

News Release

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Personal Income and Outlays, August 2024

Personal income increased \$50.5 billion (0.2 percent at a monthly rate) in August, according to estimates released today by the U.S. Bureau of Economic Analysis (tables 2 and 3). **Disposable personal income** (DPI), personal income less personal current taxes, increased \$34.2 billion (0.2 percent) and **personal consumption expenditures** (PCE) increased \$47.2 billion (0.2 percent).

The **PCE price index** increased 0.1 percent. Excluding food and energy, the PCE price index increased 0.1 percent (table 5). **Real DPI** increased 0.1 percent in August and **real PCE** increased 0.1 percent; goods increased less than 0.1 percent and services increased 0.2 percent (tables 3 and 4).

	2024				
	April	May	June	July	Aug.
	Percent change from preceding month				
Personal income:					
Current dollars	0.4	0.5	0.3	0.3	0.2
Disposable personal income:					
Current dollars	0.3	0.4	0.2	0.2	0.2
Chained (2017) dollars	0.1	0.4	0.1	0.1	0.1
Personal consumption expenditures (PCE):					
Current dollars	0.3	0.5	0.3	0.5	0.2
Chained (2017) dollars	0.0	0.5	0.1	0.4	0.1
Price indexes:					
PCE	0.3	0.0	0.1	0.2	0.1
PCE, excluding food and energy	0.3	0.1	0.2	0.2	0.1
	Percent change from month one year ago				
Price indexes:					
PCE	2.7	2.6	2.4	2.5	2.2
PCE, excluding food and energy	2.9	2.7	2.6	2.6	2.7

The increase in **current-dollar personal income** in August primarily reflected an increase in compensation that was partly offset by a decrease in personal income receipts on assets (table 2).

The \$47.2 billion increase in **current-dollar PCE** in August reflected an increase of \$54.8 billion in spending for services and a decrease of \$7.6 billion in spending for goods (table 2). Within services, the largest contributors to the increase were housing as well as financial services and insurance. Within goods, the largest contributor to the decrease was spending for new motor vehicles. Detailed information on monthly PCE spending can be found on [Table 2.4.5U](#).

Personal outlays—the sum of PCE, personal interest payments, and personal current transfer payments—increased \$48.3 billion in August (table 2). **Personal saving** was \$1.05 trillion in August and the **personal saving rate**—personal saving as a percentage of disposable personal income—was 4.8 percent (table 1).

Prices

From the preceding month, the **PCE price index** for August increased 0.1 percent (table 5). Prices for goods decreased 0.2 percent and prices for services increased 0.2 percent. Food prices increased 0.1 percent and energy prices decreased 0.8 percent. Excluding food and energy, the PCE price index increased 0.1 percent. Detailed monthly PCE price indexes can be found on [Table 2.4.4U](#).

From the same month one year ago, the **PCE price index** for August increased 2.2 percent (table 7). Prices for goods decreased 0.9 percent and prices for services increased 3.7 percent. Food prices increased 1.1 percent and energy prices decreased 5.0 percent. Excluding food and energy, the PCE price index increased 2.7 percent from one year ago.

Real PCE

The 0.1 percent increase in **real PCE** in August reflected an increase of less than 0.1 percent in spending on goods and an increase of 0.2 percent in spending on services (table 4). Within goods, the largest contributor to the increase was other nondurable goods (led by pharmaceutical products). Within services, the largest contributor to the increase was recreation services (led by gambling). Detailed information on monthly real PCE spending can be found on [Table 2.4.6U](#).

Updates to Personal Income and Outlays

Today's release presents results from the annual update of the National Economic Accounts. The revisions for income and consumer spending estimates begin with January 2019. Monthly estimates for January through March of 2024 include revisions resulting from the incorporation of first-quarter wage and salary data from the Bureau of Labor Statistics (BLS) Quarterly Census of Employment and Wages program. Estimates for wages and salaries for April through July of 2024 have been updated to reflect revised monthly data from the BLS Current Employment Statistics program.

