

News Release

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Personal Income and Outlays, October 2020

Personal income decreased \$130.1 billion (0.7 percent) in October according to estimates released today by the Bureau of Economic Analysis (tables 3 and 5). **Disposable personal income** (DPI) decreased \$134.8 billion (0.8 percent) and **personal consumption expenditures** (PCE) increased \$70.9 billion (0.5 percent).

Real DPI decreased 0.8 percent in October and **Real PCE** increased 0.5 percent (tables 5 and 7). The **PCE price index** was unchanged from September. The PCE price index excluding food and energy was also unchanged (table 9).

COVID-19 Impact on October 2020 Personal Income and Outlays

The October estimate for personal income and outlays was impacted by the response to the spread of COVID-19. Federal economic recovery payments slowed as pandemic-related assistance programs continued to wind down. The full economic effects of the COVID-19 pandemic cannot be quantified in the personal income and outlays estimate because the impacts are generally embedded in source data and cannot be separately identified. For more information, see [Effects of Selected Federal Pandemic Response Programs on Personal Income](#).

The decrease in personal income in October was led by a decrease in government social benefits (table 3). Within government social benefits, “other” social benefits decreased which primarily reflected a decrease in Lost Wages Supplemental Payments, a Federal Emergency Management Agency program that provides wage assistance to individuals impacted by the pandemic.

Offsetting the decrease in government social benefits were increases in compensation and proprietors’ income (led by farm). Within compensation, an increase in private wages and salaries was partly offset by a decrease in government wages and salaries, which decreased \$8.4 billion in October, following a decrease of \$8.2 billion in September and an increase of \$22.8 billion in August. Temporary and intermittent decennial Census workers boosted government wages by \$3.7 billion in October after adding \$9.3 billion in September and \$10.9 billion in August. Within farm proprietors’ income, there was

an increase in payments under the Coronavirus Food Assistance Program related to supporting farmers and ranchers impacted by COVID-19.

	2020				
	June	July	Aug.	Sep.	Oct.
	Percent change from preceding month				
Personal income:					
Current dollars	-1.1	0.9	-2.5	0.7	-0.7
Disposable personal income:					
Current dollars	-1.4	0.8	-2.9	0.7	-0.8
Chained (2012) dollars	-1.8	0.6	-3.3	0.6	-0.8
Personal consumption expenditures (PCE):					
Current dollars	6.5	1.5	1.2	1.2	0.5
Chained (2012) dollars	5.9	1.2	0.9	1.1	0.5
Price indexes:					
PCE	0.5	0.3	0.3	0.2	0.0
PCE, excluding food and energy	0.3	0.3	0.3	0.2	0.0
	Percent change from month one year ago				
Price indexes:					
PCE	0.9	1.0	1.3	1.4	1.2
PCE, excluding food and energy	1.1	1.3	1.5	1.6	1.4

The \$63.5 billion increase in real PCE in October reflected increases of \$12.7 billion in spending for goods and \$48.7 billion in spending for services (table 7). The leading contributor to the increase in spending for goods was recreational goods and vehicles (led by information processing equipment) based on Census Monthly Retail Trade Survey data. The leading contributor to the increase in spending for services were spending for health care (led by hospitals). Spending for health care was based on volume data for outpatient visits and revenue data. Detailed information on monthly real PCE spending can be found on [Table 2.3.6U](#).

Personal outlays increased \$67.5 billion in October (table 3). **Personal saving** was \$2.38 trillion in October and the **personal saving rate**—personal saving as a percentage of disposable personal income—was 13.6 percent (table 1).

Updates to Personal Income and Outlays

Estimates have been updated for April through September. For April through June, estimates for compensation, personal taxes, and contributions for government social insurance reflect the incorporation of the most recently available second-quarter wage and salary data from the Bureau of Labor Statistics Quarterly Census of Employment and Wages program. Revised and previously published changes from the preceding month for current-dollar personal income, and for current-dollar and chained (2012) dollar DPI and PCE, are shown below.

	Change from preceding month							
	August				September			
	<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	-496.0	-505.7	-2.5	-2.5	170.3	147.1	0.9	0.7
Disposable personal income:								
Current dollars	-525.5	-531.3	-2.9	-2.9	150.3	130.8	0.9	0.7
Chained (2012) dollars	-523.4	-528.2	-3.2	-3.3	108.9	91.5	0.7	0.6
Personal consumption expenditures:								
Current dollars	147.9	175.3	1.0	1.2	201.4	175.5	1.4	1.2
Chained (2012) dollars	91.4	116.5	0.7	0.9	159.2	136.2	1.2	1.1

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Next release: December 23, 2020 at 8:30 A.M. EST
 Personal Income and Outlays, November 2020

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Personal Income and Outlays Release Dates for 2021

Estimate	Release Date
December 2020	January 29, 2021
January 2021	February 26, 2021
February 2021	March 26, 2021
March 2021	April 30, 2021
April 2021	May 28, 2021
May 2021	June 25, 2021
June 2021	July 30, 2021
July 2021	August 27, 2021
August 2021	October 1, 2021
September 2021	October 29, 2021
October 2021	November 24, 2021
November 2021	December 23, 2021

Additional Information

Resources

Additional Resources available at www.bea.gov:

- Information on COVID-19 and recovery impacts is available on our [web site](#).
- Stay informed about BEA developments Stay informed about BEA developments by reading [The BEA Wire](#), 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?](#)" and "[Why does BEA publish percent changes in quarterly series at annual rates?](#)"

Quantities and prices. Quantities, or "real" volume measures, and prices are expressed as index numbers with a specified reference year equal to 100 (currently 2012). Quantity and price indexes are calculated using a Fisher-chained weighted formula that incorporates weights from two adjacent periods (months for monthly data, quarters for quarterly data and annuals for annual data). For details on the calculation of quantity and price indexes, see Chapter 4: Estimating Methods in the [NIPA Handbook](#).

Chained-dollar values are calculated by multiplying the quantity index by the current dollar value in the reference year (2012) 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. In tables that display chained-dollar values, a "residual" line shows the difference between the sum of detailed chained-dollar series and its corresponding aggregate.

