

## News Release

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### Personal Income and Outlays: November 2016

**Personal income** increased \$1.6 billion (less than 0.1 percent) in November according to estimates released today by the Bureau of Economic Analysis. **Disposable personal income** (DPI) decreased \$1.3 billion (less than 0.1 percent) and **personal consumption expenditures** (PCE) increased \$24.0 billion (0.2 percent).

**Real DPI** decreased 0.1 percent in November and **Real PCE** increased 0.1 percent. The **PCE price index** increased less than 0.1 percent. Excluding food and energy, the PCE price index increased less than 0.1 percent.

	2016				
	July	Aug.	Sept.	Oct.	Nov.
	Percent change from preceding month				
Personal income:					
Current dollars	0.4	0.2	0.4	0.5	0.0
Disposable personal income:					
Current dollars	0.4	0.2	0.3	0.5	0.0
Chained (2009) dollars	0.3	0.1	0.1	0.2	-0.1
Personal consumption expenditures (PCE):					
Current dollars	0.4	0.1	0.7	0.4	0.2
Chained (2009) dollars	0.3	-0.1	0.5	0.1	0.1
Price indexes:					
PCE	0.1	0.2	0.2	0.3	0.0
PCE, excluding food and energy	0.2	0.2	0.1	0.1	0.0
	Percent change from month one year ago				
Price indexes:					
PCE	0.9	1.0	1.2	1.4	1.4
PCE, excluding food and energy	1.6	1.7	1.7	1.8	1.6

The increase in personal income in November primarily reflected increases in personal interest income and rental income of persons that were mostly offset by a decrease in wages and salaries (table 3).

The increase in real PCE in November primarily reflected an increase in spending for services (table 7).

**Personal outlays** increased \$26.8 billion in November (table 3). **Personal saving** was \$780.9 billion in November and the **personal saving rate**, personal saving as a percentage of disposable personal income, was 5.5 percent (table 1).

## Updates

Estimates have been updated for July through October. The percent change from the preceding month for current-dollar personal income, and for current-dollar and chained (2009) dollar DPI and PCE -- revised and as published in last month's release -- are shown below.

	Change from preceding month							
	September				October			
	<u>Previous</u> (Billions of dollars)	<u>Revised</u>	<u>Previous</u> (Percent)	<u>Revised</u>	<u>Previous</u> (Billions of dollars)	<u>Revised</u>	<u>Previous</u> (Percent)	<u>Revised</u>
Personal income:								
Current dollars	63.2	58.8	0.4	0.4	98.6	78.0	0.6	0.5
Disposable personal income:								
Current dollars	51.1	47.6	0.4	0.3	86.5	65.2	0.6	0.5
Chained (2009) dollars	20.0	16.2	0.2	0.1	46.8	25.4	0.4	0.2
Personal consumption expenditures:								
Current dollars	89.5	90.2	0.7	0.7	38.1	51.4	0.3	0.4
Chained (2009) dollars	57.0	57.0	0.5	0.5	6.1	16.0	0.1	0.1

Next release: January 30, 2017 at 8:30 A.M. EST  
 Personal Income and Outlays: December 2016

### Personal Income and Outlays Release Dates for 2017

December 2016.....	January 30	April 2017.....	May 30	August 2017.....	September 29
January 2017.....	March 1	May 2017.....	June 30	September 2017....	October 30
February 2017.....	March 31	June 2017.....	August 1	October 2017.....	November 30
March 2017.....	May 1	July 2017.....	August 31	November 2017.....	December 22

## Additional Information

### Resources

Additional Resources available at [www.bea.gov](http://www.bea.gov):

- Stay informed about BEA developments by reading the BEA [blog](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA\\_News](#).
- Historical time series for these estimates can be accessed in BEA's [Interactive Data Application](#).
- Access BEA data by registering for BEA's Data [Application Programming Interface](#) (API).
- For more on BEA's statistics, see our monthly online journal, the [Survey of Current Business](#).
- BEA's [news release schedule](#)
- [NIPA Handbook](#): Concepts and Methods of the U.S. National Income and Product Accounts

### Definitions

**Personal income** is the income received by, or on behalf of, all persons from all sources: from participation as laborers in production, from owning a home or business, from the ownership of financial assets, and from government and business in the form of transfers. It includes income from domestic sources as well as the rest of world. It does not include realized or unrealized capital gains or losses.

**Disposable personal income** is the income available to persons for spending or saving. It is equal to personal income less personal current taxes.

**Personal consumption expenditures** (PCE) is the value of the goods and services purchased by, or on the behalf of, "persons" who reside in the United States.

**Personal outlays** is the sum of PCE, personal interest payments, and personal current transfer payments.

**Personal saving** is personal income less personal outlays and personal current taxes.

The **personal saving rate** is personal saving as a percentage of disposable personal income.

**Current-dollar estimates** are valued in the prices of the period when the transactions occurred—that is, at "market value." Also referred to as "nominal estimates" or as "current-price estimates."

**Real values** are inflation-adjusted estimates—that is, estimates that exclude the effects of price changes.

For more definitions, see the [Glossary: National Income and Product Accounts](#).

### Statistical conventions

**Annual rates.** Monthly and quarterly values are expressed at seasonally-adjusted annual rates (SAAR). Dollar changes are calculated as the difference between these SAAR values. For detail, see the FAQ "[Why does BEA publish estimates at annual rates?](#)"

**Month-to-month percent changes** are calculated from unrounded data and are not annualized.

**Quarter-to-quarter percent changes** are calculated from unrounded data and are displayed at annual rates. For detail, see the FAQ "[How is average annual growth calculated?](#)"

**Quantities and prices.** Quantities, or "real" volume measures, and prices are expressed as index numbers with a specified reference year equal to 100 (currently 2009). Quantity and price indexes are calculated using a Fisher-chained weighted formula that incorporates weights from two adjacent periods (quarters for quarterly data and annuals for annual data). "Real" dollar series are calculated by multiplying the published quantity index by the current dollar value in the reference year (2009) and then dividing by 100. Percent changes calculated from real quantity indexes and chained-dollar levels are conceptually the same; any differences are due to rounding.

**Chained-dollar values** are not additive because the relative weights for a given period differ from those of the reference year.

