20.6
17	Rents and royalties ⁵	6.6	4.7	4.8	5.0	4.7	6.8	6.0
18	Current transfer receipts	77.0	78.3	67.8	78.9	113.5	70.7	92.8
19	From business	44.1	47.4	38.5	44.4	62.1	37.8	37.6
20	From persons	26.3	27.3	27.2	27.9	28.6	29.4	29.8
21	From the rest of the world ⁶	6.6	3.7	2.2	6.5	22.7	3.5	25.4
22	Current surplus of government enterprises ⁷	-4.7	-3.5	-3.8	-3.5	-3.4	-3.8	-4.0
23	Current expenditures	4,028.0	4,149.4	4,165.3	4,193.3	4,242.0	4,198.3	4,234.7
24	Consumption expenditures	960.0	964.5	968.2	965.9	968.0	970.8	980.9
25	Current transfer payments	2,572.8	2,648.4	2,663.4	2,669.3	2,700.9	2,685.6	2,717.5
26	Government social benefits	1,987.4	2,039.3	2,043.9	2,050.8	2,082.7	2,090.4	2,099.4
27	To persons	1,967.2	2,018.4	2,022.6	2,029.8	2,061.2	2,068.8	2,077.5
28	To the rest of the world ⁸	20.2	20.9	21.3	21.0	21.5	21.7	21.9
29	Other current transfer payments	585.4	609.2	619.6	618.5	618.2	595.2	618.1
30	Grants-in-aid to state and local governments	532.1	555.5	565.7	566.3	564.2	544.1	568.6
31	To the rest of the world ^{6,8}	53.3	53.6	53.9	52.2	54.0	51.0	49.5
32	Interest payments ⁴	438.4	475.1	471.1	497.0	512.7	482.3	475.3
33	To persons and business ⁴	344.6	378.5	374.2	398.0	413.2	380.4	---
34	To the rest of the world	93.9	96.6	97.0	99.0	99.4	101.9	---
35	Subsidies ⁷	56.7	61.3	62.5	61.1	60.5	59.6	61.1
36	Net federal government saving	-586.7	-697.3	-679.1	-714.0	-652.8	-633.4	---
37	Social insurance funds	-306.4	-318.1	-311.2	-330.1	-311.8	-309.2	-309.3
38	Other	-280.3	-379.1	-367.8	-383.9	-341.0	-324.2	---
	Addenda:							
39	Total receipts	3,461.6	3,472.1	3,506.1	3,499.8	3,610.5	3,586.5	---
40	Current receipts	3,441.4	3,452.1	3,486.3	3,479.4	3,589.2	3,564.9	---
41	Capital transfer receipts	20.2	20.0	19.9	20.4	21.3	21.6	21.8
42	Total expenditures	4,061.5	4,210.1	4,232.9	4,266.2	4,320.5	4,285.4	4,393.2
43	Current expenditures	4,028.0	4,149.4	4,165.3	4,193.3	4,242.0	4,198.3	4,234.7
44	Gross government investment	264.0	267.0	266.3	269.5	276.4	285.0	282.8
45	Capital transfer payments	71.6	73.7	74.1	75.2	75.4	76.2	150.2
46	Net purchases of nonproduced assets	-30.7	-8.6	-1.5	-0.2	-0.4	-0.6	-0.3
47	Less: Consumption of fixed capital	271.3	271.3	271.3	271.6	272.8	273.6	274.2
48	Net lending or net borrowing (-)	-600.0	-738.0	-726.8	-766.5	-710.0	-698.9	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts	2,350.7	2,416.3	2,438.7	2,458.2	2,465.2	2,446.1	---
2	Current tax receipts	1,584.1	1,628.7	1,644.7	1,647.3	1,671.3	1,669.5	---
3	Personal current taxes	409.4	419.6	425.9	425.2	444.8	421.4	444.5
4	Income taxes	374.1	383.2	389.5	388.2	407.3	383.7	406.4
5	Other	35.4	36.4	36.4	37.0	37.5	37.7	38.1
6	Taxes on production and imports	1,115.6	1,151.0	1,159.8	1,165.6	1,180.4	1,189.7	1,203.5
7	Sales taxes	542.9	556.8	561.9	562.6	567.3	570.4	577.8
8	Property taxes	479.4	499.8	502.6	507.8	515.4	521.1	527.0
9	Other	93.3	94.3	95.3	95.2	97.7	98.2	98.7
10	Taxes on corporate income	59.2	58.1	58.9	56.5	46.1	58.4	---
11	Contributions for government social insurance	19.8	20.3	20.3	20.4	20.4	20.4	20.6
12	Income receipts on assets	76.3	78.2	78.5	78.8	78.7	79.1	79.6
13	Interest receipts ¹	59.4	60.3	60.5	60.7	60.6	61.0	61.2
14	Dividends	4.2	4.6	4.5	4.7	4.6	4.6	4.8
15	Rents and royalties	12.7	13.3	13.4	13.5	13.5	13.5	13.6
16	Current transfer receipts	680.0	695.6	701.5	718.4	702.6	684.0	710.1
17	Federal grants-in-aid	532.1	555.5	565.7	566.3	564.2	544.1	568.6
18	From business (net)	68.3	58.5	54.0	69.5	54.7	55.2	55.8
19	From persons	79.1	81.6	81.9	82.7	83.7	84.7	85.7
20	From the rest of the world	0.5	0.0	0.0	0.0	0.0	0.0	0.0
21	Current surplus of government enterprises	-9.6	-6.6	-6.3	-6.7	-7.7	-6.9	-6.6
22	Current expenditures	2,497.0	2,583.7	2,600.9	2,620.1	2,645.1	2,651.3	2,673.0
23	Consumption expenditures	1,650.8	1,693.6	1,704.4	1,712.2	1,733.4	1,743.7	1,760.3
24	Current transfer payments	664.0	692.6	697.1	708.1	712.2	709.0	714.6
25	Government social benefit payments to persons	664.0	692.6	697.1	708.1	712.2	709.0	714.6
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	181.7	197.0	198.9	199.3	199.0	198.0	197.6
28	To persons and business ¹	179.2	194.0	195.9	195.8	195.7	194.8	---
29	To the rest of the world	2.5	3.0	3.0	3.5	3.3	3.2	---
30	Subsidies	0.5	0.5	0.5	0.5	0.5	0.5	0.6
31	Net state and local government saving	-146.4	-167.4	-162.2	-161.9	-179.8	-205.2	---
32	Social insurance funds	5.3	5.4	5.4	5.4	5.3	5.3	5.4
33	Other	-151.7	-172.8	-167.6	-167.3	-185.2	-210.5	---
	Addenda:							
34	Total receipts	2,419.6	2,488.7	2,512.6	2,529.3	2,537.4	2,519.9	---
35	Current receipts	2,350.7	2,416.3	2,438.7	2,458.2	2,465.2	2,446.1	---
36	Capital transfer receipts	69.0	72.4	73.9	71.1	72.2	73.8	83.5
37	Total expenditures	2,600.8	2,682.0	2,691.4	2,712.7	2,737.5	2,731.4	2,750.2
38	Current expenditures	2,497.0	2,583.7	2,600.9	2,620.1	2,645.1	2,651.3	2,673.0
39	Gross government investment	344.1	342.7	335.6	339.2	342.5	332.5	327.5
40	Capital transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	4.9
41	Net purchases of nonproduced assets	10.2	10.5	10.5	10.6	10.7	10.8	10.9
42	Less: Consumption of fixed capital	250.6	254.9	255.6	257.2	260.8	263.2	266.3
43	Net lending or net borrowing (-)	-181.2	-193.4	-178.8	-183.4	-200.1	-211.5	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	1.4	0.8	0.5	0.2	-0.6	-0.2	-0.1
2	Consumption expenditures ¹	1.3	1.0	1.8	-0.6	-1.6	0.4	1.5
3	Gross investment ²	1.6	-0.2	-5.1	3.4	4.0	-2.7	-7.1
4	Structures	2.7	-2.4	-11.8	5.3	0.2	-16.6	-16.7
5	Equipment	0.3	1.0	-4.6	-1.7	7.2	21.1	5.1
6	Intellectual property products	1.0	2.3	4.8	4.4	7.4	3.2	-1.7
7	Software	2.4	4.4	5.1	-0.3	13.4	9.0	5.4
8	Research and development	0.6	1.7	4.7	5.7	5.7	1.6	-3.7
9	Federal	-0.1	0.0	1.6	-0.5	-2.4	1.9	1.1
10	Consumption expenditures	0.0	-0.2	1.8	-1.8	-5.3	-0.7	2.8
11	Gross investment	-0.2	1.1	0.9	4.4	8.4	11.5	-4.2
12	Structures	-3.7	-3.5	-9.2	16.8	46.1	1.9	-52.0
13	Equipment	-0.3	0.0	-4.8	0.7	2.4	30.9	5.8
14	Intellectual property products	0.2	2.3	5.5	5.2	8.3	3.0	-3.0
15	Software	1.6	4.3	5.0	-1.8	18.5	10.2	4.4
16	Research and development	0.0	1.9	5.6	6.8	6.3	1.5	-4.6
17	National defense	-2.2	-0.7	2.5	-3.2	-3.3	4.7	2.3
18	Consumption expenditures	-2.2	-1.0	3.2	-4.9	-6.5	0.6	3.0
19	Gross investment	-1.9	0.5	-0.1	3.9	10.6	22.0	-0.4
20	Structures	-19.8	-22.7	-12.1	11.2	167.9	24.2	-70.1
21	Equipment	-2.4	-0.2	-6.5	-1.4	3.6	40.2	6.4
22	Intellectual property products	0.2	2.8	7.9	9.2	12.7	5.8	-0.9
23	Software	2.2	4.8	6.2	0.2	22.8	9.5	5.2
24	Research and development	-0.1	2.5	8.2	10.5	11.4	5.3	-1.8
25	Nondefense	3.2	1.2	0.3	3.6	-1.2	-1.9	-0.5
26	Consumption expenditures	3.7	1.0	-0.3	3.2	-3.4	-2.6	2.4
27	Gross investment	1.8	1.9	2.1	4.9	6.0	0.2	-8.8
28	Structures	3.3	3.1	-8.5	18.2	24.1	-4.1	-44.8
29	Equipment	8.6	0.8	2.1	9.0	-1.6	0.4	3.7
30	Intellectual property products	0.3	1.9	3.6	2.3	5.1	0.8	-4.7
31	Software	1.3	4.1	4.5	-2.7	16.6	10.5	4.1
32	Research and development	0.0	1.4	3.4	3.7	2.3	-1.7	-7.0
33	State and local	2.3	1.2	-0.2	0.6	0.5	-1.5	-0.9
34	Consumption expenditures	2.1	1.7	1.9	0.2	0.4	1.0	0.8
35	Gross investment	3.1	-1.2	-9.6	2.7	0.6	-13.2	-9.5
36	Structures	3.2	-2.3	-11.9	4.6	-2.3	-17.8	-13.5
37	Equipment	1.6	3.3	-4.3	-6.7	17.9	2.5	3.7
38	Intellectual property products	4.4	2.0	1.9	0.5	3.1	4.2	4.3
39	Software	3.6	4.5	5.2	2.2	5.2	7.0	7.1
40	Research and development	5.1	0.1	-0.7	-0.8	1.5	2.0	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.

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

Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Government consumption expenditures and gross investment	1.4	0.8	0.5	0.2	-0.6	-0.2	-0.1
	Percentage points at annual rates:							
2	Consumption expenditures ¹	1.08	0.79	1.47	-0.45	-1.35	0.32	1.23
3	Gross investment ²	0.31	-0.03	-0.98	0.62	0.72	-0.51	-1.35
4	Structures	0.24	-0.21	-1.07	0.43	0.02	-1.50	-1.46
5	Equipment	0.01	0.04	-0.19	-0.07	0.28	0.79	0.21
6	Intellectual property products	0.06	0.13	0.28	0.26	0.43	0.19	-0.11
7	Software	0.03	0.06	0.07	0.00	0.17	0.12	0.07
8	Research and development	0.03	0.08	0.21	0.26	0.26	0.07	-0.18
9	Federal	-0.03	0.02	0.60	-0.18	-0.92	0.72	0.43
10	Consumption expenditures	-0.01	-0.07	0.52	-0.53	-1.58	-0.20	0.80
11	Gross investment	-0.02	0.09	0.08	0.35	0.67	0.92	-0.37
12	Structures	-0.02	-0.02	-0.05	0.08	0.20	0.01	-0.38
13	Equipment	-0.01	0.00	-0.13	0.02	0.07	0.76	0.17
14	Intellectual property products	0.01	0.11	0.26	0.25	0.40	0.15	-0.16
15	Software	0.01	0.04	0.04	-0.02	0.14	0.08	0.04
16	Research and development	0.00	0.08	0.22	0.27	0.25	0.06	-0.19
17	National defense	-0.51	-0.17	0.56	-0.73	-0.74	1.02	0.50
18	Consumption expenditures	-0.43	-0.19	0.56	-0.90	-1.18	0.11	0.52
19	Gross investment	-0.09	0.02	0.00	0.17	0.45	0.91	-0.02
20	Structures	-0.03	-0.03	-0.01	0.01	0.11	0.03	-0.14
21	Equipment	-0.06	-0.01	-0.14	-0.03	0.08	0.76	0.14
22	Intellectual property products	0.00	0.06	0.16	0.19	0.26	0.13	-0.02
23	Software	0.01	0.01	0.02	0.00	0.05	0.02	0.01
24	Research and development	0.00	0.05	0.14	0.19	0.20	0.10	-0.03
25	Nondefense	0.48	0.19	0.04	0.55	-0.18	-0.30	-0.07
26	Consumption expenditures	0.41	0.12	-0.04	0.37	-0.40	-0.31	0.28
27	Gross investment	0.07	0.07	0.08	0.18	0.22	0.01	-0.35
28	Structures	0.01	0.01	-0.04	0.07	0.09	-0.02	-0.24
29	Equipment	0.05	0.00	0.01	0.05	-0.01	0.00	0.02
30	Intellectual property products	0.01	0.05	0.10	0.06	0.14	0.02	-0.14
31	Software	0.01	0.02	0.03	-0.02	0.09	0.06	0.02
32	Research and development	0.00	0.03	0.07	0.08	0.05	-0.04	-0.16
33	State and local	1.42	0.73	-0.10	0.35	0.29	-0.91	-0.55
34	Consumption expenditures	1.09	0.86	0.95	0.08	0.23	0.52	0.43
35	Gross investment	0.33	-0.13	-1.05	0.27	0.06	-1.43	-0.98
36	Structures	0.26	-0.19	-1.02	0.36	-0.19	-1.51	-1.08
37	Equipment	0.02	0.04	-0.06	-0.09	0.21	0.03	0.05
38	Intellectual property products	0.05	0.02	0.02	0.01	0.03	0.05	0.05
39	Software	0.02	0.02	0.03	0.01	0.02	0.03	0.03
40	Research and development	0.03	0.00	0.00	-0.01	0.01	0.01	0.01

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	93.184	93.884	93.877	93.917	93.770	93.724	93.696
2	Consumption expenditures ¹	95.120	96.041	96.332	96.199	95.800	95.895	96.257
3	Gross investment ²	85.699	85.544	84.380	85.095	85.929	85.336	83.781
4	Structures	78.221	76.380	74.139	75.101	75.137	71.808	68.594
5	Equipment	87.566	88.455	87.760	87.387	88.912	93.270	94.448
6	Intellectual property products	97.389	99.587	100.092	101.164	102.977	103.788	103.335
7	Software	121.053	126.378	127.715	127.610	131.683	134.557	136.333
8	Research and development	92.170	93.703	94.032	95.349	96.682	97.059	96.143
9	Federal	91.493	91.536	91.694	91.583	91.024	91.461	91.722
10	Consumption expenditures	92.948	92.716	92.980	92.563	91.317	91.160	91.784
11	Gross investment	86.609	87.590	87.382	88.319	90.120	92.612	91.616
12	Structures	51.302	49.528	48.163	50.066	55.043	55.307	46.028
13	Equipment	86.058	86.044	85.053	85.211	85.727	91.688	92.992
14	Intellectual property products	93.694	95.856	96.383	97.621	99.592	100.322	99.550
15	Software	118.834	123.979	125.416	124.847	130.249	133.446	134.895
16	Research and development	89.675	91.377	91.765	93.276	94.722	95.078	93.972
17	National defense	85.244	84.613	84.941	84.246	83.545	84.514	84.990
18	Consumption expenditures	87.596	86.686	87.222	86.136	84.702	84.830	85.457
19	Gross investment	76.846	77.227	76.796	77.526	79.500	83.559	83.482
20	Structures	21.709	16.781	15.774	16.198	20.724	21.876	16.170
21	Equipment	82.263	82.079	80.917	80.636	81.346	88.522	89.896
22	Intellectual property products	83.510	85.839	86.372	88.294	90.971	92.271	92.057
23	Software	117.398	123.057	124.395	124.470	131.028	134.022	135.717
24	Research and development	80.156	82.168	82.625	84.715	87.025	88.165	87.775
25	Nondefense	102.841	104.089	103.946	104.875	104.569	104.063	103.942
26	Consumption expenditures	103.053	104.079	103.842	104.662	103.761	103.078	103.697
27	Gross investment	102.155	104.082	104.226	105.491	107.027	107.074	104.641
28	Structures	93.853	96.757	94.896	98.945	104.431	103.357	89.071
29	Equipment	104.739	105.557	105.396	107.697	107.271	107.381	108.353
30	Intellectual property products	102.940	104.947	105.468	106.081	107.405	107.614	106.332
31	Software	119.485	124.400	125.881	125.025	129.913	133.201	134.540
32	Research and development	99.283	100.669	100.985	101.908	102.478	102.038	100.208
33	State and local	94.196	95.310	95.199	95.334	95.445	95.097	94.887
34	Consumption expenditures	96.388	98.004	98.310	98.348	98.458	98.704	98.908
35	Gross investment	84.856	83.851	81.975	82.522	82.637	79.766	77.802
36	Structures	80.864	79.016	76.690	77.557	77.103	73.419	70.804
37	Equipment	90.989	93.977	93.971	92.359	96.234	96.837	97.719
38	Intellectual property products	117.403	119.794	120.180	120.338	121.273	122.528	123.836
39	Software	125.017	130.665	131.824	132.552	134.236	136.529	138.896
40	Research and development	112.025	112.192	112.052	111.825	112.251	112.804	113.400

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	111.825	112.676	112.919	113.291	114.624	115.088	115.793
2	Consumption expenditures ¹	112.394	113.332	113.608	114.000	115.466	115.917	116.613
3	Gross investment ²	109.670	110.156	110.255	110.546	111.318	111.837	112.582
4	Structures	114.118	115.322	115.568	116.172	117.344	118.022	119.505
5	Equipment	102.036	101.805	101.942	101.757	101.871	102.081	101.890
6	Intellectual property products	109.117	109.130	108.998	109.216	109.933	110.473	111.024
7	Software	100.822	100.615	100.373	100.557	100.674	101.067	101.190
8	Research and development	111.296	111.377	111.281	111.508	112.411	112.997	113.685
9	Federal	109.866	110.488	110.571	110.782	112.266	112.763	113.141
10	Consumption expenditures	110.621	111.418	111.527	111.763	113.525	114.057	114.456
11	Gross investment	107.330	107.340	107.333	107.457	107.996	108.381	108.690
12	Structures	112.839	114.080	114.320	115.244	115.786	115.978	117.265
13	Equipment	102.560	102.366	102.540	102.370	102.456	102.604	102.312
14	Intellectual property products	109.874	109.885	109.740	109.964	110.774	111.325	111.920
15	Software	100.856	100.848	100.594	100.752	100.902	101.319	101.631
16	Research and development	111.614	111.629	111.511	111.748	112.707	113.288	113.949
17	National defense	108.872	109.285	109.368	109.562	110.882	111.280	111.449
18	Consumption expenditures	109.493	110.071	110.171	110.404	111.966	112.388	112.585
19	Gross investment	106.606	106.369	106.378	106.419	106.824	107.132	107.202
20	Structures	114.651	117.210	117.895	118.982	119.340	120.201	121.354
21	Equipment	102.589	102.358	102.559	102.381	102.314	102.411	102.073
22	Intellectual property products	110.841	110.445	110.201	110.438	111.356	111.870	112.360
23	Software	99.560	99.355	99.060	99.138	99.215	99.621	99.891
24	Research and development	112.288	111.864	111.629	111.890	112.936	113.466	113.991
25	Nondefense	111.511	112.448	112.532	112.768	114.494	115.139	115.830
26	Consumption expenditures	112.603	113.755	113.877	114.118	116.200	116.903	117.621
27	Gross investment	108.340	108.646	108.619	108.841	109.541	110.020	110.634
28	Structures	111.790	112.646	112.772	113.650	114.236	114.232	115.550
29	Equipment	102.232	102.174	102.246	102.103	102.749	103.096	102.994
30	Intellectual property products	109.141	109.452	109.382	109.595	110.323	110.903	111.580
31	Software	101.440	101.520	101.286	101.480	101.663	102.084	102.416
32	Research and development	111.081	111.456	111.434	111.652	112.537	113.162	113.944
33	State and local	113.168	114.164	114.506	114.979	116.220	116.664	117.574
34	Consumption expenditures	113.543	114.565	114.940	115.422	116.719	117.125	117.991
35	Gross investment	111.708	112.579	112.764	113.194	114.163	114.800	115.943
36	Structures	114.292	115.494	115.740	116.325	117.541	118.255	119.753
37	Equipment	100.604	100.294	100.350	100.136	100.306	100.649	100.680
38	Intellectual property products	105.405	105.427	105.348	105.541	105.854	106.347	106.705
39	Software	100.762	100.218	99.995	100.224	100.284	100.637	100.429
40	Research and development	108.996	109.497	109.542	109.704	110.238	110.853	111.718

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	3,218.9	3,267.8	3,274.6	3,286.8	3,320.2	3,332.1	3,351.5
2	Consumption expenditures ¹	2,610.8	2,658.1	2,672.6	2,678.1	2,701.3	2,714.5	2,741.1
3	Gross investment ²	608.1	609.7	602.0	608.7	618.9	617.5	610.3
4	Structures	284.7	280.9	273.3	278.3	281.2	270.3	261.5
5	Equipment	132.3	133.3	132.5	131.7	134.1	141.0	142.5
6	Intellectual property products	191.1	195.5	196.2	198.7	203.6	206.2	206.3
7	Software	41.6	43.3	43.7	43.7	45.1	46.3	47.0
8	Research and development	149.6	152.2	152.6	155.0	158.4	159.9	159.3
9	Federal	1,224.0	1,231.5	1,234.6	1,235.4	1,244.3	1,255.8	1,263.7
10	Consumption expenditures	960.0	964.5	968.2	965.9	968.0	970.8	980.9
11	Gross investment	264.0	267.0	266.3	269.5	276.4	285.0	282.8
12	Structures	16.9	16.5	16.0	16.8	18.6	18.7	15.7
13	Equipment	91.5	91.4	90.5	90.5	91.1	97.6	98.7
14	Intellectual property products	155.6	159.2	159.8	162.2	166.7	168.8	168.4
15	Software	26.2	27.3	27.5	27.5	28.7	29.5	29.9
16	Research and development	129.4	131.9	132.3	134.8	138.0	139.3	138.4
17	National defense	731.6	728.9	732.3	727.6	730.2	741.4	746.7
18	Consumption expenditures	588.2	585.2	589.3	583.2	581.6	584.7	590.1
19	Gross investment	143.4	143.7	143.0	144.4	148.6	156.6	156.6
20	Structures	4.3	3.4	3.2	3.3	4.2	4.5	3.4
21	Equipment	72.6	72.3	71.4	71.0	71.6	78.0	78.9
22	Intellectual property products	66.5	68.1	68.4	70.0	72.8	74.1	74.3
23	Software	8.0	8.4	8.4	8.4	8.9	9.1	9.3
24	Research and development	58.5	59.7	59.9	61.6	63.9	65.0	65.0
25	Nondefense	492.4	502.6	502.3	507.8	514.1	514.5	517.0
26	Consumption expenditures	371.8	379.4	378.9	382.7	386.3	386.1	390.8
27	Gross investment	120.6	123.3	123.4	125.1	127.8	128.4	126.2
28	Structures	12.6	13.1	12.9	13.5	14.3	14.2	12.4
29	Equipment	18.9	19.1	19.1	19.5	19.5	19.6	19.7
30	Intellectual property products	89.1	91.1	91.5	92.2	94.0	94.6	94.1
31	Software	18.2	18.9	19.1	19.0	19.8	20.4	20.7
32	Research and development	70.9	72.1	72.3	73.2	74.1	74.2	73.4
33	State and local	1,994.9	2,036.3	2,040.0	2,051.4	2,075.9	2,076.2	2,087.8
34	Consumption expenditures	1,650.8	1,693.6	1,704.4	1,712.2	1,733.4	1,743.7	1,760.3
35	Gross investment	344.1	342.7	335.6	339.2	342.5	332.5	327.5
36	Structures	267.8	264.4	257.3	261.5	262.7	251.6	245.8
37	Equipment	40.8	42.0	42.0	41.2	43.0	43.4	43.8
38	Intellectual property products	35.5	36.3	36.4	36.5	36.9	37.4	38.0
39	Software	15.4	16.0	16.1	16.2	16.5	16.8	17.1
40	Research and development	20.1	20.3	20.3	20.2	20.4	20.6	20.9