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Table 1. Personal Income and Its Disposition (Months)

[Billions of dollars]

Line		Seasonally adjusted at annual rates								Line
		2020								
		March	April ^r	May ^r	June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^p	
1	Personal income	18,763.5	21,093.1	20,246.1	20,032.7	20,214.5	19,708.8	19,855.9	19,725.9	1
2	Compensation of employees	11,483.9	10,660.5	10,962.1	11,225.8	11,397.1	11,554.3	11,647.6	11,728.0	2
3	Wages and salaries	9,358.1	8,661.9	8,925.4	9,139.1	9,286.6	9,424.8	9,506.5	9,576.9	3
4	Private industries	7,873.7	7,225.7	7,514.0	7,722.0	7,857.1	7,972.6	8,062.4	8,141.2	4
5	Goods-producing industries	1,513.6	1,361.8	1,443.7	1,487.6	1,522.4	1,540.8	1,548.7	1,555.1	5
6	Manufacturing	893.3	813.6	863.8	896.0	926.2	941.1	945.0	946.3	6
7	Services-producing industries	6,360.1	5,863.9	6,070.3	6,234.4	6,334.8	6,431.7	6,513.8	6,586.1	7
8	Trade, transportation, and utilities	1,421.9	1,321.9	1,362.8	1,401.7	1,446.8	1,469.4	1,492.9	1,490.6	8
9	Other services-producing industries	4,938.2	4,542.0	4,707.5	4,832.7	4,888.0	4,962.3	5,020.9	5,095.6	9
10	Government	1,484.4	1,436.2	1,411.5	1,417.0	1,429.4	1,452.2	1,444.1	1,435.7	10
11	Supplements to wages and salaries	2,125.8	1,998.7	2,036.6	2,086.8	2,110.6	2,129.5	2,141.1	2,151.1	11
12	Employer contributions for employee pension and insurance funds ¹	1,469.6	1,375.7	1,393.3	1,431.4	1,446.7	1,459.2	1,467.7	1,477.1	12
13	Employer contributions for government social insurance	656.2	622.9	643.4	655.4	663.9	670.3	673.4	674.0	13
14	Proprietors' income with inventory valuation and capital consumption adjustments	1,636.6	1,444.4	1,492.9	1,598.4	1,701.9	1,810.4	1,901.3	1,923.7	14
15	Farm	44.9	33.7	22.9	60.2	47.4	71.8	69.5	144.6	15
16	Nonfarm	1,591.7	1,410.7	1,470.0	1,538.2	1,654.4	1,738.6	1,831.7	1,779.1	16
17	Rental income of persons with capital consumption adjustment	803.9	799.9	796.6	791.7	798.7	805.3	814.0	818.4	17
18	Personal income receipts on assets	2,978.8	2,945.1	2,908.9	2,876.6	2,876.4	2,857.8	2,854.0	2,875.3	18
19	Personal interest income	1,671.0	1,654.0	1,637.0	1,619.9	1,634.4	1,629.0	1,623.7	1,632.2	19
20	Personal dividend income	1,307.8	1,291.1	1,271.8	1,256.7	1,242.0	1,228.8	1,230.4	1,243.1	20
21	Personal current transfer receipts	3,291.4	6,597.8	5,478.0	4,958.3	4,876.8	4,133.1	4,100.2	3,847.6	21
22	Government social benefits to persons	3,245.7	6,552.0	5,432.2	4,898.0	4,831.0	4,087.2	4,054.2	3,801.5	22
23	Social security ²	1,073.3	1,075.1	1,076.5	1,074.6	1,078.5	1,081.5	1,081.8	1,093.2	23
24	Medicare ³	807.3	810.6	828.7	832.9	837.5	842.6	848.1	854.0	24
25	Medicaid	635.7	653.2	669.2	684.1	693.7	694.1	686.0	669.2	25
26	Unemployment insurance	74.4	493.0	1,355.8	1,404.9	1,318.3	631.4	356.3	306.0	26
27	Veterans' benefits	139.8	140.8	142.2	143.1	144.3	145.4	146.4	147.3	27
28	Other	515.2	3,379.3	1,359.8	758.3	758.6	692.2	935.6	731.8	28
29	Other current transfer receipts, from business (net)	45.8	45.8	45.8	60.3	45.8	45.9	46.0	46.1	29
30	Less: Contributions for government social insurance, domestic	1,431.1	1,354.6	1,392.3	1,418.1	1,436.4	1,452.0	1,461.2	1,467.1	30
31	Less: Personal current taxes	2,213.4	2,057.3	2,099.1	2,133.2	2,164.1	2,189.7	2,206.0	2,210.7	31
32	Equals: Disposable personal income	16,550.1	19,035.9	18,147.1	17,899.5	18,050.4	17,519.1	17,649.9	17,515.2	32
33	Less: Personal outlays	14,419.3	12,622.2	13,658.0	14,489.8	14,697.5	14,876.1	15,067.9	15,135.4	33
34	Personal consumption expenditures	13,878.5	12,112.1	13,165.4	14,014.6	14,218.8	14,394.1	14,569.6	14,640.5	34
35	Goods	4,498.7	3,890.8	4,447.8	4,745.9	4,814.8	4,860.4	4,923.1	4,925.1	35
36	Durable goods	1,369.0	1,199.6	1,548.7	1,686.6	1,723.4	1,760.1	1,777.5	1,788.9	36
37	Nondurable goods	3,129.7	2,691.2	2,899.1	3,059.3	3,091.4	3,100.2	3,145.7	3,136.1	37
38	Services	9,379.8	8,221.2	8,717.5	9,268.7	9,404.1	9,533.7	9,646.5	9,715.5	38
39	Personal interest payments ⁴	335.9	303.6	286.0	268.4	278.0	287.6	297.2	293.6	39
40	Personal current transfer payments	205.0	206.5	206.6	206.8	200.7	194.5	201.1	201.3	40
41	To government	112.3	112.3	112.5	112.6	112.8	113.0	113.1	113.3	41
42	To the rest of the world (net)	92.7	94.1	94.1	94.1	87.9	81.5	87.9	87.9	42
43	Equals: Personal saving	2,130.7	6,413.7	4,489.1	3,409.7	3,352.9	2,643.0	2,582.1	2,379.8	43
44	Personal saving as a percentage of disposable personal income	12.9	33.7	24.7	19.0	18.6	15.1	14.6	13.6	44
45	Addenda:									
	Personal income excluding current transfer receipts, billions of chained (2012) dollars⁵	13,975.5	13,163.7	13,389.9	13,600.8	13,799.5	13,969.1	14,107.5	14,217.2	45
	Disposable personal income:									
46	Total, billions of chained (2012) dollars ⁵	14,949.3	17,287.1	16,453.5	16,149.8	16,240.2	15,712.0	15,803.6	15,682.9	46
	Per capita:									
47	Current dollars	50,207	57,726	55,009	54,234	54,665	53,029	53,398	52,965	47
48	Chained (2012) dollars	45,351	52,423	49,875	48,933	49,183	47,559	47,812	47,424	48
49	Population (midperiod, thousands) ⁶	329,638	329,760	329,894	330,038	330,199	330,368	330,535	330,692	49