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**Table 1. Personal Income and Its Disposition (Months)**

[Billions of dollars]

Line		Seasonally adjusted at annual rates							Line	
		2016								
		April	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>		Nov. <sup>p</sup>
1	<b>Personal income</b> .....	<b>15,868.2</b>	<b>15,931.4</b>	<b>15,988.4</b>	<b>16,055.4</b>	<b>16,095.4</b>	<b>16,154.2</b>	<b>16,232.3</b>	<b>16,233.8</b>	1
2	<b>Compensation of employees</b> .....	<b>9,990.0</b>	<b>10,047.5</b>	<b>10,101.9</b>	<b>10,152.6</b>	<b>10,167.2</b>	<b>10,208.3</b>	<b>10,259.0</b>	<b>10,249.1</b>	2
3	<b>Wages and salaries</b> .....	<b>8,094.2</b>	<b>8,143.8</b>	<b>8,190.7</b>	<b>8,234.0</b>	<b>8,243.8</b>	<b>8,279.0</b>	<b>8,323.3</b>	<b>8,311.1</b>	3
4	Private industries.....	6,793.7	6,839.5	6,882.4	6,920.3	6,924.3	6,956.3	6,997.9	6,982.4	4
5	Goods-producing industries.....	1,337.5	1,348.3	1,343.2	1,353.7	1,350.2	1,355.1	1,368.3	1,357.0	5
6	Manufacturing.....	819.7	830.0	828.0	835.5	832.8	834.2	844.0	834.6	6
7	Services-producing industries.....	5,456.2	5,491.2	5,539.2	5,566.6	5,574.2	5,601.1	5,629.5	5,625.4	7
8	Trade, transportation, and utilities.....	1,266.4	1,269.4	1,283.6	1,285.2	1,285.0	1,287.5	1,296.2	1,294.2	8
9	Other services-producing industries.....	4,189.8	4,221.9	4,255.6	4,281.4	4,289.1	4,313.7	4,333.4	4,331.2	9
10	Government.....	1,300.4	1,304.4	1,308.4	1,313.8	1,319.4	1,322.7	1,325.4	1,328.7	10
11	<b>Supplements to wages and salaries</b> .....	<b>1,895.9</b>	<b>1,903.7</b>	<b>1,911.2</b>	<b>1,918.5</b>	<b>1,923.4</b>	<b>1,929.4</b>	<b>1,935.7</b>	<b>1,937.9</b>	11
12	Employer contributions for employee pension and insurance funds <sup>1</sup> .....	1,314.7	1,319.4	1,324.1	1,329.0	1,333.6	1,337.6	1,341.2	1,344.8	12
13	Employer contributions for government social insurance.....	581.1	584.2	587.0	589.6	589.8	591.7	594.5	593.2	13
14	<b>Proprietors' income with inventory valuation and capital consumption adjustments</b> .....	<b>1,406.6</b>	<b>1,405.0</b>	<b>1,411.8</b>	<b>1,416.9</b>	<b>1,417.1</b>	<b>1,428.3</b>	<b>1,431.0</b>	<b>1,435.1</b>	14
15	Farm.....	30.6	29.8	28.9	28.6	28.3	28.0	26.1	24.2	15
16	Nonfarm.....	1,376.0	1,375.2	1,382.9	1,388.2	1,388.8	1,400.3	1,404.9	1,410.9	16
17	<b>Rental income of persons with capital consumption adjustment...</b> .....	<b>699.3</b>	<b>700.1</b>	<b>702.4</b>	<b>703.1</b>	<b>705.7</b>	<b>708.9</b>	<b>715.1</b>	<b>721.7</b>	17
18	<b>Personal income receipts on assets</b> .....	<b>2,250.9</b>	<b>2,259.7</b>	<b>2,256.7</b>	<b>2,262.0</b>	<b>2,272.3</b>	<b>2,276.5</b>	<b>2,286.8</b>	<b>2,291.9</b>	18
19	Personal interest income.....	1,307.6	1,310.2	1,312.8	1,315.3	1,317.8	1,320.3	1,327.1	1,333.9	19
20	Personal dividend income.....	943.3	949.5	943.8	946.7	954.5	956.3	959.8	958.1	20
21	<b>Personal current transfer receipts</b> .....	<b>2,760.2</b>	<b>2,764.2</b>	<b>2,766.3</b>	<b>2,776.7</b>	<b>2,789.8</b>	<b>2,793.0</b>	<b>2,806.9</b>	<b>2,800.3</b>	21
22	Government social benefits to persons.....	2,707.4	2,711.2	2,713.2	2,723.4	2,736.3	2,739.3	2,753.0	2,746.2	22
23	Social security <sup>2</sup> .....	895.0	894.3	892.8	898.0	899.9	901.3	910.9	902.1	23
24	Medicare <sup>3</sup> .....	656.5	659.3	661.8	664.1	666.2	668.2	670.0	671.7	24
25	Medicaid.....	557.6	558.1	560.5	566.2	570.9	575.1	577.1	579.4	25
26	Unemployment insurance.....	30.3	30.5	30.3	30.1	30.3	29.2	28.5	28.4	26
27	Veterans' benefits.....	94.2	95.2	96.2	94.9	95.7	96.3	96.3	96.5	27
28	Other.....	473.8	473.8	471.4	470.0	473.3	469.2	470.1	468.2	28
29	Other current transfer receipts, from business (net).....	52.9	53.0	53.2	53.3	53.5	53.7	53.9	54.1	29
30	<b>Less: Contributions for government social insurance, domestic...</b> .....	<b>1,238.8</b>	<b>1,245.0</b>	<b>1,250.7</b>	<b>1,255.9</b>	<b>1,256.7</b>	<b>1,260.8</b>	<b>1,266.4</b>	<b>1,264.3</b>	30
31	<b>Less: Personal current taxes</b> .....	<b>1,944.3</b>	<b>1,951.7</b>	<b>1,960.2</b>	<b>1,973.9</b>	<b>1,981.8</b>	<b>1,993.0</b>	<b>2,005.8</b>	<b>2,008.7</b>	31
32	<b>Equals: Disposable personal income</b> .....	<b>13,924.0</b>	<b>13,979.7</b>	<b>14,028.2</b>	<b>14,081.5</b>	<b>14,113.6</b>	<b>14,161.3</b>	<b>14,226.5</b>	<b>14,225.1</b>	32
33	<b>Less: Personal outlays</b> .....	<b>13,100.5</b>	<b>13,146.3</b>	<b>13,216.7</b>	<b>13,265.7</b>	<b>13,273.3</b>	<b>13,363.2</b>	<b>13,417.4</b>	<b>13,444.2</b>	33
34	Personal consumption expenditures.....	12,642.8	12,684.5	12,750.8	12,796.8	12,804.7	12,894.9	12,946.4	12,970.4	34
35	Goods.....	4,076.2	4,081.0	4,099.0	4,106.5	4,088.9	4,140.2	4,186.4	4,181.6	35
36	Durable goods.....	1,391.8	1,386.8	1,391.4	1,418.6	1,397.1	1,426.3	1,442.1	1,433.6	36
37	Nondurable goods.....	2,684.4	2,694.1	2,707.5	2,687.9	2,691.8	2,713.9	2,744.3	2,748.0	37
38	Services.....	8,566.6	8,603.5	8,651.9	8,690.3	8,715.8	8,754.8	8,760.0	8,788.8	38
39	Personal interest payments <sup>4</sup> .....	269.0	273.0	276.9	276.4	275.8	275.3	277.7	280.1	39
40	Personal current transfer payments.....	188.7	188.8	188.9	192.5	192.7	193.0	193.3	193.7	40
41	To government.....	108.1	108.2	108.4	108.5	108.8	109.0	109.4	109.8	41
42	To the rest of the world (net).....	80.6	80.6	80.6	84.0	84.0	84.0	84.0	84.0	42
43	<b>Equals: Personal saving</b> .....	<b>823.4</b>	<b>833.4</b>	<b>811.6</b>	<b>815.8</b>	<b>840.4</b>	<b>798.0</b>	<b>809.1</b>	<b>780.9</b>	43
44	<b>Personal saving as a percentage of disposable personal income..</b> .....	<b>5.9</b>	<b>6.0</b>	<b>5.8</b>	<b>5.8</b>	<b>6.0</b>	<b>5.6</b>	<b>5.7</b>	<b>5.5</b>	44
<b>Addenda:</b>										
45	<b>Personal income excluding current transfer receipts, billions of chained (2009) dollars<sup>5</sup></b> .....	<b>11,878.7</b>	<b>11,912.0</b>	<b>11,948.1</b>	<b>11,992.7</b>	<b>11,997.9</b>	<b>12,022.9</b>	<b>12,049.2</b>	<b>12,051.5</b>	45
<b>Disposable personal income:</b>										
46	Total, billions of chained (2009) dollars <sup>5</sup> .....	12,618.2	12,647.0	12,676.5	12,717.8	12,726.5	12,742.7	12,768.2	12,761.7	46
Per capita:										
47	Current dollars.....	43,028	43,173	43,295	43,428	43,495	43,610	43,780	43,747	47
48	Chained (2009) dollars.....	38,993	39,058	39,123	39,223	39,220	39,241	39,292	39,247	48
49	Population (midperiod, thousands) <sup>6</sup> .....	323,601	323,804	324,018	324,245	324,487	324,726	324,955	325,168	49