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

[Billions of chained (2009) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	2,878.5	2,900.2	2,899.9	2,901.2	2,896.6	2,895.2	2,894.4
2	Consumption expenditures ¹	2,322.9	2,345.4	2,352.5	2,349.2	2,339.5	2,341.8	2,350.7
3	Gross investment ²	554.5	553.5	546.0	550.6	556.0	552.1	542.1
4	Structures	249.5	243.6	236.4	239.5	239.6	229.0	218.8
5	Equipment	129.8	131.1	130.1	129.6	131.8	138.3	140.0
6	Intellectual property products	175.1	179.1	180.0	181.9	185.2	186.7	185.8
7	Software	41.2	43.0	43.5	43.5	44.8	45.8	46.4
8	Research and development	134.4	136.6	137.1	139.0	141.0	141.5	140.2
9	Federal	1,114.1	1,114.6	1,116.5	1,115.2	1,108.4	1,113.7	1,116.9
10	Consumption expenditures	867.9	865.7	868.2	864.3	852.6	851.2	857.0
11	Gross investment	246.0	248.7	248.2	250.8	255.9	263.0	260.2
12	Structures	15.0	14.4	14.0	14.6	16.0	16.1	13.4
13	Equipment	89.3	89.2	88.2	88.4	88.9	95.1	96.5
14	Intellectual property products	141.6	144.9	145.7	147.5	150.5	151.6	150.4
15	Software	25.9	27.1	27.4	27.3	28.4	29.1	29.5
16	Research and development	115.9	118.1	118.6	120.6	122.5	122.9	121.5
17	National defense	672.0	667.0	669.6	664.1	658.6	666.2	670.0
18	Consumption expenditures	537.2	531.6	534.9	528.3	519.5	520.3	524.1
19	Gross investment	134.5	135.1	134.4	135.7	139.1	146.2	146.1
20	Structures	3.7	2.9	2.7	2.8	3.6	3.7	2.8
21	Equipment	70.8	70.6	69.6	69.4	70.0	76.2	77.3
22	Intellectual property products	60.0	61.7	62.0	63.4	65.3	66.3	66.1
23	Software	8.0	8.4	8.5	8.5	9.0	9.2	9.3
24	Research and development	52.1	53.4	53.7	55.1	56.6	57.3	57.1
25	Nondefense	441.6	447.0	446.4	450.3	449.0	446.9	446.3
26	Consumption expenditures	330.2	333.5	332.7	335.4	332.5	330.3	332.3
27	Gross investment	111.3	113.4	113.6	115.0	116.7	116.7	114.1
28	Structures	11.3	11.6	11.4	11.9	12.6	12.4	10.7
29	Equipment	18.5	18.7	18.6	19.1	19.0	19.0	19.2
30	Intellectual property products	81.6	83.2	83.6	84.1	85.2	85.3	84.3
31	Software	17.9	18.7	18.9	18.7	19.5	20.0	20.2
32	Research and development	63.8	64.7	64.9	65.5	65.9	65.6	64.4
33	State and local	1,762.8	1,783.6	1,781.6	1,784.1	1,786.2	1,779.6	1,775.7
34	Consumption expenditures	1,453.9	1,478.2	1,482.9	1,483.4	1,485.1	1,488.8	1,491.9
35	Gross investment	308.1	304.4	297.6	299.6	300.0	289.6	282.5
36	Structures	234.3	229.0	222.2	224.7	223.4	212.8	205.2
37	Equipment	40.5	41.9	41.9	41.1	42.9	43.1	43.5
38	Intellectual property products	33.7	34.4	34.5	34.6	34.8	35.2	35.6
39	Software	15.3	16.0	16.1	16.2	16.4	16.7	17.0
40	Research and development	18.5	18.5	18.5	18.5	18.5	18.6	18.7
41	Residual	2.4	2.5	2.4	2.7	2.4	1.3	0.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	1.3	1.0	1.8	-0.6	-1.6	0.4	1.5
2	Gross output of general government	1.5	1.1	1.9	-0.5	-1.0	0.9	1.5
3	Value added	0.2	0.8	1.5	0.0	-0.1	0.2	0.4
4	Compensation of general government employees	0.2	0.9	1.8	0.0	-0.1	0.1	0.4
5	Consumption of general government fixed capital ²	0.2	0.3	0.3	0.3	-0.2	0.8	0.3
6	Intermediate goods and services purchased ³	4.2	1.7	2.8	-1.8	-3.1	2.6	4.0
7	Durable goods	-0.1	0.9	10.7	6.5	-14.9	11.3	-8.4
8	Nondurable goods	5.7	3.4	2.1	1.1	1.9	2.6	3.0
9	Services	3.9	1.1	2.3	-3.7	-3.9	1.7	5.7
10	Less: Own-account investment ⁴	1.9	0.5	3.4	1.1	1.7	-1.2	-1.1
11	Less: Sales to other sectors ⁵	2.2	1.9	2.1	-0.8	1.9	4.4	1.9
12	Federal consumption expenditures ¹	0.0	-0.2	1.8	-1.8	-5.3	-0.7	2.8
13	Gross output of general government	-0.1	-0.1	2.3	-2.3	-5.1	0.3	2.3
14	Value added	-0.7	0.3	0.8	-0.2	-0.9	-0.5	0.4
15	Compensation of general government employees	-0.9	0.7	1.5	-0.1	-1.3	-0.6	0.9
16	Consumption of general government fixed capital ²	-0.5	-0.2	-0.2	-0.3	-0.3	-0.3	-0.2
17	Intermediate goods and services purchased ³	1.1	-1.0	5.5	-6.6	-13.4	1.9	6.3
18	Durable goods	-3.0	-0.4	16.9	10.5	-24.9	18.6	-15.3
19	Nondurable goods	4.7	3.7	3.7	3.2	0.8	3.1	2.9
20	Services	1.2	-2.0	4.1	-10.8	-13.9	-0.8	11.0
21	Less: Own-account investment ⁴	-0.2	1.5	4.4	6.3	3.0	4.6	1.4
22	Less: Sales to other sectors	-6.3	7.0	52.2	-57.4	-16.5	119.4	-33.5
23	Defense consumption expenditures ¹	-2.2	-1.0	3.2	-4.9	-6.5	0.6	3.0
24	Gross output of general government	-2.2	-1.0	3.2	-4.4	-6.1	0.8	3.0
25	Value added	-2.1	-0.6	0.3	-1.2	-1.2	-0.4	1.0
26	Compensation of general government employees	-2.4	-0.1	1.3	-1.2	-1.1	0.2	2.6
27	Consumption of general government fixed capital ²	-1.6	-1.3	-1.2	-1.3	-1.3	-1.3	-1.4
28	Intermediate goods and services purchased ³	-2.4	-1.7	8.8	-10.2	-14.9	3.3	6.9
29	Durable goods	-4.0	-0.6	18.8	11.4	-26.6	20.9	-17.2
30	Nondurable goods	0.3	7.9	8.1	7.4	6.7	4.6	-0.5
31	Services	-2.4	-3.2	6.7	-16.7	-14.8	-0.7	14.6
32	Less: Own-account investment ⁴	0.2	1.7	4.3	7.4	4.0	5.3	2.1
33	Less: Sales to other sectors	-5.4	-8.1	-5.2	1.5	-1.2	4.2	5.3
34	Nondefense consumption expenditures ¹	3.7	1.0	-0.3	3.2	-3.4	-2.6	2.4
35	Gross output of general government	3.3	1.2	1.1	0.9	-3.5	-0.5	1.2
36	Value added	1.3	1.7	1.6	1.3	-0.5	-0.5	-0.4
37	Compensation of general government employees	1.3	1.8	1.8	1.3	-1.5	-1.6	-1.4
38	Consumption of general government fixed capital ²	1.3	1.3	1.3	1.3	1.2	1.3	1.4
39	Intermediate goods and services purchased ³	8.3	0.2	-0.2	0.1	-10.6	-0.4	5.4
40	Durable goods	6.7	2.0	1.4	2.5	-7.8	-0.8	4.2
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	8.9	0.7	0.9	0.3	-6.0	0.4	6.1
44	Services	8.0	0.2	-0.2	0.2	-12.3	-0.9	5.2
45	Less: Own-account investment ⁴	-0.8	1.0	4.6	4.7	1.7	3.5	0.5
46	Less: Sales to other sectors	-6.9	16.9	89.6	-72.5	-24.8	235.4	-48.2
47	State and local consumption expenditures ¹	2.1	1.7	1.9	0.2	0.4	1.0	0.8
48	Gross output of general government	2.2	1.7	1.7	0.3	0.8	1.2	1.2
49	Value added	0.7	1.0	1.8	0.1	0.3	0.5	0.3
50	Compensation of general government employees	0.6	1.0	1.9	0.0	0.3	0.3	0.2
51	Consumption of general government fixed capital ²	1.1	1.1	1.1	1.1	-0.1	2.3	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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	5.7	3.1	1.5	0.6	2.1	2.8	3.0
53	Durable goods	4.7	2.9	2.2	0.7	2.4	1.4	2.5
54	Nondurable goods	5.9	3.4	1.8	0.7	2.1	2.5	3.0
55	Services	5.6	2.9	1.3	0.5	2.1	3.1	3.0
56	Less: Own-account investment ⁴	4.3	-0.5	2.4	-4.1	0.2	-7.2	-3.8
57	Less: Sales to other sectors	2.4	1.8	1.1	1.1	2.3	2.8	2.8
58	Tuition and related educational charges	-1.0	-0.7	0.7	-0.9	2.0	2.8	3.2
59	Health and hospital charges	4.1	3.3	1.3	1.3	2.0	2.8	3.2
60	Other sales ⁵	2.2	1.2	1.1	2.1	2.9	2.8	1.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	95.120	96.041	96.332	96.199	95.800	95.895	96.257
2	Gross output of general government	96.672	97.724	98.041	97.908	97.650	97.880	98.248
3	Value added	99.240	100.040	100.280	100.289	100.262	100.316	100.409
4	Compensation of general government employees	97.227	98.134	98.420	98.410	98.392	98.406	98.502
5	Consumption of general government fixed capital ²	107.208	107.569	107.618	107.703	107.641	107.861	107.943
6	Intermediate goods and services purchased ³	91.894	93.457	93.932	93.510	92.788	93.375	94.295
7	Durable goods	84.561	85.349	85.927	87.285	83.829	86.097	84.225
8	Nondurable goods	95.255	98.517	98.878	99.153	99.629	100.273	101.014
9	Services	91.001	91.967	92.472	91.595	90.690	91.078	92.355
10	Less: Own-account investment ⁴	98.522	99.016	99.519	99.793	100.207	99.906	99.637
11	Less: Sales to other sectors ⁵	106.258	108.235	108.684	108.472	108.985	110.160	110.674
12	Federal consumption expenditures ¹	92.948	92.716	92.980	92.563	91.317	91.160	91.784
13	Gross output of general government	93.266	93.158	93.535	92.988	91.789	91.853	92.370
14	Value added	100.744	101.073	101.222	101.179	100.950	100.835	100.945
15	Compensation of general government employees	97.270	97.939	98.186	98.160	97.847	97.708	97.917
16	Consumption of general government fixed capital ²	106.567	106.310	106.285	106.214	106.133	106.060	105.994
17	Intermediate goods and services purchased ³	81.440	80.608	81.368	79.984	77.162	77.527	78.727
18	Durable goods	77.513	77.235	77.897	79.860	74.343	77.574	74.430
19	Nondurable goods	79.716	82.705	83.062	83.716	83.893	84.529	85.136
20	Services	82.437	80.826	81.671	79.372	76.468	76.313	78.330
21	Less: Own-account investment ⁴	103.395	104.895	105.170	106.782	107.584	108.789	109.174
22	Less: Sales to other sectors	88.415	94.612	106.059	85.678	81.893	99.669	90.014
23	Defense consumption expenditures ¹	87.596	86.686	87.222	86.136	84.702	84.830	85.457
24	Gross output of general government	88.247	87.383	87.901	86.915	85.566	85.739	86.368
25	Value added	97.434	96.857	96.927	96.633	96.343	96.245	96.491
26	Compensation of general government employees	94.295	94.157	94.361	94.085	93.819	93.865	94.464
27	Consumption of general government fixed capital ²	102.449	101.158	101.008	100.687	100.356	100.019	99.674
28	Intermediate goods and services purchased ³	75.489	74.202	75.376	73.380	70.477	71.046	72.238
29	Durable goods	75.219	74.758	75.461	77.520	71.756	75.246	71.780
30	Nondurable goods	79.543	85.800	86.866	88.439	89.890	90.916	90.805
31	Services	74.837	72.476	73.757	70.465	67.700	67.577	69.925
32	Less: Own-account investment ⁴	108.731	110.622	110.826	112.825	113.943	115.417	116.021
33	Less: Sales to other sectors	89.409	82.126	81.265	81.577	81.328	82.178	83.239
34	Nondefense consumption expenditures ¹	103.053	104.079	103.842	104.662	103.761	103.078	103.697
35	Gross output of general government	102.489	103.750	103.872	104.117	103.187	103.056	103.372
36	Value added	106.007	107.761	108.032	108.381	108.250	108.106	108.006
37	Compensation of general government employees	101.757	103.625	103.936	104.280	103.899	103.487	103.126
38	Consumption of general government fixed capital ²	113.699	115.232	115.423	115.784	116.134	116.516	116.931
39	Intermediate goods and services purchased ³	95.361	95.575	95.383	95.405	92.760	92.657	93.879
40	Durable goods	108.002	110.163	110.275	110.951	108.721	108.513	109.629
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	79.399	79.951	79.709	79.771	78.537	78.611	79.775
44	Services	100.200	100.359	100.172	100.216	96.990	96.761	97.992
45	Less: Own-account investment ⁴	96.651	97.665	98.028	99.158	99.568	100.438	100.553
46	Less: Sales to other sectors	88.233	103.132	122.546	88.769	82.668	111.873	94.904
47	State and local consumption expenditures ¹	96.388	98.004	98.310	98.348	98.458	98.704	98.908
48	Gross output of general government	98.334	99.962	100.249	100.319	100.527	100.839	101.133
49	Value added	98.512	99.522	99.804	99.835	99.899	100.028	100.115
50	Compensation of general government employees	97.187	98.169	98.467	98.463	98.540	98.604	98.663
51	Consumption of general government fixed capital ²	108.066	109.283	109.434	109.734	109.698	110.320	110.605

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

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	98.002	100.997	101.300	101.453	101.983	102.701	103.454
53	Durable goods	98.366	101.244	101.656	101.829	102.425	102.792	103.418
54	Nondurable goods	98.939	102.267	102.629	102.817	103.361	104.008	104.781
55	Services	97.326	100.140	100.404	100.538	101.055	101.832	102.580
56	Less: Own-account investment ⁴	93.764	93.311	94.027	93.044	93.090	91.363	90.475
57	Less: Sales to other sectors	106.729	108.600	108.774	109.067	109.688	110.456	111.217
58	Tuition and related educational charges	96.528	95.878	95.978	95.768	96.247	96.920	97.696
59	Health and hospital charges	114.476	118.231	118.512	118.900	119.494	120.331	121.293
60	Other sales ⁵	103.474	104.677	104.759	105.305	106.065	106.808	107.284

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	112.394	113.332	113.608	114.000	115.466	115.917	116.613
2	Gross output of general government	112.737	113.782	114.053	114.457	115.773	116.244	116.896
3	Value added	113.634	115.285	115.496	115.761	117.076	117.672	118.279
4	Compensation of general government employees	114.858	116.871	117.122	117.399	118.883	119.516	120.111
5	Consumption of general government fixed capital ²	109.165	109.530	109.599	109.823	110.536	111.002	111.649
6	Intermediate goods and services purchased ³	110.615	110.399	110.793	111.481	112.796	113.004	113.750
7	Durable goods	103.363	103.126	103.220	102.996	103.234	103.548	103.412
8	Nondurable goods	111.638	107.171	107.841	109.064	111.656	111.562	113.081
9	Services	111.405	113.019	113.328	113.886	114.756	115.088	115.587
10	Less: Own-account investment ⁴	109.359	110.382	110.621	110.927	112.203	112.714	113.390
11	Less: Sales to other sectors ⁵	115.369	117.038	117.285	117.777	118.241	118.819	119.228
12	Federal consumption expenditures ¹	110.621	111.418	111.527	111.763	113.525	114.057	114.456
13	Gross output of general government	110.551	111.363	111.477	111.718	113.449	113.975	114.367
14	Value added	111.220	112.431	112.480	112.667	114.644	115.266	115.610
15	Compensation of general government employees	112.934	114.816	114.879	115.074	117.976	118.777	119.156
16	Consumption of general government fixed capital ²	108.537	108.733	108.763	108.936	109.505	109.856	110.147
17	Intermediate goods and services purchased ³	108.903	108.915	109.155	109.506	110.721	111.047	111.535
18	Durable goods	103.225	102.990	103.031	102.864	103.347	103.619	103.241
19	Nondurable goods	108.785	104.667	105.153	105.261	107.121	106.370	108.357
20	Services	109.922	110.738	110.966	111.456	112.672	113.227	113.564
21	Less: Own-account investment ⁴	108.127	109.154	109.337	109.634	111.346	111.866	112.418
22	Less: Sales to other sectors	112.440	113.884	114.139	114.687	112.969	113.121	112.106
23	Defense consumption expenditures ¹	109.493	110.071	110.171	110.404	111.966	112.388	112.585
24	Gross output of general government	109.429	110.019	110.123	110.358	111.915	112.338	112.548
25	Value added	109.937	110.884	110.909	111.134	112.874	113.303	113.322
26	Compensation of general government employees	110.829	112.380	112.385	112.662	115.272	115.793	115.782
27	Consumption of general government fixed capital ²	108.585	108.649	108.703	108.849	109.304	109.595	109.660
28	Intermediate goods and services purchased ³	108.089	108.018	108.266	108.520	109.723	110.135	110.708
29	Durable goods	103.364	103.114	103.150	102.989	103.439	103.708	103.304
30	Nondurable goods	106.987	99.732	100.302	100.087	102.845	101.468	104.513
31	Services	109.656	110.649	110.905	111.339	112.481	113.233	113.641
32	Less: Own-account investment ⁴	107.496	108.252	108.442	108.708	110.221	110.648	111.136
33	Less: Sales to other sectors	110.091	111.536	111.696	112.067	113.215	113.830	114.149
34	Nondefense consumption expenditures ¹	112.603	113.755	113.877	114.118	116.200	116.903	117.621
35	Gross output of general government	112.492	113.660	113.787	114.040	116.041	116.729	117.403
36	Value added	113.247	114.846	114.932	115.064	117.385	118.287	119.103
37	Compensation of general government employees	116.145	118.504	118.648	118.728	122.049	123.245	124.181
38	Consumption of general government fixed capital ²	108.464	108.864	108.856	109.072	109.812	110.251	110.878
39	Intermediate goods and services purchased ³	110.588	110.754	110.977	111.507	112.747	112.919	113.254
40	Durable goods	101.531	101.437	101.512	101.293	102.076	102.376	102.223
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	111.494	110.275	110.658	111.128	112.117	112.038	112.931
44	Services	110.648	111.159	111.339	111.925	113.266	113.499	113.717
45	Less: Own-account investment ⁴	109.011	110.424	110.597	110.939	112.939	113.593	114.239
46	Less: Sales to other sectors	113.409	114.847	115.147	115.793	112.258	112.148	110.440
47	State and local consumption expenditures ¹	113.543	114.565	114.940	115.422	116.719	117.125	117.991
48	Gross output of general government	113.885	115.044	115.390	115.872	116.994	117.439	118.215
49	Value added	114.813	116.671	116.958	117.261	118.266	118.851	119.581
50	Compensation of general government employees	115.523	117.580	117.893	118.197	119.217	119.796	120.462
51	Consumption of general government fixed capital ²	110.083	110.681	110.803	111.096	112.006	112.629	113.757

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

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	111.838	111.507	111.978	112.835	114.201	114.356	115.225
53	Durable goods	103.626	103.386	103.560	103.250	103.124	103.499	103.714
54	Nondurable goods	112.238	107.702	108.407	109.848	112.583	112.617	114.046
55	Services	112.301	114.400	114.758	115.355	116.028	116.239	116.827
56	Less: Own-account investment ⁴	110.741	111.761	112.060	112.378	113.169	113.670	114.488
57	Less: Sales to other sectors	115.421	117.094	117.341	117.831	118.337	118.924	119.365
58	Tuition and related educational charges	129.371	132.855	133.015	133.970	134.393	135.099	135.651
59	Health and hospital charges	111.697	113.046	113.361	113.764	114.075	114.544	114.915
60	Other sales ⁵	111.875	112.951	113.142	113.489	114.337	115.030	115.508

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	2,610.8	2,658.1	2,672.6	2,678.1	2,701.3	2,714.5	2,741.1
2	Gross output of general government	3,151.8	3,215.7	3,233.7	3,240.8	3,269.4	3,290.4	3,321.3
3	Value added	2,151.2	2,200.1	2,209.4	2,214.6	2,239.2	2,251.8	2,265.5
4	Compensation of general government employees	1,694.5	1,740.3	1,749.1	1,753.0	1,774.9	1,784.6	1,795.2
5	Consumption of general government fixed capital ²	456.7	459.8	460.3	461.6	464.3	467.2	470.3
6	Intermediate goods and services purchased ³	1,000.6	1,015.6	1,024.4	1,026.1	1,030.2	1,038.6	1,055.8
7	Durable goods	65.0	65.5	66.0	66.9	64.4	66.3	64.8
8	Nondurable goods	279.6	277.6	280.3	284.3	292.4	294.1	300.3
9	Services	656.0	672.5	678.1	675.0	673.4	678.2	690.7
10	Less: Own-account investment ⁴	76.5	77.6	78.1	78.6	79.8	79.9	80.2
11	Less: Sales to other sectors ⁵	464.5	480.0	483.0	484.1	488.3	496.0	500.0
12	Federal consumption expenditures ¹	960.0	964.5	968.2	965.9	968.0	970.8	980.9
13	Gross output of general government	1,008.4	1,014.7	1,019.8	1,016.1	1,018.5	1,023.9	1,033.2
14	Value added	676.4	685.9	687.3	688.1	698.6	701.6	704.4
15	Compensation of general government employees	412.5	422.2	423.5	424.1	433.5	435.8	438.1
16	Consumption of general government fixed capital ²	263.9	263.7	263.7	264.0	265.1	265.8	266.4
17	Intermediate goods and services purchased ³	332.1	328.7	332.6	328.0	319.9	322.4	328.8
18	Durable goods	39.5	39.2	39.6	40.5	37.9	39.6	37.9
19	Nondurable goods	44.1	44.0	44.4	44.8	45.7	45.7	46.9
20	Services	248.5	245.5	248.6	242.6	236.3	237.0	244.0
21	Less: Own-account investment ⁴	38.9	39.9	40.0	40.8	41.7	42.4	42.7
22	Less: Sales to other sectors	9.5	10.3	11.5	9.4	8.8	10.7	9.6
23	Defense consumption expenditures ¹	588.2	585.2	589.3	583.2	581.6	584.7	590.1
24	Gross output of general government	614.7	612.0	616.2	610.6	609.6	613.1	618.8
25	Value added	400.0	401.1	401.5	401.1	406.1	407.2	408.4
26	Compensation of general government employees	239.1	242.1	242.6	242.5	247.4	248.7	250.3
27	Consumption of general government fixed capital ²	160.9	159.0	158.8	158.5	158.7	158.6	158.1
28	Intermediate goods and services purchased ³	214.7	210.9	214.7	209.5	203.4	205.9	210.4
29	Durable goods	35.6	35.3	35.7	36.6	34.0	35.7	34.0
30	Nondurable goods	20.8	20.9	21.3	21.6	22.6	22.5	23.2
31	Services	158.2	154.6	157.7	151.3	146.9	147.6	153.2
32	Less: Own-account investment ⁴	22.7	23.3	23.4	23.9	24.4	24.8	25.1
33	Less: Sales to other sectors	3.7	3.5	3.4	3.5	3.5	3.6	3.6
34	Nondefense consumption expenditures ¹	371.8	379.4	378.9	382.7	386.3	386.1	390.8
35	Gross output of general government	393.7	402.7	403.6	405.5	408.9	410.8	414.5
36	Value added	276.3	284.9	285.8	287.0	292.5	294.3	296.1
37	Compensation of general government employees	173.4	180.1	180.9	181.6	186.0	187.1	187.8
38	Consumption of general government fixed capital ²	103.0	104.7	104.9	105.4	106.5	107.3	108.2
39	Intermediate goods and services purchased ³	117.4	117.9	117.9	118.5	116.4	116.5	118.4
40	Durable goods	3.8	3.9	3.9	3.9	3.9	3.9	3.9
41	Nondurable goods	23.3	23.1	23.1	23.2	23.1	23.2	23.7
42	Commodity Credit Corporation inventory change	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0
43	Other nondurable goods	23.3	23.2	23.2	23.3	23.1	23.2	23.7
44	Services	90.3	90.8	90.8	91.3	89.5	89.4	90.7
45	Less: Own-account investment ⁴	16.2	16.6	16.7	16.9	17.3	17.5	17.7
46	Less: Sales to other sectors	5.7	6.8	8.1	5.9	5.3	7.2	6.0
47	State and local consumption expenditures ¹	1,650.8	1,693.6	1,704.4	1,712.2	1,733.4	1,743.7	1,760.3
48	Gross output of general government	2,143.4	2,201.0	2,213.9	2,224.7	2,250.9	2,266.5	2,288.1
49	Value added	1,474.9	1,514.1	1,522.1	1,526.5	1,540.6	1,550.2	1,561.1
50	Compensation of general government employees	1,282.0	1,318.0	1,325.5	1,328.9	1,341.4	1,348.8	1,357.1
51	Consumption of general government fixed capital ²	192.9	196.1	196.6	197.6	199.2	201.4	204.0

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	668.5	686.9	691.8	698.2	710.3	716.3	727.0
53	Durable goods	25.6	26.3	26.4	26.4	26.5	26.7	26.9
54	Nondurable goods	235.5	233.6	235.9	239.5	246.7	248.3	253.4
55	Services	407.4	427.1	429.5	432.3	437.1	441.2	446.7
56	Less: Own-account investment ⁴	37.5	37.7	38.1	37.8	38.1	37.6	37.5
57	Less: Sales to other sectors	455.0	469.7	471.5	474.7	479.5	485.2	490.4
58	Tuition and related educational charges	98.9	100.8	101.1	101.6	102.4	103.7	104.9
59	Health and hospital charges	213.5	223.2	224.3	225.8	227.6	230.1	232.7
60	Other sales ⁵	142.7	145.7	146.1	147.3	149.5	151.4	152.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	2,322.9	2,345.4	2,352.5	2,349.2	2,339.5	2,341.8	2,350.7
2	Gross output of general government	2,795.7	2,826.2	2,835.3	2,831.5	2,824.0	2,830.7	2,841.3
3	Value added	1,893.1	1,908.4	1,913.0	1,913.1	1,912.6	1,913.6	1,915.4
4	Compensation of general government employees	1,475.3	1,489.0	1,493.4	1,493.2	1,493.0	1,493.2	1,494.6
5	Consumption of general government fixed capital ²	418.4	419.8	420.0	420.3	420.1	420.9	421.3
6	Intermediate goods and services purchased ³	904.6	919.9	924.6	920.5	913.4	919.1	928.2
7	Durable goods	62.9	63.5	63.9	64.9	62.4	64.0	62.7
8	Nondurable goods	250.4	259.0	260.0	260.7	261.9	263.6	265.6
9	Services	588.8	595.1	598.3	592.7	586.8	589.3	597.6
10	Less: Own-account investment ⁴	69.9	70.3	70.6	70.8	71.1	70.9	70.7
11	Less: Sales to other sectors ⁵	402.6	410.1	411.8	411.0	413.0	417.4	419.4
12	Federal consumption expenditures ¹	867.9	865.7	868.2	864.3	852.6	851.2	857.0
13	Gross output of general government	912.2	911.1	914.8	909.5	897.8	898.4	903.4
14	Value added	608.1	610.1	611.0	610.7	609.4	608.7	609.3
15	Compensation of general government employees	365.2	367.8	368.7	368.6	367.4	366.9	367.7
16	Consumption of general government fixed capital ²	243.1	242.5	242.5	242.3	242.1	242.0	241.8
17	Intermediate goods and services purchased ³	304.9	301.8	304.7	299.5	288.9	290.3	294.8
18	Durable goods	38.2	38.1	38.4	39.4	36.7	38.2	36.7
19	Nondurable goods	40.5	42.1	42.2	42.6	42.7	43.0	43.3
20	Services	226.1	221.7	224.0	217.7	209.7	209.3	214.8
21	Less: Own-account investment ⁴	36.0	36.5	36.6	37.2	37.5	37.9	38.0
22	Less: Sales to other sectors	8.4	9.0	10.1	8.2	7.8	9.5	8.6
23	Defense consumption expenditures ¹	537.2	531.6	534.9	528.3	519.5	520.3	524.1
24	Gross output of general government	561.7	556.2	559.5	553.3	544.7	545.8	549.8
25	Value added	363.9	361.7	362.0	360.9	359.8	359.4	360.3
26	Compensation of general government employees	215.8	215.4	215.9	215.3	214.7	214.8	216.1
27	Consumption of general government fixed capital ²	148.2	146.3	146.1	145.6	145.2	144.7	144.2
28	Intermediate goods and services purchased ³	198.6	195.2	198.3	193.1	185.4	186.9	190.1
29	Durable goods	34.5	34.2	34.6	35.5	32.9	34.5	32.9
30	Nondurable goods	19.4	21.0	21.2	21.6	22.0	22.2	22.2
31	Services	144.3	139.8	142.2	135.9	130.5	130.3	134.8
32	Less: Own-account investment ⁴	21.2	21.5	21.6	22.0	22.2	22.5	22.6
33	Less: Sales to other sectors	3.4	3.1	3.1	3.1	3.1	3.1	3.2
34	Nondefense consumption expenditures ¹	330.2	333.5	332.7	335.4	332.5	330.3	332.3
35	Gross output of general government	350.0	354.3	354.7	355.6	352.4	352.0	353.0
36	Value added	244.0	248.0	248.7	249.5	249.2	248.8	248.6
37	Compensation of general government employees	149.3	152.0	152.5	153.0	152.4	151.8	151.3
38	Consumption of general government fixed capital ²	94.9	96.2	96.4	96.7	97.0	97.3	97.6
39	Intermediate goods and services purchased ³	106.2	106.4	106.2	106.2	103.3	103.2	104.5
40	Durable goods	3.8	3.9	3.9	3.9	3.8	3.8	3.8
41	Nondurable goods	20.9	20.9	20.9	20.8	20.6	20.7	21.0
42	Commodity Credit Corporation inventory change	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0
43	Other nondurable goods	20.9	21.0	21.0	21.0	20.6	20.7	21.0
44	Services	81.6	81.7	81.6	81.6	79.0	78.8	79.8
45	Less: Own-account investment ⁴	14.9	15.0	15.1	15.2	15.3	15.4	15.5
46	Less: Sales to other sectors	5.1	5.9	7.0	5.1	4.7	6.4	5.4
47	State and local consumption expenditures ¹	1,453.9	1,478.2	1,482.9	1,483.4	1,485.1	1,488.8	1,491.9
48	Gross output of general government	1,882.0	1,913.2	1,918.7	1,920.0	1,924.0	1,930.0	1,935.6
49	Value added	1,284.6	1,297.8	1,301.4	1,301.8	1,302.7	1,304.4	1,305.5
50	Compensation of general government employees	1,109.7	1,121.0	1,124.4	1,124.3	1,125.2	1,125.9	1,126.6
51	Consumption of general government fixed capital ²	175.2	177.2	177.4	177.9	177.8	178.8	179.3

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	597.7	616.0	617.8	618.8	622.0	626.4	631.0
53	Durable goods	24.7	25.4	25.5	25.5	25.7	25.8	25.9
54	Nondurable goods	209.8	216.9	217.6	218.0	219.2	220.5	222.2
55	Services	362.8	373.3	374.3	374.8	376.7	379.6	382.4
56	Less: Own-account investment ⁴	33.9	33.7	34.0	33.6	33.7	33.0	32.7
57	Less: Sales to other sectors	394.2	401.2	401.8	402.9	405.2	408.0	410.8
58	Tuition and related educational charges	76.4	75.9	76.0	75.8	76.2	76.7	77.3
59	Health and hospital charges	191.1	197.4	197.9	198.5	199.5	200.9	202.5
60	Other sales ⁵	127.5	129.0	129.1	129.8	130.7	131.6	132.2
61	Residual	1.5	1.9	1.9	2.0	2.3	2.1	1.9