Revised and previously published changes in monthly personal income, DPI, PCE, personal saving as a percentage of DPI, real DPI and real PCE are shown in table 8 of this release. Updated quarterly and annual estimates of personal income and outlays were presented as part of the third estimate of GDP for the second quarter of 2024 on September 26, 2024.

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Next release: October 31, 2024, at 8:30 a.m. EDT
Personal Income and Outlays, September 2024

Additional Information

Resources

Additional Resources available at www.bea.gov:

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- Access BEA data by registering for BEA's Data [Application Programming Interface](#) (API).
- For more on BEA's statistics, refer to our 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, refer to 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, refer to 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, refer to 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 2017). 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, refer to 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 (2017) 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.

Personal Income and Outlays News Release Tables

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Table 1. Personal Income and Its Disposition (Months)

[Billions of dollars]

Line		Seasonally adjusted at annual rates								Line
		2024								
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
1	Personal income	24,226.7	24,330.9	24,474.9	24,565.4	24,676.2	24,738.0	24,803.2	24,853.7	1
2	Compensation of employees	14,686.6	14,836.5	14,948.1	14,976.3	15,060.3	15,095.0	15,146.6	15,217.1	2
3	Wages and salaries	12,129.0	12,263.3	12,360.5	12,379.6	12,450.6	12,474.4	12,514.6	12,572.8	3
4	Private industries	10,325.4	10,447.5	10,531.2	10,543.9	10,607.7	10,623.1	10,656.0	10,706.1	4
5	Goods-producing industries	1,904.0	1,929.1	1,951.7	1,955.5	1,967.3	1,977.1	1,977.9	1,987.8	5
6	Manufacturing	1,108.9	1,124.0	1,136.7	1,137.4	1,148.5	1,154.1	1,154.7	1,158.8	6
7	Services-producing industries	8,421.4	8,518.5	8,579.5	8,588.4	8,640.4	8,646.0	8,678.1	8,718.3	7
8	Trade, transportation, and utilities	1,842.8	1,865.0	1,867.7	1,866.7	1,878.9	1,881.0	1,884.5	1,895.4	8
9	Other services-producing industries	6,578.6	6,653.4	6,711.8	6,721.7	6,761.5	6,765.0	6,793.5	6,822.9	9
10	Government	1,803.6	1,815.8	1,829.3	1,835.7	1,842.9	1,851.3	1,858.6	1,866.7	10
11	Supplements to wages and salaries	2,557.6	2,573.2	2,587.6	2,596.7	2,609.8	2,620.6	2,632.0	2,644.3	11
12	Employer contributions for employee pension and insurance funds ¹	1,712.3	1,722.8	1,733.0	1,741.4	1,749.9	1,759.5	1,768.6	1,777.2	12
13	Employer contributions for government social insurance	845.2	850.4	854.6	855.3	859.9	861.1	863.5	867.1	13
14	Proprietors' income with inventory valuation and capital consumption adjustments	1,969.7	1,971.2	1,975.6	1,995.2	2,003.0	2,008.7	2,021.8	2,018.0	14
15	Farm	39.5	38.1	37.9	39.5	41.1	42.6	44.4	46.2	15