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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.

6. Population is the total population of the United States, including the Armed Forces overseas and the institutionalized population. The monthly estimate is the average of estimates for the first of the month and the first of the following month; the annual and quarterly estimates are averages of the monthly estimates.

**Table 2. Personal Income and Its Disposition (Years and Quarters)**

[Billions of dollars]

Line		2014	2015	Seasonally adjusted at annual rates						Line
				2015			2016			
				II	III	IV	I	II	III <sup>r</sup>	
1	<b>Personal income</b> .....	<b>14,809.7</b>	<b>15,458.5</b>	<b>15,401.9</b>	<b>15,556.1</b>	<b>15,690.2</b>	<b>15,740.1</b>	<b>15,929.4</b>	<b>16,101.7</b>	1
2	<b>Compensation of employees</b> .....	<b>9,253.4</b>	<b>9,693.1</b>	<b>9,637.6</b>	<b>9,740.0</b>	<b>9,892.4</b>	<b>9,892.6</b>	<b>10,046.5</b>	<b>10,176.0</b>	2
3	<b>Wages and salaries</b> .....	<b>7,476.3</b>	<b>7,854.8</b>	<b>7,808.8</b>	<b>7,893.9</b>	<b>8,024.6</b>	<b>8,011.3</b>	<b>8,142.9</b>	<b>8,252.3</b>	3
4	Private industries.....	6,239.6	6,580.3	6,537.8	6,613.8	6,735.8	6,715.2	6,838.5	6,933.6	4
5	Goods-producing industries.....	1,257.4	1,308.1	1,301.4	1,310.4	1,334.6	1,327.7	1,343.0	1,353.0	5
6	Manufacturing.....	780.0	806.7	803.1	806.2	823.9	811.9	825.9	834.2	6
7	Services-producing industries.....	4,982.2	5,272.2	5,236.4	5,303.4	5,401.1	5,387.5	5,495.5	5,580.6	7
8	Trade, transportation, and utilities.....	1,175.4	1,237.1	1,229.0	1,245.1	1,264.2	1,253.7	1,273.1	1,285.9	8
9	Other services-producing industries.....	3,806.8	4,035.1	4,007.5	4,058.3	4,137.0	4,133.8	4,222.4	4,294.7	9
10	Government.....	1,236.7	1,274.5	1,271.0	1,280.1	1,288.9	1,296.1	1,304.4	1,318.6	10
11	<b>Supplements to wages and salaries</b> .....	<b>1,777.1</b>	<b>1,838.2</b>	<b>1,828.7</b>	<b>1,846.1</b>	<b>1,867.8</b>	<b>1,881.3</b>	<b>1,903.6</b>	<b>1,923.8</b>	11
12	Employer contributions for employee pension and insurance funds <sup>1</sup> .....	1,229.8	1,270.5	1,263.5	1,276.1	1,290.0	1,304.9	1,319.4	1,333.4	12
13	Employer contributions for government social insurance.....	547.3	567.7	565.2	570.0	577.8	576.4	584.1	590.4	13
14	<b>Proprietors' income with inventory valuation and capital consumption adjustments</b> .....	<b>1,337.7</b>	<b>1,376.8</b>	<b>1,366.1</b>	<b>1,389.0</b>	<b>1,400.9</b>	<b>1,403.9</b>	<b>1,407.8</b>	<b>1,420.8</b>	14
15	Farm.....	68.5	39.9	38.7	44.6	38.1	32.3	29.8	28.3	15
16	Nonfarm.....	1,269.2	1,336.8	1,327.4	1,344.4	1,362.8	1,371.6	1,378.0	1,392.4	16
17	<b>Rental income of persons with capital consumption adjustment</b> .....	<b>606.1</b>	<b>659.6</b>	<b>656.6</b>	<b>668.1</b>	<b>677.3</b>	<b>692.8</b>	<b>700.6</b>	<b>705.9</b>	17
18	<b>Personal income receipts on assets</b> .....	<b>2,227.0</b>	<b>2,253.8</b>	<b>2,264.3</b>	<b>2,275.1</b>	<b>2,235.5</b>	<b>2,235.9</b>	<b>2,255.8</b>	<b>2,270.3</b>	18
19	Personal interest income.....	1,300.9	1,302.7	1,315.9	1,336.1	1,293.0	1,296.1	1,310.2	1,317.8	19
20	Personal dividend income.....	926.1	951.1	948.5	939.0	942.5	939.8	945.5	952.5	20
21	<b>Personal current transfer receipts</b> .....	<b>2,540.4</b>	<b>2,678.6</b>	<b>2,675.4</b>	<b>2,692.1</b>	<b>2,708.2</b>	<b>2,744.0</b>	<b>2,763.6</b>	<b>2,786.5</b>	21
22	Government social benefits to persons.....	2,494.9	2,627.2	2,624.1	2,640.0	2,655.8	2,691.4	2,710.6	2,733.0	22
23	Social security <sup>2</sup> .....	834.6	871.8	869.5	874.5	881.5	886.3	894.1	899.7	23
24	Medicare <sup>3</sup> .....	601.1	628.2	624.1	631.6	639.8	650.0	659.2	666.2	24
25	Medicaid.....	487.4	539.6	540.9	545.3	547.3	555.6	558.8	570.7	25
26	Unemployment insurance.....	35.5	32.2	32.1	32.0	31.4	31.5	30.3	29.9	26
27	Veterans' benefits.....	83.7	89.8	89.4	90.0	92.2	93.1	95.2	95.7	27
28	Other.....	452.6	465.6	468.2	466.5	463.5	474.9	473.0	470.8	28
29	Other current transfer receipts, from business (net).....	45.5	51.4	51.3	52.1	52.4	52.6	53.0	53.5	29
30	<b>Less: Contributions for government social insurance, domestic</b> .....	<b>1,154.9</b>	<b>1,203.5</b>	<b>1,198.1</b>	<b>1,208.3</b>	<b>1,224.1</b>	<b>1,229.0</b>	<b>1,244.8</b>	<b>1,257.8</b>	30
31	<b>Less: Personal current taxes</b> .....	<b>1,787.0</b>	<b>1,938.7</b>	<b>1,937.2</b>	<b>1,944.4</b>	<b>1,963.8</b>	<b>1,932.7</b>	<b>1,952.1</b>	<b>1,982.9</b>	31
32	<b>Equals: Disposable personal income</b> .....	<b>13,022.7</b>	<b>13,519.8</b>	<b>13,464.7</b>	<b>13,611.7</b>	<b>13,726.4</b>	<b>13,807.4</b>	<b>13,977.3</b>	<b>14,118.8</b>	32
33	<b>Less: Personal outlays</b> .....	<b>12,296.7</b>	<b>12,736.2</b>	<b>12,691.2</b>	<b>12,813.2</b>	<b>12,899.6</b>	<b>12,961.9</b>	<b>13,154.5</b>	<b>13,300.7</b>	33
34	Personal consumption expenditures.....	11,863.4	12,283.7	12,240.2	12,356.9	12,438.8	12,498.0	12,692.7	12,832.2	34
35	Goods.....	3,970.5	4,012.1	4,010.7	4,043.0	4,038.1	4,008.7	4,085.4	4,111.9	35
36	Durable goods.....	1,294.8	1,355.2	1,353.3	1,364.7	1,371.8	1,366.6	1,390.0	1,414.0	36
37	Nondurable goods.....	2,675.7	2,656.9	2,657.4	2,678.4	2,666.3	2,642.0	2,695.4	2,697.9	37
38	Services.....	7,892.9	8,271.6	8,229.5	8,313.9	8,400.6	8,489.3	8,607.3	8,720.3	38
39	Personal interest payments <sup>4</sup> .....	251.6	263.8	262.3	266.2	270.6	268.0	273.0	275.8	39
40	Personal current transfer payments.....	181.8	188.8	188.7	190.1	190.2	196.0	188.8	192.7	40
41	To government.....	98.3	103.3	103.3	103.9	104.0	108.2	108.2	108.8	41
42	To the rest of the world (net).....	83.5	85.4	85.4	86.2	86.2	87.8	80.6	84.0	42
43	<b>Equals: Personal saving</b> .....	<b>726.0</b>	<b>783.6</b>	<b>773.5</b>	<b>798.5</b>	<b>826.8</b>	<b>845.5</b>	<b>822.8</b>	<b>818.1</b>	43
44	<b>Personal saving as a percentage of disposable personal income</b> .....	<b>5.6</b>	<b>5.8</b>	<b>5.7</b>	<b>5.9</b>	<b>6.0</b>	<b>6.1</b>	<b>5.9</b>	<b>5.8</b>	44
<b>Addenda:</b>										
45	<b>Personal income excluding current transfer receipts, billions of chained (2009) dollars<sup>5</sup></b> .....	<b>11,240.8</b>	<b>11,667.7</b>	<b>11,625.6</b>	<b>11,717.8</b>	<b>11,813.7</b>	<b>11,818.2</b>	<b>11,912.9</b>	<b>12,004.5</b>	45
<b>Disposable personal income:</b>										
46	Total, billions of chained (2009) dollars <sup>5</sup> .....	11,931.0	12,343.3	12,299.9	12,398.9	12,491.0	12,556.0	12,647.2	12,729.0	46
<b>Per capita:</b>										
47	Current dollars.....	40,794	42,026	41,902	42,270	42,537	42,715	43,165	43,511	47
48	Chained (2009) dollars.....	37,374	38,368	38,277	38,504	38,709	38,844	39,058	39,228	48
49	Population (midperiod, thousands) <sup>6</sup> .....	319,233	321,704	321,337	322,015	322,693	323,242	323,808	324,486	49