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. 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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	-2.2	-0.7	2.5	-3.2	-3.3	4.7	2.3
2	Consumption expenditures ¹	-2.2	-1.0	3.2	-4.9	-6.5	0.6	3.0
3	Gross output of general government	-2.2	-1.0	3.2	-4.4	-6.1	0.8	3.0
4	Value added	-2.1	-0.6	0.3	-1.2	-1.2	-0.4	1.0
5	Compensation of general government employees	-2.4	-0.1	1.3	-1.2	-1.1	0.2	2.6
6	Military	-3.6	-0.6	1.2	-2.4	-0.4	0.1	3.3
7	Civilian	-0.3	0.6	1.5	0.7	-2.2	0.4	1.5
8	Consumption of general government fixed capital ²	-1.6	-1.3	-1.2	-1.3	-1.3	-1.3	-1.4
9	Intermediate goods and services purchased ³	-2.4	-1.7	8.8	-10.2	-14.9	3.3	6.9
10	Durable goods	-4.0	-0.6	18.8	11.4	-26.6	20.9	-17.2
11	Aircraft	-5.0	-0.5	42.7	37.0	-46.6	49.1	-45.6
12	Missiles	-1.0	-1.2	35.6	-20.8	-18.1	-15.1	19.6
13	Ships	4.9	4.6	-1.1	-2.6	-6.6	10.2	19.0
14	Vehicles	-5.0	-29.9	-24.2	-33.2	-66.4	-12.3	-24.1
15	Electronics	-5.2	2.1	-1.8	-3.3	-9.2	4.5	13.4
16	Other durable goods	-3.9	1.4	0.0	1.8	11.0	8.4	12.8
17	Nondurable goods	0.3	7.9	8.1	7.4	6.7	4.6	-0.5
18	Petroleum products	1.3	1.7	1.8	-2.7	0.0	0.0	0.0
19	Ammunition	-10.1	18.9	42.2	51.7	28.2	18.3	4.7
20	Other nondurable goods	2.6	9.4	3.8	2.5	4.5	3.1	-2.7
21	Services	-2.4	-3.2	6.7	-16.7	-14.8	-0.7	14.6
22	Installation support	-5.3	2.7	5.0	-2.6	-2.7	1.1	9.8
23	Weapons support	4.2	1.6	5.7	-13.4	-12.1	10.0	20.4
24	Personnel support	-2.6	-8.3	12.0	-22.4	-16.6	-2.0	16.0
25	Transportation of material	-9.9	-4.4	-20.0	-34.6	-47.4	-27.0	0.2
26	Travel of persons	-3.0	9.0	-7.4	-19.8	-36.1	-21.0	11.5
27	Less: Own-account investment ⁴	0.2	1.7	4.3	7.4	4.0	5.3	2.1
28	Less: Sales to other sectors	-5.4	-8.1	-5.2	1.5	-1.2	4.2	5.3
29	Gross investment ⁵	-1.9	0.5	-0.1	3.9	10.6	22.0	-0.4
30	Structures	-19.8	-22.7	-12.1	11.2	167.9	24.2	-70.1
31	Equipment	-2.4	-0.2	-6.5	-1.4	3.6	40.2	6.4
32	Aircraft	-4.4	-5.8	-35.6	12.9	30.9	80.2	19.5
33	Missiles	0.1	-20.1	-7.7	-61.7	112.0	-2.6	-7.5
34	Ships	2.0	5.5	19.3	8.8	-42.1	131.8	-22.0
35	Vehicles	-22.8	-2.0	-3.4	-14.1	-33.5	24.6	94.1
36	Electronics	-3.7	5.9	1.9	0.6	-8.3	0.9	8.8
37	Other equipment	-1.1	4.3	0.6	3.6	13.3	8.6	12.2
38	Intellectual property products	0.2	2.8	7.9	9.2	12.7	5.8	-0.9
39	Software	2.2	4.8	6.2	0.2	22.8	9.5	5.2
40	Research and development	-0.1	2.5	8.2	10.5	11.4	5.3	-1.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	National defense consumption expenditures and gross investment	-2.2	-0.7	2.5	-3.2	-3.3	4.7	2.3
	Percentage points at annual rates:							
2	Consumption expenditures ¹	-1.80	-0.84	2.51	-3.99	-5.32	0.51	2.34
3	Gross output of general government	-1.83	-0.82	2.61	-3.76	-5.20	0.70	2.44
4	Value added	-1.13	-0.32	0.17	-0.66	-0.66	-0.22	0.56
5	Compensation of general government employees	-0.77	-0.05	0.43	-0.39	-0.38	0.07	0.86
6	Military	-0.73	-0.12	0.24	-0.48	-0.09	0.01	0.65
7	Civilian	-0.03	0.07	0.19	0.09	-0.29	0.05	0.20
8	Consumption of general government fixed capital ²	-0.36	-0.28	-0.27	-0.27	-0.28	-0.29	-0.29
9	Intermediate goods and services purchased ³	-0.70	-0.50	2.45	-3.09	-4.54	0.92	1.87
10	Durable goods	-0.20	-0.03	0.83	0.53	-1.48	0.92	-0.88
11	Aircraft	-0.11	-0.01	0.73	0.70	-1.34	0.84	-1.22
12	Missiles	0.00	-0.01	0.15	-0.11	-0.09	-0.07	0.08
13	Ships	0.01	0.01	0.00	-0.01	-0.02	0.02	0.04
14	Vehicles	-0.01	-0.05	-0.04	-0.05	-0.11	-0.01	-0.02
15	Electronics	-0.04	0.01	-0.01	-0.02	-0.06	0.03	0.08
16	Other durable goods	-0.05	0.02	0.00	0.02	0.13	0.10	0.16
17	Nondurable goods	0.01	0.22	0.23	0.21	0.20	0.14	-0.01
18	Petroleum products	0.02	0.02	0.02	-0.03	0.00	0.00	0.00
19	Ammunition	-0.04	0.07	0.15	0.20	0.13	0.09	0.03
20	Other nondurable goods	0.03	0.13	0.06	0.04	0.07	0.05	-0.04
21	Services	-0.51	-0.68	1.40	-3.84	-3.25	-0.14	2.77
22	Installation support	-0.26	0.13	0.24	-0.13	-0.14	0.06	0.48
23	Weapons support	0.16	0.07	0.24	-0.60	-0.52	0.39	0.78
24	Personnel support	-0.29	-0.92	1.18	-2.57	-1.75	-0.20	1.43
25	Transportation of material	-0.09	-0.04	-0.18	-0.32	-0.43	-0.19	0.00
26	Travel of persons	-0.03	0.08	-0.08	-0.22	-0.41	-0.20	0.09
27	Less: Own-account investment ⁴	-0.01	-0.05	-0.13	-0.23	-0.13	-0.17	-0.07
28	Less: Sales to other sectors	0.03	0.04	0.03	-0.01	0.01	-0.02	-0.02
29	Gross investment ⁵	-0.36	0.10	0.01	0.76	2.03	4.21	-0.07
30	Structures	-0.14	-0.13	-0.06	0.05	0.51	0.13	-0.64
31	Equipment	-0.24	-0.02	-0.64	-0.12	0.36	3.51	0.66
32	Aircraft	-0.11	-0.14	-0.95	0.26	0.60	1.46	0.48
33	Missiles	0.00	-0.18	-0.06	-0.64	0.49	-0.01	-0.05
34	Ships	0.04	0.10	0.34	0.17	-1.02	1.65	-0.51
35	Vehicles	-0.09	-0.01	-0.01	-0.05	-0.12	0.07	0.21
36	Electronics	-0.03	0.05	0.02	0.00	-0.07	0.01	0.07
37	Other equipment	-0.04	0.16	0.02	0.13	0.48	0.33	0.47
38	Intellectual property products	0.02	0.25	0.71	0.83	1.17	0.57	-0.09
39	Software	0.02	0.05	0.07	0.00	0.24	0.11	0.06
40	Research and development	-0.01	0.20	0.64	0.83	0.92	0.46	-0.15

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	85.244	84.613	84.941	84.246	83.545	84.514	84.990
2	Consumption expenditures ¹	87.596	86.686	87.222	86.136	84.702	84.830	85.457
3	Gross output of general government	88.247	87.383	87.901	86.915	85.566	85.739	86.368
4	Value added	97.434	96.857	96.927	96.633	96.343	96.245	96.491
5	Compensation of general government employees	94.295	94.157	94.361	94.085	93.819	93.865	94.464
6	Military	89.649	89.111	89.341	88.811	88.716	88.732	89.447
7	Civilian	103.211	103.807	103.966	104.152	103.573	103.675	104.070
8	Consumption of general government fixed capital ²	102.449	101.158	101.008	100.687	100.356	100.019	99.674
9	Intermediate goods and services purchased ³	75.489	74.202	75.376	73.380	70.477	71.046	72.238
10	Durable goods	75.219	74.758	75.461	77.520	71.756	75.246	71.780
11	Aircraft	103.344	102.870	103.445	111.910	95.677	105.731	90.785
12	Missiles	72.628	71.738	77.451	73.072	69.522	66.732	69.786
13	Ships	219.473	229.539	230.124	228.624	224.746	230.265	240.477
14	Vehicles	36.226	25.378	24.819	22.439	17.087	16.536	15.435
15	Electronics	43.179	44.088	44.099	43.725	42.684	43.159	44.539
16	Other durable goods	74.635	75.676	75.627	75.967	77.975	79.567	82.002
17	Nondurable goods	79.543	85.800	86.866	88.439	89.890	90.916	90.805
18	Petroleum products	79.210	80.579	81.225	80.672	80.672	80.672	80.672
19	Ammunition	61.060	72.619	74.935	83.157	88.479	92.276	93.337
20	Other nondurable goods	90.604	99.140	100.100	100.725	101.831	102.604	101.905
21	Services	74.837	72.476	73.757	70.465	67.700	67.577	69.925
22	Installation support	71.510	73.446	74.343	73.859	73.350	73.547	75.293
23	Weapons support	82.490	83.803	85.234	82.218	79.616	81.530	85.410
24	Personnel support	79.498	72.871	74.575	70.003	66.907	66.564	69.075
25	Transportation of material	42.720	40.845	40.490	36.415	31.016	28.673	28.684
26	Travel of persons	65.888	71.819	72.520	68.628	61.354	57.836	59.431
27	Less: Own-account investment ⁴	108.731	110.622	110.826	112.825	113.943	115.417	116.021
28	Less: Sales to other sectors	89.409	82.126	81.265	81.577	81.328	82.178	83.239
29	Gross investment ⁵	76.846	77.227	76.796	77.526	79.500	83.559	83.482
30	Structures	21.709	16.781	15.774	16.198	20.724	21.876	16.170
31	Equipment	82.263	82.079	80.917	80.636	81.346	88.522	89.896
32	Aircraft	137.648	129.599	118.175	121.806	130.299	150.975	157.861
33	Missiles	122.796	98.110	105.135	82.714	99.812	99.145	97.221
34	Ships	109.716	115.718	116.004	118.465	103.351	127.526	119.864
35	Vehicles	23.049	22.593	22.743	21.893	19.772	20.891	24.660
36	Electronics	47.562	50.350	50.547	50.618	49.534	49.646	50.703
37	Other equipment	73.598	76.777	76.766	77.447	79.896	81.553	83.941
38	Intellectual property products	83.510	85.839	86.372	88.294	90.971	92.271	92.057
39	Software	117.398	123.057	124.395	124.470	131.028	134.022	135.717
40	Research and development	80.156	82.168	82.625	84.715	87.025	88.165	87.775

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	108.872	109.285	109.368	109.562	110.882	111.280	111.449
2	Consumption expenditures ¹	109.493	110.071	110.171	110.404	111.966	112.388	112.585
3	Gross output of general government	109.429	110.019	110.123	110.358	111.915	112.338	112.548
4	Value added	109.937	110.884	110.909	111.134	112.874	113.303	113.322
5	Compensation of general government employees	110.829	112.380	112.385	112.662	115.272	115.793	115.782
6	Military	108.107	109.184	109.109	109.511	111.704	111.831	111.268
7	Civilian	115.810	118.174	118.315	118.382	121.704	122.896	123.821
8	Consumption of general government fixed capital ²	108.585	108.649	108.703	108.849	109.304	109.595	109.660
9	Intermediate goods and services purchased ³	108.089	108.018	108.266	108.520	109.723	110.135	110.708
10	Durable goods	103.364	103.114	103.150	102.989	103.439	103.708	103.304
11	Aircraft	102.705	102.717	102.780	102.723	103.142	103.433	102.778
12	Missiles	104.218	103.022	103.160	102.146	102.500	102.598	102.301
13	Ships	101.790	100.119	100.068	100.033	99.991	100.490	100.265
14	Vehicles	105.950	105.753	105.134	106.529	106.555	106.261	105.363
15	Electronics	100.484	99.557	99.564	99.286	99.865	100.375	100.269
16	Other durable goods	105.811	106.123	106.172	106.054	106.645	106.798	106.595
17	Nondurable goods	106.987	99.732	100.302	100.087	102.845	101.468	104.513
18	Petroleum products	98.545	82.227	83.368	82.877	89.241	85.163	92.186
19	Ammunition	109.286	106.854	106.570	107.318	108.439	108.750	109.259
20	Other nondurable goods	110.845	110.500	110.779	110.456	110.698	110.977	111.617
21	Services	109.656	110.649	110.905	111.339	112.481	113.233	113.641
22	Installation support	109.569	110.394	110.634	111.851	113.309	114.257	115.231
23	Weapons support	110.920	112.252	112.482	112.560	113.052	113.693	114.021
24	Personnel support	108.398	110.019	110.387	110.526	111.644	112.328	112.755
25	Transportation of material	112.471	109.356	109.084	110.503	112.073	112.635	113.546
26	Travel of persons	111.298	108.232	108.005	108.310	110.485	111.473	108.338
27	Less: Own-account investment ⁴	107.496	108.252	108.442	108.708	110.221	110.648	111.136
28	Less: Sales to other sectors	110.091	111.536	111.696	112.067	113.215	113.830	114.149
29	Gross investment ⁵	106.606	106.369	106.378	106.419	106.824	107.132	107.202
30	Structures	114.651	117.210	117.895	118.982	119.340	120.201	121.354
31	Equipment	102.589	102.358	102.559	102.381	102.314	102.411	102.073
32	Aircraft	94.735	94.514	95.177	95.170	93.868	94.215	93.032
33	Missiles	106.199	104.441	104.770	102.887	102.009	101.282	100.119
34	Ships	110.830	110.606	110.745	110.603	111.347	111.296	112.195
35	Vehicles	113.229	114.024	113.342	115.625	114.757	113.632	112.567
36	Electronics	96.492	94.945	94.983	94.312	94.680	95.402	95.456
37	Other equipment	105.758	106.074	106.080	106.003	106.451	106.534	106.331
38	Intellectual property products	110.841	110.445	110.201	110.438	111.356	111.870	112.360
39	Software	99.560	99.355	99.060	99.138	99.215	99.621	99.891
40	Research and development	112.288	111.864	111.629	111.890	112.936	113.466	113.991

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	731.6	728.9	732.3	727.6	730.2	741.4	746.7
2	Consumption expenditures ¹	588.2	585.2	589.3	583.2	581.6	584.7	590.1
3	Gross output of general government	614.7	612.0	616.2	610.6	609.6	613.1	618.8
4	Value added	400.0	401.1	401.5	401.1	406.1	407.2	408.4
5	Compensation of general government employees	239.1	242.1	242.6	242.5	247.4	248.7	250.3
6	Military	147.3	147.9	148.2	147.8	150.6	150.8	151.3
7	Civilian	91.8	94.2	94.5	94.7	96.8	97.9	99.0
8	Consumption of general government fixed capital ²	160.9	159.0	158.8	158.5	158.7	158.6	158.1
9	Intermediate goods and services purchased ³	214.7	210.9	214.7	209.5	203.4	205.9	210.4
10	Durable goods	35.6	35.3	35.7	36.6	34.0	35.7	34.0
11	Aircraft	15.6	15.5	15.6	16.9	14.5	16.1	13.7
12	Missiles	3.4	3.3	3.6	3.4	3.2	3.1	3.2
13	Ships	1.6	1.7	1.7	1.6	1.6	1.7	1.7
14	Vehicles	1.3	0.9	0.9	0.8	0.6	0.6	0.6
15	Electronics	4.9	5.0	5.0	4.9	4.8	4.9	5.0
16	Other durable goods	8.8	8.9	8.9	8.9	9.2	9.4	9.7
17	Nondurable goods	20.8	20.9	21.3	21.6	22.6	22.5	23.2
18	Petroleum products	8.2	6.9	7.1	7.0	7.5	7.2	7.8
19	Ammunition	2.8	3.2	3.3	3.7	4.0	4.2	4.3
20	Other nondurable goods	9.9	10.7	10.9	10.9	11.1	11.2	11.2
21	Services	158.2	154.6	157.7	151.3	146.9	147.6	153.2
22	Installation support	34.5	35.7	36.2	36.4	36.6	37.0	38.2
23	Weapons support	29.8	30.7	31.3	30.2	29.4	30.2	31.8
24	Personnel support	80.7	75.0	77.1	72.4	69.9	70.0	72.9
25	Transportation of material	6.3	5.9	5.8	5.3	4.6	4.2	4.3
26	Travel of persons	6.9	7.3	7.4	7.0	6.4	6.1	6.1
27	Less: Own-account investment ⁴	22.7	23.3	23.4	23.9	24.4	24.8	25.1
28	Less: Sales to other sectors	3.7	3.5	3.4	3.5	3.5	3.6	3.6
29	Gross investment ⁵	143.4	143.7	143.0	144.4	148.6	156.6	156.6
30	Structures	4.3	3.4	3.2	3.3	4.2	4.5	3.4
31	Equipment	72.6	72.3	71.4	71.0	71.6	78.0	78.9
32	Aircraft	17.6	16.5	15.2	15.6	16.5	19.2	19.8
33	Missiles	6.6	5.2	5.6	4.3	5.1	5.1	4.9
34	Ships	13.5	14.3	14.3	14.6	12.8	15.8	15.0
35	Vehicles	2.4	2.4	2.4	2.3	2.1	2.2	2.6
36	Electronics	6.1	6.3	6.4	6.3	6.2	6.3	6.4
37	Other equipment	26.4	27.6	27.6	27.8	28.8	29.5	30.3
38	Intellectual property products	66.5	68.1	68.4	70.0	72.8	74.1	74.3
39	Software	8.0	8.4	8.4	8.4	8.9	9.1	9.3
40	Research and development	58.5	59.7	59.9	61.6	63.9	65.0	65.0

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	672.0	667.0	669.6	664.1	658.6	666.2	670.0
2	Consumption expenditures ¹	537.2	531.6	534.9	528.3	519.5	520.3	524.1
3	Gross output of general government	561.7	556.2	559.5	553.3	544.7	545.8	549.8
4	Value added	363.9	361.7	362.0	360.9	359.8	359.4	360.3
5	Compensation of general government employees	215.8	215.4	215.9	215.3	214.7	214.8	216.1
6	Military	136.3	135.5	135.8	135.0	134.9	134.9	136.0
7	Civilian	79.3	79.7	79.9	80.0	79.5	79.6	79.9
8	Consumption of general government fixed capital ²	148.2	146.3	146.1	145.6	145.2	144.7	144.2
9	Intermediate goods and services purchased ³	198.6	195.2	198.3	193.1	185.4	186.9	190.1
10	Durable goods	34.5	34.2	34.6	35.5	32.9	34.5	32.9
11	Aircraft	15.2	15.1	15.2	16.4	14.0	15.5	13.3
12	Missiles	3.3	3.2	3.5	3.3	3.1	3.0	3.2
13	Ships	1.6	1.7	1.7	1.6	1.6	1.7	1.7
14	Vehicles	1.3	0.9	0.9	0.8	0.6	0.6	0.5
15	Electronics	4.9	5.0	5.0	4.9	4.8	4.9	5.0
16	Other durable goods	8.3	8.4	8.4	8.4	8.6	8.8	9.1
17	Nondurable goods	19.4	21.0	21.2	21.6	22.0	22.2	22.2
18	Petroleum products	8.3	8.4	8.5	8.4	8.4	8.4	8.4
19	Ammunition	2.6	3.0	3.1	3.5	3.7	3.9	3.9
20	Other nondurable goods	8.9	9.7	9.8	9.9	10.0	10.1	10.0
21	Services	144.3	139.8	142.2	135.9	130.5	130.3	134.8
22	Installation support	31.5	32.4	32.8	32.5	32.3	32.4	33.2
23	Weapons support	26.9	27.3	27.8	26.8	26.0	26.6	27.9
24	Personnel support	74.4	68.2	69.8	65.5	62.6	62.3	64.7
25	Transportation of material	5.6	5.4	5.3	4.8	4.1	3.8	3.8
26	Travel of persons	6.2	6.8	6.8	6.5	5.8	5.4	5.6
27	Less: Own-account investment ⁴	21.2	21.5	21.6	22.0	22.2	22.5	22.6
28	Less: Sales to other sectors	3.4	3.1	3.1	3.1	3.1	3.1	3.2
29	Gross investment ⁵	134.5	135.1	134.4	135.7	139.1	146.2	146.1
30	Structures	3.7	2.9	2.7	2.8	3.6	3.7	2.8
31	Equipment	70.8	70.6	69.6	69.4	70.0	76.2	77.3
32	Aircraft	18.6	17.5	15.9	16.4	17.6	20.4	21.3
33	Missiles	6.2	5.0	5.3	4.2	5.1	5.0	4.9
34	Ships	12.2	12.9	12.9	13.2	11.5	14.2	13.4
35	Vehicles	2.1	2.1	2.1	2.0	1.8	1.9	2.3
36	Electronics	6.3	6.7	6.7	6.7	6.6	6.6	6.7
37	Other equipment	24.9	26.0	26.0	26.3	27.1	27.6	28.5
38	Intellectual property products	60.0	61.7	62.0	63.4	65.3	66.3	66.1
39	Software	8.0	8.4	8.5	8.5	9.0	9.2	9.3
40	Research and development	52.1	53.4	53.7	55.1	56.6	57.3	57.1
41	Residual	-0.3	-0.2	0.0	-0.1	-0.2	-0.7	-0.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts from the rest of the world	3,209.1	3,199.1	3,237.2	3,268.6	3,353.9	3,371.3	---
2	Exports of goods and services	2,264.9	2,214.6	2,248.4	2,241.5	2,295.6	2,314.9	2,347.7
3	Goods ¹	1,497.2	1,446.0	1,473.0	1,467.2	1,515.0	1,520.9	1,543.1
4	Durable	955.3	926.3	928.7	933.9	942.2	946.5	963.6
5	Nondurable	541.9	519.8	544.3	533.3	572.8	574.4	579.5
6	Services ¹	767.7	768.5	775.5	774.3	780.6	794.0	804.6
7	Income receipts	812.9	844.3	848.4	882.1	895.9	914.8	---
8	Wage and salary receipts	6.6	6.5	6.6	6.5	6.6	6.6	---
9	Income receipts on assets	806.3	837.7	841.9	875.5	889.3	908.1	---
10	Interest	153.3	166.3	167.6	176.2	184.7	198.0	---
11	Dividends	328.6	338.5	343.0	344.2	348.2	353.3	---
12	Reinvested earnings on U.S. direct investment abroad	324.5	332.9	331.2	355.1	356.5	356.8	---
13	Current taxes, contributions for government social insurance, and transfer receipts from the rest of the world ²	131.3	140.3	140.4	145.1	162.4	141.7	169.8
14	To persons	96.3	107.1	108.8	108.5	110.2	108.3	114.0
15	To business	1.7	2.9	3.4	3.0	2.2	2.3	2.5
16	To government	33.2	30.3	28.3	33.6	49.9	31.1	53.3
17	Current payments to the rest of the world	3,659.7	3,660.1	3,680.6	3,745.6	3,841.2	3,885.1	---
18	Imports of goods and services	2,789.0	2,735.8	2,741.3	2,805.8	2,878.4	2,882.1	2,879.4
19	Goods ¹	2,290.5	2,224.2	2,225.2	2,285.1	2,353.0	2,350.3	2,343.9
20	Durable	1,489.6	1,466.4	1,466.9	1,498.7	1,521.2	1,546.3	1,563.6
21	Nondurable	800.9	757.9	758.3	786.3	831.7	803.9	780.3
22	Services ¹	498.5	511.6	516.1	520.7	525.5	531.9	535.5
23	Income payments	608.4	647.2	660.1	653.1	681.7	712.4	---
24	Wage and salary payments	18.3	20.1	20.3	20.6	20.0	20.6	---
25	Income payments on assets	590.1	627.0	639.8	632.5	661.6	691.7	---
26	Interest	322.0	350.3	354.0	368.9	383.3	397.1	---
27	Dividends	187.3	178.9	170.0	189.3	178.5	215.3	---
28	Reinvested earnings on foreign direct investment in the United States	80.9	97.8	115.8	74.3	99.8	79.4	---
29	Current taxes and transfer payments to the rest of the world ²	262.3	277.1	279.3	286.7	281.1	290.6	282.2
30	From persons	176.5	187.3	187.6	193.5	190.8	192.4	194.6
31	From government	73.5	74.5	75.2	73.2	75.5	72.7	71.4
32	From business	12.3	15.3	16.5	19.9	14.9	25.4	16.1
33	Balance on current account, NIPAs	-450.6	-460.9	-443.4	-477.0	-487.4	-513.7	---
	Addenda:							
34	Net lending or net borrowing (-), NIPAs	-451.0	-461.4	-443.8	-477.4	-487.7	-514.1	---
35	Balance on current account, NIPAs	-450.6	-460.9	-443.4	-477.0	-487.4	-513.7	---
36	Less: Capital account transactions (net) ³	0.4	0.4	0.4	0.4	0.4	0.4	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	0.4	-0.3	6.4	-3.8	7.3	3.5	2.3
2	Exports of goods ¹	-0.4	0.3	8.1	-3.4	10.8	2.2	1.4
3	Foods, feeds, and beverages	2.0	5.6	137.5	-44.0	3.3	23.7	7.4
4	Industrial supplies and materials	-0.2	1.7	-2.3	-2.7	32.0	1.6	-7.5
5	Durable goods	-4.3	-1.9	11.1	-3.2	-1.1	2.3	16.1
6	Nondurable goods	1.6	3.3	-7.8	-2.5	48.7	1.3	-15.6
7	Petroleum and products	4.9	11.8	-34.0	-11.4	84.6	9.2	-26.1
8	Nondurable goods, excluding petroleum and products	-0.7	-1.4	12.7	2.9	29.5	-3.7	-7.5
9	Capital goods, except automotive	-1.4	-2.6	-1.1	7.2	-3.0	0.8	14.7
10	Civilian aircraft, engines, and parts	2.9	-0.4	-5.6	2.7	-30.3	11.7	24.2
11	Computers, peripherals, and parts	1.0	3.8	-8.9	-6.1	13.9	8.1	21.0
12	Other	-2.9	-4.0	1.6	10.5	6.1	-3.3	10.9
13	Automotive vehicles, engines, and parts	-4.8	-0.3	2.2	-10.3	40.8	-10.2	-9.4
14	Consumer goods, except food and automotive	1.6	0.2	10.9	1.7	19.3	-10.6	-1.9
15	Durable goods	-3.0	0.7	28.9	-1.8	9.4	2.3	-8.4
16	Nondurable goods	7.6	-0.3	-7.1	6.0	32.2	-24.1	6.7
17	Other ²	6.5	7.0	-20.4	32.5	-47.2	67.4	-12.2
18	Exports of services ¹	2.1	-1.5	3.2	-4.6	1.0	6.2	4.1
19	Transport	2.7	-0.7	2.2	-10.8	2.9	4.4	9.0
20	Travel (for all purposes including education)	7.9	-0.6	2.2	-2.6	3.3	14.7	6.3
21	Charges for the use of intellectual property n.e.c.	-4.5	-1.0	-5.3	-8.1	-2.5	-0.9	-5.4
22	Other business services ³	1.0	-1.7	8.0	0.5	-2.5	4.2	5.7
23	Government goods and services n.e.c.	4.6	-7.0	5.7	-47.2	63.6	2.6	-5.2
24	Other	1.1	-12.1	-5.8	-4.5	3.8	6.6	5.1
25	Imports of goods and services	5.0	1.3	2.7	8.1	4.3	1.5	-0.8
26	Imports of goods ¹	5.2	0.9	1.2	9.2	4.7	1.3	-0.5
27	Foods, feeds, and beverages	4.0	1.5	-15.7	8.7	11.3	1.1	0.8
28	Industrial supplies and materials	1.4	2.8	6.5	5.5	0.0	-0.4	-7.3
29	Durable goods	3.3	0.2	13.8	8.9	-1.4	9.1	-8.2
30	Nondurable goods	0.6	4.2	2.8	3.8	0.7	-4.8	-6.8
31	Petroleum and products	1.2	5.4	10.4	-3.7	14.8	-14.8	-14.0
32	Nondurable goods, excluding petroleum and products	-0.4	2.5	-6.3	14.7	-18.0	14.0	4.4
33	Capital goods, except automotive	4.1	0.6	1.5	7.6	11.1	10.9	13.4
34	Civilian aircraft, engines, and parts	2.4	-10.0	-37.0	-9.8	9.4	10.3	1.5
35	Computers, peripherals, and parts	1.1	-1.8	6.9	5.5	1.5	29.4	59.7
36	Other	5.2	2.7	5.9	10.3	14.0	6.5	4.0
37	Automotive vehicles, engines, and parts	8.4	1.1	6.0	5.6	12.8	-7.9	-1.2
38	Consumer goods, except food and automotive	7.7	-1.5	-0.4	11.3	3.9	-1.1	-6.8
39	Durable goods	7.0	-0.8	10.3	15.2	5.2	8.0	-3.6
40	Nondurable goods	8.5	-2.2	-10.9	7.1	2.5	-10.4	-10.3
41	Other	9.1	5.0	-4.4	33.4	-26.3	2.3	-8.5
42	Imports of services ¹	4.0	3.1	9.0	3.2	2.5	2.2	-2.1
43	Transport	4.6	4.6	2.2	-0.1	11.0	1.8	-4.9
44	Travel (for all purposes including education)	12.9	9.7	12.5	11.1	3.3	0.6	-5.8
45	Charges for the use of intellectual property n.e.c.	-5.5	10.2	75.7	-22.6	7.2	8.9	12.3
46	Other business services ³	1.7	-1.7	1.2	5.9	-3.1	3.0	-0.6
47	Government goods and services n.e.c.	0.2	-1.7	-4.1	13.3	10.3	-9.1	-11.6
48	Other	6.3	2.8	1.0	-4.3	2.8	4.0	1.5
	Addenda:							
49	Exports of durable goods	-2.3	-1.4	3.2	2.5	2.7	0.9	6.8
50	Exports of nondurable goods	2.8	3.5	17.0	-12.9	26.0	4.4	-6.9