p Preliminary

r Revised. Revisions include changes to series affected by the incorporation of revised wage and salary estimates for the second quarter of 2020.

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. Note that mortgage interest paid by households is an expense item in the calculation of rental income of persons.

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.

Source: U.S. Bureau of Economic Analysis

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

[Billions of dollars]

Line		2018	2019	Seasonally adjusted at annual rates					Line	
				2019			2020			
				Q2	Q3	Q4	Q1 ^r	Q3 ^r		
1	Personal income	17,851.8	18,551.5	18,480.9	18,597.6	18,760.8	18,951.0	20,457.3	19,926.4	1
2	Compensation of employees	10,950.1	11,432.4	11,391.7	11,438.0	11,564.8	11,674.4	10,949.5	11,533.0	2
3	Wages and salaries	8,894.2	9,309.3	9,274.9	9,311.3	9,422.5	9,526.1	8,908.8	9,405.9	3
4	Private industries	7,491.7	7,858.5	7,832.5	7,852.3	7,953.0	8,044.5	7,487.2	7,964.0	4
5	Goods-producing industries	1,468.7	1,529.9	1,529.1	1,524.9	1,541.3	1,543.1	1,431.0	1,537.3	5
6	Manufacturing	883.6	910.3	910.9	903.9	917.5	913.8	857.8	937.4	6
7	Services-producing industries	6,023.0	6,328.7	6,303.5	6,327.3	6,411.6	6,501.4	6,056.2	6,426.7	7
8	Trade, transportation, and utilities	1,360.7	1,415.3	1,411.1	1,416.5	1,427.2	1,444.2	1,362.1	1,469.7	8
9	Other services-producing industries	4,662.3	4,913.4	4,892.4	4,910.9	4,984.5	5,057.2	4,694.1	4,957.1	9
10	Government	1,402.5	1,450.8	1,442.3	1,459.0	1,469.5	1,481.6	1,421.6	1,441.9	10
11	Supplements to wages and salaries	2,055.9	2,123.1	2,116.8	2,126.6	2,142.4	2,148.3	2,040.7	2,127.1	11
12	Employer contributions for employee pension and insurance funds ¹	1,430.7	1,474.0	1,469.8	1,477.6	1,486.1	1,482.3	1,400.1	1,457.8	12
13	Employer contributions for government social insurance	625.2	649.1	646.9	649.0	656.3	666.0	640.5	669.2	13
14	Proprietors' income with inventory valuation and capital consumption adjustments	1,585.9	1,657.7	1,628.5	1,677.0	1,697.7	1,706.0	1,511.9	1,804.5	14
15	Farm	43.0	49.7	36.9	58.9	58.7	56.4	38.9	62.9	15
16	Nonfarm	1,542.9	1,608.0	1,591.6	1,618.1	1,639.0	1,649.6	1,473.0	1,741.6	16
17	Rental income of persons with capital consumption adjustment	759.3	787.1	786.7	789.7	795.5	802.3	796.1	806.0	17
18	Personal income receipts on assets	2,946.7	2,967.9	2,970.2	2,970.1	2,980.4	2,984.3	2,910.2	2,862.8	18
19	Personal interest income	1,641.6	1,677.4	1,682.6	1,681.7	1,693.4	1,679.7	1,637.0	1,629.0	19
20	Personal dividend income	1,305.1	1,290.4	1,287.6	1,288.3	1,287.0	1,304.6	1,273.2	1,233.8	20
21	Personal current transfer receipts	2,970.3	3,125.2	3,118.6	3,141.9	3,155.2	3,235.5	5,678.0	4,370.0	21
22	Government social benefits to persons	2,922.9	3,078.0	3,071.0	3,094.8	3,108.7	3,189.6	5,627.4	4,324.1	22
23	Social security ²	972.4	1,030.7	1,026.7	1,034.3	1,043.0	1,068.5	1,075.4	1,080.6	23
24	Medicare ³	734.2	783.7	779.7	789.9	797.9	804.7	824.1	842.7	24
25	Medicaid	589.8	614.0	615.0	622.3	619.4	624.1	668.8	691.3	25
26	Unemployment insurance	27.9	27.7	27.5	27.6	27.9	43.4	1,084.6	768.7	26
27	Veterans' benefits	119.7	130.9	129.8	131.9	134.5	138.6	142.1	145.3	27
28	Other	478.9	490.9	492.4	488.9	486.0	510.4	1,832.5	795.5	28
29	Other current transfer receipts, from business (net)	47.4	47.2	47.5	47.1	46.5	45.9	50.6	45.9	29
30	Less: Contributions for government social insurance, domestic	1,360.4	1,418.8	1,414.7	1,419.0	1,432.9	1,451.5	1,388.4	1,449.8	30
31	Less: Personal current taxes	2,085.3	2,202.9	2,222.5	2,197.1	2,221.2	2,252.4	2,096.5	2,186.6	31
32	Equals: Disposable personal income	15,766.5	16,348.6	16,258.4	16,400.5	16,539.6	16,698.6	18,360.8	17,739.8	32
33	Less: Personal outlays	14,529.2	15,117.4	15,072.3	15,219.9	15,335.8	15,103.3	13,590.0	14,880.5	33
34	Personal consumption expenditures	13,993.3	14,544.6	14,497.3	14,645.3	14,759.2	14,545.5	13,097.3	14,394.2	34
35	Goods	4,371.9	4,512.2	4,517.7	4,553.6	4,562.4	4,552.9	4,361.5	4,866.1	35
36	Durable goods	1,481.6	1,534.4	1,536.0	1,552.8	1,554.1	1,496.4	1,478.3	1,753.7	36
37	Nondurable goods	2,890.3	2,977.9	2,981.7	3,000.8	3,008.2	3,056.5	2,883.2	3,112.4	37
38	Services	9,621.4	10,032.4	9,979.6	10,091.7	10,196.8	9,992.5	8,735.8	9,528.1	38
39	Personal interest payments ⁴	332.9	362.3	364.7	364.9	364.6	352.9	286.0	287.6	39
40	Personal current transfer payments	203.0	210.5	210.3	209.7	212.0	204.9	206.6	198.7	40
41	To government	111.4	115.2	114.9	115.5	116.0	112.2	112.5	113.0	41
42	To the rest of the world (net)	91.6	95.3	95.4	94.2	96.0	92.7	94.1	85.8	42
43	Equals: Personal saving	1,237.3	1,231.2	1,186.1	1,180.6	1,203.8	1,595.3	4,770.8	2,859.3	43
44	Personal saving as a percentage of disposable personal income	7.8	7.5	7.3	7.2	7.3	9.6	26.0	16.1	44
45	Addenda:									
45	Personal income excluding current transfer receipts, billions of chained (2012) dollars⁵	13,748.8	14,042.9	14,001.1	14,037.4	14,119.5	14,173.6	13,383.3	13,958.8	45
46	Disposable personal income:									
46	Total, billions of chained (2012) dollars ⁵	14,566.4	14,882.5	14,817.8	14,895.4	14,964.5	15,060.3	16,626.5	15,917.9	46
47	Per capita:									
47	Current dollars	48,223	49,763	49,528	49,890	50,244	50,674	55,656	53,697	47
48	Chained (2012) dollars	44,553	45,301	45,139	45,312	45,459	45,702	50,399	48,182	48
49	Population (midperiod, thousands) ⁶	326,949	328,527	328,270	328,730	329,186	329,529	329,898	330,368	49