<sup>r</sup> Revised

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.

6. Population is the total population of the United States, including the Armed Forces overseas and the institutionalized population. The monthly estimate is the average of estimates for the first of the month and the first of the following month; the annual and quarterly estimates are averages of the monthly estimates.

**Table 3. Personal Income and Its Disposition, Change From Preceding Period (Months)**

[Billions of dollars]

Line		Seasonally adjusted at annual rates							Line	
		2016								
		April	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>		Nov. <sup>p</sup>
1	<b>Personal income</b> .....	<b>106.8</b>	<b>63.2</b>	<b>57.0</b>	<b>67.0</b>	<b>40.0</b>	<b>58.8</b>	<b>78.0</b>	<b>1.6</b>	1
2	<b>Compensation of employees</b> .....	<b>106.8</b>	<b>57.5</b>	<b>54.4</b>	<b>50.7</b>	<b>14.7</b>	<b>41.1</b>	<b>50.6</b>	<b>-9.9</b>	2
3	<b>Wages and salaries</b> .....	<b>95.7</b>	<b>49.7</b>	<b>46.9</b>	<b>43.3</b>	<b>9.7</b>	<b>35.2</b>	<b>44.3</b>	<b>-12.2</b>	3
4	Private industries .....	93.4	45.8	42.9	37.9	4.1	31.9	41.6	-15.5	4
5	Goods-producing industries .....	14.9	10.7	-5.1	10.5	-3.6	5.0	13.2	-11.3	5
6	Manufacturing .....	14.7	10.3	-2.0	7.5	-2.7	1.4	9.8	-9.4	6
7	Services-producing industries .....	78.5	35.0	47.9	27.4	7.6	26.9	28.4	-4.2	7
8	Trade, transportation, and utilities .....	15.9	2.9	14.2	1.6	-0.2	2.4	8.7	-1.9	8
9	Other services-producing industries .....	62.6	32.1	33.7	25.8	7.8	24.5	19.7	-2.2	9
10	Government .....	2.3	3.9	4.0	5.4	5.7	3.3	2.7	3.3	10
11	<b>Supplements to wages and salaries</b> .....	<b>11.1</b>	<b>7.8</b>	<b>7.5</b>	<b>7.4</b>	<b>4.9</b>	<b>5.9</b>	<b>6.3</b>	<b>2.3</b>	11
12	Employer contributions for employee pension and insurance funds <sup>1</sup> .....	4.9	4.7	4.7	4.8	4.7	4.0	3.6	3.6	12
13	Employer contributions for government social insurance .....	6.2	3.1	2.8	2.5	0.3	1.9	2.8	-1.3	13
14	<b>Proprietors' income with inventory valuation and capital consumption adjustments</b> .....	<b>3.3</b>	<b>-1.6</b>	<b>6.8</b>	<b>5.0</b>	<b>0.2</b>	<b>11.2</b>	<b>2.6</b>	<b>4.1</b>	14
15	Farm .....	-0.9	-0.9	-0.9	-0.3	-0.3	-0.3	-1.9	-1.9	15
16	Nonfarm .....	4.2	-0.7	7.7	5.3	0.5	11.5	4.6	6.0	16
17	<b>Rental income of persons with capital consumption adjustment</b> .....	<b>-0.6</b>	<b>0.8</b>	<b>2.3</b>	<b>0.7</b>	<b>2.6</b>	<b>3.2</b>	<b>6.2</b>	<b>6.6</b>	17
18	<b>Personal income receipts on assets</b> .....	<b>4.2</b>	<b>8.8</b>	<b>-3.0</b>	<b>5.4</b>	<b>10.2</b>	<b>4.2</b>	<b>10.3</b>	<b>5.1</b>	18
19	Personal interest income .....	2.6	2.6	2.6	2.5	2.5	2.5	6.8	6.8	19
20	Personal dividend income .....	1.6	6.2	-5.7	2.9	7.8	1.8	3.5	-1.7	20
21	<b>Personal current transfer receipts</b> .....	<b>5.3</b>	<b>3.9</b>	<b>2.2</b>	<b>10.4</b>	<b>13.1</b>	<b>3.2</b>	<b>13.9</b>	<b>-6.5</b>	21
22	Government social benefits to persons .....	5.2	3.8	2.0	10.3	12.9	3.0	13.7	-6.7	22
23	Social security <sup>2</sup> .....	8.0	-0.7	-1.5	5.2	1.9	1.4	9.7	-8.9	23
24	Medicare <sup>3</sup> .....	3.1	2.8	2.6	2.3	2.1	2.0	1.8	1.7	24
25	Medicaid .....	-1.4	0.5	2.4	5.7	4.7	4.2	1.9	2.4	25
26	Unemployment insurance .....	-0.8	0.2	-0.1	-0.2	0.2	-1.1	-0.6	-0.1	26
27	Veterans' benefits .....	0.6	1.0	1.0	-1.3	0.8	0.6	0.0	0.2	27
28	Other .....	-4.3	0.0	-2.4	-1.4	3.3	-4.1	0.9	-1.9	28
29	Other current transfer receipts, from business (net) .....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	29
30	<b>Less: Contributions for government social insurance, domestic</b> .....	<b>12.2</b>	<b>6.2</b>	<b>5.7</b>	<b>5.2</b>	<b>0.8</b>	<b>4.1</b>	<b>5.6</b>	<b>-2.1</b>	30
31	<b>Less: Personal current taxes</b> .....	<b>14.8</b>	<b>7.4</b>	<b>8.5</b>	<b>13.7</b>	<b>7.9</b>	<b>11.2</b>	<b>12.8</b>	<b>2.9</b>	31
32	<b>Equals: Disposable personal income</b> .....	<b>92.0</b>	<b>55.8</b>	<b>48.5</b>	<b>53.2</b>	<b>32.2</b>	<b>47.6</b>	<b>65.2</b>	<b>-1.3</b>	32
33	<b>Less: Personal outlays</b> .....	<b>129.0</b>	<b>45.8</b>	<b>70.4</b>	<b>49.0</b>	<b>7.6</b>	<b>90.0</b>	<b>54.2</b>	<b>26.8</b>	33
34	Personal consumption expenditures .....	132.3	41.7	66.3	46.0	7.9	90.2	51.4	24.0	34
35	Goods .....	70.0	4.8	18.0	7.6	-17.6	51.3	46.2	-4.8	35
36	Durable goods .....	26.6	-4.9	4.6	27.2	-21.5	29.1	15.8	-8.4	36
37	Nondurable goods .....	43.3	9.7	13.4	-19.6	3.9	22.2	30.4	3.6	37
38	Services .....	62.3	36.9	48.3	38.4	25.5	38.9	5.2	28.8	38
39	Personal interest payments <sup>4</sup> .....	3.9	3.9	3.9	-0.5	-0.5	-0.5	2.4	2.4	39
40	Personal current transfer payments .....	-7.2	0.1	0.1	3.5	0.2	0.3	0.3	0.4	40
41	To government .....	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	41
42	To the rest of the world (net) .....	-7.2	0.0	0.0	3.4	0.0	0.0	0.0	0.0	42
43	<b>Equals: Personal saving</b> .....	<b>-37.0</b>	<b>10.0</b>	<b>-21.9</b>	<b>4.2</b>	<b>24.6</b>	<b>-42.3</b>	<b>11.0</b>	<b>-28.2</b>	43
	<b>Addenda:</b>									
44	Personal income excluding current transfer receipts, billions of chained (2009) dollars <sup>5</sup> .....	53.4	33.3	36.1	44.7	5.2	25.0	26.4	2.3	44
45	Disposable personal income, billions of chained (2009) dollars <sup>5</sup> .....	42.4	28.9	29.5	41.3	8.7	16.2	25.4	-6.4	45

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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 4. Personal Income and Its Disposition, Change From Preceding Period (Years and Quarters)**

[Billions of dollars]