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	1.9	5.0	139.8	-40.8	6.9	18.1	4.4
52	Exports of nonagricultural goods	-0.6	-0.2	-1.2	2.2	11.2	0.6	1.1
53	Imports of durable goods	5.8	0.5	5.3	9.8	7.0	5.0	2.9
54	Imports of nondurable goods	4.1	1.4	-6.2	8.1	0.5	-5.3	-6.9
55	Imports of nonpetroleum goods	5.7	0.5	0.5	10.3	3.8	3.1	0.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Exports of goods and services	0.4	-0.3	6.4	-3.8	7.3	3.5	2.3
	Percentage points at annual rates:							
2	Exports of goods ¹	-0.27	0.20	5.22	-2.24	6.98	1.48	0.93
3	Foods, feeds, and beverages	0.11	0.31	5.45	-3.60	0.21	1.27	0.44
4	Industrial supplies and materials	-0.03	0.31	-0.42	-0.50	5.27	0.31	-1.47
5	Durable goods	-0.26	-0.11	0.58	-0.17	-0.05	0.13	0.82
6	Nondurable goods	0.22	0.41	-0.99	-0.33	5.32	0.19	-2.29
7	Petroleum and products	0.28	0.52	-1.91	-0.55	3.20	0.49	-1.67
8	Nondurable goods, excluding petroleum and products	-0.06	-0.11	0.92	0.23	2.12	-0.30	-0.62
9	Capital goods, except automotive	-0.33	-0.61	-0.23	1.61	-0.66	0.19	3.15
10	Civilian aircraft, engines, and parts	0.14	-0.02	-0.31	0.15	-1.89	0.57	1.14
11	Computers, peripherals, and parts	0.02	0.08	-0.19	-0.12	0.25	0.15	0.38
12	Other	-0.49	-0.67	0.27	1.58	0.97	-0.53	1.62
13	Automotive vehicles, engines, and parts	-0.33	-0.02	0.16	-0.72	2.37	-0.74	-0.66
14	Consumer goods, except food and automotive	0.14	0.02	0.92	0.15	1.57	-0.96	-0.16
15	Durable goods	-0.14	0.03	1.21	-0.08	0.43	0.11	-0.41
16	Nondurable goods	0.28	-0.01	-0.29	0.23	1.13	-1.07	0.24
17	Other ²	0.17	0.19	-0.66	0.82	-1.78	1.41	-0.37
18	Exports of services ¹	0.68	-0.53	1.13	-1.60	0.35	2.05	1.39
19	Transport	0.10	-0.03	0.09	-0.43	0.11	0.16	0.32
20	Travel (for all purposes including education)	0.66	-0.05	0.21	-0.24	0.31	1.28	0.57
21	Charges for the use of intellectual property n.e.c.	-0.25	-0.06	-0.31	-0.46	-0.13	-0.05	-0.29
22	Other business services ³	0.13	-0.24	1.14	0.09	-0.36	0.59	0.80
23	Government goods and services n.e.c.	0.04	-0.06	0.05	-0.53	0.41	0.02	-0.05
24	Other	0.01	-0.09	-0.04	-0.03	0.03	0.05	0.04
	Percent change at annual rate:							
25	Imports of goods and services	5.0	1.3	2.7	8.1	4.3	1.5	-0.8
	Percentage points at annual rates:							
26	Imports of goods ¹	4.26	0.70	1.02	7.44	3.82	1.08	-0.41
27	Foods, feeds, and beverages	0.18	0.07	-0.81	0.42	0.52	0.05	0.04
28	Industrial supplies and materials	0.29	0.47	1.02	0.94	0.02	-0.06	-1.29
29	Durable goods	0.19	0.01	0.73	0.52	-0.08	0.51	-0.52
30	Nondurable goods	0.10	0.46	0.29	0.42	0.09	-0.58	-0.77
31	Petroleum and products	0.12	0.34	0.59	-0.23	0.98	-1.16	-0.97
32	Nondurable goods, excluding petroleum and products	-0.02	0.12	-0.29	0.65	-0.89	0.59	0.20
33	Capital goods, except automotive	0.88	0.13	0.33	1.65	2.29	2.25	2.81
34	Civilian aircraft, engines, and parts	0.05	-0.20	-0.87	-0.17	0.15	0.17	0.03
35	Computers, peripherals, and parts	0.05	-0.08	0.28	0.23	0.07	1.09	2.17
36	Other	0.78	0.41	0.92	1.59	2.07	0.99	0.62
37	Automotive vehicles, engines, and parts	0.99	0.13	0.76	0.73	1.54	-1.04	-0.15
38	Consumer goods, except food and automotive	1.55	-0.32	-0.08	2.34	0.82	-0.22	-1.45
39	Durable goods	0.75	-0.10	1.10	1.63	0.57	0.85	-0.41
40	Nondurable goods	0.81	-0.23	-1.17	0.71	0.25	-1.07	-1.04
41	Other	0.37	0.22	-0.20	1.36	-1.36	0.10	-0.38
42	Imports of services ¹	0.70	0.57	1.63	0.63	0.47	0.40	-0.39
43	Transport	0.16	0.16	0.08	0.00	0.37	0.06	-0.17
44	Travel (for all purposes including education)	0.48	0.40	0.54	0.49	0.15	0.03	-0.27
45	Charges for the use of intellectual property n.e.c.	-0.08	0.15	0.94	-0.43	0.11	0.14	0.20
46	Other business services ³	0.13	-0.14	0.10	0.47	-0.25	0.23	-0.05
47	Government goods and services n.e.c.	0.00	-0.01	-0.03	0.10	0.08	-0.07	-0.10
48	Other	0.01	0.01	0.00	-0.01	0.01	0.01	0.00

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	133.967	133.527	135.115	133.799	136.187	137.374	138.163
2	Exports of goods ¹	135.491	135.900	137.753	136.558	140.105	140.869	141.356
3	Foods, feeds, and beverages	122.351	129.170	149.757	129.536	130.606	137.730	140.226
4	Industrial supplies and materials	134.863	137.170	137.450	136.502	146.316	146.899	144.076
5	Durable goods	121.726	119.389	121.215	120.243	119.910	120.605	125.184
6	Nondurable goods	140.645	145.355	144.799	143.871	158.860	159.382	152.774
7	Petroleum and products	179.626	200.790	195.039	189.222	220.573	225.477	209.033
8	Nondurable goods, excluding petroleum and products	119.062	117.412	118.643	119.505	127.489	126.296	123.874
9	Capital goods, except automotive	136.191	132.701	131.934	134.233	133.223	133.487	138.149
10	Civilian aircraft, engines, and parts	135.396	134.903	135.284	136.186	124.444	127.936	135.070
11	Computers, peripherals, and parts	145.871	151.411	149.890	147.554	152.447	155.431	163.016
12	Other	134.570	129.122	128.076	131.321	133.291	132.163	135.631
13	Automotive vehicles, engines, and parts	176.880	176.392	178.437	173.642	189.143	184.127	179.642
14	Consumer goods, except food and automotive	133.080	133.371	134.346	134.901	140.979	137.076	136.405
15	Durable goods	142.173	143.182	147.788	147.136	150.463	151.303	148.002
16	Nondurable goods	124.254	123.820	121.128	122.895	131.789	123.016	125.019
17	Other ²	107.931	115.469	111.579	119.705	102.051	116.086	112.358
18	Exports of services ¹	130.731	128.736	129.835	128.305	128.617	130.551	131.875
19	Transport	121.718	120.895	122.821	119.370	120.214	121.512	124.164
20	Travel (for all purposes including education)	150.313	149.451	149.787	148.807	150.011	155.238	157.624
21	Charges for the use of intellectual property n.e.c.	115.311	114.160	114.174	111.774	111.080	110.830	109.295
22	Other business services ³	134.134	131.903	133.291	133.458	132.618	133.992	135.853
23	Government goods and services n.e.c.	96.008	89.331	96.659	82.387	93.180	93.780	92.544
24	Other	103.587	91.016	90.213	89.169	90.002	91.450	92.591
25	Imports of goods and services	134.751	136.463	136.275	138.942	140.407	140.924	140.641
26	Imports of goods ¹	138.411	139.595	139.057	142.157	143.794	144.268	144.084
27	Foods, feeds, and beverages	123.014	124.828	121.278	123.845	127.208	127.565	127.806
28	Industrial supplies and materials	101.857	104.735	105.632	107.053	107.047	106.953	104.941
29	Durable goods	156.495	156.876	158.754	162.161	161.590	165.148	161.632
30	Nondurable goods	90.329	94.090	94.723	95.600	95.759	94.593	92.943
31	Petroleum and products	81.894	86.278	87.831	86.998	90.060	86.517	83.307
32	Nondurable goods, excluding petroleum and products	120.467	123.535	122.528	126.806	120.678	124.693	126.039
33	Capital goods, except automotive	172.311	173.344	173.901	177.124	181.858	186.642	192.620
34	Civilian aircraft, engines, and parts	150.848	135.779	132.174	128.814	131.745	135.025	135.536
35	Computers, peripherals, and parts	144.832	142.158	143.026	144.960	145.516	155.204	174.468
36	Other	184.239	189.144	190.259	194.987	201.472	204.678	206.687
37	Automotive vehicles, engines, and parts	214.245	216.500	216.117	219.101	225.785	221.164	220.492
38	Consumer goods, except food and automotive	135.488	133.475	132.092	135.675	136.982	136.620	134.243
39	Durable goods	144.961	143.743	143.166	148.311	150.209	153.120	151.714
40	Nondurable goods	125.456	122.707	120.583	122.676	123.426	120.093	116.862
41	Other	141.091	148.126	143.385	154.083	142.785	143.600	140.452
42	Imports of services ¹	119.441	123.202	124.354	125.325	126.110	126.794	126.127
43	Transport	124.694	130.442	131.349	131.304	134.786	135.405	133.724
44	Travel (for all purposes including education)	135.261	148.438	149.891	153.887	155.132	155.360	153.043
45	Charges for the use of intellectual property n.e.c.	116.129	128.012	139.817	131.154	133.446	136.309	140.320
46	Other business services ³	119.247	117.242	116.713	118.410	117.468	118.352	118.174
47	Government goods and services n.e.c.	74.266	73.008	72.154	74.441	76.288	74.488	72.226
48	Other	98.255	101.034	101.518	100.421	101.125	102.116	102.505
	Addenda:							
49	Exports of durable goods	138.187	136.193	136.606	137.455	138.382	138.693	140.989
50	Exports of nondurable goods	131.160	135.705	140.082	135.316	143.361	144.903	142.317

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	122.479	128.612	148.843	130.548	132.743	138.366	139.873
52	Exports of nonagricultural goods	136.928	136.685	136.440	137.183	140.881	141.096	141.468
53	Imports of durable goods	169.847	170.772	170.762	174.806	177.778	179.978	181.274
54	Imports of nondurable goods	105.209	106.729	105.529	107.597	107.739	106.284	104.402
55	Imports of nonpetroleum goods	154.857	155.597	154.719	158.572	160.047	161.255	161.555

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	106.481	104.458	104.813	105.516	106.168	106.136	107.026
2	Exports of goods ¹	103.746	99.900	100.399	100.877	101.526	101.370	102.496
3	Foods, feeds, and beverages	111.172	107.628	108.996	106.939	108.601	108.058	109.377
4	Industrial supplies and materials	105.448	96.055	97.364	100.400	102.925	101.820	104.836
5	Durable goods	108.259	104.149	104.420	105.483	107.686	107.565	107.998
6	Nondurable goods	104.716	93.125	94.841	98.690	101.345	99.876	103.887
7	Petroleum and products	101.734	82.037	85.952	93.172	95.868	94.750	101.630
8	Nondurable goods, excluding petroleum and products	110.668	104.349	104.641	106.336	109.059	107.269	109.244
9	Capital goods, except automotive	101.233	100.061	99.933	99.744	99.633	100.030	100.002
10	Civilian aircraft, engines, and parts	118.051	119.929	120.051	120.834	123.309	124.164	125.090
11	Computers, peripherals, and parts	85.147	78.908	78.075	77.098	76.475	77.116	76.900
12	Other	99.452	98.210	98.121	97.779	97.064	97.305	97.056
13	Automotive vehicles, engines, and parts	105.109	104.284	104.124	104.067	104.470	104.487	104.571
14	Consumer goods, except food and automotive	99.364	97.155	97.536	96.670	95.022	95.578	96.296
15	Durable goods	98.830	96.846	96.811	96.005	95.285	95.563	96.034
16	Nondurable goods	99.647	97.182	98.046	97.106	94.363	95.250	96.269
17	Other ²	105.697	102.225	102.869	103.419	104.125	103.914	105.307
18	Exports of services ¹	112.365	114.228	114.282	115.475	116.130	116.373	116.743
19	Transport	115.737	112.148	110.037	114.451	114.352	112.700	111.762
20	Travel (for all purposes including education)	113.977	114.925	114.738	116.386	117.065	116.685	116.527
21	Charges for the use of intellectual property n.e.c.	109.667	110.782	111.019	111.520	112.222	112.447	112.932
22	Other business services ³	111.180	114.616	115.226	115.548	116.333	117.385	118.309
23	Government goods and services n.e.c.	104.674	105.640	106.071	105.718	106.269	107.172	108.262
24	Other	133.844	156.806	159.226	162.840	164.709	166.752	168.617
25	Imports of goods and services	104.364	101.090	101.439	101.835	103.381	103.134	103.244
26	Imports of goods ¹	104.060	100.193	100.630	101.085	102.904	102.448	102.301
27	Foods, feeds, and beverages	126.331	126.698	129.802	130.633	128.321	130.691	132.908
28	Industrial supplies and materials	103.111	89.817	91.654	94.072	103.944	100.504	98.833
29	Durable goods	106.664	101.782	103.310	103.610	107.609	109.764	112.015
30	Nondurable goods	98.529	81.926	83.836	87.108	99.262	93.435	90.041
31	Petroleum and products	89.960	69.108	71.001	75.916	93.082	83.487	79.380
32	Nondurable goods, excluding petroleum and products	107.560	99.807	101.501	101.482	103.194	105.004	103.117
33	Capital goods, except automotive	94.140	91.595	91.411	90.943	90.193	90.520	90.895
34	Civilian aircraft, engines, and parts	119.293	120.029	120.046	120.437	121.977	122.010	122.308
35	Computers, peripherals, and parts	88.167	85.556	85.353	84.852	85.294	85.933	86.108
36	Other	93.941	91.093	90.894	90.364	89.097	89.361	89.803
37	Automotive vehicles, engines, and parts	102.633	101.859	101.763	101.991	101.438	101.678	101.498
38	Consumer goods, except food and automotive	102.431	102.025	101.811	101.753	102.023	102.039	102.056
39	Durable goods	95.967	94.559	94.444	94.105	93.438	93.233	93.361
40	Nondurable goods	110.329	111.207	110.864	111.175	112.693	113.012	112.872
41	Other	106.937	106.403	106.842	106.969	107.121	107.922	108.262
42	Imports of services ¹	106.220	105.686	105.633	105.762	106.055	106.772	108.066
43	Transport	121.372	115.745	114.315	116.953	117.258	116.470	117.323
44	Travel (for all purposes including education)	104.169	102.282	102.300	101.279	101.042	103.198	105.144
45	Charges for the use of intellectual property n.e.c.	109.666	110.805	111.011	111.512	112.214	112.439	112.924
46	Other business services ³	102.660	104.312	104.558	104.514	105.091	105.475	106.400
47	Government goods and services n.e.c.	92.413	93.730	95.132	92.822	92.704	95.361	99.945
48	Other	112.362	112.410	112.156	113.572	113.683	113.482	113.955
	Addenda:							
49	Exports of durable goods	102.923	101.262	101.216	101.155	101.367	101.605	101.759
50	Exports of nondurable goods	105.012	97.340	98.786	100.192	101.580	100.779	103.516

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	111.664	107.798	109.156	107.212	108.879	108.218	109.273
52	Exports of nonagricultural goods	102.948	99.105	99.512	100.249	100.798	100.693	101.827
53	Imports of durable goods	98.127	96.071	96.112	95.927	95.738	96.127	96.510
54	Imports of nondurable goods	109.291	101.952	103.166	104.923	110.837	108.600	107.301
55	Imports of nonpetroleum goods	102.205	100.326	100.586	100.527	100.559	101.135	101.415

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	2,264.9	2,214.6	2,248.4	2,241.5	2,295.6	2,314.9	2,347.7
2	Exports of goods ¹	1,497.2	1,446.0	1,473.0	1,467.2	1,515.0	1,520.9	1,543.1
3	Foods, feeds, and beverages	127.7	130.6	153.2	130.0	133.1	139.7	143.9
4	Industrial supplies and materials	417.4	386.8	392.9	402.4	442.2	439.2	443.5
5	Durable goods	126.5	119.3	121.5	121.7	123.9	124.5	129.8
6	Nondurable goods	291.0	267.4	271.4	280.7	318.2	314.6	313.7
7	Petroleum and products	109.9	99.0	100.8	106.0	127.1	128.5	127.7
8	Nondurable goods, excluding petroleum and products	181.1	168.4	170.6	174.6	191.1	186.2	186.0
9	Capital goods, except automotive	539.8	519.8	516.2	524.2	519.7	522.8	540.9
10	Civilian aircraft, engines, and parts	119.5	120.9	121.4	123.0	114.7	118.7	126.3
11	Computers, peripherals, and parts	46.8	45.1	44.1	42.9	43.9	45.2	47.3
12	Other	373.4	353.8	350.7	358.3	361.0	358.8	367.3
13	Automotive vehicles, engines, and parts	151.9	150.3	151.8	147.7	161.5	157.2	153.5
14	Consumer goods, except food and automotive	197.4	193.4	195.6	194.7	200.0	195.6	196.1
15	Durable goods	105.8	104.4	107.7	106.4	107.9	108.9	107.0
16	Nondurable goods	91.6	89.1	87.9	88.3	92.0	86.7	89.1
17	Other ²	62.9	65.1	63.3	68.3	58.6	66.5	65.3
18	Exports of services ¹	767.7	768.5	775.5	774.3	780.6	794.0	804.6
19	Transport	87.6	84.3	84.1	85.0	85.5	85.2	86.3
20	Travel (for all purposes including education)	205.4	205.9	206.1	207.7	210.6	217.2	220.2
21	Charges for the use of intellectual property n.e.c.	124.4	124.5	124.7	122.7	122.7	122.6	121.5
22	Other business services ³	314.5	318.8	323.9	325.2	325.3	331.7	338.9
23	Government goods and services n.e.c.	19.9	18.7	20.3	17.3	19.6	19.9	19.9
24	Other	15.8	16.3	16.4	16.6	16.9	17.4	17.8
25	Imports of goods and services	2,789.0	2,735.8	2,741.3	2,805.8	2,878.4	2,882.1	2,879.4
26	Imports of goods ¹	2,290.5	2,224.2	2,225.2	2,285.1	2,353.0	2,350.3	2,343.9
27	Foods, feeds, and beverages	128.8	131.0	130.5	134.1	135.3	138.2	140.8
28	Industrial supplies and materials	487.7	436.8	449.3	467.4	516.4	498.8	481.3
29	Durable goods	159.4	152.5	156.6	160.4	166.0	173.1	172.8
30	Nondurable goods	328.3	284.3	292.7	307.0	350.4	325.8	308.5
31	Petroleum and products	197.2	159.6	166.9	176.8	224.4	193.4	177.0
32	Nondurable goods, excluding petroleum and products	131.0	124.7	125.8	130.1	125.9	132.4	131.4
33	Capital goods, except automotive	606.8	593.9	594.7	602.6	613.6	632.0	655.0
34	Civilian aircraft, engines, and parts	55.2	50.0	48.7	47.6	49.3	50.6	50.9
35	Computers, peripherals, and parts	120.3	114.5	115.0	115.8	116.9	125.6	141.5
36	Other	431.3	429.4	431.0	439.2	447.4	455.9	462.6
37	Automotive vehicles, engines, and parts	350.0	351.1	350.1	355.7	364.6	358.0	356.3
38	Consumer goods, except food and automotive	596.6	585.4	578.1	593.4	600.7	599.2	588.9
39	Durable goods	313.1	305.9	304.3	314.1	315.9	321.3	318.8
40	Nondurable goods	283.5	279.5	273.8	279.3	284.9	278.0	270.2
41	Other	120.7	126.1	122.5	131.8	122.3	124.0	121.6
42	Imports of services ¹	498.5	511.6	516.1	520.7	525.5	531.9	535.5
43	Transport	97.1	96.8	96.3	98.5	101.4	101.1	100.6
44	Travel (for all purposes including education)	114.7	123.6	124.9	126.9	127.6	130.6	131.0
45	Charges for the use of intellectual property n.e.c.	39.9	44.4	48.6	45.8	46.9	48.0	49.6
46	Other business services ³	218.5	218.3	217.8	220.9	220.3	222.8	224.4
47	Government goods and services n.e.c.	21.6	21.5	21.6	21.7	22.3	22.3	22.7
48	Other	6.7	6.9	6.9	6.9	7.0	7.0	7.1
	Addenda:							
49	Exports of durable goods	955.3	926.3	928.7	933.9	942.2	946.5	963.6
50	Exports of nondurable goods	541.9	519.8	544.3	533.3	572.8	574.4	579.5

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	138.1	140.0	163.9	141.2	145.8	151.1	154.2
52	Exports of nonagricultural goods	1,359.1	1,306.0	1,309.0	1,325.9	1,369.1	1,369.8	1,388.9
53	Imports of durable goods	1,489.6	1,466.4	1,466.9	1,498.7	1,521.2	1,546.3	1,563.6
54	Imports of nondurable goods	800.9	757.9	758.3	786.3	831.7	803.9	780.3
55	Imports of nonpetroleum goods	2,093.3	2,064.6	2,058.2	2,108.3	2,128.5	2,156.9	2,166.9

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	2,127.1	2,120.1	2,145.3	2,124.4	2,162.3	2,181.1	2,193.7
2	Exports of goods ¹	1,443.1	1,447.5	1,467.2	1,454.5	1,492.3	1,500.4	1,505.6
3	Foods, feeds, and beverages	114.9	121.3	140.6	121.6	122.7	129.3	131.7
4	Industrial supplies and materials	395.9	402.6	403.5	400.7	429.5	431.2	422.9
5	Durable goods	116.8	114.6	116.3	115.4	115.1	115.7	120.1
6	Nondurable goods	277.9	287.2	286.1	284.2	313.9	314.9	301.8
7	Petroleum and products	108.0	120.7	117.3	113.8	132.6	135.6	125.7
8	Nondurable goods, excluding petroleum and products	163.6	161.4	163.1	164.3	175.2	173.6	170.3
9	Capital goods, except automotive	533.2	519.5	516.5	525.5	521.6	522.6	540.8
10	Civilian aircraft, engines, and parts	101.2	100.8	101.1	101.8	93.0	95.6	101.0
11	Computers, peripherals, and parts ²	55.0	57.1	56.5	55.7	57.5	58.6	61.5
12	Other	375.5	360.3	357.4	366.4	371.9	368.8	378.4
13	Automotive vehicles, engines, and parts	144.5	144.1	145.8	141.9	154.6	150.5	146.8
14	Consumer goods, except food and automotive	198.7	199.1	200.6	201.4	210.5	204.6	203.6
15	Durable goods	107.0	107.8	111.3	110.8	113.3	113.9	111.4
16	Nondurable goods	92.0	91.6	89.6	91.0	97.5	91.0	92.5
17	Other ³	59.5	63.7	61.6	66.0	56.3	64.0	62.0
18	Exports of services ¹	683.2	672.8	678.5	670.6	672.2	682.3	689.2
19	Transport	75.7	75.2	76.4	74.2	74.8	75.6	77.2
20	Travel (for all purposes including education)	180.2	179.2	179.6	178.4	179.9	186.1	189.0
21	Charges for the use of intellectual property n.e.c.	113.5	112.3	112.4	110.0	109.3	109.1	107.6
22	Other business services ⁴	282.9	278.2	281.1	281.5	279.7	282.6	286.5
23	Government goods and services n.e.c.	19.0	17.7	19.2	16.3	18.5	18.6	18.4
24	Other	11.8	10.4	10.3	10.2	10.3	10.4	10.5
25	Residual	-170.9	-182.7	-179.2	-177.3	-220.6	-217.2	-197.8
26	Imports of goods and services	2,672.4	2,706.3	2,702.6	2,755.5	2,784.5	2,794.8	2,789.2
27	Imports of goods ¹	2,201.1	2,220.0	2,211.4	2,260.7	2,286.7	2,294.3	2,291.4
28	Foods, feeds, and beverages	101.9	103.4	100.5	102.6	105.4	105.7	105.9
29	Industrial supplies and materials	473.0	486.3	490.5	497.1	497.1	496.6	487.3
30	Durable goods	149.5	149.8	151.6	154.9	154.3	157.7	154.4
31	Nondurable goods	333.2	347.0	349.4	352.6	353.2	348.9	342.8
32	Petroleum and products	219.2	231.0	235.1	232.9	241.1	231.6	223.0
33	Nondurable goods, excluding petroleum and products	121.8	124.9	123.9	128.2	122.1	126.1	127.5
34	Capital goods, except automotive	644.5	648.4	650.5	662.5	680.3	698.1	720.5
35	Civilian aircraft, engines, and parts	46.3	41.7	40.6	39.5	40.4	41.4	41.6
36	Computers, peripherals, and parts ²	136.4	133.9	134.7	136.5	137.0	146.2	164.3
37	Other	459.1	471.3	474.1	485.9	502.1	510.0	515.1
38	Automotive vehicles, engines, and parts	341.1	344.6	344.0	348.8	359.4	352.1	351.0
39	Consumer goods, except food and automotive	582.4	573.7	567.8	583.2	588.8	587.3	577.0
40	Durable goods	326.2	323.5	322.2	333.8	338.0	344.6	341.4
41	Nondurable goods	257.0	251.3	247.0	251.3	252.8	246.0	239.4
42	Other	112.9	118.5	114.7	123.2	114.2	114.9	112.3
43	Imports of services ¹	469.3	484.0	488.6	492.4	495.5	498.2	495.5
44	Transport	80.0	83.7	84.2	84.2	86.4	86.8	85.8
45	Travel (for all purposes including education)	110.1	120.9	122.0	125.3	126.3	126.5	124.6
46	Charges for the use of intellectual property n.e.c.	36.3	40.1	43.8	41.0	41.8	42.7	43.9
47	Other business services ⁴	212.8	209.3	208.3	211.4	209.7	211.2	210.9
48	Government goods and services n.e.c.	23.4	23.0	22.7	23.4	24.0	23.4	22.7
49	Other	6.0	6.1	6.2	6.1	6.2	6.2	6.2
50	Residual	-67.6	-70.6	-73.1	-73.6	-76.7	-78.4	-80.8
	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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
51	Exports of durable goods	928.1	914.7	917.5	923.2	929.4	931.5	947.0
52	Exports of nondurable goods	516.1	534.0	551.2	532.4	564.1	570.2	560.0
53	Exports of agricultural goods ⁵	123.7	129.9	150.3	131.8	134.0	139.7	141.2
54	Exports of nonagricultural goods	1,320.2	1,317.8	1,315.5	1,322.6	1,358.3	1,360.4	1,363.9
55	Imports of durable goods	1,518.1	1,526.3	1,526.2	1,562.4	1,588.9	1,608.6	1,620.2
56	Imports of nondurable goods	732.8	743.4	735.0	749.4	750.4	740.3	727.2
57	Imports of nonpetroleum goods	2,048.1	2,057.9	2,046.3	2,097.3	2,116.8	2,132.7	2,136.7