^r Revised. Revisions include changes to series affected by the incorporation of revised wage and salary estimates for the second quarter of 2020.

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. Note that mortgage interest paid by households is an expense item in the calculation of rental income of persons.

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.

Source: U.S. Bureau of Economic Analysis

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

[Billions of dollars]

Line		Seasonally adjusted at annual rates								Line
		2020								
		March	April ^r	May ^r	June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^p	
1	Personal income	-352.7	2,329.7	-847.0	-213.5	181.9	-505.7	147.1	-130.1	1
2	Compensation of employees	-340.6	-823.4	301.5	263.8	171.3	157.1	93.3	80.4	2
3	Wages and salaries	-301.2	-696.2	263.6	213.6	147.5	138.2	81.7	70.4	3
4	Private industries	-303.1	-648.0	288.3	208.1	135.1	115.4	89.9	78.8	4
5	Goods-producing industries	-51.7	-151.8	81.9	44.0	34.7	18.5	7.8	6.4	5
6	Manufacturing	-33.6	-79.7	50.2	32.1	30.2	14.8	4.0	1.3	6
7	Services-producing industries	-251.3	-496.2	206.4	164.1	100.4	97.0	82.0	72.4	7
8	Trade, transportation, and utilities	-38.7	-100.0	40.8	39.0	45.0	22.7	23.5	-2.3	8
9	Other services-producing industries	-212.6	-396.2	165.6	125.1	55.3	74.3	58.6	74.7	9
10	Government	1.9	-48.2	-24.7	5.5	12.4	22.8	-8.2	-8.4	10
11	Supplements to wages and salaries	-39.5	-127.2	38.0	50.1	23.8	18.9	11.7	10.0	11
12	Employer contributions for employee pension and insurance funds ¹	-21.4	-93.9	17.5	38.1	15.3	12.5	8.5	9.4	12
13	Employer contributions for government social insurance	-18.1	-33.3	20.4	12.0	8.5	6.4	3.1	0.6	13
14	Proprietors' income with inventory valuation and capital consumption adjustments	-125.7	-192.2	48.5	105.5	103.5	108.5	90.9	22.4	14
15	Farm	-34.9	-11.2	-10.7	37.2	-12.7	24.4	-2.3	75.1	15
16	Nonfarm	-90.8	-180.9	59.2	68.2	116.2	84.1	93.1	-52.7	16
17	Rental income of persons with capital consumption adjustment	1.6	-4.0	-3.3	-5.0	7.0	6.6	8.8	4.4	17
18	Personal income receipts on assets	-5.4	-33.6	-36.3	-32.2	-0.2	-18.6	-3.8	21.2	18
19	Personal interest income	-8.8	-16.9	-17.0	-17.1	14.5	-5.4	-5.3	8.5	19
20	Personal dividend income	3.4	-16.7	-19.2	-15.1	-14.7	-13.2	1.5	12.7	20
21	Personal current transfer receipts	80.2	3,306.4	-1,119.8	-519.7	-81.5	-743.7	-32.9	-252.6	21
22	Government social benefits to persons	80.3	3,306.4	-1,119.8	-534.2	-67.0	-743.8	-33.0	-252.7	22
23	Social security ²	6.1	1.8	1.4	-1.9	3.9	3.0	0.3	11.4	23
24	Medicare ³	2.8	3.2	18.2	4.2	4.6	5.1	5.5	6.0	24
25	Medicaid	14.9	17.5	16.0	14.9	9.6	0.3	-8.1	-16.8	25
26	Unemployment insurance	46.5	418.7	862.7	49.2	-86.6	-686.9	-275.1	-50.4	26
27	Veterans' benefits	1.2	1.1	1.4	0.9	1.2	1.1	1.0	0.9	27
28	Other	8.7	2,864.1	-2,019.5	-601.5	0.3	-66.4	243.3	-203.8	28
29	Other current transfer receipts, from business (net)	-0.1	0.0	0.0	14.5	-14.5	0.1	0.1	0.1	29
30	Less: Contributions for government social insurance, domestic	-37.1	-76.5	37.7	25.8	18.2	15.6	9.2	5.9	30
31	Less: Personal current taxes	-71.6	-156.1	41.8	34.1	30.9	25.6	16.3	4.7	31
32	Equals: Disposable personal income	-281.2	2,485.8	-888.8	-247.6	151.0	-531.3	130.8	-134.8	32
33	Less: Personal outlays	-1,023.0	-1,797.2	1,035.8	831.8	207.7	178.6	191.7	67.5	33
34	Personal consumption expenditures	-998.9	-1,766.4	1,053.3	849.2	204.2	175.3	175.5	70.9	34
35	Goods	-69.5	-607.9	557.0	298.1	68.9	45.6	62.8	1.9	35
36	Durable goods	-183.5	-169.3	349.1	137.9	36.8	36.7	17.3	11.5	36
37	Nondurable goods	114.0	-438.5	207.9	160.2	32.0	8.9	45.4	-9.5	37
38	Services	-929.4	-1,158.6	496.3	551.2	135.3	129.7	112.8	69.0	38
39	Personal interest payments ⁴	-24.2	-32.3	-17.6	-17.6	9.6	9.6	9.6	-3.6	39
40	Personal current transfer payments	0.1	1.5	0.1	0.2	-6.1	-6.2	6.6	0.2	40
41	To government	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	41
42	To the rest of the world (net)	0.0	1.5	0.0	0.0	-6.2	-6.4	6.4	0.0	42
43	Equals: Personal saving	741.8	4,283.0	-1,924.6	-1,079.4	-56.8	-710.0	-60.9	-202.3	43
	Addenda:									
44	Personal income excluding current transfer receipts, billions of chained (2012) dollars ⁵	-352.6	-811.9	226.2	210.9	198.7	169.6	138.4	109.7	44
45	Disposable personal income, billions of chained (2012) dollars ⁵	-213.3	2,337.7	-833.5	-303.7	90.4	-528.2	91.5	-120.7	45