Line		2014	2015	Seasonally adjusted at annual rates						Line
				2015			2016			
				II	III	IV	I	II	III <sup>r</sup>	
1	<b>Personal income</b> .....	<b>736.1</b>	<b>648.8</b>	<b>216.0</b>	<b>154.2</b>	<b>134.1</b>	<b>49.9</b>	<b>189.2</b>	<b>172.3</b>	1
2	<b>Compensation of employees</b> .....	<b>411.0</b>	<b>439.6</b>	<b>135.2</b>	<b>102.5</b>	<b>152.4</b>	<b>0.1</b>	<b>153.9</b>	<b>129.6</b>	2
3	<b>Wages and salaries</b> .....	<b>359.6</b>	<b>378.5</b>	<b>116.8</b>	<b>85.1</b>	<b>130.7</b>	<b>-13.4</b>	<b>131.6</b>	<b>109.3</b>	3
4	Private industries .....	330.9	340.7	104.0	75.9	122.0	-20.6	123.3	95.1	4
5	Goods-producing industries .....	68.5	50.7	15.3	9.0	24.3	-6.9	15.3	10.0	5
6	Manufacturing .....	33.8	26.7	9.4	3.2	17.7	-12.0	14.0	8.3	6
7	Services-producing industries .....	262.5	290.0	88.7	67.0	97.7	-13.7	108.0	85.1	7
8	Trade, transportation, and utilities .....	56.3	61.6	18.9	16.1	19.1	-10.5	19.5	12.8	8
9	Other services-producing industries .....	206.2	228.3	69.8	50.8	78.6	-3.1	88.6	72.3	9
10	Government .....	28.7	37.8	12.8	9.2	8.7	7.2	8.3	14.2	10
11	<b>Supplements to wages and salaries</b> .....	<b>51.4</b>	<b>61.1</b>	<b>18.4</b>	<b>17.3</b>	<b>21.7</b>	<b>13.5</b>	<b>22.3</b>	<b>20.2</b>	11
12	Employer contributions for employee pension and insurance funds <sup>1</sup> .....	30.8	40.7	11.2	12.6	13.9	14.9	14.5	14.0	12
13	Employer contributions for government social insurance .....	20.6	20.4	7.2	4.8	7.8	-1.4	7.7	6.3	13
14	<b>Proprietors' income with inventory valuation and capital consumption adjustments</b> .....	<b>53.0</b>	<b>39.0</b>	<b>15.0</b>	<b>22.9</b>	<b>11.9</b>	<b>3.0</b>	<b>3.9</b>	<b>12.9</b>	14
15	Farm .....	-19.3	-28.6	0.3	5.9	-6.5	-5.8	-2.5	-1.5	15
16	Nonfarm .....	72.3	67.6	14.7	17.0	18.4	8.8	6.4	14.4	16
17	<b>Rental income of persons with capital consumption adjustment</b> .....	<b>39.0</b>	<b>53.5</b>	<b>20.1</b>	<b>11.5</b>	<b>9.2</b>	<b>15.5</b>	<b>7.8</b>	<b>5.3</b>	17
18	<b>Personal income receipts on assets</b> .....	<b>170.9</b>	<b>26.9</b>	<b>23.9</b>	<b>10.8</b>	<b>-39.7</b>	<b>0.4</b>	<b>19.9</b>	<b>14.5</b>	18
19	Personal interest income .....	39.3	1.9	49.9	20.3	-43.1	3.1	14.1	7.6	19
20	Personal dividend income .....	131.6	25.0	-26.0	-9.5	3.5	-2.7	5.7	7.0	20
21	<b>Personal current transfer receipts</b> .....	<b>112.4</b>	<b>138.3</b>	<b>36.5</b>	<b>16.7</b>	<b>16.0</b>	<b>35.8</b>	<b>19.6</b>	<b>22.9</b>	21
22	Government social benefits to persons .....	108.0	132.3	35.1	15.9	15.7	35.6	19.2	22.4	22
23	Social security <sup>2</sup> .....	35.6	37.2	7.8	5.0	6.9	4.8	7.8	5.6	23
24	Medicare <sup>3</sup> .....	26.1	27.1	6.8	7.5	8.2	10.1	9.2	7.0	24
25	Medicaid .....	47.7	52.2	16.0	4.5	1.9	8.4	3.1	12.0	25
26	Unemployment insurance .....	-26.9	-3.3	-1.1	0.0	-0.6	0.1	-1.2	-0.5	26
27	Veterans' benefits .....	4.7	6.1	1.8	0.6	2.2	0.9	2.1	0.4	27
28	Other .....	20.8	13.0	3.9	-1.6	-3.0	11.4	-1.9	-2.2	28
29	Other current transfer receipts, from business (net) .....	4.4	6.0	1.4	0.8	0.3	0.2	0.4	0.5	29
30	<b>Less: Contributions for government social insurance, domestic</b> .....	<b>50.3</b>	<b>48.6</b>	<b>14.8</b>	<b>10.1</b>	<b>15.8</b>	<b>4.9</b>	<b>15.8</b>	<b>13.0</b>	30
31	<b>Less: Personal current taxes</b> .....	<b>109.2</b>	<b>151.7</b>	<b>27.8</b>	<b>7.3</b>	<b>19.4</b>	<b>-31.1</b>	<b>19.4</b>	<b>30.8</b>	31