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Gross saving	3,507.0	3,353.2	3,401.8	3,292.2	3,362.7	3,377.3	---
2	Net saving	665.5	436.5	474.1	342.3	376.6	356.6	---
3	Net private saving	1,398.5	1,301.1	1,315.4	1,218.2	1,209.2	1,195.1	---
4	Domestic business	570.1	620.6	637.7	706.6	654.6	649.6	---
5	Undistributed corporate profits	611.2	706.0	716.1	808.3	822.4	780.5	---
6	Inventory valuation adjustment, corporate	52.4	2.7	7.3	-17.5	-75.0	-33.6	---
7	Capital consumption adjustment, corporate	-93.5	-88.2	-85.7	-84.2	-92.8	-97.4	-98.4
8	Households and institutions	828.4	680.6	677.7	511.5	554.6	545.6	494.8
9	Personal saving	828.4	680.6	677.7	511.5	554.6	545.6	494.8
10	Net government saving	-733.0	-864.7	-841.3	-875.9	-832.6	-838.5	---
11	Federal	-586.7	-697.3	-679.1	-714.0	-652.8	-633.4	---
12	State and local	-146.4	-167.4	-162.2	-161.9	-179.8	-205.2	---
13	Consumption of fixed capital	2,841.5	2,916.7	2,927.6	2,950.0	2,986.2	3,020.7	3,053.6
14	Private	2,319.6	2,390.5	2,400.7	2,421.2	2,452.5	2,484.0	2,513.2
15	Domestic business	1,846.9	1,895.3	1,900.9	1,914.3	1,940.9	1,964.2	1,985.1
16	Households and institutions	472.7	495.3	499.8	506.9	511.6	519.8	528.1
17	Government	521.9	526.2	526.9	528.8	533.6	536.7	540.4
18	Federal	271.3	271.3	271.3	271.6	272.8	273.6	274.2
19	State and local	250.6	254.9	255.6	257.2	260.8	263.2	266.3
20	Gross domestic investment, capital account transactions, and net lending, NIPAs	3,251.1	3,206.0	3,206.5	3,257.8	3,260.3	3,282.0	---
21	Gross domestic investment	3,701.7	3,666.9	3,649.9	3,734.9	3,747.7	3,795.7	3,851.3
22	Gross private domestic investment	3,093.6	3,057.2	3,048.0	3,126.2	3,128.7	3,178.1	3,241.0
23	Domestic business	2,412.1	2,320.6	2,313.7	2,371.6	2,366.3	2,422.0	2,488.7
24	Households and institutions	681.5	736.6	734.3	754.6	762.4	756.1	752.3
25	Gross government investment	608.1	609.7	602.0	608.7	618.9	617.5	610.3
26	Federal	264.0	267.0	266.3	269.5	276.4	285.0	282.8
27	State and local	344.1	342.7	335.6	339.2	342.5	332.5	327.5
28	Capital account transactions (net) ¹	0.4	0.4	0.4	0.4	0.4	0.4	---
29	Private	38.5	17.3	11.1	6.2	8.2	9.4	---
30	Domestic business	26.4	12.0	-1.2	14.6	24.6	-2.0	---
31	Households and institutions	12.1	5.4	12.3	-8.3	-16.4	11.4	---
32	Government	-38.1	-16.9	-10.7	-5.9	-7.8	-9.0	60.5
33	Federal	20.6	45.0	52.7	54.6	53.7	54.0	128.1
34	State and local	-58.7	-61.9	-63.4	-60.5	-61.5	-63.0	-67.7
35	Net lending or net borrowing (-), NIPAs	-451.0	-461.4	-443.8	-477.4	-487.7	-514.1	---
36	Private	330.1	470.0	461.8	472.5	422.4	396.2	---
37	Domestic business	-277.4	36.1	30.9	200.3	102.2	98.4	---
38	Households and institutions	607.5	433.9	430.9	272.2	320.2	297.8	---
39	Government	-781.1	-931.4	-905.6	-949.9	-910.2	-910.4	---
40	Federal	-600.0	-738.0	-726.8	-766.5	-710.0	-698.9	---
41	State and local	-181.2	-193.4	-178.8	-183.4	-200.1	-211.5	---
42	Statistical discrepancy	-255.9	-147.2	-195.2	-34.4	-102.4	-95.4	---
	Addenda:							
43	Gross private saving	3,718.1	3,691.7	3,716.1	3,639.3	3,661.7	3,679.1	---
44	Domestic business	2,417.0	2,515.9	2,538.7	2,620.9	2,595.6	2,613.8	---
45	Households and institutions	1,301.1	1,175.8	1,177.5	1,018.4	1,066.2	1,065.4	1,022.9
46	Gross government saving	-211.1	-338.5	-314.4	-347.1	-299.0	-301.8	---
47	Federal	-315.3	-426.0	-407.7	-442.4	-380.0	-359.8	---
48	State and local	104.2	87.5	93.4	95.3	80.9	58.0	---
49	Net domestic investment	860.2	750.2	722.3	784.9	761.5	775.0	797.7
50	Private	774.0	666.7	647.3	705.0	676.2	694.2	727.8

Table 5.1. Saving and Investment by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
51	Domestic business	565.2	425.4	412.8	457.3	425.4	457.8	503.7
52	Households and institutions	208.8	241.3	234.5	247.7	250.8	236.4	224.2
53	Government	86.2	83.5	75.1	79.9	85.3	80.8	69.9
54	Federal	-7.3	-4.3	-5.0	-2.1	3.5	11.5	8.6
55	State and local	93.5	87.8	80.0	82.0	81.8	69.3	61.3
56	Gross saving as a percentage of gross national income	18.9	17.7	17.8	17.2	17.4	17.3	---
57	Net saving as a percentage of gross national income	3.6	2.3	2.5	1.8	1.9	1.8	---
58	Disaster losses ²	0.0	0.0	0.0	0.0	0.0	0.0	525.8
59	Private	0.0	0.0	0.0	0.0	0.0	0.0	484.0
60	Domestic business	0.0	0.0	0.0	0.0	0.0	0.0	144.0
61	Households and institutions	0.0	0.0	0.0	0.0	0.0	0.0	340.0
62	Government	0.0	0.0	0.0	0.0	0.0	0.0	41.8
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	41.8

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	3.9	0.7	1.5	1.7	8.1	3.2	1.5
2	Nonresidential	2.3	-0.6	3.4	0.2	7.2	6.7	3.9
3	Structures	-1.8	-4.1	14.3	-2.2	14.8	7.0	-5.2
4	Commercial and health care	10.6	14.6	31.1	8.9	2.0	-0.4	-8.8
5	Manufacturing	33.8	-6.4	6.3	-27.1	1.7	-17.9	-33.5
6	Power and communication	-3.4	4.6	15.7	-4.7	-16.1	-12.8	-3.4
7	Mining exploration, shafts, and wells ¹	-28.5	-43.2	0.1	0.5	272.1	116.3	21.7
8	Other structures ²	10.5	7.4	1.6	1.8	-1.8	-3.8	-3.5
9	Equipment	3.5	-3.4	-2.1	1.8	4.4	8.8	8.6
10	Information processing equipment	4.3	1.8	6.5	2.9	8.0	10.6	13.0
11	Computers and peripheral equipment	-3.5	-3.6	-1.0	-3.1	3.5	43.9	35.9
12	Other ³	7.3	3.7	9.0	4.8	9.5	1.7	6.0
13	Industrial equipment	1.1	2.3	2.3	5.5	7.7	11.7	5.5
14	Transportation equipment	10.4	-7.3	-13.6	-3.5	-2.7	1.0	6.9
15	Other equipment ⁴	-2.6	-9.8	-2.1	3.2	5.5	13.4	8.1
16	Intellectual property products	3.8	6.3	4.2	-0.4	5.7	3.7	4.3
17	Software ⁵	5.6	7.1	6.4	2.1	4.8	6.8	6.7
18	Research and development ⁶	1.4	6.5	1.0	-4.2	7.8	1.2	2.3
19	Entertainment, literary, and artistic originals	5.4	2.1	7.9	4.2	1.9	0.5	1.7
20	Residential	10.2	5.5	-4.5	7.1	11.1	-7.3	-6.0
21	Structures	10.3	5.5	-4.7	7.1	11.2	-7.5	-6.1
22	Permanent site	11.8	5.7	-10.1	12.2	10.8	1.4	-1.0
23	Single family	11.5	4.9	-13.4	14.0	10.6	2.4	1.1
24	Multifamily	13.5	9.0	4.2	5.3	11.8	-2.9	-9.3
25	Other structures ⁷	9.1	5.2	-0.4	3.3	11.5	-13.8	-10.1
26	Equipment	7.9	7.1	7.5	8.6	7.2	2.4	0.9
	Addenda:							
27	Private fixed investment in structures	4.4	1.1	3.0	3.0	12.7	-1.5	-5.7
28	Private fixed investment in new structures	3.9	0.7	3.9	3.2	11.6	0.6	-3.8
29	Nonresidential structures ⁸	-1.8	-4.1	14.2	-2.2	14.9	7.0	-5.1
30	Residential structures ⁹	11.0	5.9	-5.2	8.5	8.5	-5.2	-2.4
31	Private fixed investment in information processing equipment and software	5.0	4.6	6.4	2.5	6.3	8.5	9.6

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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

Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Private fixed investment	3.9	0.7	1.5	1.7	8.1	3.2	1.5
	Percentage points at annual rates:							
2	Nonresidential	1.87	-0.46	2.61	0.14	5.52	5.00	2.95
3	Structures	-0.34	-0.74	2.29	-0.38	2.51	1.20	-0.93
4	Commercial and health care	0.48	0.71	1.51	0.49	0.13	-0.02	-0.52
5	Manufacturing	0.68	-0.17	0.15	-0.75	0.04	-0.43	-0.83
6	Power and communication	-0.14	0.17	0.58	-0.19	-0.68	-0.51	-0.13
7	Mining exploration, shafts, and wells ¹	-1.64	-1.66	0.00	0.01	3.07	2.28	0.65
8	Other structures ²	0.28	0.21	0.05	0.06	-0.05	-0.12	-0.11
9	Equipment	1.30	-1.23	-0.73	0.60	1.58	2.89	2.84
10	Information processing equipment	0.45	0.18	0.64	0.29	0.80	1.02	1.24
11	Computers and peripheral equipment	-0.10	-0.09	-0.02	-0.08	0.09	0.89	0.80
12	Other ³	0.55	0.27	0.66	0.36	0.71	0.13	0.44
13	Industrial equipment	0.09	0.17	0.17	0.41	0.58	0.84	0.41
14	Transportation equipment	1.00	-0.75	-1.38	-0.33	-0.21	0.09	0.60
15	Other equipment ⁴	-0.24	-0.83	-0.15	0.24	0.41	0.94	0.59
16	Intellectual property products	0.91	1.50	1.05	-0.09	1.43	0.91	1.05
17	Software ⁵	0.62	0.78	0.73	0.24	0.56	0.77	0.76
18	Research and development ⁶	0.15	0.66	0.11	-0.45	0.81	0.13	0.24
19	Entertainment, literary, and artistic originals	0.14	0.06	0.21	0.11	0.05	0.01	0.05
20	Residential	2.07	1.20	-1.08	1.61	2.57	-1.79	-1.44
21	Structures	2.05	1.18	-1.10	1.58	2.54	-1.80	-1.44
22	Permanent site	0.99	0.54	-1.06	1.16	1.07	0.14	-0.10
23	Single family	0.79	0.37	-1.14	1.05	0.84	0.20	0.09
24	Multifamily	0.21	0.16	0.08	0.11	0.23	-0.06	-0.19
25	Other structures ⁷	1.05	0.65	-0.05	0.43	1.47	-1.94	-1.34
26	Equipment	0.03	0.02	0.02	0.03	0.02	0.01	0.00
	Addenda:							
27	Private fixed investment in structures	1.70	0.45	1.19	1.21	5.05	-0.60	-2.38
28	Private fixed investment in new structures	1.35	0.25	1.32	1.09	4.03	0.25	-1.36
29	Nonresidential structures ⁸	-0.35	-0.74	2.27	-0.38	2.51	1.21	-0.93
30	Residential structures ⁹	1.70	0.99	-0.95	1.48	1.53	-0.96	-0.43
31	Private fixed investment in information processing equipment and software	1.07	0.97	1.37	0.53	1.36	1.79	2.00

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	137.373	138.395	138.627	139.229	141.960	143.085	143.624
2	Nonresidential	136.126	135.323	136.154	136.207	138.581	140.843	142.197
3	Structures	106.212	101.864	103.739	103.173	106.806	108.617	107.189
4	Commercial and health care	104.882	120.212	124.525	127.214	127.843	127.715	124.803
5	Manufacturing	125.569	117.527	120.239	111.093	111.565	106.185	95.893
6	Power and communication	99.351	103.939	107.538	106.263	101.697	98.285	97.438
7	Mining exploration, shafts, and wells ¹	127.928	72.664	68.582	68.675	95.379	115.674	121.491
8	Other structures ²	89.844	96.456	97.819	98.267	97.833	96.902	96.034
9	Equipment	168.324	162.618	161.944	162.649	164.423	167.930	171.427
10	Information processing equipment	134.303	136.758	137.999	138.985	141.701	145.325	149.818
11	Computers and peripheral equipment ³	113.423	109.383	109.689	108.822	109.766	120.226	129.800
12	Other ⁴	142.890	148.128	149.770	151.547	155.017	155.672	157.948
13	Industrial equipment	136.319	139.483	140.005	141.907	144.573	148.640	150.642
14	Transportation equipment	424.463	393.344	387.239	383.781	381.116	382.052	388.434
15	Other equipment ⁵	145.201	131.003	128.997	130.029	131.792	135.988	138.661
16	Intellectual property products	123.034	130.765	132.331	132.205	134.064	135.283	136.711
17	Software ⁶	131.108	140.362	142.121	142.857	144.535	146.921	149.316
18	Research and development ⁷	115.377	122.929	124.533	123.212	125.560	125.932	126.661
19	Entertainment, literary, and artistic originals	120.852	123.402	124.067	125.362	125.961	126.105	126.653
20	Residential	141.987	149.766	147.805	150.358	154.371	151.463	149.131
21	Structures	141.976	149.720	147.717	150.261	154.291	151.331	148.965
22	Permanent site	174.050	184.014	179.626	184.865	189.667	190.314	189.859
23	Single family	180.826	189.752	184.110	190.235	195.070	196.248	196.800
24	Multifamily	150.277	163.839	163.802	165.943	170.627	169.387	165.319
25	Other structures ⁸	125.043	131.605	130.908	131.972	135.599	130.641	127.221
26	Equipment	141.835	151.913	152.789	155.987	158.713	159.650	159.990
	Addenda:							
27	Private fixed investment in structures	122.878	124.259	124.288	125.220	129.025	128.540	126.669
28	Private fixed investment in new structures	121.760	122.649	122.702	123.658	127.094	127.298	126.081
29	Nonresidential structures ⁹	106.025	101.652	103.507	102.930	106.568	108.380	106.960
30	Residential structures ¹⁰	145.337	153.918	151.359	154.486	157.676	155.595	154.655
31	Private fixed investment in information processing equipment and software	132.824	138.892	140.409	141.262	143.429	146.396	149.773

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

- 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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	107.148	107.801	107.956	108.385	108.808	109.485	110.082
2	Nonresidential	105.069	104.790	104.726	104.893	105.292	105.780	106.135
3	Structures	115.484	115.637	115.629	116.295	117.183	118.292	119.633
4	Commercial and health care	107.865	109.372	109.273	110.028	110.417	111.291	112.876
5	Manufacturing	109.869	110.551	110.040	110.727	111.228	112.310	114.909
6	Power and communication	118.760	119.166	119.473	120.229	121.812	122.816	123.821
7	Mining exploration, shafts, and wells ¹	123.449	116.298	115.780	114.790	116.353	118.111	118.311
8	Other structures ²	112.128	115.950	116.482	117.811	118.542	119.521	121.006
9	Equipment	99.761	99.634	99.763	99.651	99.832	100.032	100.084
10	Information processing equipment	88.046	86.778	86.808	86.284	85.657	85.799	85.864
11	Computers and peripheral equipment	88.485	87.100	87.133	86.320	86.344	86.740	86.690
12	Other ³	88.114	86.882	86.912	86.477	85.649	85.711	85.816
13	Industrial equipment	106.522	106.078	106.144	106.134	106.562	106.945	107.178
14	Transportation equipment	102.018	103.284	103.651	103.856	105.055	105.142	104.861
15	Other equipment ⁴	105.111	105.258	105.296	105.373	105.366	105.610	105.853
16	Intellectual property products	105.753	104.966	104.590	104.844	105.248	105.754	105.928
17	Software ⁵	98.770	97.884	97.573	97.889	97.871	98.220	98.000
18	Research and development ⁶	115.231	113.952	113.451	113.691	114.566	115.186	115.734
19	Entertainment, literary, and artistic originals	101.411	102.766	102.546	102.558	103.213	104.018	104.701
20	Residential	115.883	120.157	121.144	122.580	123.102	124.503	126.046
21	Structures	116.595	121.037	122.056	123.553	124.096	125.543	127.135
22	Permanent site	117.446	122.994	124.105	125.939	126.101	127.081	128.174
23	Single family	116.093	121.312	122.568	124.743	124.943	126.153	127.497
24	Multifamily	122.490	129.428	130.035	130.443	130.443	130.443	130.443
25	Other structures ⁷	115.737	119.346	120.295	121.539	122.366	124.168	126.152
26	Equipment	83.556	80.071	79.631	78.362	77.935	77.252	76.671
	Addenda:							
27	Private fixed investment in structures	116.116	118.631	119.196	120.321	121.016	122.312	123.792
28	Private fixed investment in new structures	115.805	117.928	118.427	119.535	120.226	121.300	122.532
29	Nonresidential structures ⁸	115.490	115.625	115.619	116.285	117.176	118.296	119.645
30	Residential structures ⁹	116.118	120.312	121.324	122.889	123.379	124.405	125.517
31	Private fixed investment in information processing equipment and software	93.266	92.191	92.049	91.953	91.635	91.881	91.803

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Table 5.3.5. Private Fixed Investment by Type

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	2,981.6	3,022.1	3,031.5	3,056.7	3,128.9	3,173.3	3,202.6
2	Nonresidential	2,336.2	2,316.3	2,329.1	2,333.7	2,383.4	2,433.6	2,465.2
3	Structures	537.5	516.2	525.6	525.8	548.4	563.0	561.9
4	Commercial and health care	143.3	166.6	172.4	177.3	178.8	180.0	178.4
5	Manufacturing	77.7	73.1	74.5	69.2	69.9	67.1	62.0
6	Power and communication	113.0	118.6	123.0	122.3	118.6	115.6	115.5
7	Mining exploration, shafts, and wells ¹	118.4	63.4	59.5	59.1	83.2	102.4	107.8
8	Other structures ²	85.1	94.5	96.2	97.8	97.9	97.8	98.1
9	Equipment	1,081.9	1,043.9	1,040.9	1,044.3	1,057.6	1,082.3	1,105.4
10	Information processing equipment	302.8	303.9	306.8	307.1	310.8	319.3	329.4
11	Computers and peripheral equipment	77.1	73.1	73.4	72.1	72.8	80.1	86.4
12	Other ³	225.8	230.8	233.4	235.0	238.1	239.2	243.0
13	Industrial equipment	220.8	225.0	226.0	229.0	234.3	241.7	245.5
14	Transportation equipment	305.6	286.7	283.3	281.3	282.6	283.5	287.5
15	Other equipment ⁴	252.7	228.3	224.9	226.9	229.9	237.8	243.0
16	Intellectual property products	716.8	756.2	762.5	763.7	777.4	788.2	797.9
17	Software ⁵	332.5	352.8	356.1	359.1	363.2	370.6	375.8
18	Research and development ⁶	304.5	320.8	323.6	320.8	329.5	332.2	335.7
19	Entertainment, literary, and artistic originals	79.8	82.6	82.9	83.7	84.7	85.4	86.4
20	Residential	645.4	705.9	702.4	723.0	745.5	739.7	737.4
21	Structures	635.5	695.7	692.3	712.8	735.2	729.5	727.2
22	Permanent site	273.7	303.0	298.5	311.7	320.3	323.8	325.8
23	Single family	221.1	242.5	237.7	250.0	256.7	260.8	264.3
24	Multifamily	52.5	60.5	60.8	61.8	63.5	63.1	61.5
25	Other structures ⁷	361.9	392.7	393.8	401.1	414.9	405.6	401.3
26	Equipment	9.9	10.1	10.1	10.2	10.3	10.3	10.2
	Addenda:							
27	Private fixed investment in structures	1,173.0	1,211.9	1,217.9	1,238.6	1,283.6	1,292.5	1,289.1
28	Private fixed investment in new structures	1,030.4	1,057.0	1,061.8	1,080.1	1,116.5	1,128.3	1,128.9
29	Nonresidential structures ⁸	536.3	514.8	524.1	524.2	546.9	561.5	560.5
30	Residential structures ⁹	494.1	542.2	537.7	555.9	569.7	566.8	568.4
31	Private fixed investment in information processing equipment and software	635.3	656.7	662.9	666.2	674.1	689.9	705.2

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 5.3.5. Private Fixed Investment by Type

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	2,782.7	2,803.4	2,808.2	2,820.3	2,875.7	2,898.5	2,909.4
2	Nonresidential	2,223.5	2,210.4	2,224.0	2,224.9	2,263.6	2,300.6	2,322.7
3	Structures	465.4	446.4	454.6	452.1	468.0	476.0	469.7
4	Commercial and health care	132.9	152.3	157.8	161.2	162.0	161.8	158.1
5	Manufacturing	70.7	66.2	67.7	62.5	62.8	59.8	54.0
6	Power and communication	95.2	99.6	103.0	101.8	97.4	94.1	93.3
7	Mining exploration, shafts, and wells ¹	95.9	54.5	51.4	51.5	71.5	86.7	91.1
8	Other structures ²	75.9	81.5	82.6	83.0	82.7	81.9	81.1
9	Equipment	1,084.5	1,047.8	1,043.4	1,048.0	1,059.4	1,082.0	1,104.5
10	Information processing equipment	343.9	350.2	353.4	355.9	362.9	372.2	383.7
11	Computers and peripheral equipment ³	87.1	84.0	84.2	83.6	84.3	92.3	99.7
12	Other ⁴	256.2	265.6	268.5	271.7	278.0	279.1	283.2
13	Industrial equipment	207.3	212.1	212.9	215.8	219.9	226.0	229.1
14	Transportation equipment	299.5	277.6	273.3	270.8	268.9	269.6	274.1
15	Other equipment ⁵	240.4	216.9	213.6	215.3	218.2	225.2	229.6
16	Intellectual property products	677.8	720.4	729.0	728.3	738.6	745.3	753.2
17	Software ⁶	336.7	360.4	364.9	366.8	371.1	377.3	383.4
18	Research and development ⁷	264.2	281.5	285.2	282.2	287.6	288.4	290.1
19	Entertainment, literary, and artistic originals	78.7	80.4	80.8	81.6	82.0	82.1	82.5
20	Residential	556.9	587.4	579.8	589.8	605.5	594.1	585.0
21	Structures	545.1	574.8	567.1	576.9	592.4	581.0	571.9
22	Permanent site	233.0	246.3	240.5	247.5	253.9	254.8	254.2
23	Single family	190.5	199.9	193.9	200.4	205.5	206.7	207.3
24	Multifamily	42.9	46.8	46.7	47.4	48.7	48.3	47.2
25	Other structures ⁸	312.7	329.1	327.3	330.0	339.1	326.7	318.1
26	Equipment	11.8	12.6	12.7	13.0	13.2	13.3	13.3
27	Residual	-15.8	-17.4	-18.5	-18.2	-17.1	-20.9	-25.8
	Addenda:							
28	Private fixed investment in structures	1,010.2	1,021.6	1,021.8	1,029.5	1,060.8	1,056.8	1,041.4
29	Private fixed investment in new structures	889.8	896.3	896.7	903.6	928.8	930.2	921.4
30	Nonresidential structures ⁹	464.4	445.2	453.3	450.8	466.7	474.7	468.5
31	Residential structures ¹⁰	425.5	450.7	443.2	452.3	461.7	455.6	452.8
32	Private fixed investment in information processing equipment and software	681.2	712.3	720.1	724.5	735.6	750.8	768.1

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
2	Farm	0.5	-0.6	0.6	-3.5	2.5	0.3	3.9
3	Mining, utilities, and construction	11.5	-3.4	-17.0	9.1	6.1	-8.0	-3.5
4	Manufacturing	35.5	9.8	15.4	23.1	-13.2	-16.7	18.2
5	Durable goods industries	18.1	-2.9	5.9	4.6	-3.1	1.5	15.0
6	Nondurable goods industries	17.4	12.6	9.5	18.5	-10.1	-18.3	3.2
7	Wholesale trade	27.7	12.4	7.8	32.9	-25.1	0.7	37.0
8	Durable goods industries	7.5	1.1	-3.4	22.5	-1.8	9.8	30.1
9	Nondurable goods industries	20.2	11.3	11.3	10.4	-23.2	-9.1	6.9
10	Retail trade	27.1	14.8	12.6	5.8	25.6	18.1	-17.0
11	Motor vehicle and parts dealers	9.9	9.5	12.8	0.3	31.3	10.8	-14.4
12	Food and beverage stores	2.2	2.4	1.7	2.8	-1.7	0.3	2.6
13	General merchandise stores	1.5	-1.2	-1.6	-1.9	-2.9	-0.6	-2.6
14	Other retail stores	13.5	4.1	-0.3	4.7	-1.0	7.5	-2.5
15	Other industries	9.6	2.1	-2.9	2.1	3.9	10.6	-0.2
	Addenda:							
16	Change in private inventories	111.9	35.1	16.5	69.5	-0.1	4.9	38.4
17	Durable goods industries	41.2	11.0	14.5	39.7	26.0	20.3	30.9
18	Nondurable goods industries	70.8	24.1	2.0	29.7	-26.1	-15.4	7.5
19	Nonfarm industries	111.5	35.7	15.9	73.0	-2.7	4.6	34.5
20	Nonfarm change in book value ¹	39.2	30.7	20.4	89.5	88.6	29.0	54.9
21	Nonfarm inventory valuation adjustment ²	72.3	5.0	-4.5	-16.6	-91.3	-24.4	-20.4
22	Wholesale trade	27.7	12.4	7.8	32.9	-25.1	0.7	37.0
23	Merchant wholesale trade	19.5	9.0	3.0	25.9	-18.1	12.8	37.3
24	Durable goods industries	6.0	1.2	-2.3	19.7	2.3	6.3	27.2
25	Nondurable goods industries	13.5	7.9	5.3	6.1	-20.5	6.5	10.1
26	Nonmerchant wholesale trade	8.2	3.4	4.8	7.0	-6.9	-12.1	-0.3

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
2	Farm	0.2	-0.6	0.8	-2.9	2.7	1.2	4.1
3	Mining, utilities, and construction	11.5	-3.3	-16.7	9.0	5.7	-7.7	-3.4
4	Manufacturing	33.0	9.6	15.3	21.4	-12.0	-15.0	16.5
5	Durable goods industries	17.1	-2.7	5.8	4.4	-2.8	1.4	13.7
6	Nondurable goods industries	15.9	12.2	9.4	16.9	-9.1	-16.1	2.9
7	Wholesale trade	25.0	12.0	8.0	29.9	-22.1	0.5	33.4
8	Durable goods industries	7.0	1.1	-3.2	21.3	-1.7	9.1	28.0
9	Nondurable goods industries	17.5	10.6	10.7	9.0	-19.6	-7.9	6.3
10	Retail trade	24.5	13.6	11.5	5.3	23.4	16.4	-15.2
11	Motor vehicle and parts dealers	9.1	8.8	11.8	0.3	29.1	10.0	-13.5
12	Food and beverage stores	1.8	2.1	1.5	2.4	-1.4	0.3	2.2
13	General merchandise stores	1.4	-1.1	-1.5	-1.8	-2.7	-0.6	-2.3
14	Other retail stores	12.3	3.8	-0.2	4.3	-0.8	6.9	-2.1
15	Other industries	9.1	2.1	-2.5	1.9	3.6	9.7	-0.1
16	Residual	-2.3	0.4	1.6	-1.7	-1.9	-0.9	0.1
	Addenda:							
17	Change in private inventories	100.5	33.4	17.6	63.1	1.2	5.5	35.8
18	Durable goods industries	38.5	10.4	13.9	37.6	24.5	18.9	28.6
19	Nondurable goods industries	61.8	22.8	4.1	26.2	-21.9	-12.3	8.1
20	Nonfarm industries	102.8	34.5	17.1	66.8	-1.8	4.2	31.7
21	Wholesale trade	25.0	12.0	8.0	29.9	-22.1	0.5	33.4
22	Merchant wholesale trade	17.6	8.7	3.3	23.4	-15.8	11.3	33.5
23	Durable goods industries	5.6	1.1	-2.1	18.7	2.3	5.9	25.4
24	Nondurable goods industries	11.6	7.2	5.1	5.2	-17.0	5.4	8.8
25	Nonmerchant wholesale trade	7.5	3.4	4.9	6.5	-6.3	-11.1	-0.2