p Preliminary

r Revised. Revisions include changes to series affected by the incorporation of revised wage and salary estimates for the second quarter of 2020.

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. Note that mortgage interest paid by households is an expense item in the calculation of rental income of persons.

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

Source: U.S. Bureau of Economic Analysis

Table 4. Personal Income and Its Disposition, Change from Preceding Period (Years and Quarters)

[Billions of dollars]

Line		2018	2019	Seasonally adjusted at annual rates						Line
				2019			2020			
				Q2	Q3	Q4	Q1	Q2 ^r	Q3 ^r	
1	Personal income	903.2	699.7	114.2	116.7	163.1	190.2	1,506.3	-530.9	1
2	Compensation of employees	527.6	482.3	56.4	46.3	126.9	109.6	-724.9	583.5	2
3	Wages and salaries	422.7	415.1	46.2	36.4	111.2	103.6	-617.3	497.2	3
4	Private industries	368.0	366.8	36.1	19.7	100.7	91.5	-557.3	476.8	4
5	Goods-producing industries	76.3	61.1	4.9	-4.1	16.4	1.8	-112.1	106.3	5
6	Manufacturing	37.6	26.7	2.2	-7.0	13.5	-3.6	-56.0	79.6	6
7	Services-producing industries	291.6	305.7	31.2	23.9	84.3	89.8	-445.2	370.5	7
8	Trade, transportation, and utilities	48.3	54.6	4.7	5.4	10.7	17.0	-82.0	107.5	8
9	Other services-producing industries	243.3	251.1	26.6	18.5	73.6	72.8	-363.2	263.0	9
10	Government	54.8	48.3	10.1	16.7	10.5	12.1	-60.0	20.3	10
11	Supplements to wages and salaries	104.8	67.2	10.1	9.9	15.7	6.0	-107.7	86.4	11
12	Employer contributions for employee pension and insurance funds ¹	84.7	43.3	7.3	7.8	8.4	-3.8	-82.2	57.7	12
13	Employer contributions for government social insurance	20.1	23.9	2.8	2.1	7.3	9.8	-25.5	28.7	13
14	Proprietors' income with inventory valuation and capital consumption adjustments	77.0	71.7	1.0	48.5	20.7	8.3	-194.1	292.6	14
15	Farm	1.5	6.6	-7.3	22.0	-0.2	-2.3	-17.5	24.0	15
16	Nonfarm	75.5	65.1	8.3	26.5	20.9	10.6	-176.6	268.6	16
17	Rental income of persons with capital consumption adjustment	37.4	27.8	10.1	3.0	5.9	6.8	-6.3	9.9	17
18	Personal income receipts on assets	208.2	21.2	19.5	-0.1	10.4	3.9	-74.1	-47.4	18
19	Personal interest income	63.9	35.8	30.6	-0.8	11.7	-13.7	-42.7	-8.0	19
20	Personal dividend income	144.2	-14.6	-11.1	0.7	-1.3	17.6	-31.4	-39.4	20
21	Personal current transfer receipts	115.2	154.9	33.3	23.3	13.3	80.3	2,442.5	-1,308.0	21
22	Government social benefits to persons	116.7	155.1	33.5	23.8	13.9	80.9	2,437.8	-1,303.3	22
23	Social security ²	46.3	58.3	7.8	7.6	8.8	25.4	6.9	5.2	23
24	Medicare ³	41.9	49.5	12.4	10.2	8.0	6.7	19.4	18.7	24
25	Medicaid	16.1	24.2	15.6	7.3	-2.9	4.7	44.7	22.4	25
26	Unemployment insurance	-2.4	-0.1	-0.5	0.1	0.3	15.5	1,041.1	-315.9	26
27	Veterans' benefits	8.2	11.2	2.5	2.1	2.6	4.1	3.5	3.3	27
28	Other	6.5	12.1	-4.1	-3.5	-2.9	24.4	1,322.1	-1,037.0	28
29	Other current transfer receipts, from business (net)	-1.5	-0.2	-0.2	-0.4	-0.6	-0.6	4.7	-4.7	29
30	Less: Contributions for government social insurance, domestic	62.0	58.4	6.1	4.2	13.9	18.7	-63.2	61.5	30
31	Less: Personal current taxes	38.6	117.6	51.8	-25.3	24.1	31.2	-155.9	90.1	31
32	Equals: Disposable personal income	864.7	582.1	62.4	142.1	139.1	159.0	1,662.2	-621.0	32
33	Less: Personal outlays	698.3	588.2	230.8	147.6	115.9	-232.5	-1,513.3	1,290.5	33
34	Personal consumption expenditures	652.9	551.3	220.7	148.0	113.9	-213.7	-1,448.1	1,296.8	34
35	Goods	199.6	140.4	102.5	35.9	8.8	-9.5	-191.4	504.6	35
36	Durable goods	70.9	52.8	41.5	16.9	1.3	-57.7	-18.1	275.4	36
37	Nondurable goods	128.7	87.6	61.0	19.1	7.5	48.2	-173.3	229.2	37
38	Services	453.3	411.0	118.2	112.1	105.1	-204.3	-1,256.7	792.2	38
39	Personal interest payments ⁴	35.6	29.4	9.6	0.2	-0.3	-11.7	-66.9	1.6	39
40	Personal current transfer payments	9.8	7.4	0.5	-0.6	2.3	-7.1	1.7	-7.9	40
41	To government	4.3	3.8	0.7	0.6	0.5	-3.8	0.3	0.5	41
42	To the rest of the world (net)	5.5	3.6	-0.3	-1.2	1.8	-3.4	1.5	-8.4	42
43	Equals: Personal saving	166.3	-6.1	-168.4	-5.5	23.2	391.5	3,175.5	-1,911.5	43
	Addenda:									
44	Personal income excluding current transfer receipts, billions of chained (2012) dollars ⁵	451.0	294.1	-13.6	36.3	82.1	54.1	-790.3	575.4	44
45	Disposable personal income, billions of chained (2012) dollars ⁵	505.9	316.1	-35.7	77.6	69.1	95.8	1,566.3	-708.6	45