32	<b>Equals: Disposable personal income</b> .....	<b>626.9</b>	<b>497.1</b>	<b>188.2</b>	<b>147.0</b>	<b>114.7</b>	<b>81.1</b>	<b>169.9</b>	<b>141.5</b>	32
33	<b>Less: Personal outlays</b> .....	<b>521.0</b>	<b>439.5</b>	<b>150.3</b>	<b>122.0</b>	<b>86.4</b>	<b>62.3</b>	<b>192.6</b>	<b>146.2</b>	33
34	Personal consumption expenditures .....	502.2	420.3	141.3	116.7	81.9	59.2	194.7	139.5	34
35	Goods .....	136.0	41.6	54.0	32.4	-4.9	-29.5	76.7	26.5	35
36	Durable goods .....	53.1	60.4	22.2	11.4	7.1	-5.1	23.4	24.0	36
37	Nondurable goods .....	82.9	-18.8	31.8	21.0	-12.0	-24.3	53.3	2.5	37
38	Services .....	366.2	378.7	87.3	84.3	86.8	88.6	118.0	113.0	38
39	Personal interest payments <sup>4</sup> .....	7.7	12.2	6.4	3.8	4.4	-2.6	5.0	2.8	39
40	Personal current transfer payments .....	11.1	7.0	2.6	1.5	0.1	5.7	-7.1	3.9	40
41	To government .....	4.9	5.0	1.1	0.6	0.1	4.2	0.0	0.5	41
42	To the rest of the world (net) .....	6.2	1.9	1.5	0.9	0.0	1.5	-7.2	3.4	42
43	<b>Equals: Personal saving</b> .....	<b>105.9</b>	<b>57.6</b>	<b>37.9</b>	<b>25.0</b>	<b>28.3</b>	<b>18.7</b>	<b>-22.7</b>	<b>-4.7</b>	43
	<b>Addenda:</b>									
44	Personal income excluding current transfer receipts, billions of chained (2009) dollars <sup>5</sup> .....	410.8	426.9	112.0	92.2	95.9	4.6	94.7	91.5	44
45	Disposable personal income, billions of chained (2009) dollars <sup>5</sup> .....	403.4	412.2	117.0	98.9	92.1	65.0	91.2	81.8	45

<sup>r</sup> Revised

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 5. Personal Income and Its Disposition, Percent Change From Preceding Period (Months)**

Line		Seasonally adjusted at monthly rates							Line	
		2016								
		April	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>		Nov. <sup>p</sup>
<b>Based on current-dollar measures</b>										
1	<b>Personal income</b> .....	0.7	0.4	0.4	0.4	0.2	0.4	0.5	0.0	1
2	Compensation of employees .....	1.1	0.6	0.5	0.5	0.1	0.4	0.5	-0.1	2
3	Wages and salaries .....	1.2	0.6	0.6	0.5	0.1	0.4	0.5	-0.1	3
4	Supplements to wages and salaries .....	0.6	0.4	0.4	0.4	0.3	0.3	0.3	0.1	4
5	Proprietors' income with inventory valuation and capital consumption adjustments .....	0.2	-0.1	0.5	0.4	0.0	0.8	0.2	0.3	5
6	Rental income of persons with capital consumption adjustment .....	-0.1	0.1	0.3	0.1	0.4	0.4	0.9	0.9	6
7	Personal income receipts on assets .....	0.2	0.4	-0.1	0.2	0.5	0.2	0.5	0.2	7
8	Personal interest income .....	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	8
9	Personal dividend income .....	0.2	0.7	-0.6	0.3	0.8	0.2	0.4	-0.2	9
10	Personal current transfer receipts .....	0.2	0.1	0.1	0.4	0.5	0.1	0.5	-0.2	10
11	Less: Contributions for government social insurance, domestic .....	1.0	0.5	0.5	0.4	0.1	0.3	0.4	-0.2	11
12	<b>Less: Personal current taxes</b> .....	0.8	0.4	0.4	0.7	0.4	0.6	0.6	0.1	12
13	<b>Equals: Disposable personal income</b> .....	0.7	0.4	0.3	0.4	0.2	0.3	0.5	0.0	13
<b>Addenda:</b>										
14	Personal consumption expenditures .....	1.1	0.3	0.5	0.4	0.1	0.7	0.4	0.2	14
15	Goods .....	1.7	0.1	0.4	0.2	-0.4	1.3	1.1	-0.1	15
16	Durable goods .....	2.0	-0.4	0.3	2.0	-1.5	2.1	1.1	-0.6	16
17	Nondurable goods .....	1.6	0.4	0.5	-0.7	0.1	0.8	1.1	0.1	17
18	Services .....	0.7	0.4	0.6	0.4	0.3	0.4	0.1	0.3	18
<b>Based on chained (2009) dollar measures</b>										
19	Real personal income excluding transfer receipts .....	0.5	0.3	0.3	0.4	0.0	0.2	0.2	0.0	19
20	Real disposable personal income .....	0.3	0.2	0.2	0.3	0.1	0.1	0.2	-0.1	20