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2016		2017		
		Q3	Q4	Q1	Q2	Q3
1	Private inventories ¹	2,497.4	2,545.4	2,592.5	2,595.5	2,605.2
2	Farm	180.5	188.5	195.2	197.8	190.9
3	Mining, utilities, and construction	91.2	95.7	100.0	95.4	94.0
4	Manufacturing	740.7	754.3	769.5	769.6	778.0
5	Durable goods industries	438.1	440.1	447.8	451.2	458.9
6	Nondurable goods industries	302.7	314.2	321.7	318.4	319.1
7	Wholesale trade	689.2	707.1	714.1	712.5	725.9
8	Durable goods industries	381.0	388.0	391.9	395.1	404.8
9	Nondurable goods industries	308.2	319.1	322.2	317.4	321.1
10	Retail trade	614.6	617.0	628.2	632.7	628.1
11	Motor vehicle and parts dealers	201.0	200.5	209.3	211.9	206.4
12	Food and beverage stores	54.4	55.1	55.9	56.1	56.2
13	General merchandise stores	93.8	93.5	93.2	93.5	92.5
14	Other retail stores	265.3	267.9	269.8	271.2	273.0
15	Other industries	181.3	182.9	185.6	187.6	188.3
	Addenda:					
16	Private inventories	2,497.4	2,545.4	2,592.5	2,595.5	2,605.2
17	Durable goods industries	1,117.8	1,129.5	1,150.2	1,159.6	1,172.0
18	Nondurable goods industries	1,379.7	1,415.9	1,442.3	1,435.9	1,433.2
19	Nonfarm industries	2,317.0	2,356.9	2,397.2	2,397.8	2,414.2
20	Wholesale trade	689.2	707.1	714.1	712.5	725.9
21	Merchant wholesale trade	579.9	593.0	598.4	602.1	612.8
22	Durable goods industries	330.8	336.8	341.1	343.3	351.9
23	Nondurable goods industries	249.1	256.1	257.3	258.8	260.9
24	Nonmerchant wholesale trade	109.3	114.1	115.6	110.4	113.0
25	Final sales of domestic business ²	1,077.0	1,085.2	1,099.0	1,110.9	1,123.6
26	Final sales of goods and structures of domestic business ²	578.1	580.4	588.4	594.1	602.5
	Ratios of private inventories to final sales of domestic business:					
27	Private inventories to final sales	2.32	2.35	2.36	2.34	2.32
28	Nonfarm inventories to final sales	2.15	2.17	2.18	2.16	2.15
29	Nonfarm inventories to final sales of goods and structures	4.01	4.06	4.07	4.04	4.01

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2016		2017		
		Q3	Q4	Q1	Q2	Q3
1	Private inventories ¹	2,297.9	2,313.6	2,313.9	2,315.3	2,324.3
2	Farm	161.3	160.6	161.2	161.5	162.6
3	Mining, utilities, and construction	90.5	92.7	94.1	92.2	91.4
4	Manufacturing	695.5	700.8	697.8	694.1	698.2
5	Durable goods industries	413.4	414.5	413.8	414.1	417.6
6	Nondurable goods industries	284.4	288.6	286.4	282.3	283.1
7	Wholesale trade	634.4	641.8	636.3	636.4	644.8
8	Durable goods industries	361.7	367.0	366.6	368.9	375.9
9	Nondurable goods industries	276.1	278.4	273.5	271.5	273.1
10	Retail trade	559.7	561.0	566.8	570.9	567.1
11	Motor vehicle and parts dealers	186.8	186.9	194.2	196.7	193.3
12	Food and beverage stores	46.6	47.2	46.8	46.9	47.4
13	General merchandise stores	85.0	84.5	83.8	83.7	83.1
14	Other retail stores	241.9	243.0	242.8	244.6	244.0
15	Other industries	167.6	168.1	169.0	171.4	171.4
16	Residual	-17.4	-17.8	-18.3	-18.5	-18.5
	Addenda:					
17	Private inventories	2,297.9	2,313.6	2,313.9	2,315.3	2,324.3
18	Durable goods industries	1,055.9	1,065.3	1,071.4	1,076.1	1,083.3
19	Nondurable goods industries	1,252.9	1,259.4	1,254.0	1,250.9	1,252.9
20	Nonfarm industries	2,149.0	2,165.7	2,165.2	2,166.3	2,174.2
21	Wholesale trade	634.4	641.8	636.3	636.4	644.8
22	Merchant wholesale trade	530.8	536.6	532.7	535.5	543.9
23	Durable goods industries	314.1	318.8	319.3	320.8	327.2
24	Nondurable goods industries	219.3	220.6	216.3	217.7	219.9
25	Nonmerchant wholesale trade	103.9	105.5	104.0	101.2	101.1
26	Final sales of domestic business ²	976.4	978.7	988.2	997.5	1,004.0
27	Final sales of goods and structures of domestic business ²	551.4	551.6	558.3	564.4	568.6
	Ratios of private inventories to final sales of domestic business:					
28	Private inventories to final sales	2.35	2.36	2.34	2.32	2.31
29	Nonfarm inventories to final sales	2.20	2.21	2.19	2.17	2.17
30	Nonfarm inventories to final sales of goods and structures	3.90	3.93	3.88	3.84	3.82

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2016		2017		
		Q3	Q4	Q1	Q2	Q3
1	Private inventories ¹	108.684	110.016	112.038	112.102	112.085
2	Farm	111.888	117.383	121.094	122.424	117.436
3	Mining, utilities, and construction	100.773	103.190	106.182	103.456	102.937
4	Manufacturing	106.509	107.629	110.274	110.881	111.428
5	Durable goods industries	105.971	106.187	108.218	108.948	109.894
6	Nondurable goods industries	106.416	108.842	112.349	112.773	112.726
7	Wholesale trade	108.649	110.171	112.218	111.952	112.577
8	Durable goods industries	105.335	105.703	106.893	107.092	107.672
9	Nondurable goods industries	111.626	114.651	117.811	116.920	117.598
10	Retail trade	109.809	109.981	110.818	110.819	110.748
11	Motor vehicle and parts dealers	107.589	107.301	107.763	107.716	106.744
12	Food and beverage stores	116.783	116.778	119.458	119.807	118.558
13	General merchandise stores	110.455	110.621	111.205	111.670	111.272
14	Other retail stores	109.672	110.231	111.090	110.903	111.890
15	Other industries	108.162	108.796	109.816	109.433	109.874
	Addenda:					
16	Private inventories	108.684	110.016	112.038	112.102	112.085
17	Durable goods industries	105.862	106.027	107.354	107.754	108.186
18	Nondurable goods industries	110.118	112.424	115.018	114.794	114.389
19	Nonfarm industries	107.817	108.830	110.715	110.684	111.039
20	Wholesale trade	108.649	110.171	112.218	111.952	112.577
21	Merchant wholesale trade	109.260	110.502	112.349	112.441	112.681
22	Durable goods industries	105.303	105.659	106.812	107.000	107.561
23	Nondurable goods industries	113.614	116.118	118.954	118.903	118.665
24	Nonmerchant wholesale trade	105.194	108.139	111.202	109.072	111.748

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	National income without capital consumption adjustment	15,639.6	15,941.7	16,071.4	16,102.3	16,281.6	16,426.5	---
2	Domestic industries	15,435.1	15,744.6	15,883.0	15,873.4	16,067.4	16,224.1	---
3	Private industries	13,612.6	13,870.9	14,000.3	13,986.0	14,157.8	14,303.4	---
4	Agriculture, forestry, fishing, and hunting	150.7	138.7	135.8	130.0	134.1	114.9	---
5	Mining	180.1	110.6	104.1	109.0	142.0	156.8	---
6	Utilities	181.9	183.8	181.3	187.8	195.2	196.6	---
7	Construction	739.1	791.9	792.4	803.0	815.9	817.2	---
8	Manufacturing	1,679.4	1,636.3	1,637.4	1,624.6	1,630.1	1,657.2	---
9	Durable goods	961.0	955.7	957.3	965.5	960.2	973.2	---
10	Nondurable goods	718.4	680.6	680.0	659.1	670.0	684.0	---
11	Wholesale trade	945.1	929.7	948.0	916.4	908.5	934.4	---
12	Retail trade	1,080.2	1,112.1	1,122.4	1,121.3	1,132.0	1,147.3	---
13	Transportation and warehousing	475.9	487.5	491.2	485.2	503.8	527.0	---
14	Information	585.3	596.6	601.1	608.3	612.0	623.4	---
15	Finance, insurance, real estate, rental, and leasing	2,766.6	2,832.7	2,869.9	2,895.5	2,906.0	2,878.8	---
16	Professional and business services ¹	2,170.0	2,268.4	2,303.1	2,296.6	2,333.0	2,369.4	---
17	Educational services, health care, and social assistance	1,546.3	1,620.6	1,639.8	1,630.9	1,652.0	1,673.2	---
18	Arts, entertainment, recreation, accommodation, and food services	656.1	692.6	699.8	704.9	714.8	724.3	---
19	Other services, except government	455.9	469.5	473.9	472.7	478.1	482.9	---
20	Government	1,822.5	1,873.7	1,882.8	1,887.3	1,909.6	1,920.7	---
21	Rest of the world	204.5	197.1	188.3	228.9	214.3	202.4	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Corporate profits with inventory valuation and capital consumption adjustments	2,117.5	2,073.5	2,101.2	2,155.2	2,109.0	2,123.4	---
2	Domestic industries	1,732.5	1,678.7	1,712.9	1,719.6	1,682.7	1,707.9	---
3	Financial ¹	456.7	454.6	489.0	516.2	475.5	441.6	---
4	Nonfinancial	1,275.8	1,224.1	1,223.8	1,203.4	1,207.2	1,266.3	---
5	Rest of the world	385.0	394.7	388.4	435.6	426.3	415.5	---
6	Receipts from the rest of the world	653.1	671.4	674.2	699.3	704.7	710.1	---
7	Less: Payments to the rest of the world	268.1	276.7	285.8	263.7	278.3	294.6	---
8	Corporate profits with inventory valuation adjustment	2,210.9	2,161.6	2,187.0	2,239.4	2,201.8	2,220.8	---
9	Domestic industries	1,826.0	1,766.9	1,798.6	1,803.7	1,775.5	1,805.2	---
10	Financial	497.9	501.8	536.8	564.8	523.7	489.9	---
11	Federal Reserve banks	100.7	92.0	89.5	88.1	90.5	80.9	---
12	Other financial ²	397.1	409.9	447.3	476.7	433.2	409.0	---
13	Nonfinancial	1,328.1	1,265.1	1,261.8	1,238.9	1,251.8	1,315.3	---
14	Utilities	21.8	19.3	16.1	21.2	27.6	28.2	---
15	Manufacturing	417.1	392.6	385.4	386.8	370.4	389.6	---
16	Durable goods	218.4	212.2	206.4	224.3	208.5	219.2	---
17	Fabricated metal products	23.6	20.1	19.6	20.9	16.2	21.6	---
18	Machinery	24.2	17.8	17.6	18.1	23.5	24.6	---
19	Computer and electronic products	53.9	49.9	48.6	49.3	43.3	43.0	---
20	Electrical equipment, appliances, and components	19.6	23.7	24.7	26.5	22.7	22.4	---
21	Motor vehicles, bodies and trailers, and parts	26.3	26.4	23.1	20.1	19.6	20.3	---
22	Other durable goods ³	70.7	74.3	72.8	89.3	83.2	87.2	---
23	Nondurable goods	198.7	180.4	179.0	162.5	161.9	170.4	---
24	Food and beverage and tobacco products	71.7	76.0	77.4	74.4	63.0	66.3	---
25	Petroleum and coal products	17.3	-2.2	-2.4	-12.2	2.1	6.2	---
26	Chemical products	73.7	68.9	67.1	61.3	61.5	62.6	---
27	Other nondurable goods ⁴	36.0	37.7	36.9	38.9	35.3	35.3	---
28	Wholesale trade	147.6	125.4	141.9	98.3	90.3	107.8	---
29	Retail trade	171.8	179.1	185.1	183.8	179.6	183.9	---
30	Transportation and warehousing	61.2	56.1	54.1	49.7	59.2	73.6	---
31	Information	137.2	137.6	132.3	141.9	138.2	131.0	---
32	Other nonfinancial ⁵	371.3	355.0	346.9	357.3	386.6	401.1	---
33	Rest of the world	385.0	394.7	388.4	435.6	426.3	415.5	---

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
	Current dollars:							
1	Gross domestic product	56,420	57,591	57,864	58,301	58,681	59,180	59,822
2	Gross national product	57,057	58,201	58,446	59,007	59,341	59,802	---
3	Personal income	48,426	49,255	49,519	49,420	50,021	50,308	50,563
4	Disposable personal income	42,392	43,194	43,390	43,323	43,805	44,120	44,263
5	Personal consumption expenditures	38,398	39,645	39,853	40,265	40,619	40,909	41,224
6	Goods	12,558	12,744	12,773	12,939	13,027	13,057	13,189
7	Durable goods	4,257	4,363	4,388	4,441	4,444	4,478	4,530
8	Nondurable goods	8,301	8,381	8,386	8,498	8,584	8,579	8,659
9	Services	25,840	26,900	27,080	27,326	27,591	27,852	28,035
	Chained (2009) dollars:							
10	Gross domestic product	51,286	51,690	51,836	51,966	52,048	52,358	52,646
11	Gross national product	51,819	52,194	52,314	52,551	52,595	52,871	---
12	Disposable personal income	38,720	38,988	39,080	38,828	39,045	39,299	39,280
13	Personal consumption expenditures	35,072	35,784	35,894	36,087	36,205	36,439	36,583
14	Goods	12,228	12,592	12,639	12,762	12,764	12,912	13,021
15	Durable goods	4,707	4,932	4,980	5,082	5,072	5,158	5,252
16	Nondurable goods	7,618	7,775	7,779	7,812	7,822	7,890	7,917
17	Services	22,854	23,214	23,279	23,356	23,466	23,562	23,606
18	Population (midperiod, thousands)	321,173	323,391	323,675	324,275	324,765	325,281	325,892

Table 7.2.1B. Percent Change From Preceding Period in Real Motor Vehicle Output

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	5.4	1.6	2.7	-1.9	-7.3	0.8	-14.4
2	Auto output	-15.8	-12.8	-3.9	-25.3	-30.0	16.9	-61.3
3	Truck output	14.2	5.9	4.3	4.6	-1.5	-2.3	-0.6
4	Final sales of domestic product	5.2	1.3	5.8	1.6	-12.3	1.7	8.4
5	Personal consumption expenditures	7.3	2.9	17.0	13.5	-10.0	0.9	17.0
6	New motor vehicles	3.3	-1.7	16.6	8.0	-9.6	-8.2	21.6
7	Autos	-9.6	-10.5	8.1	1.3	-23.5	-8.3	8.7
8	Light trucks (including utility vehicles)	10.3	2.2	20.1	10.7	-4.0	-8.1	26.4
9	Net purchases of used autos and used light trucks	17.0	13.2	17.8	25.4	-10.8	21.4	8.7
10	Used autos	15.9	5.7	7.9	17.5	-15.8	17.6	6.7
11	Used light trucks (including utility vehicles)	17.8	19.3	25.3	31.1	-7.3	24.0	10.0
12	Private fixed investment	12.1	-0.5	-11.3	-2.1	-10.2	3.4	-2.8
13	New motor vehicles	12.4	2.0	-0.4	0.1	-12.2	1.0	1.9
14	Autos	4.0	-7.1	7.4	-19.1	-31.6	-11.0	-2.3
15	Trucks	17.0	6.4	-3.5	9.3	-3.4	5.6	3.4
16	Light trucks (including utility vehicles)	18.6	14.1	5.6	14.9	-2.2	-2.5	-1.5
17	Other	12.7	-15.5	-31.8	-11.2	-8.6	46.9	24.2
18	Net purchases of used autos and used light trucks	12.9	8.8	34.0	5.6	-17.0	-5.0	15.1
19	Used autos	10.8	0.1	27.2	-8.1	-36.5	-17.2	14.0
20	Used light trucks (including utility vehicles)	14.9	16.4	39.3	16.8	-0.9	3.3	15.8
21	Gross government investment	0.6	13.6	40.0	-33.0	2.0	5.2	4.5
22	Autos	-14.0	3.5	-27.4	30.9	12.2	-14.6	3.4
23	Trucks	4.0	15.5	55.7	-39.9	0.3	9.1	4.6
24	Net exports	---	---	---	---	---	---	---
25	Exports	-10.4	-2.4	1.9	-26.8	70.9	-22.1	-16.4
26	Autos	-9.0	-1.5	16.6	-22.9	60.9	-24.7	-34.1
27	Trucks	-12.2	-3.6	-14.7	-31.8	85.5	-18.4	11.5
28	Imports	9.8	2.0	7.5	5.0	20.9	-6.7	2.5
29	Autos	15.7	3.5	15.8	-6.2	-1.0	-9.9	-1.9
30	Trucks	0.7	-0.8	-6.6	29.5	68.4	-1.6	9.6
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	8.7	1.9	6.7	6.2	-9.7	1.9	9.5
43	Private fixed investment in new autos and new light trucks	12.3	5.7	6.2	2.0	-12.7	-5.2	-1.7
44	Domestic output of new autos ²	-4.2	-5.1	7.6	-22.9	-21.5	-15.0	-53.2
45	Sales of imported new autos ³	-3.2	-8.1	15.2	-15.1	-1.6	-8.9	17.3

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 7.2.3B. Real Motor Vehicle Output, Quantity Indexes

[Index numbers, 2009=100] Seasonally adjusted

Last Revised On: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	192.774	195.822	197.797	196.866	193.185	193.588	186.230
2	Auto output	127.941	111.585	113.236	105.285	96.303	100.135	78.995
3	Truck output	229.553	243.120	245.289	248.063	247.156	245.749	245.391
4	Final sales of domestic product	172.298	174.613	176.565	177.279	171.553	172.271	175.780
5	Personal consumption expenditures	136.600	140.526	142.828	147.427	143.602	143.939	149.715
6	New motor vehicles	153.240	150.603	153.559	156.560	152.680	149.464	156.966
7	Autos	113.753	101.796	102.512	102.852	96.191	94.141	96.127
8	Light trucks (including utility vehicles)	181.976	185.900	190.449	195.335	193.373	189.316	200.725
9	Net purchases of used autos and used light trucks	111.967	126.784	128.036	135.485	131.657	138.203	141.108
10	Used autos	117.775	124.508	124.328	129.431	123.967	129.101	131.212
11	Used light trucks (including utility vehicles)	107.585	128.317	130.615	139.768	137.136	144.707	148.189
12	Private fixed investment	597.980	594.944	583.845	580.817	565.475	570.245	566.156
13	New motor vehicles	247.399	252.305	251.491	251.570	243.541	244.133	245.270
14	Autos	192.705	179.007	180.920	171.604	156.088	151.600	150.720
15	Trucks	288.613	307.054	304.272	311.105	308.392	312.636	315.223
16	Light trucks (including utility vehicles)	295.591	337.340	338.846	350.786	348.837	346.672	345.360
17	Other	270.495	228.676	214.847	208.547	203.887	224.453	236.931
18	Net purchases of used autos and used light trucks	97.395	105.979	109.792	111.304	106.252	104.886	108.643
19	Used autos	102.817	102.914	106.232	104.003	92.852	88.562	91.502
20	Used light trucks (including utility vehicles)	93.095	108.374	112.577	117.035	116.785	117.724	122.124
21	Gross government investment	89.615	101.785	108.720	98.360	98.854	100.125	101.225
22	Autos	76.816	79.470	73.753	78.886	81.197	78.060	78.718
23	Trucks	92.616	106.988	116.859	102.906	102.989	105.245	106.447
24	Net exports	---	---	---	---	---	---	---
25	Exports	168.367	164.361	168.439	155.814	178.157	167.395	160.041
26	Autos	194.044	191.200	198.250	185.777	209.228	194.899	175.624
27	Trucks	141.947	136.843	138.012	125.412	146.360	139.087	142.921
28	Imports	213.429	217.592	217.146	219.816	230.520	226.558	227.975
29	Autos	225.870	233.826	238.066	234.279	233.664	227.668	226.575
30	Trucks	194.529	192.968	185.458	197.849	225.392	224.472	229.675
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	184.397	187.984	189.044	191.913	187.073	187.961	192.263
43	Private fixed investment in new autos and new light trucks	243.102	256.988	258.687	260.000	251.314	248.006	246.916
44	Domestic output of new autos ²	185.050	175.533	179.211	167.920	158.050	151.746	125.520
45	Sales of imported new autos ³	143.364	131.702	135.046	129.647	129.121	126.132	131.271

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	112.861	112.774	112.829	112.658	113.753	112.671	112.026
2	Auto output	106.715	104.131	104.371	103.086	106.062	102.216	100.624
3	Truck output	115.796	116.461	116.471	116.590	117.248	116.804	116.353
4	Final sales of domestic product	112.712	112.681	112.753	112.585	113.692	112.578	111.913
5	Personal consumption expenditures	111.286	109.921	109.608	109.317	109.646	108.592	107.825
6	New motor vehicles	109.268	109.603	109.529	109.696	110.343	109.750	108.938
7	Autos	105.253	104.732	104.541	104.608	105.317	104.527	103.138
8	Light trucks (including utility vehicles)	111.773	112.489	112.460	112.669	113.298	112.773	112.166
9	Net purchases of used autos and used light trucks	112.874	107.944	107.146	105.961	105.669	103.783	103.118
10	Used autos	111.965	106.474	105.793	104.357	104.318	102.376	101.785
11	Used light trucks (including utility vehicles)	113.655	109.154	108.272	107.260	106.794	104.943	104.227
12	Private fixed investment	96.145	97.528	97.918	98.220	99.475	99.466	99.001
13	New motor vehicles	109.173	109.628	109.553	109.761	110.472	109.942	109.167
14	Autos	105.090	104.580	104.391	104.458	105.165	104.375	102.987
15	Trucks	111.780	112.706	112.684	112.956	113.676	113.240	112.686
16	Light trucks (including utility vehicles)	111.626	112.322	112.296	112.502	113.140	112.606	111.997
17	Other	112.184	113.864	113.850	114.399	115.479	115.463	115.122
18	Net purchases of used autos and used light trucks	114.223	111.696	110.263	110.153	109.168	107.335	105.922
19	Used autos	113.978	111.294	109.919	109.723	108.785	106.973	105.623
20	Used light trucks (including utility vehicles)	114.436	112.036	110.558	110.510	109.493	107.645	106.194
21	Gross government investment	110.067	111.734	111.911	112.344	112.709	112.755	112.871
22	Autos	101.499	103.114	103.626	103.847	100.660	101.342	104.050
23	Trucks	112.188	113.871	113.975	114.449	115.519	115.441	115.069
24	Net exports	---	---	---	---	---	---	---
25	Exports	107.729	108.208	108.120	108.436	109.028	108.368	108.828
26	Autos	103.097	102.146	101.851	101.330	101.398	101.117	101.213
27	Trucks	113.457	116.084	116.343	117.989	119.401	118.165	119.143
28	Imports	101.272	100.805	100.510	100.837	100.565	100.884	100.595
29	Autos	103.258	102.864	102.430	102.808	101.663	103.017	102.670
30	Trucks	98.488	97.894	97.851	98.087	99.203	97.998	97.792
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	109.608	109.375	109.344	109.289	109.982	109.316	108.660
43	Private fixed investment in new autos and new light trucks	108.568	108.796	108.710	108.866	109.521	108.910	108.061
44	Domestic output of new autos ²	103.418	102.838	102.680	102.553	103.075	102.570	101.905
45	Sales of imported new autos ³	105.198	104.678	104.487	104.557	105.261	104.466	103.085

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	536.5	544.6	550.4	547.0	542.0	538.0	514.5
2	Auto output	125.5	106.9	108.7	99.8	93.9	94.1	73.1
3	Truck output	411.0	437.8	441.7	447.2	448.1	443.8	441.4
4	Final sales of domestic product	524.4	531.3	537.6	539.0	526.7	523.7	531.3
5	Personal consumption expenditures	403.3	409.8	415.4	427.6	417.8	414.7	428.3
6	New motor vehicles	277.3	273.4	278.6	284.4	279.0	271.7	283.2
7	Autos	85.2	75.9	76.3	76.6	72.1	70.0	70.6
8	Light trucks (including utility vehicles)	192.1	197.5	202.3	207.9	206.9	201.6	212.6
9	Net purchases of used autos and used light trucks	126.0	136.4	136.8	143.2	138.8	143.1	145.1
10	Used autos	56.3	56.6	56.1	57.6	55.2	56.4	57.0
11	Used light trucks (including utility vehicles)	69.7	79.8	80.7	85.5	83.6	86.6	88.1
12	Private fixed investment	232.9	235.1	231.6	231.1	227.9	229.8	227.1
13	New motor vehicles	319.4	327.1	325.8	326.5	318.2	317.4	316.6
14	Autos	104.7	96.8	97.7	92.7	84.9	81.8	80.3
15	Trucks	214.7	230.3	228.1	233.8	233.3	235.6	236.4
16	Light trucks (including utility vehicles)	158.7	182.3	183.0	189.8	189.9	187.8	186.1
17	Other	55.9	48.0	45.1	44.0	43.4	47.8	50.3
18	Net purchases of used autos and used light trucks	-86.5	-92.0	-94.2	-95.4	-90.2	-87.6	-89.5
19	Used autos	-40.3	-39.4	-40.2	-39.3	-34.7	-32.6	-33.2
20	Used light trucks (including utility vehicles)	-46.2	-52.6	-54.0	-56.1	-55.5	-55.0	-56.3
21	Gross government investment	17.3	19.9	21.3	19.4	19.5	19.8	20.0
22	Autos	2.8	2.9	2.7	2.9	2.9	2.8	2.9
23	Trucks	14.5	17.0	18.6	16.4	16.6	17.0	17.1
24	Net exports	-129.0	-133.4	-130.7	-139.1	-138.5	-140.6	-144.2
25	Exports	72.5	71.1	72.8	67.5	77.6	72.5	69.6
26	Autos	41.7	40.7	42.1	39.2	44.2	41.1	37.0
27	Trucks	30.8	30.4	30.7	28.3	33.4	31.5	32.6
28	Imports	201.5	204.5	203.5	206.7	216.1	213.1	213.8
29	Autos	128.2	132.2	134.1	132.4	130.6	129.0	127.9
30	Trucks	73.3	72.3	69.4	74.2	85.5	84.2	85.9
31	Change in private inventories	12.1	13.3	12.8	8.0	15.3	14.2	-16.8
32	Autos	3.4	5.6	8.0	2.4	0.0	3.5	-13.6
33	New	-3.3	-0.3	1.1	-2.3	-2.0	4.8	-12.8
34	Domestic	-2.4	0.3	3.9	-2.3	0.2	3.3	-15.4
35	Foreign	-0.9	-0.6	-2.8	0.0	-2.2	1.4	2.6
36	Used	6.7	5.9	6.9	4.7	2.0	-1.2	-0.8
37	Trucks	8.7	7.7	4.7	5.5	15.3	10.7	-3.2
38	New	5.4	4.8	1.2	3.1	12.2	10.2	-4.0
39	Domestic	3.0	2.7	-1.1	0.4	10.3	9.2	-3.5
40	Foreign	2.4	2.1	2.3	2.7	1.8	1.0	-0.4
41	Used ¹	3.3	2.9	3.5	2.5	3.1	0.5	0.8
	Addenda:							
42	Final sales of motor vehicles to domestic purchasers	653.5	664.8	668.3	678.1	665.2	664.3	675.5
43	Private fixed investment in new autos and new light trucks	263.4	279.1	280.7	282.5	274.7	269.6	266.3
44	Domestic output of new autos ²	114.5	108.1	110.2	103.1	97.5	93.2	76.6
45	Sales of imported new autos ³	111.5	101.9	104.3	100.2	100.5	97.4	100.1