^r Revised. Revisions include changes to series affected by the incorporation of revised wage and salary estimates for the second quarter of 2020.

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. Note that mortgage interest paid by households is an expense item in the calculation of rental income of persons.

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

Source: U.S. Bureau of Economic Analysis

Table 5. Personal Income and Its Disposition, Percent Change from Preceding Period (Months)

Line		Seasonally adjusted at monthly rates								Line
		2020								
		March	April ^r	May ^r	June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^p	
Based on current-dollar measures										
1	Personal income	-1.8	12.4	-4.0	-1.1	0.9	-2.5	0.7	-0.7	1
2	Compensation of employees	-2.9	-7.2	2.8	2.4	1.5	1.4	0.8	0.7	2
3	Wages and salaries	-3.1	-7.4	3.0	2.4	1.6	1.5	0.9	0.7	3
4	Supplements to wages and salaries	-1.8	-6.0	1.9	2.5	1.1	0.9	0.5	0.5	4
5	Proprietors' income with inventory valuation and capital consumption adjustments	-7.1	-11.7	3.4	7.1	6.5	6.4	5.0	1.2	5
6	Rental income of persons with capital consumption adjustment	0.2	-0.5	-0.4	-0.6	0.9	0.8	1.1	0.5	6
7	Personal income receipts on assets	-0.2	-1.1	-1.2	-1.1	0.0	-0.6	-0.1	0.7	7
8	Personal interest income	-0.5	-1.0	-1.0	-1.0	0.9	-0.3	-0.3	0.5	8
9	Personal dividend income	0.3	-1.3	-1.5	-1.2	-1.2	-1.1	0.1	1.0	9
10	Personal current transfer receipts	2.5	100.5	-17.0	-9.5	-1.6	-15.3	-0.8	-6.2	10
11	Less: Contributions for government social insurance, domestic	-2.5	-5.3	2.8	1.9	1.3	1.1	0.6	0.4	11
12	Less: Personal current taxes	-3.1	-7.1	2.0	1.6	1.4	1.2	0.7	0.2	12
13	Equals: Disposable personal income	-1.7	15.0	-4.7	-1.4	0.8	-2.9	0.7	-0.8	13
Addenda:										
14	Personal consumption expenditures	-6.7	-12.7	8.7	6.5	1.5	1.2	1.2	0.5	14
15	Goods	-1.5	-13.5	14.3	6.7	1.5	0.9	1.3	0.0	15
16	Durable goods	-11.8	-12.4	29.1	8.9	2.2	2.1	1.0	0.6	16
17	Nondurable goods	3.8	-14.0	7.7	5.5	1.0	0.3	1.5	-0.3	17
18	Services	-9.0	-12.4	6.0	6.3	1.5	1.4	1.2	0.7	18
Based on chained (2012) dollar measures										
19	Real personal income excluding transfer receipts	-2.5	-5.8	1.7	1.6	1.5	1.2	1.0	0.8	19
20	Real disposable personal income	-1.4	15.6	-4.8	-1.8	0.6	-3.3	0.6	-0.8	20

p Preliminary

r Revised. Revisions include changes to series affected by the incorporation of revised wage and salary estimates for the second quarter of 2020.