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**Table 6. Personal Income and Its Disposition, Percent Change From Preceding Period (Years and Quarters)**

Line		2014	2015	Seasonally adjusted at annual rates						Line
				2015			2016			
				II	III	IV	I	II	III <sup>r</sup>	
<b>Based on current-dollar measures</b>										
1	<b>Personal income</b> .....	5.2	4.4	5.8	4.1	3.5	1.3	4.9	4.4	1
2	Compensation of employees .....	4.6	4.8	5.8	4.3	6.4	0.0	6.4	5.3	2
3	Wages and salaries .....	5.1	5.1	6.2	4.4	6.8	-0.7	6.7	5.5	3
4	Supplements to wages and salaries .....	3.0	3.4	4.1	3.8	4.8	2.9	4.8	4.3	4
5	Proprietors' income with inventory valuation and capital consumption adjustments .....	4.1	2.9	4.5	6.9	3.5	0.8	1.1	3.7	5
6	Rental income of persons with capital consumption adjustment .....	6.9	8.8	13.3	7.2	5.6	9.5	4.6	3.1	6
7	Personal income receipts on assets .....	8.3	1.2	4.3	1.9	-6.8	0.1	3.6	2.6	7
8	Personal interest income .....	3.1	0.1	16.7	6.3	-12.3	1.0	4.4	2.3	8
9	Personal dividend income .....	16.6	2.7	-10.2	-3.9	1.5	-1.1	2.5	3.0	9
10	Personal current transfer receipts .....	4.6	5.4	5.7	2.5	2.4	5.4	2.9	3.4	10
11	Less: Contributions for government social insurance, domestic .....	4.6	4.2	5.1	3.4	5.3	1.6	5.3	4.2	11
12	<b>Less: Personal current taxes</b> .....	6.5	8.5	5.9	1.5	4.1	-6.2	4.1	6.5	12
13	<b>Equals: Disposable personal income</b> .....	5.1	3.8	5.8	4.4	3.4	2.4	5.0	4.1	13
<b>Addenda:</b>										
14	Personal consumption expenditures .....	4.4	3.5	4.8	3.9	2.7	1.9	6.4	4.5	14
15	Goods .....	3.5	1.0	5.6	3.3	-0.5	-2.9	7.9	2.6	15
16	Durable goods .....	4.3	4.7	6.9	3.4	2.1	-1.5	7.0	7.1	16
17	Nondurable goods .....	3.2	-0.7	4.9	3.2	-1.8	-3.6	8.3	0.4	17
18	Services .....	4.9	4.8	4.4	4.2	4.2	4.3	5.7	5.4	18
<b>Based on chained (2009) dollar measures</b>										
19	Real personal income excluding transfer receipts .....	3.8	3.8	3.9	3.2	3.3	0.2	3.2	3.1	19
20	Real disposable personal income .....	3.5	3.5	3.9	3.3	3.0	2.1	2.9	2.6	20

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**Table 7. Real Personal Consumption Expenditures by Major Type of Product (Months)**

Line		2016							Line	
		April	May	June	July <sup>p</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>		Nov. <sup>p</sup>
<b>Billions of chained (2009) dollars, seasonally adjusted at annual rates</b>										
1	<b>Personal consumption expenditures (PCE)</b> .....	11,457.1	11,475.3	11,522.2	11,557.5	11,546.2	11,603.3	11,619.3	11,636.1	1
2	<b>Goods</b> .....	4,022.6	4,029.1	4,047.0	4,068.8	4,047.8	4,086.7	4,116.3	4,118.9	2
3	Durable goods.....	1,555.9	1,555.6	1,571.4	1,606.7	1,583.3	1,623.2	1,640.5	1,638.4	3
4	Nondurable goods.....	2,499.9	2,506.3	2,510.0	2,501.5	2,501.0	2,504.8	2,518.5	2,522.7	4
5	<b>Services</b> .....	7,441.0	7,452.7	7,481.9	7,496.6	7,504.1	7,524.8	7,514.3	7,528.1	5
<b>Change from preceding period in billions of chained (2009) dollars, seasonally adjusted at annual rates</b>										
6	<b>Personal consumption expenditures (PCE)</b> .....	82.7	18.1	46.9	35.4	-11.3	57.0	16.0	16.8	6
7	<b>Goods</b> .....	49.0	6.5	17.9	21.9	-21.0	38.8	29.6	2.6	7
8	Durable goods.....	28.8	-0.3	15.9	35.3	-23.5	39.9	17.3	-2.2	8
9	Nondurable goods.....	22.2	6.3	3.7	-8.5	-0.5	3.8	13.7	4.1	9
10	<b>Services</b> .....	36.2	11.7	29.2	14.7	7.5	20.7	-10.5	13.8	10
<b>Percent change from preceding period in chained (2009) dollars, seasonally adjusted at monthly rates</b>										
11	<b>Personal consumption expenditures (PCE)</b> .....	0.7	0.2	0.4	0.3	-0.1	0.5	0.1	0.1	11
12	<b>Goods</b> .....	1.2	0.2	0.4	0.5	-0.5	1.0	0.7	0.1	12
13	Durable goods.....	1.9	0.0	1.0	2.2	-1.5	2.5	1.1	-0.1	13
14	Nondurable goods.....	0.9	0.3	0.1	-0.3	0.0	0.2	0.5	0.2	14
15	<b>Services</b> .....	0.5	0.2	0.4	0.2	0.1	0.3	-0.1	0.2	15

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**Table 8. Real Personal Consumption Expenditures by Major Type of Product (Years and Quarters)**