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	475.8	483.3	488.2	485.9	476.8	477.8	459.7
2	Auto output	117.9	102.8	104.3	97.0	88.7	92.2	72.8
3	Truck output	355.1	376.1	379.5	383.8	382.4	380.2	379.6
4	Final sales of domestic product	465.3	471.5	476.8	478.7	463.3	465.2	474.7
5	Personal consumption expenditures	362.4	372.8	378.9	391.1	381.0	381.8	397.2
6	New motor vehicles	253.8	249.4	254.3	259.3	252.9	247.5	260.0
7	Autos	81.0	72.5	73.0	73.2	68.5	67.0	68.4
8	Light trucks (including utility vehicles)	171.9	175.6	179.9	184.5	182.6	178.8	189.6
9	Net purchases of used autos and used light trucks	111.6	126.4	127.6	135.0	131.2	137.7	140.6
10	Used autos	50.2	53.1	53.0	55.2	52.9	55.1	56.0
11	Used light trucks (including utility vehicles)	61.3	73.1	74.5	79.7	78.2	82.5	84.5
12	Private fixed investment	242.2	241.0	236.5	235.3	229.1	231.0	229.4
13	New motor vehicles	292.6	298.4	297.4	297.5	288.0	288.7	290.0
14	Autos	99.7	92.6	93.6	88.7	80.7	78.4	77.9
15	Trucks	192.0	204.3	202.5	207.0	205.2	208.0	209.8
16	Light trucks (including utility vehicles)	142.2	162.3	163.0	168.7	167.8	166.8	166.1
17	Other	49.9	42.2	39.6	38.4	37.6	41.4	43.7
18	Net purchases of used autos and used light trucks	-75.7	-82.4	-85.4	-86.5	-82.6	-81.5	-84.5
19	Used autos	-35.4	-35.4	-36.5	-35.8	-31.9	-30.5	-31.5
20	Used light trucks (including utility vehicles)	-40.4	-47.0	-48.8	-50.7	-50.6	-51.0	-52.9
21	Gross government investment	15.7	17.8	19.0	17.2	17.3	17.5	17.7
22	Autos	2.7	2.8	2.6	2.8	2.9	2.8	2.8
23	Trucks	12.9	14.9	16.3	14.4	14.4	14.7	14.9
24	Net exports	-131.7	-137.2	-135.1	-142.7	-143.7	-144.3	-148.6
25	Exports	67.3	65.7	67.3	62.3	71.2	66.9	64.0
26	Autos	40.4	39.8	41.3	38.7	43.6	40.6	36.6
27	Trucks	27.2	26.2	26.4	24.0	28.0	26.6	27.4
28	Imports	199.0	202.9	202.5	205.0	214.9	211.2	212.6
29	Autos	124.2	128.6	130.9	128.8	128.5	125.2	124.6
30	Trucks	74.4	73.8	70.9	75.7	86.2	85.9	87.9
31	Change in private inventories	11.0	12.2	11.7	7.4	14.7	14.1	-15.3
32	Autos	2.9	5.2	7.5	2.1	0.0	3.8	-13.5
33	New	-3.2	-0.3	1.1	-2.2	-1.9	4.6	-12.4
34	Domestic	-2.3	0.3	3.8	-2.2	0.2	3.2	-14.9
35	Foreign	-0.9	-0.6	-2.7	0.0	-2.2	1.4	2.5
36	Used	6.0	5.5	6.5	4.5	2.0	-1.0	-0.6
37	Trucks	7.9	7.0	4.3	5.1	14.1	10.0	-2.3
38	New	4.9	4.3	1.0	2.7	10.9	9.0	-3.1
39	Domestic	2.7	2.4	-1.0	0.3	9.2	8.1	-2.6
40	Foreign	2.4	2.1	2.3	2.6	1.8	1.0	-0.4
41	Used ¹	3.1	2.8	3.5	2.5	3.1	0.7	1.0
42	Residual	-0.2	0.6	0.1	0.8	2.9	2.4	3.7
	Addenda:							
43	Final sales of motor vehicles to domestic purchasers	596.2	607.8	611.2	620.5	604.8	607.7	621.6
44	Private fixed investment in new autos and new light trucks	242.7	256.5	258.2	259.5	250.9	247.6	246.5
45	Domestic output of new autos ²	110.8	105.1	107.3	100.5	94.6	90.8	75.1
46	Sales of imported new autos ³	106.0	97.4	99.9	95.9	95.5	93.3	97.1

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: Oct 27 2017 8:30AM - Next Release Date: Nov 29 2017 8:30AM

Line		2015	2016	2016		2017		
				Q3	Q4	Q1	Q2	Q3
1	Consumption of fixed capital	2,841.5	2,916.7	2,927.6	2,950.0	2,986.2	3,020.7	3,053.6
2	Private	2,319.6	2,390.5	2,400.7	2,421.2	2,452.5	2,484.0	2,513.2
3	Domestic business	1,846.9	1,895.3	1,900.9	1,914.3	1,940.9	1,964.2	1,985.1
4	Corporate business	1,525.1	1,563.2	1,567.4	1,577.9	1,599.7	1,618.8	1,635.3
5	Financial	189.0	198.3	199.8	202.2	200.3	202.7	204.5
6	Nonfinancial	1,336.1	1,364.9	1,367.7	1,375.6	1,399.5	1,416.1	1,430.8
7	Noncorporate business	321.8	332.1	333.5	336.4	341.2	345.4	349.8
8	Sole proprietorships and partnerships	271.2	279.3	280.2	282.4	286.7	290.3	293.8
9	Farm	32.6	33.4	33.5	33.8	34.0	34.2	34.5
10	Nonfarm	238.6	245.9	246.7	248.6	252.7	256.1	259.4
11	Other private business	50.6	52.8	53.2	54.0	54.4	55.1	55.9
12	Rental income of persons	43.6	45.5	46.0	46.6	46.9	47.5	48.3
13	Nonfarm tenant-occupied housing	40.4	42.2	---	---	---	---	---
14	Farm tenant-occupied housing	0.3	0.4	---	---	---	---	---
15	Farms owned by nonoperator landlords	0.3	0.3	---	---	---	---	---
16	Nonfarm nonresidential properties	2.6	2.7	---	---	---	---	---
17	Proprietors' income	7.0	7.2	7.3	7.4	7.5	7.6	7.7
18	Households and institutions	472.7	495.3	499.8	506.9	511.6	519.8	528.1
19	Owner-occupied housing	348.1	366.5	370.5	376.5	379.9	386.6	393.1
20	Nonprofit institutions serving households	124.6	128.8	129.3	130.4	131.7	133.2	135.0
21	Government	521.9	526.2	526.9	528.8	533.6	536.7	540.4
22	General government	456.7	459.8	460.3	461.6	464.3	467.2	470.3
23	Federal	263.9	263.7	263.7	264.0	265.1	265.8	266.4
24	State and local	192.9	196.1	196.6	197.6	199.2	201.4	204.0
25	Government enterprises	65.2	66.4	66.6	67.2	69.3	69.5	70.1
26	Federal	7.5	7.6	7.6	7.7	7.7	7.8	7.8
27	State and local	57.8	58.8	59.0	59.6	61.6	61.7	62.3
28	Addendum: Nonfarm business	1,863.5	1,911.6	1,917.4	1,930.8	1,959.1	1,982.3	2,003.4

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 2017 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 2016. In column 2, information about the sources of data and the methods used to prepare the estimates for the comprehensive benchmark updates and for the annual updates in non-benchmark years are presented. Major differences between the data and methods used in the benchmark updates and those used in the annual updates are also 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

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, Vijay Khosa, and Kelly Ramey, “The 2017 Annual Update of the National Income and Product Accounts,” *SURVEY OF CURRENT BUSINESS* 97 (August 2017).

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.

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

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

accounts (ITAs) that are prepared by BEA.⁴ As noted in 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 Eric Bryda, C. Omar Kebeh, and Daniel H. Meier, "Annual Update of the U.S. International Transactions Accounts" SURVEY 97 (July 2017).

5. Quarterly estimates are presented in the 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*, 4–9.

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

8. For additional information, see "Estimating Methods," 4–12.

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 \$18,624.5 billion for 2016		
Personal consumption expenditures (\$12,820.7 billion)		
Goods (\$4,121.4 billion)		
Durable goods (\$1,411.0 billion)		
Motor vehicles and parts (\$480.8 billion)	<p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p>
Furnishings and durable household equipment (\$325.2 billion)	<p>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.</p> <p>Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. Retail-control method, using Census Bureau monthly survey of retail trade.</p>	<p>Same as the annual estimates for the most recent year.</p>
Recreational goods and vehicles (\$385.5 billion)	<p>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.</p> <p>Other years except the most recent year. For prerecorded audio discs, vinyl, and permanent digital downloads, sales of physical media and permanent digital downloads from a trade source. For all others, retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. For prerecorded audio discs, vinyl, and permanent digital downloads, sales of physical media and permanent digital downloads from a trade source. For all others, retail-control method, using Census Bureau monthly survey of retail trade.</p>	<p>For prerecorded audio discs, vinyl, and permanent digital downloads, quantity purchased times consumer price: quantity purchased data from a trade source times the CPI for recorded music and music subscriptions. For all others, same as the annual estimates for the most recent year.</p>
Other durable goods (\$219.6 billion)	<p>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.</p> <p>Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. Retail-control method, using Census Bureau monthly survey of retail trade.</p>	<p>Same as the annual estimates for the most recent year.</p>
Nondurable goods (\$2,710.4 billion)		
Food and beverages purchased for off-premises consumption (\$915.1 billion)	<p>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.</p> <p>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.</p> <p>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.</p>	<p>For food produced and consumed on farms, judgmental trend. For all others, same as the annual estimates for the most recent year.</p>

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
Clothing and footwear (\$393.7 billion)	<p>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.</p> <p>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.</p> <p>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.</p>	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 (\$273.7 billion)	<p>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.</p> <p>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.</p> <p>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.</p>	Same as the annual estimates for the most recent year.
Other nondurable goods (\$1,128.0 billion)	<p>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.</p> <p>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.</p> <p>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.</p>	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 (\$8,699.3 billion)		
Household consumption expenditures (for services) (\$8,340.4 billion)		
Housing and utilities (\$2,331.5 billion)	<p>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.</p> <p>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.</p> <p>Most recent year. For electricity and gas, residential revenue from EIA. For all others, same as for other years.</p>	<p>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 estimate, judgmental trend; second and third estimates, 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-feet 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.</p>
Health care (\$2,163.7 billion)	<p>Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census and census of governments.</p> <p>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.</p>	<p>For government hospitals, judgmental trend. For dental services, advance and second estimates, judgmental trend; third estimate, receipts from Census Bureau quarterly services survey. For all others, advance estimate, wages and salaries derived from BLS monthly employment times earnings times hours and judgmental trend; second and third estimates, receipts from Census Bureau quarterly services survey.</p>
Transportation services (\$392.5 billion)	<p>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.</p> <p>Other years. For air transportation, same as benchmark years. For all others, receipts from Census Bureau service annual survey, ARTS, and trade sources.</p>	<p>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 estimate, trade source data; second and third estimates, receipts from Census Bureau quarterly services survey. For all others, trade sources and judgmental trend.</p>
Recreation services (\$492.6 billion)	<p>Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, and trade sources.</p> <p>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.</p>	<p>For membership clubs, sports centers, parks, theaters and museums (except motion picture theaters), 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 cable television, advance estimate, judgmental trend; second and third estimates, 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.</p>

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 (\$849.2 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 (\$984.7 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 (\$1,126.1 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 legal services, for funeral services, for personal care and clothing services, and for internet service providers, advance estimate, judgmental trend; second and third estimates, receipts from Census Bureau quarterly services survey. For commercial and vocational schools, for day care and nursery schools, for nonprofit professional associations 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 (\$358.9 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 (\$3,022.1 billion)		
Nonresidential structures (\$516.2 billion)		
Commercial and health care (\$166.6 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 (\$73.1 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates.
Power and communication (\$118.6 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates.
Mining exploration, shafts, and wells (\$63.4 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 (\$94.5 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 (\$1,043.9 billion)		
Equipment except new autos, new light trucks, and net purchases of used autos and used light trucks (\$856.9 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 (\$187.1 billion)	See the entry "Motor vehicles and parts" under "Personal consumption expenditures."	See the entry under "Personal consumption expenditures."
Nonresidential intellectual property products (\$756.2 billion)		
Software (\$352.8 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 estimate, judgmental trend; second and third estimates, receipts from Census Bureau quarterly services survey. For own-account software, BLS monthly current employment statistics for select industries.
Research and development (\$320.8 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.

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 (\$82.6 billion)	Benchmark years. BEA's benchmark input-output accounts. Other years. Revenues from Census Bureau service annual survey, adjusted for nonartwork costs.	For advance estimate, judgmental trend. For second estimate, revenues from Census Bureau quarterly services survey and judgmental trend. For third estimate, revenues from Census Bureau quarterly services survey.
Residential investment (\$705.9 billion) ²		
Permanent-site new single-family structures (\$242.5 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 (\$60.5 billion)	Construction spending (value put in place) from Census Bureau monthly construction survey.	Same as the annual estimates.
Manufactured homes (\$8.6 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 (\$226.0 billion)	Benchmark years. Construction spending (value put in place) from Census Bureau construction survey. Others 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 (\$155.9 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 (\$10.1 billion)	See the entry "Furnishings and durable household equipment" under "Personal consumption expenditures."	Same as the annual estimates.
Change in private inventories (\$35.1 billion)		
Farm (-\$0.6 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 (\$37.0 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 (−\$1.3 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 (−\$521.2 billion)		
Exports and imports of goods, net (−\$778.2 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 (\$257.0 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 (\$3,267.8 billion)		
Federal government (\$1,231.5 billion)		
National defense except consumption of general government fixed capital (\$569.9 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 pension plan 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 (\$159.0 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 (\$397.9 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 (\$104.7 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 (\$2,036.3 billion)		
Consumption expenditures and gross investment except those items listed below (\$208.7 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 (\$1,318.0 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 (\$196.1 billion)	Perpetual-inventory method based on gross investment estimates and on investment prices.	Same as the annual estimates.
Structures (\$264.4 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 (\$36.3 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 (\$12.8 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 \$18,771.6 billion for 2016		
Compensation of employees, paid (\$9,992.2 billion)		
Wage and salaries (\$8,098.8 billion)		
Private industries (\$6,777.8 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 (\$336.4 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 (\$971.1 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 (\$1,309.8 billion) ³		
Private pension plans (\$242.3 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 (\$281.0 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 (\$691.3 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 (\$13.3 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 (\$74.6 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 (\$6.9 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 (\$583.6 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 (\$1,288.0 billion)		
Federal government (\$137.0 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 (\$1,151.0 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 and second estimates: 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 (\$61.8 billion)		
Federal government (\$61.3 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 (\$4,636.5 billion)		
Private enterprises (\$4,646.6 billion)		
Net interest and miscellaneous payments, domestic industries (\$754.6 billion)		
Domestic monetary interest, net (-\$53.2 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 (\$788.7 billion)		
Banks, credit agencies, and investment companies (\$333.2 billion)		
Depositor services (\$287.3 billion)	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 (\$45.9 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 (\$263.2 billion)	All years. Property income earned on investment of policyholders' reserves from trade source.	Judgmental trend.
Property and casualty insurance companies (\$0.7 billion)	All years. Expected investment income derived using premiums earned and investment gains from trade source.	Judgmental trend.
Employee pension plans (\$191.6 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 (\$18.1 billion)		
Federal government rents and royalties (\$4.7 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 (\$13.3 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) (\$164.0 billion)		
To persons (net) (\$57.4 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) (\$105.9 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) (\$0.7 billion)	Estimated as part of the international transactions accounts.	Same as the annual estimates.
Proprietors' income with inventory valuation and capital consumption adjustments (\$1,341.9 billion)		
Farm proprietors' income with inventory valuation adjustment (\$49.2 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 (-\$6.1 billion)	See the entry "Less: capital consumption adjustment" under "Consumption of fixed capital."	See the entry under "Consumption of fixed capital."
Nonfarm proprietors' income (\$1,075.7 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 (-\$0.3 billion)	See the entry "Inventory valuation adjustment" under "Corporate profits."	See the entry under "Corporate profits."
Nonfarm capital consumption adjustment (\$223.4 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 (\$707.3 billion)		
Owner-occupied nonfarm housing (\$486.8 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 (\$151.2 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 (\$4.1 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 (\$0.4 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 (-\$0.6 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 (\$45.8 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 (\$1,678.7 billion)		
Domestic profits before tax (\$1,764.2 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) (\$2.7 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 (-\$88.2 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 (-\$10.1 billion)		
Federal government (-\$3.5 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 (-\$6.6 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 (\$2,916.7 billion)		
Government (\$526.2 billion)		
General government (\$459.8 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Government enterprises (\$66.4 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Private (\$2,390.5 billion)		
Domestic business (\$1,895.3 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Capital consumption allowances (\$2,005.6 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 (\$110.3 billion)	The difference between capital consumption allowances and consumption of fixed capital.	Same as the annual estimates.
Households and institutions (\$495.3 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.	
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.	Quantity extrapolation. Footage by geographic area from trade source, for drilling.
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.	
New autos, new light trucks, and net purchases of used autos and used light trucks	CPI, for new autos and new light trucks.	.....	Direct valuation. For used autos and used light trucks, see the entry "Motor vehicles and parts" under "Personal consumption expenditures."
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		
Improvements	.....	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.	
Brokers' commissions and other ownership transfer costs	PPI		
Equipment	CPI		
Change in private inventories			
Farm	.....	USDA average market prices.	
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.	Direct valuation. Quantities and prices of stocks of coal, petroleum, and natural gas from EIA, for utilities.
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, semiconductor 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; BLS employment cost indexes, for some services; cost indexes from trade sources and government agencies, for military and 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; 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.

BEA BRIEFING

American Multinationals and American Interests 40 Years Later What Have We Learned From Research Using BEA Data?

By *Raymond J. Mataloni Jr.*

A LONGSTANDING QUESTION about U.S. multinational enterprises (MNEs) is how their foreign operations affect U.S. workers. When a U.S. MNE expands abroad, one might ask why the firm chose to locate its production operations abroad rather than in the United States. As Bergsten, Horst, and Moran note in their seminal work *American Multinationals and American Interests* (1978, 6): “The central question in assessing the impact on the U.S. economy of foreign investment is how the actual event compares with what would have happened otherwise.” In the foreword of that book, Bruce MacLaury notes that answering this question had, until then, been frustrated by inadequate data, inappropriate theories and analytical methods, and complex interactions between the economics and politics of foreign investment. The purpose of this briefing is to take stock of where we stand nearly 40 years later in answering this question and related questions about the effects of U.S. MNEs on the U.S. economy. Specifically, it offers a summary of how improvements in the business confidential data, or “microdata,” that the Bureau of Economic Analysis (BEA) collects on the activities of multinational enterprises (AMNEs) and on trade in services and how improvements in access to the data have advanced our understanding of these issues.

Over the past 40 years, BEA has greatly expanded its AMNE statistics. When Bergsten, Horst, and Moran released their book, BEA had a program to collect information on the global operations of U.S. MNEs, which was authorized under the International Investment Survey Act of 1976, which was later amended as the International Investment and Trade in Services Survey Act (Survey Act).¹ The data, however, were col-

lected at infrequent intervals, roughly every 5 years. Beginning in July 1984, the U.S. Office of Management and Budget approved an annual survey, beginning with the reference year 1983, and surveys have been conducted annually ever since. The availability of annual data ensures that the series is kept up-to-date and that researchers can separate the effects of business cycles from structural changes in the activities of U.S. MNEs. Data are collected each year, but the most complete AMNE data are collected every 5 years in benchmark surveys.

Over the same period, BEA greatly expanded its statistics on U.S. trade in services. The Trade and Tariff Act of 1984 provided the President with specific authority to include services in trade negotiations with other countries. To support these activities, the Act provided for mandatory reporting of trade in services to the federal government and several other key provisions that allowed a significant expansion in BEA statistics on U.S. international trade in services. BEA has used this authority to collect information on services trade using business surveys. The Omnibus Trade and Competitiveness Act of 1988 extended and built on these provisions. Within this expanded legal framework, BEA has worked steadily to improve the coverage, specificity, and international comparability of its statistics on trade in services. The improvements in the 1980s, 1990s, and early 2000s are summarized in Ascher and Whichard (1991) and in the appendix of Whichard and Borga (2002). More recent improvements are described in the series of articles in BEA’s monthly journal the SURVEY OF CURRENT BUSINESS that describe the annual updates to the international transactions accounts as well as the articles that describe the 2014 comprehensive restructuring of the U.S. international economic accounts. Data are collected each

1. Public Law 94–472, §3, October 11, 1976, 90 Statute. 2060, as amended.

BEA wishes to thank the following people who made valuable suggestions or who have otherwise contributed to the preparation of the manuscript: Heather K. Berry,

Maria Borga, C. Fritz Foley, Elizabeth W. Handwerker, J. Brad Jensen, Rebecca C. Lester, and William J. Zeile.

quarter, but the most complete data on trade in service are collected every 5 years in benchmark surveys.²

Along with these expansions in data collection, BEA has greatly expanded access to the microdata to guest researchers, recognizing that some research requires data at a more detailed level than that provided in publicly disseminated tabulations. Before the establishment of a formal guest researcher program, BEA had on occasion provided selected academic economists with access to its confidential survey data for research purposes. Foremost among these early researchers was Robert E. Lipsey, who was also a very prolific user of BEA's published data on international direct investment and multinational company operations.³ In 1991, BEA initiated a formal guest researcher program that permits qualified academic researchers with approved projects to work on site as unpaid special sworn employees of the Bureau for the purpose of conducting analytical and statistical studies using the microdata on MNEs and international service transactions.⁴ The main impetus for the creation of this program was the enactment of the Foreign Direct Investment and International Financial Data Improvements Act of 1990, which provided for an exchange of data between BEA, the Census Bureau, and the Bureau of Labor Statistics (BLS) to produce more detailed information on foreign direct investment in the United States (FDIUS) and which mandated an annual report on FDIUS to Congress by the Secretary of Commerce. In response, BEA developed guidelines that specify the conditions under which access to BEA business confidential data on both U.S. direct investment abroad (outbound foreign direct investment), and on foreign direct investment in the United States (inbound foreign direct investment) col-

lected under the International Investment and Trade in Services Survey Act would be granted to designated employees of those agencies. For guest academic researchers, the guidelines specify the procedures under which BEA would provide access to its business confidential data to non-government "experts and consultants" designated as special sworn employees of the Bureau for the purpose of carrying out projects under the Survey Act with the same legal obligation to maintain the confidentiality of the microdata as BEA employees. Currently, BEA guest researchers must work on site at BEA headquarters and are granted access only to microdata from BEA surveys. BEA is arranging

“..the expansion of BEA surveys of the activities of U.S. MNEs has greatly expanded our knowledge of how investment abroad by these firms can affect the U.S. economy.”

to house its survey microdata in the Federal Statistical Research Data Centers (FSRDCs), a partnership of federal statistical agencies and leading research institutions. Under this arrangement, BEA special sworn employees will be able to access the BEA microdata at participating research institutions and to combine BEA microdata with

microdata from other participating federal statistical agencies, such as the Census Bureau, subject to the approval of the agencies involved.

The creation of the special sworn employee program has allowed researchers to probe the question of how investment abroad by U.S. MNEs affects U.S. workers. One difficulty in answering this question is that not all foreign investments of U.S. MNEs are undertaken for the same reasons. Some investments are *market seeking*, in which an MNE goes abroad to produce goods and service close to its foreign customers. In the literature, this type of investment is often referred to as *horizontal* foreign direct investment (FDI). Other investments are *resource seeking*, in which an MNE goes abroad to be close to inputs to its production process, including, for example, natural resources, favorable labor markets, and external economies. In the literature, this type of investment is often referred to as *vertical* FDI.

Three of the most widely cited studies that are based on microdata from BEA AMNE surveys are Brainard and Riker (2001), Harrison and McMillan (2011), and Desai, Foley, and Hines (2009). All three of the studies explore the relationship between domestic and foreign employment of U.S. MNEs in the manufacturing sector. The Brainard and Riker and Harrison and McMillan studies use a similar methodology, estimating an implied cross elasticity of substitution for labor across different geographic locations of a U.S. MNE. Brainard

2. Although the AMNE surveys are conducted annually and the services surveys are conducted quarterly, some surveys are more comprehensive than others. Benchmark surveys (or censuses), which are currently conducted every 5 years, are the most comprehensive surveys in two respects: (1) They collect more data items, and (2) they cover the entire survey population—or universe. In nonbenchmark years, BEA conducts sample surveys in which reports are not required for smaller entities, in order to reduce the reporting burden on the U.S. companies that must file. Instead, BEA estimates the data for these entities by extrapolating forward their data from the most recent benchmark survey on the basis of the movement of the sample data. Thus, provisions are made toward making coverage of the survey universe complete in nonbenchmark as well as in benchmark periods.

3. For a brief survey of Lipsey's research and an accompanying list of papers, see the "Introduction" (Blomstrom and Goldberg 2001).

4. More information about [BEA's guest researcher program](#) is available on the [BEA Web site](#).

and Riker use data for 1983–92 and find weak evidence that foreign labor substitutes for domestic labor, but they find strong evidence for MNEs' substituting labor across foreign locations. Harrison and McMillan use data for 1982–99 and find that workers of affiliates located in low-income countries substitute for U.S. parent workers if they don't allow for the motive for investment (horizontal versus vertical). When allowing for the motive (by adding an explanatory variable that explores the relationship between production sharing between U.S. parents and their foreign affiliates and affiliate wages), they find that U.S. parent workers and workers in affiliates located in low-income countries are complements; however, workers in high-income affiliates substitute for U.S. parent workers. They conclude that the evidence on the link between foreign affiliate employment and U.S. parent employment is mixed and that the effect depends on both the type and the location of foreign investment.

Desai, Foley, and Hines use a different methodology that better isolates the effects of expansion abroad on domestic employment of U.S. MNEs. The authors use data for 1982–2004 to compare the actual domestic employment outcomes of U.S. MNEs against forecasts of their foreign employment outcomes based on geographic patterns in their foreign operations in a base year. This method helps to eliminate the effects of events that occur during the period that can simultaneously impact domestic and foreign operations of a firm, such as the launch of a new product. They find that foreign labor and domestic labor of U.S. MNEs are complementary.

Together, these studies have made the fullest possible use of BEA data to understand this question, yet because of data limitations, they have not been able to examine some important aspects of the question, such as the employment impact at the individual plant level or the outcomes for similar U.S. firms that did not invest abroad. Given these data limitations and the sometimes conflicting results of the three studies, many researchers believe that definitive evidence is lacking on the domestic employment effects of outward investment by U.S. MNEs. The added richness of the data sets that will be created by linking microdata from BEA surveys to microdata from other federal statistical agencies under the FSRDC program could yield more conclusive results.

It is beyond the scope of this briefing to provide a comprehensive list of the relevant studies, but the fol-

lowing studies are indicative.⁵

- Hanlon, Lester, and Verdi (2015) build on the results of Foley and others (2007), finding that the relatively high U.S. corporate tax rate, which gives U.S. MNEs an incentive to stockpile cash abroad, can lead these firms to undertake suboptimal investments abroad rather than invest the cash in their U.S. operations. Other studies have demonstrated that these results do not suggest that all cash that MNEs stockpile abroad would otherwise be invested in the United States. For example, Dharmapala, Foley, and Forbes (2011) find that the Homeland Investment Act of 2004, which provided a large temporary reduction in repatriated foreign earnings, tended to result in financial investments, such as share repurchases, rather than investment in U.S. production. Lester (2016) also demonstrates the limited effect of tax incentives on domestic investment by U.S. MNEs.

- Berry (2014) combines BEA survey microdata for U.S. MNEs in manufacturing with patent data from the United States Patent and Trademark Office to examine conditions that enable MNEs to both produce and benefit from collaborative innovations across parent companies and their subsidiaries abroad. Her results show that manufacturing integration leads to collaborative innovations that bring together diverse knowledge that is significantly more likely to be used in subsequent innovations by MNEs than in innovations created by individual foreign subsidiaries acting alone.

- Yeaple (2009) builds on earlier theoretical work to show that domestic manufacturing firms face progressively higher cost barriers as they deepen their global engagement and that only the most productive firms are able to overcome all of these barriers; that is, firms must overcome certain costs, such as learning how to market to foreign customers, to become successful exporters, and they must overcome additional costs associated with operating a business in a foreign country to serve foreign customers through FDI successfully. His research confirms earlier studies, such as Doms and Jensen (1998), that show that MNEs tend to be more productive than other firms in their industries. It also suggests that this productivity advantage allows

“The creation of the special sworn employee program has allowed researchers to probe the question of how investment abroad by U.S. MNEs affects U.S. workers.”

5. A complete list of papers by BEA special sworn employees is available on the BEA Web site.

them to reach more foreign customers than less productive firms both through investing in a larger number of foreign countries and through selling more in each country in which they operate.

In addition to its special sworn employee program, BEA engages in joint microdata linking projects with the Census Bureau and BLS. The following is an example of a relevant research paper from those initiatives.

- Handwerker, Kim, and Mason (2011) use manufacturing sector data from the BEA 2004 benchmark survey of outbound FDI linked to BLS employment surveys to show that U.S. MNEs tend to employ a higher skilled and higher wage domestic workforce than other firms in their industries.

BEA research staff also conducts research using the microdata from BEA's direct investment and trade in services surveys. For example, Ibarra-Caton and Mataloni (in press) use linked data from BEA's MNE and trade-in-services surveys to show that when U.S. MNEs in manufacturing are engaged in a global value chain with a foreign affiliate, they tend to export more headquarters-type services to that affiliate than they do to other affiliates. The results suggest that these production arrangements create a division of labor within the MNE that supports high-skill, high-wage jobs in the United States.

In summary, the expansion of BEA surveys of the activities of U.S. MNEs has greatly expanded our knowledge of how investment abroad by these firms can affect the U.S. economy. Yet much work remains to be done, particularly with regard to understanding the employment effects of U.S. MNE investments abroad and the domestic effects of U.S. MNE investments abroad in non-manufacturing industries.