Source: U.S. Bureau of Economic Analysis

November 25, 2020

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

Line		2018	2019	Seasonally adjusted at annual rates						Line
				2019			2020			
				Q2	Q3	Q4	Q1	Q2 ^r	Q3 ^r	
Based on current-dollar measures										
1	Personal income	5.3	3.9	2.5	2.6	3.6	4.1	35.8	-10.0	1
2	Compensation of employees	5.1	4.4	2.0	1.6	4.5	3.8	-22.6	23.1	2
3	Wages and salaries	5.0	4.7	2.0	1.6	4.9	4.5	-23.5	24.3	3
4	Supplements to wages and salaries	5.4	3.3	1.9	1.9	3.0	1.1	-18.6	18.0	4
5	Proprietors' income with inventory valuation and capital consumption adjustments	5.1	4.5	0.2	12.4	5.0	2.0	-38.3	102.9	5
6	Rental income of persons with capital consumption adjustment	5.2	3.7	5.3	1.5	3.0	3.5	-3.1	5.1	6
7	Personal income receipts on assets	7.6	0.7	2.7	0.0	1.4	0.5	-9.6	-6.4	7
8	Personal interest income	4.1	2.2	7.6	-0.2	2.8	-3.2	-9.8	-1.9	8
9	Personal dividend income	12.4	-1.1	-3.4	0.2	-0.4	5.6	-9.3	-11.8	9
10	Personal current transfer receipts	4.0	5.2	4.4	3.0	1.7	10.6	848.5	-64.9	10
11	Less: Contributions for government social insurance, domestic	4.8	4.3	1.7	1.2	4.0	5.3	-16.3	18.9	11
12	Less: Personal current taxes	1.9	5.6	9.9	-4.5	4.5	5.7	-24.9	18.3	12
13	Equals: Disposable personal income	5.8	3.7	1.5	3.5	3.4	3.9	46.2	-12.9	13
Addenda:										
14	Personal consumption expenditures	4.9	3.9	6.3	4.1	3.1	-5.7	-34.3	45.9	14
15	Goods	4.8	3.2	9.6	3.2	0.8	-0.8	-15.8	54.9	15
16	Durable goods	5.0	3.6	11.6	4.5	0.3	-14.0	-4.8	98.0	16
17	Nondurable goods	4.7	3.0	8.6	2.6	1.0	6.6	-20.8	35.8	17
18	Services	4.9	4.3	4.9	4.6	4.2	-7.8	-41.6	41.5	18
Based on chained (2012) dollar measures										
19	Real personal income excluding transfer receipts	3.4	2.1	-0.4	1.0	2.4	1.5	-20.5	18.3	19
20	Real disposable personal income	3.6	2.2	-1.0	2.1	1.9	2.6	48.6	-16.0	20

r Revised. Revisions include changes to series affected by the incorporation of revised wage and salary estimates for the second quarter of 2020.

Source: U.S. Bureau of Economic Analysis

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

Line		2020								Line
		March	April	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p	
Billions of chained (2012) dollars, seasonally adjusted at annual rates										
1	Personal consumption expenditures (PCE)	12,536.1	10,999.3	11,936.7	12,644.7	12,792.8	12,909.3	13,045.5	13,108.9	1
2	Goods	4,785.2	4,187.1	4,788.2	5,057.0	5,107.4	5,133.2	5,208.6	5,221.3	2
3	Durable goods	1,606.8	1,427.1	1,831.3	1,975.4	2,004.7	2,030.7	2,051.0	2,066.5	3
4	Nondurable goods	3,169.1	2,755.3	2,978.6	3,109.9	3,132.2	3,134.0	3,188.2	3,186.8	4
5	Services	7,847.1	6,893.8	7,291.3	7,735.6	7,832.9	7,920.3	7,987.1	8,035.9	5
Change from preceding period in billions of chained (2012) dollars, seasonally adjusted at annual rates										
6	Personal consumption expenditures (PCE)	-866.3	-1,536.8	937.4	707.9	148.2	116.5	136.2	63.5	6
7	Goods	-32.0	-598.1	601.1	268.8	50.5	25.8	75.3	12.7	7
8	Durable goods	-207.2	-179.7	404.2	144.0	29.4	25.9	20.3	15.5	8
9	Nondurable goods	147.8	-413.9	223.3	131.3	22.3	1.8	54.2	-1.4	9
10	Services	-778.2	-953.3	397.4	444.3	97.3	87.4	66.8	48.7	10
Percent change from preceding period in chained (2012) dollars, seasonally adjusted at monthly rates										
11	Personal consumption expenditures (PCE)	-6.5	-12.3	8.5	5.9	1.2	0.9	1.1	0.5	11
12	Goods	-0.7	-12.5	14.4	5.6	1.0	0.5	1.5	0.2	12
13	Durable goods	-11.4	-11.2	28.3	7.9	1.5	1.3	1.0	0.8	13
14	Nondurable goods	4.9	-13.1	8.1	4.4	0.7	0.1	1.7	0.0	14
15	Services	-9.0	-12.1	5.8	6.1	1.3	1.1	0.8	0.6	15

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Source: U.S. Bureau of Economic Analysis

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

Line		2018	2019	Seasonally adjusted at annual rates						Line
				2019			2020			
				Q2	Q3	Q4	Q1	Q2	Q3 ^r	
Billions of chained (2012) dollars										
1	Personal consumption expenditures (PCE)	12,928.1	13,240.2	13,212.8	13,301.3	13,353.7	13,118.4	11,860.3	12,915.9	1
2	Goods	4,590.2	4,760.5	4,756.3	4,805.2	4,811.8	4,812.9	4,677.4	5,149.7	2
3	Durable goods	1,692.7	1,774.6	1,770.5	1,797.8	1,811.7	1,752.0	1,744.6	2,028.8	3
4	Nondurable goods	2,910.3	3,001.5	3,001.0	3,023.9	3,018.2	3,070.6	2,947.9	3,151.5	4
5	Services	8,367.1	8,520.5	8,498.3	8,541.5	8,584.9	8,365.3	7,306.9	7,913.5	5
Change from preceding period in billions of chained (2012) dollars										
6	Personal consumption expenditures (PCE)	341.0	312.1	119.6	88.6	52.3	-235.3	-1,258.2	1,055.6	6
7	Goods	179.6	170.3	87.6	48.9	6.6	1.1	-135.5	472.3	7
8	Durable goods	108.1	81.9	52.1	27.4	13.8	-59.7	-7.4	284.2	8
9	Nondurable goods	76.3	91.2	38.1	22.9	-5.7	52.4	-122.7	203.6	9
10	Services	171.7	153.4	40.8	43.2	43.4	-219.5	-1,058.4	606.5	10
Percent change from preceding period in chained (2012) dollars										
11	Personal consumption expenditures (PCE)	2.7	2.4	3.7	2.7	1.6	-6.9	-33.2	40.6	11
12	Goods	4.1	3.7	7.7	4.2	0.6	0.1	-10.8	46.9	12
13	Durable goods	6.8	4.8	12.7	6.3	3.1	-12.5	-1.7	82.9	13
14	Nondurable goods	2.7	3.1	5.3	3.1	-0.7	7.1	-15.0	30.6	14
15	Services	2.1	1.8	1.9	2.0	2.0	-9.8	-41.8	37.6	15