Line		2014	2015	Seasonally adjusted at annual rates						Line
				2015			2016			
				II	III	IV	I	II	III <sup>r</sup>	
<b>Billions of chained (2009) dollars</b>										
1	<b>Personal consumption expenditures (PCE)</b> .....	10,868.9	11,214.7	11,181.3	11,255.9	11,319.3	11,365.2	11,484.9	11,569.0	1
2	<b>Goods</b> .....	3,755.4	3,907.4	3,892.1	3,932.6	3,953.4	3,964.7	4,032.9	4,067.8	2
3	Durable goods.....	1,401.1	1,498.1	1,489.8	1,512.4	1,527.3	1,524.9	1,560.9	1,604.4	3
4	Nondurable goods.....	2,376.4	2,439.3	2,431.8	2,451.3	2,458.4	2,471.1	2,505.4	2,502.5	4
5	<b>Services</b> .....	7,114.2	7,310.3	7,291.8	7,327.2	7,369.8	7,403.9	7,458.5	7,508.5	5
<b>Change from preceding period in billions of chained (2009) dollars</b>										
6	<b>Personal consumption expenditures (PCE)</b> .....	303.5	345.9	79.0	74.5	63.4	45.9	119.6	84.2	6
7	<b>Goods</b> .....	141.9	152.0	40.7	40.5	20.7	11.3	68.2	34.9	7
8	Durable goods.....	88.4	97.0	26.9	22.5	15.0	-2.4	36.1	43.5	8
9	Nondurable goods.....	60.2	62.9	16.0	19.5	7.1	12.7	34.3	-3.0	9
10	<b>Services</b> .....	162.8	196.2	39.5	35.4	42.6	34.1	54.7	50.0	10
<b>Percent change from preceding period in chained (2009) dollars</b>										
11	<b>Personal consumption expenditures (PCE)</b> .....	2.9	3.2	2.9	2.7	2.3	1.6	4.3	3.0	11
12	<b>Goods</b> .....	3.9	4.0	4.3	4.2	2.1	1.2	7.1	3.5	12
13	Durable goods.....	6.7	6.9	7.6	6.2	4.0	-0.6	9.8	11.6	13
14	Nondurable goods.....	2.6	2.6	2.7	3.2	1.2	2.1	5.7	-0.5	14
15	<b>Services</b> .....	2.3	2.8	2.2	2.0	2.3	1.9	3.0	2.7	15

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**Table 9. Price Indexes for Personal Consumption Expenditures: Level and Percent Change From Preceding Period (Months)**

Line		2016								Line
		April	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>	Nov. <sup>p</sup>	
<b>Chain-type price indexes (2009=100), seasonally adjusted</b>										
1	<b>Personal consumption expenditures (PCE)</b> .....	110.351	110.540	110.666	110.725	110.902	111.135	111.424	111.470	1
2	<b>Goods</b> .....	101.331	101.288	101.284	100.926	101.014	101.310	101.702	101.522	2
3	Durable goods .....	89.448	89.148	88.538	88.286	88.237	87.861	87.897	87.498	3
4	Nondurable goods .....	107.380	107.496	107.870	107.452	107.627	108.349	108.966	108.931	4
5	<b>Services</b> .....	115.130	115.445	115.641	115.926	116.151	116.349	116.581	116.751	5
<b>Addenda:</b>										
6	PCE excluding food and energy .....	110.995	111.182	111.273	111.441	111.659	111.778	111.925	111.930	6
7	Food <sup>1</sup> .....	110.629	110.120	109.866	109.760	109.582	109.523	109.469	109.271	7
8	Energy goods and services <sup>2</sup> .....	94.561	95.901	97.298	95.500	95.439	98.337	102.064	103.358	8
9	Market-based PCE <sup>3</sup> .....	108.711	108.913	109.054	109.081	109.221	109.445	109.745	109.802	9
10	Market-based PCE excluding food and energy <sup>3</sup> .....	109.167	109.368	109.472	109.617	109.799	109.893	110.032	110.045	10
<b>Percent change from preceding period in price indexes, seasonally adjusted at monthly rates</b>										
11	<b>Personal consumption expenditures (PCE)</b> .....	0.3	0.2	0.1	0.1	0.2	0.2	0.3	0.0	11
12	<b>Goods</b> .....	0.5	0.0	0.0	-0.4	0.1	0.3	0.4	-0.2	12
13	Durable goods .....	0.1	-0.3	-0.7	-0.3	-0.1	-0.4	0.0	-0.5	13
14	Nondurable goods .....	0.7	0.1	0.3	-0.4	0.2	0.7	0.6	0.0	14
15	<b>Services</b> .....	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.1	15
<b>Addenda:</b>										
16	PCE excluding food and energy .....	0.2	0.2	0.1	0.2	0.2	0.1	0.1	0.0	16
17	Food <sup>1</sup> .....	0.2	-0.5	-0.2	-0.1	-0.2	-0.1	0.0	-0.2	17
18	Energy goods and services <sup>2</sup> .....	3.8	1.4	1.5	-1.8	-0.1	3.0	3.8	1.3	18
19	Market-based PCE <sup>3</sup> .....	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.1	19
20	Market-based PCE excluding food and energy <sup>3</sup> .....	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	20

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- Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
- Consists of gasoline and other energy goods and of electricity and gas services.
- 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 10. Real Disposable Personal Income and Real Personal Consumption Expenditures: Percent Change From Month One Year Ago**

Line		2016								Line
		April	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>	Nov. <sup>p</sup>	
1	<b>Disposable personal income</b> .....	2.9	2.8	2.8	2.8	2.6	2.5	2.5	2.3	1
2	<b>Personal consumption expenditures</b> .....	2.8	2.5	2.9	2.9	2.6	2.8	2.9	2.8	2
3	Goods .....	3.9	3.2	3.7	3.7	2.9	3.6	4.6	4.1	3
4	Durable goods .....	5.1	3.8	5.4	6.6	4.8	6.8	8.3	6.9	4
5	Nondurable goods .....	3.3	2.8	2.9	2.3	2.0	2.0	2.8	2.6	5
6	Services .....	2.2	2.2	2.5	2.5	2.4	2.4	2.1	2.3	6

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**Table 11. Price Indexes for Personal Consumption Expenditures: Percent Change From Month One Year Ago**

Line		2016								Line
		April	May	June	July <sup>r</sup>	Aug. <sup>r</sup>	Sept. <sup>r</sup>	Oct. <sup>r</sup>	Nov. <sup>p</sup>	
1	<b>Personal consumption expenditures (PCE)</b> .....	1.0	1.0	0.9	0.9	1.0	1.2	1.4	1.4	1
2	<b>Goods</b> .....	-1.4	-1.8	-1.8	-2.2	-1.8	-1.1	-0.7	-0.8	2
3	Durable goods .....	-1.7	-1.9	-2.3	-2.3	-2.1	-2.6	-2.4	-2.5	3
4	Nondurable goods .....	-1.3	-1.8	-1.6	-2.1	-1.6	-0.3	0.2	0.2	4
5	<b>Services</b> .....	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.4	5
<b>Addenda:</b>										
6	PCE excluding food and energy .....	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.6	6
7	Food <sup>1</sup> .....	0.0	-0.4	-0.9	-1.2	-1.5	-1.7	-1.8	-1.7	7
8	Energy goods and services <sup>2</sup> .....	-9.7	-10.7	-10.0	-11.7	-10.0	-3.5	-0.1	0.8	8
9	Market-based PCE <sup>3</sup> .....	0.7	0.7	0.7	0.6	0.8	1.0	1.2	1.2	9
10	Market-based PCE excluding food and energy <sup>3</sup> .....	1.3	1.4	1.4	1.5	1.6	1.5	1.5	1.5	10

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- Food consists of food and beverages purchased for off-premises consumption; food services, which include purchased meals and beverages, are not classified as food.
- Consists of gasoline and other energy goods and of electricity and gas services.
- 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.