References

- Ascher, Bernard, and Obie G. Whichard. 1991. "Developing a Data System for International Sales of Services: Progress, Problems, and Prospects." In *International Economic Transactions: Issues in Measurement and Empirical Research*, edited by Peter Hooper and J. David Richardson, 203–234. Chicago: University of Chicago Press, for the National Bureau of Economic Research.
- Bergsten, C. Fred, Thomas Horst, and Theodore H. Moran. 1978. *American Multinationals and American Interests*. Washington, DC: Brookings Institution.
- Berry, Heather. 2014. "Global Integration and Innovation: Multicountry Knowledge Generation Within MNCs." *Strategic Management Journal* 35 (June): 869–890.
- Blomstrom, Magnus, and Linda S. Goldberg, editors. 2001. *Topics in Empirical International Economics: A Festschrift In Honor of Robert E. Lipsey*. Chicago: University of Chicago Press, for the National Bureau of Economic Research.
- Brainard, S. Lael, and David A. Riker. 2001. "Are U.S. Multinationals Exporting U.S. Jobs?" In *Globalization and Labour Markets*, Volume 2, edited by David Greenaway and Douglas Nelson, 410–426. Cheltenham, United Kingdom: Elgar.
- Desai, Mihir A., C. Fritz Foley, and James R. Hines. 2009. "Domestic Effects of the Foreign Activities of U.S. Multinationals." *American Economic Journal: Economic Policy* 1, no.1, 181–203.
- Dharmapala, Dhammika, C. Fritz Foley, and Kristin J. Forbes. 2011. "Watch What I Do, Not What I Say: The Unintended Consequences of the Homeland Investment Act." *The Journal of Finance* 66, no. 3, 753–787.
- Doms, Mark E., and J. Bradford Jensen. 1998. "Comparing Wages, Skills, and Productivity Between Domestically and Foreign-Owned Manufacturing Establishments in the United States." In *Geography and Ownership as Bases for Economic Accounting*, edited by Robert E. Baldwin, Robert E. Lipsey, and J. David Richardson, 235–258. Chicago, IL: University of Chicago Press, for the National Bureau of Economic Research.
- Foley, C. Fritz, Jay C. Hartzell, Sheridan Titman, and Garry Twite. 2007. "Why Do Firms Hold So Much Cash? A Tax-Based Explanation." *Journal of Financial Economics* 86, no. 3, 579–607.
- Handwerker, Elizabeth, Mina M. Kim, and Lowell Mason. 2011. "Domestic Employment in U.S.-Based Multinational Companies." *Monthly Labor Review* (October).
- Hanlon, Michelle, Rebecca Lester, and Rodrigo Verdi. 2015. "The Effect of Repatriation Tax Costs on U.S. Multinational Investment." *Journal of Financial Economics* 116, no.1, 179–196.
- Harrison, Ann E., and Margaret S. McMillan. 2011. "Outsourcing Jobs? Multinationals and U.S. Employment." *Review of Economics and Statistics* 93, no. 3 (August): 857–875.
- Ibarra-Caton, Marilyn, and Raymond J. Mataloni Jr. In press. "Headquarter Services in the Global Integration of Production." *Journal of International Management*.
- Lester, Rebecca. 2016. "Made in the USA? A Study of Firm Responses to Domestic Production Incentives." Stanford Graduate School of Business Working Paper.
- Whichard, Obie G., and Maria Borga. 2002. "Selected Issues in the Measurement of U.S. International Services" *SURVEY OF CURRENT BUSINESS* 82 (June): 36–56.
- Yeaple, Stephen Ross. 2009. "Firm heterogeneity and the Structure of U.S. Multinational Activity." *Journal of International Economics* 78, no. 2 (May): 206–215.

Personal Consumption Expenditures by State

New Statistics for 2016 and Updated Statistics for 2014 and 2015

By Christian Awuku-Budu, Terence Fallon, Solomon Kublashvili, and Steven Zemanek

ON OCTOBER 4, 2017, the Bureau of Economic Analysis (BEA) released current-dollar statistics on personal consumption expenditures (PCE) by state for 2016. Current-dollar PCE grew 4.0 percent nationwide in 2016, ranging from a low of 0.2 percent in North Dakota to a high of 6.2 percent in Utah (chart 1). Most states' PCE growth in 2016 was similar to growth in 2015, as PCE growth nationwide was identical for both years (table 1).

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 household consumption patterns across states and over time, and show how households allocate their spending between goods and services or between necessities and discretionary items. PCE by state statistics complement

BEA's other regional statistics, including personal income and GDP by state, and can be used to show how consumers adjust their spending in reaction to economic developments.

While PCE grew 4.0 percent nationwide, per capita PCE grew 3.2 percent. The per capita measure removes the effect of population change from the growth rate. States with the fastest PCE growth were not necessarily the states with the fastest per capita PCE growth. Hawaii (4.9 percent), California (4.2 percent), and Utah (4.1 percent) had the fastest per capita PCE growth in 2016 (table 2). Utah, which was the fastest-growing state for total PCE, was the third fastest growing state on a per capita basis because it was the state with the fastest population growth in 2016. Colorado and Idaho, also states with fast PCE growth in 2016, are not among the top five fastest growing states on a per capita basis, also because of strong population growth.

Chart 1. Percent Change in Total Personal Consumption Expenditures by State, 2015–2016

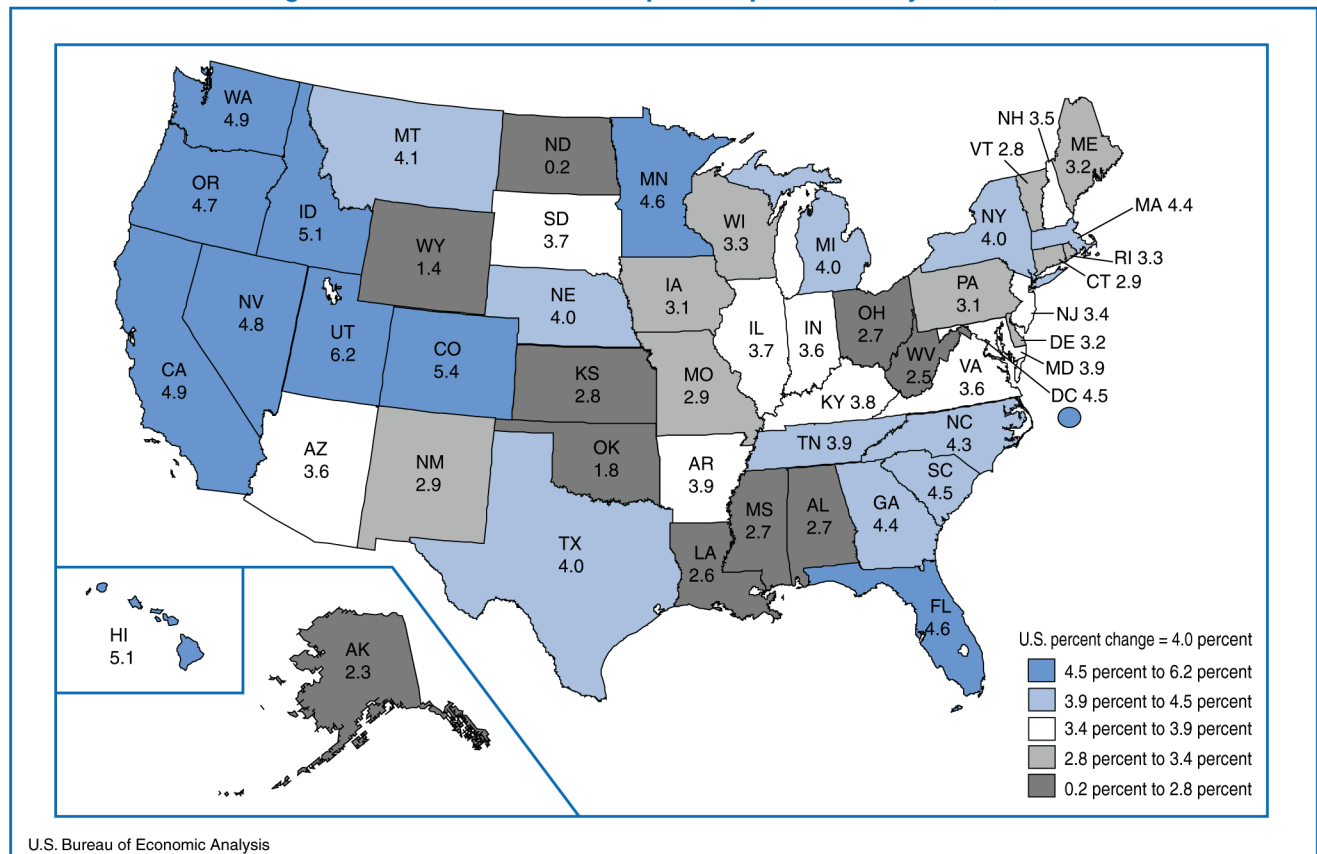


Table 1. Total Personal Consumption Expenditures (PCE) by State, Percent Change from Preceding Period, 2015 and 2016

Area	2015	2016
United States¹	4.0	4.0
New England	3.5	3.7
Connecticut.....	2.3	2.9
Maine.....	2.4	3.2
Massachusetts.....	4.6	4.4
New Hampshire.....	2.9	3.5
Rhode Island.....	3.4	3.3
Vermont.....	2.7	2.8
Mideast	3.3	3.6
Delaware.....	3.9	3.2
District of Columbia.....	5.3	4.5
Maryland.....	3.7	3.9
New Jersey.....	3.3	3.4
New York.....	3.3	4.0
Pennsylvania.....	3.0	3.1
Great Lakes	3.3	3.5
Illinois.....	3.6	3.7
Indiana.....	2.9	3.6
Michigan.....	3.7	4.0
Ohio.....	3.0	2.7
Wisconsin.....	3.0	3.3
Plains	3.4	3.4
Iowa.....	2.8	3.1
Kansas.....	2.9	2.8
Minnesota.....	4.1	4.6
Missouri.....	3.4	2.9
Nebraska.....	3.3	4.0
North Dakota.....	2.4	0.2
South Dakota.....	3.2	3.7
Southeast	4.2	4.0
Alabama.....	2.6	2.7
Arkansas.....	2.7	3.9
Florida.....	6.1	4.6
Georgia.....	3.9	4.4
Kentucky.....	3.5	3.8
Louisiana.....	3.1	2.6
Mississippi.....	2.3	2.7
North Carolina.....	4.0	4.3
South Carolina.....	3.8	4.5
Tennessee.....	4.1	3.9
Virginia.....	3.5	3.6
West Virginia.....	2.7	2.5
Southwest	3.9	3.7
Arizona.....	3.4	3.6
New Mexico.....	2.5	2.9
Oklahoma.....	2.3	1.8
Texas.....	4.4	4.0
Rocky Mountain	5.3	5.2
Colorado.....	5.7	5.4
Idaho.....	4.8	5.1
Montana.....	4.8	4.1
Utah.....	5.8	6.2
Wyoming.....	1.6	1.4
Far West	4.9	4.8
Alaska.....	3.2	2.3
California.....	5.0	4.9
Hawaii.....	4.1	5.1
Nevada.....	4.5	4.8
Oregon.....	5.6	4.7
Washington.....	5.0	4.9

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.

Per Capita PCE by State, 2016

Per capita PCE by state ranged from \$51,981 in Massachusetts to \$30,200 in Mississippi (chart 2). Per capita PCE in the District of Columbia was \$56,843.

Health care and housing and utilities, the two biggest expenditure categories, were the largest contributors to growth in PCE in 2016.

Housing and utilities

Per capita housing and utilities expenditures were the largest budget share—the ratio of per capita expenditures for a category to total per capita PCE—across all PCE categories nationwide. Per capita expenditures on housing and utilities were \$7,215 nationwide in 2016,

accounting for an 18.2 percent share of all expenditures. New Jersey (\$9,846), Maryland (\$9,738), and Connecticut (\$9,734) had the highest per capita expenditures on housing and utilities, while Arkansas (\$4,791), West Virginia (\$4,872), and Mississippi (\$4,976) had the lowest (table 3).

States with high (low) per capita expenditures on housing and utilities typically correspond to high (low) per capita budget shares. The comparative cost for rents, as measured by the regional price parities, reflected the same trend.¹ For example, the per capita housing and utilities budget shares were larger in Maryland (21.8 percent), New Jersey (20.1 percent), and Connecticut (20.1) than in West Virginia (14.2 percent), Arkansas (15.4 percent) and Mississippi (16.5 percent). Regional price parities for rents were similarly higher in New Jersey (132.8), Maryland (123.9), and Connecticut (116.8) and lower in Mississippi (63.1), Arkansas (63.9), and West Virginia (66.0).

1. Regional price parities (RPPs) are regional price levels expressed as a percentage of the overall national price level for a given year. The price level is determined by the average prices paid by consumers for the mix of goods and services consumed in each region.

Table 2. Percent Change From Preceding Period for States With the Largest Growth in PCE and Per Capita PCE, 2016

	Growth in PCE	Growth in per capita PCE	Population growth
States with largest growth based on PCE			
United States.....	4.0	3.2	0.7
Utah.....	6.2	4.1	2.0
Colorado.....	5.4	3.6	1.7
Hawaii.....	5.1	4.9	0.2
Idaho.....	5.1	3.2	1.8
California.....	4.9	4.2	0.7
States with largest growth based on per capita PCE			
United States.....	4.0	3.2	0.7
Hawaii.....	5.1	4.9	0.2
California.....	4.9	4.2	0.7
Utah.....	6.2	4.1	2.0
Massachusetts.....	4.4	4.0	0.4
New York.....	4.0	4.0	0.0

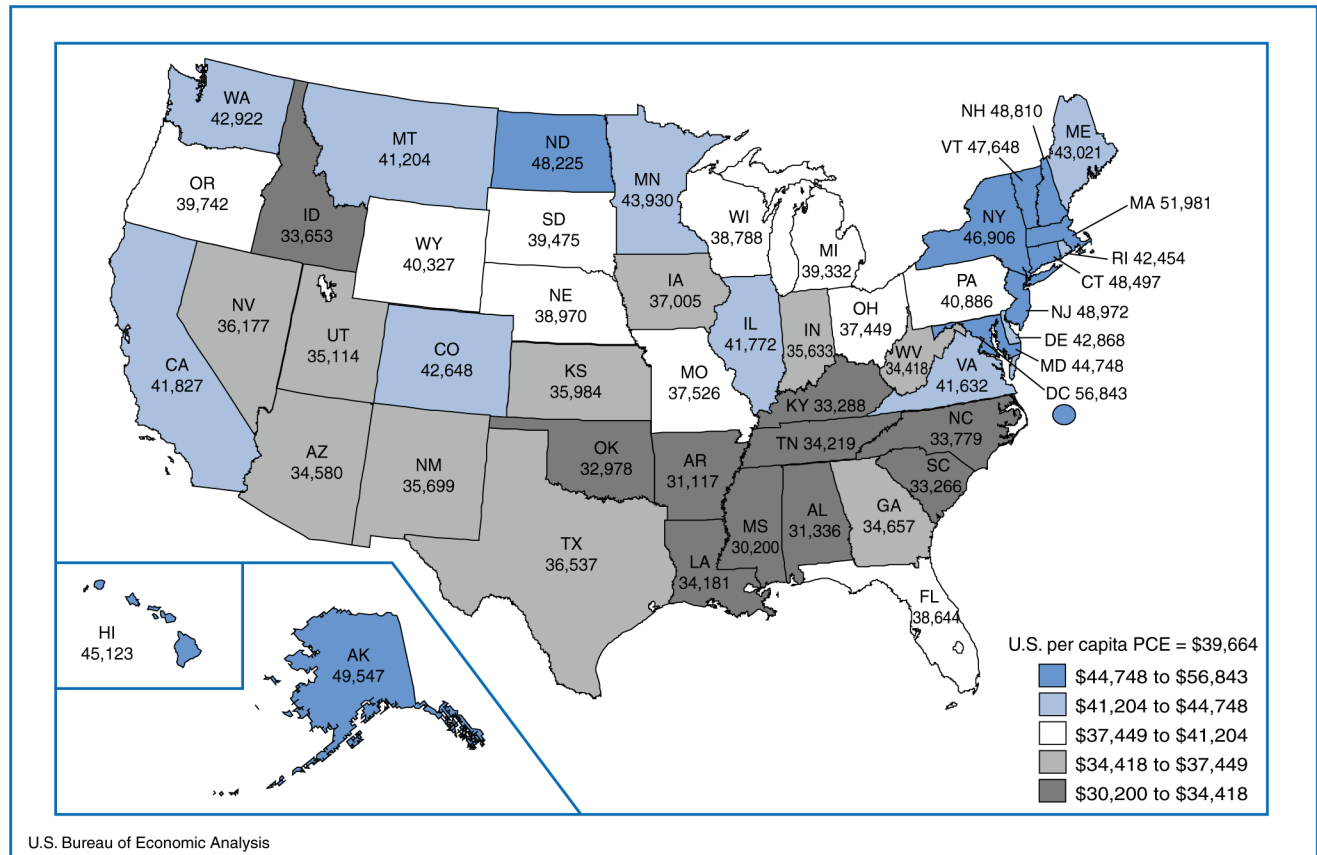
PCE Personal consumption expenditures

Table 3. Per Capita PCE for Housing and Utilities for Selected States, 2016

	Per capita PCE by state (dollars)	Per capita PCE budget share	Regional price parities for rents
United States.....	7,215	18.2	101.1
Largest per capita PCE			
New Jersey.....	9,846	20.1	132.8
Maryland.....	9,738	21.8	123.9
Connecticut.....	9,734	20.1	116.8
Smallest per capita PCE			
Arkansas.....	4,791	15.4	63.9
West Virginia.....	4,872	14.2	66.0
Mississippi.....	4,976	16.5	63.1

PCE Personal consumption expenditures

Chart 2. Per Capita Total Personal Consumption Expenditures by State, 2016



Data and Methodology

The PCE by state statistics use detailed source data by state to create an initial set of annual expenditure estimates for detailed categories.¹ Then, the national PCE categories are allocated to the states using the initial expenditure estimates and aggregated to the publication level.² Finally, the expenditures are adjusted for residency when evaluation indicates out-of-state spending exists.

Three primary methods are used to create the initial detailed PCE by state estimates: receipts and expenditures, price times quantity, and other methods. The method used depends on the data that are available for each spending category.

The receipts and expenditures method uses receipts from the Economic Census to create estimates for many

of the expenditure categories. The receipts are adjusted using class-of-customer data by state and other data sources to remove nonhousehold purchases.

For several categories, which include higher education and foreign travel by U.S. residents, the Economic Census lacks the data needed to produce the estimates for PCE by state. A price times quantity method is used to create the estimates, incorporating additional data sources.

For the remaining PCE categories, various other data sources and methods are used to produce the statistics. Financial services and insurance is the largest of the remaining categories, and it uses disposable personal income by state to allocate the national expenditures.³

1. This is the level of category detail published in table 2.4.5 in the national income and product accounts (NIPAs).

2. The category detail in the PCE by state statistics corresponds to the category detail published in NIPA table 2.3.5.

3. For more on the data and methodology used, see Christian Awuku-Budu, Mahsa Gholizadeh, Ledia Guci, Joshua S. Ingber, Christopher A. Lucas, and Levi J. Weible, "Personal Consumption Expenditures by State," SURVEY OF CURRENT BUSINESS 96 (November 2016).

Health care

Per capita health care expenditures exhibited the second largest budget share item across all PCE categories nationwide. Per capita expenditures on health care were \$6,696 for the United States in 2016, accounting for a 16.9 percent share of all expenditures (table 4). Alaska (\$10,299), Massachusetts (\$9,353), and Delaware (\$8,182) had the highest per capita expenditures on health care, while Nevada (\$5,153), Utah (\$5,201), and Arizona (\$5,275) had the lowest.

Table 4. Per Capita PCE for Health Care for Selected States, 2016

	Per capita PCE by state (dollars)	Per capita PCE budget share	Median age of the population ¹
United States.....	6,696	16.9	37.9
Largest per capita PCE			
Alaska.....	10,299	20.8	33.9
Massachusetts.....	9,353	18.0	39.4
Delaware.....	8,182	19.1	40.2
Smallest per capita PCE			
Nevada.....	5,153	14.2	37.8
Utah.....	5,201	14.8	30.8
Arizona.....	5,275	15.3	37.6

PCE Personal consumption expenditures
1. U.S. Census Bureau

A major factor in the differences in per capita health care expenditures by state was the age demographic of each state's population. For example, Utah had the youngest population by median age, at 30.8 years, in the United States in 2016; it also had one of the lowest per capita PCE for health care. Meanwhile, Delaware and Massachusetts each had population median ages above the national average, and both states had high per capita health care expenditures. The median population age in Alaska was below the national average, but Alaska's high per capita health care expenses were affected by the state's smaller population and geographic isolation.

Annual Update of PCE by State

BEA's October release of PCE by state statistics included revised statistics for 2014 and 2015. The revised

Data Availability

The statistics on personal consumption expenditures described in this article are available on the BEA Web site. Data are available for 1997–2016 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 pcebystate@bea.gov.

statistics incorporated the results of the 2016 annual update of the national income and product accounts and the incorporation of newly available and revised source data, which includes revised data from the Bureau of Labor Statistics' Quarterly Census of Employment and Wages for 2014 and 2015, new 2015 data from the Census Bureau's American Community Survey (ACS), revised 2014 and new 2015 price and volume data for electricity and natural gas from the Energy Information Administration, revised 2014 and 2015 data from BEA's state disposable personal income, and new data from the Centers for Medicare and Medicaid Services (CMS).

The revisions to current-dollar PCE levels were generally small. In 2014, national current-dollar PCE was revised less than 0.01 percent (table 5). At the state level, current-dollar PCE was revised downward in 29 states and the District of Columbia. The remaining states were unrevised or revised upward. Delaware (–0.7 percent), Louisiana (–0.7 percent), and Vermont (–0.5 percent) had the largest downward revisions, while Oregon (0.6 percent), Indiana (0.6 percent), and Alaska (0.4 percent) had the largest upward revisions. The primary source of the updates was the incorporation of new data from the CMS for the health care expenditure estimates.

In 2015, national current-dollar PCE was revised upward 0.4 percent. At the state level, current-dollar PCE was revised upward in 39 states. Florida (1.4 percent), Oregon (1.3 percent), and Iowa (1.1 percent) had the largest positive revisions, while Delaware (–0.7

Acknowledgments

The PCE by state statistics were prepared by Terence Fallon, Solomon Kublashvili, Nik Manohar, Ralph Rodriguez, Jack York, and Steven Zemanek, with assistance from Christian Awuku-Budu, Christopher A. Lucas, Mahsa Gholizadeh, and Joshua S. Ingber, under the guidance of Joel D. Platt, Associate Director for Regional Economics, and Ledia Guci, Chief of the Regional Product Division.

The staff would like to thank Mauricio Ortiz, Chief of the Regional Income Division, Nicholas R. Empey, Chief of the Data and Administrative Systems Branch, Elizabeth Cologer, Chief of the Data Coordination and Verification Section, Jake Dillon, Jeffery Newman, Michael Paris, Callan S. Swenson, Chief of the Systems Integration and Modernization Section, and Jonas D. Wilson for the support in the production and review of the statistics and the preparation of data tables.

percent), Vermont (-0.7 percent), and Louisiana (-0.6 percent) had the largest downward revisions. The primary sources of the revisions were the incorporation of the ACS data into the housing and utilities category and the CMS data into the health care category.

Ongoing Research

Multiple research projects related to regional PCE statistics are ongoing at BEA. These projects are designed to make further methodological improvements, to expand the category detail of these statistics, and to develop related new statistics.

The statistics scheduled for release in 2018, which will incorporate the comprehensive update of the NIPAs, will revise the PCE by state statistics back to 1997.

Additionally, the use of alternative source data and the introduction of methodological improvements for several PCE categories continue, particularly, the development of residency-based data sources for the measurement of financial services and insurance. This measure currently relies on personal income data.

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. With the development of BEA's regional price parities statistics, much of the groundwork for this effort has already been done. Other long term considerations are incorporating detailed transaction data with survey data to improve the residency adjustments of the PCE estimates.

Table 5. Revisions to Personal Consumption Expenditures (PCE) by State, 2014 and 2015

	2014			2015		
	Millions of dollars		Percent revision ²	Millions of dollars		Percent revision ²
	Revised	Revision		Revised	Revision	
United States¹	11,858,228	599	0.0	12,327,828	48,974	0.4
New England	674,776	-1,188	-0.2	698,543	956	0.1
Connecticut.....	164,852	-174	-0.1	168,579	-207	-0.1
Maine.....	54,231	85	0.2	55,512	302	0.5
Massachusetts.....	324,352	-767	-0.2	339,150	1,316	0.4
New Hampshire.....	61,146	-156	-0.3	62,943	-190	-0.3
Rhode Island.....	42,006	-21	0.0	43,417	-72	-0.2
Vermont.....	28,189	-155	-0.5	28,943	-192	-0.7
Mideast	2,088,043	-3,819	-0.2	2,157,072	-3,521	-0.2
Delaware.....	38,070	-287	-0.7	39,540	-281	-0.7
District of Columbia.....	35,188	-17	0.0	37,038	7	0.0
Maryland.....	249,971	244	0.1	259,192	900	0.3
New Jersey.....	410,281	-254	-0.1	423,738	354	0.1
New York.....	862,381	-2,753	-0.3	890,668	-5,660	-0.6
Pennsylvania.....	492,153	-751	-0.2	506,895	1,158	0.2
Great Lakes	1,702,864	1,256	0.1	1,759,587	7,015	0.4
Illinois.....	497,767	-151	0.0	515,714	3,062	0.6
Indiana.....	221,606	1,243	0.6	228,136	2,392	1.1
Michigan.....	361,950	-113	0.0	375,418	547	0.1
Ohio.....	411,021	-507	-0.1	423,388	-93	0.0
Wisconsin.....	210,521	785	0.4	216,932	1,108	0.5
Plains	782,749	926	0.1	809,220	5,589	0.7
Iowa.....	109,535	455	0.4	112,560	1,271	1.1
Kansas.....	98,871	198	0.2	101,748	294	0.3
Minnesota.....	222,726	-267	-0.1	231,852	1,056	0.5
Missouri.....	214,903	312	0.1	222,193	2,035	0.9
Nebraska.....	69,145	162	0.2	71,447	449	0.6
North Dakota.....	35,631	79	0.2	36,469	231	0.6
South Dakota.....	31,939	-12	0.0	32,951	253	0.8
Southeast	2,719,103	1,110	0.0	2,832,739	18,585	0.7
Alabama.....	144,674	-24	0.0	148,418	397	0.3
Arkansas.....	87,122	174	0.2	89,488	751	0.8
Florida.....	717,453	2,661	0.4	761,153	10,539	1.4
Georgia.....	329,721	656	0.2	342,419	1,677	0.5
Kentucky.....	137,514	-15	0.0	142,347	1,061	0.8
Louisiana.....	151,372	-1,127	-0.7	156,028	-1,004	-0.6
Mississippi.....	85,967	-169	-0.2	87,907	131	0.1
North Carolina.....	316,051	317	0.1	328,556	2,105	0.6
South Carolina.....	152,175	54	0.0	157,909	1,041	0.7
Tennessee.....	210,497	-396	-0.2	219,025	776	0.4
Virginia.....	326,686	-881	-0.3	337,980	987	0.3
West Virginia.....	59,871	-141	-0.2	61,509	125	0.2
Southwest	1,356,677	-2,084	-0.2	1,409,753	2,310	0.2
Arizona.....	223,743	-1,029	-0.5	231,267	-1,344	-0.6
New Mexico.....	70,486	105	0.1	72,222	198	0.3
Oklahoma.....	124,226	403	0.3	127,043	308	0.2
Texas.....	938,221	-1,563	-0.2	979,221	3,148	0.3
Rocky Mountain	421,095	235	0.1	443,545	4,077	0.9
Colorado.....	212,078	716	0.3	224,234	2,528	1.1
Idaho.....	51,407	-56	-0.1	53,898	558	1.0
Montana.....	39,384	-93	-0.2	41,259	226	0.6
Utah.....	95,318	-250	-0.3	100,872	828	0.8
Wyoming.....	22,909	-82	-0.4	23,281	-64	-0.3
Far West	2,112,920	4,163	0.2	2,217,369	13,963	0.6
Alaska.....	34,819	154	0.4	35,926	-14	0.0
California.....	1,491,076	3,145	0.2	1,565,046	10,165	0.7
Hawaii.....	58,878	0	0.0	61,317	69	0.1
Nevada.....	97,135	-112	-0.1	101,511	460	0.5
Oregon.....	147,209	925	0.6	155,435	1,948	1.3
Washington.....	283,804	51	0.0	298,135	1,336	0.4

1. The U.S. values reported differ from the national income and product accounts (NIPA) values because PCE by state estimates exclude net expenditures abroad by U.S. residents. The expenditures of U.S.

personnel stationed abroad within this category are not included in PCE by state.
2. Revision is a percentage of the previously published statistic.

Personal Consumption Expenditures (PCE) by State

Concepts and definitions

PCE by state is the regional 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.

Residency Adjustments

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 United States. 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 taxes in neighboring states are examples of why consumers make purchases outside of their home state. For instance, many New York City residents often defer gasoline purchases to coincide with trips to New Jersey because 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.⁴ 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-related 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. For more information, see "Chapter 5. Personal Consumption Expenditures" in *Concepts and Methods of the U.S. National Income and Product Accounts* (Washington, DC: BEA, February 2014).

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 2016, the net expenditures abroad by U.S. residents were less than 0.04 percent of national total PCE.

4. 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).