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Source: U.S. Bureau of Economic Analysis

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

Line		2020								Line
		March	April	May	June	July ^f	Aug. ^f	Sept. ^f	Oct. ^p	
Chain-type price indexes (2012=100), seasonally adjusted										
1	Personal consumption expenditures (PCE)	110.717	110.131	110.314	110.859	111.160	111.506	111.684	111.684	1
2	Goods	94.017	92.939	92.920	93.885	94.284	94.684	94.512	94.319	2
3	Durable goods	85.201	84.096	84.628	85.455	85.989	86.664	86.633	86.536	3
4	Nondurable goods	98.744	97.677	97.349	98.400	98.707	98.924	98.662	98.407	4
5	Services	119.533	119.265	119.577	119.838	120.070	120.376	120.778	120.905	5
Addenda:										
6	PCE excluding food and energy	113.013	112.526	112.755	113.145	113.476	113.846	114.049	114.033	6
7	Food ¹	105.958	108.471	109.335	109.901	108.908	108.795	108.478	108.606	7
8	Energy goods and services ²	80.854	73.041	71.529	74.846	76.701	77.347	77.882	77.954	8
9	Market-based PCE ³	108.282	107.934	108.043	108.453	108.677	108.986	109.082	109.078	9
10	Market-based PCE excluding food and energy ³	110.506	110.320	110.466	110.671	110.917	111.247	111.359	111.335	10
Percent change from preceding period in price indexes, seasonally adjusted at monthly rates										
11	Personal consumption expenditures (PCE)	-0.3	-0.5	0.2	0.5	0.3	0.3	0.2	0.0	11
12	Goods	-0.9	-1.1	0.0	1.0	0.4	0.4	-0.2	-0.2	12
13	Durable goods	-0.5	-1.3	0.6	1.0	0.6	0.8	0.0	-0.1	13
14	Nondurable goods	-1.1	-1.1	-0.3	1.1	0.3	0.2	-0.3	-0.3	14
15	Services	0.0	-0.2	0.3	0.2	0.2	0.3	0.3	0.1	15
Addenda:										
16	PCE excluding food and energy	-0.1	-0.4	0.2	0.3	0.3	0.3	0.2	0.0	16
17	Food ¹	0.6	2.4	0.8	0.5	-0.9	-0.1	-0.3	0.1	17
18	Energy goods and services ²	-6.0	-9.7	-2.1	4.6	2.5	0.8	0.7	0.1	18
19	Market-based PCE ³	-0.2	-0.3	0.1	0.4	0.2	0.3	0.1	0.0	19
20	Market-based PCE excluding food and energy ³	0.0	-0.2	0.1	0.2	0.2	0.3	0.1	0.0	20

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

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

3. 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.

Source: U.S. Bureau of Economic Analysis

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Table 10. Real Disposable Personal Income and Real Personal Consumption Expenditures: Percent Change from Month One Year Ago

Line		2020								Line
		March	April ^f	May ^f	June ^f	July ^f	Aug. ^f	Sept. ^f	Oct. ^p	
1	Disposable personal income	0.6	16.7	11.1	8.9	9.4	5.4	5.8	5.0	1
2	Personal consumption expenditures	-4.7	-16.5	-9.6	-4.6	-3.7	-3.0	-2.1	-1.8	2
3	Goods	1.6	-11.5	0.6	5.8	6.5	6.7	8.4	8.5	3
4	Durable goods	-8.2	-18.7	3.1	11.0	12.1	13.0	13.4	14.7	4
5	Nondurable goods	6.5	-7.9	-0.6	3.2	3.6	3.4	5.7	5.2	5
6	Services	-7.5	-18.7	-14.2	-9.2	-8.1	-7.3	-6.7	-6.3	6

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Source: U.S. Bureau of Economic Analysis

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

Line		2020								Line
		March	April	May	June	July ^f	Aug. ^f	Sept. ^f	Oct. ^p	
1	Personal consumption expenditures (PCE)	1.3	0.5	0.5	0.9	1.0	1.3	1.4	1.2	1
2	Goods	-0.8	-2.2	-2.2	-1.1	-0.7	-0.1	-0.1	-0.5	2
3	Durable goods	-1.8	-2.9	-2.3	-1.8	-0.6	0.4	0.4	0.4	3
4	Nondurable goods	-0.3	-1.8	-2.1	-0.7	-0.7	-0.3	-0.4	-1.0	4
5	Services	2.3	1.7	1.8	1.9	1.8	1.9	2.1	2.0	5
Addenda:										
6	PCE excluding food and energy	1.7	0.9	1.0	1.1	1.3	1.5	1.6	1.4	6
7	Food ¹	1.3	4.0	4.6	5.2	4.3	4.3	3.9	3.8	7
8	Energy goods and services ²	-5.9	-17.0	-18.1	-12.8	-11.4	-9.4	-8.1	-9.6	8
9	Market-based PCE ³	1.2	0.6	0.6	0.9	1.0	1.2	1.3	1.1	9
10	Market-based PCE excluding food and energy ³	1.5	1.1	1.2	1.2	1.3	1.5	1.5	1.3	10

p Preliminary

r Revised

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

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

3. 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.

Source: U.S. Bureau of Economic Analysis