16	Nonfarm	1,930.1	1,933.0	1,937.7	1,955.7	1,961.9	1,966.1	1,977.3	1,971.7	16
17	Rental income of persons with capital consumption adjustment	1,032.0	1,046.4	1,059.9	1,060.7	1,053.5	1,046.0	1,052.8	1,060.2	17
18	Personal income receipts on assets	3,999.7	3,912.2	3,904.9	3,929.6	3,953.7	3,967.4	3,949.4	3,928.9	18
19	Personal interest income	1,967.6	1,951.0	1,934.3	1,950.4	1,966.3	1,982.0	1,969.8	1,957.4	19
20	Personal dividend income	2,032.1	1,961.2	1,970.6	1,979.2	1,987.5	1,985.3	1,979.6	1,971.5	20
21	Personal current transfer receipts	4,411.3	4,448.1	4,478.9	4,498.6	4,510.1	4,528.4	4,545.4	4,549.9	21
22	Government social benefits to persons	4,271.8	4,321.0	4,350.9	4,362.3	4,380.3	4,397.6	4,413.7	4,417.2	22
23	Social security ²	1,421.9	1,425.0	1,432.7	1,435.9	1,438.7	1,444.6	1,449.9	1,451.7	23
24	Medicare ³	1,044.2	1,049.0	1,054.4	1,060.4	1,066.9	1,074.1	1,081.8	1,090.0	24
25	Medicaid	889.7	906.4	918.4	922.3	925.2	926.4	926.7	926.9	25
26	Unemployment insurance	34.8	35.0	35.0	34.5	34.8	35.6	35.9	35.8	26
27	Veterans' benefits	210.1	211.7	213.4	215.1	216.8	218.4	219.9	221.6	27
28	Other	671.2	693.9	697.1	694.1	697.8	698.6	699.5	691.3	28
29	Other current transfer receipts, from business (net)	139.5	127.1	128.0	136.3	129.8	130.8	131.7	132.6	29
30	Less: Contributions for government social insurance, domestic	1,872.5	1,883.5	1,892.5	1,894.9	1,904.4	1,907.4	1,912.8	1,920.4	30
31	Less: Personal current taxes	2,947.9	2,966.4	2,982.6	2,999.5	3,024.2	3,039.1	3,055.2	3,071.5	31
32	Equals: Disposable personal income	21,278.8	21,364.6	21,492.3	21,565.9	21,652.0	21,698.9	21,748.0	21,782.2	32
33	Less: Personal outlays	20,105.3	20,218.4	20,367.8	20,423.3	20,522.1	20,577.1	20,680.6	20,728.9	33
34	Personal consumption expenditures	19,308.5	19,412.7	19,553.2	19,603.3	19,697.3	19,747.5	19,849.9	19,897.1	34
35	Goods	6,115.8	6,134.2	6,196.5	6,186.0	6,218.9	6,209.0	6,264.2	6,256.6	35
36	Durable goods	2,113.0	2,128.6	2,140.3	2,129.3	2,151.7	2,144.5	2,168.8	2,163.9	36
37	Nondurable goods	4,002.8	4,005.6	4,056.2	4,056.7	4,067.2	4,064.5	4,095.3	4,092.6	37
38	Services	13,192.6	13,278.5	13,356.7	13,417.3	13,478.5	13,538.5	13,585.8	13,640.5	38
39	Personal interest payments ⁴	525.8	534.4	542.9	547.3	551.7	556.1	556.8	557.5	39
40	Personal current transfer payments	271.0	271.4	271.7	272.7	273.1	273.5	273.9	274.4	40
41	To government	137.5	137.9	138.2	138.6	139.0	139.4	139.8	140.3	41
42	To the rest of the world (net)	133.5	133.5	133.5	134.1	134.1	134.1	134.1	134.1	42
43	Equals: Personal saving	1,173.5	1,146.2	1,124.5	1,142.6	1,129.9	1,121.8	1,067.3	1,053.2	43
44	Personal saving as a percentage of disposable personal income	5.5	5.4	5.2	5.3	5.2	5.2	4.9	4.8	44
45	Addenda:									
45	Personal income excluding current transfer receipts, billions of chained (2017) dollars⁵	16,227.8	16,232.7	16,269.5	16,284.5	16,366.3	16,382.3	16,396.2	16,418.6	45
46	Disposable personal income:									
46	Total, billions of chained (2017) dollars ⁵	17,426.2	17,442.4	17,486.9	17,501.0	17,572.2	17,589.5	17,602.3	17,614.0	46
47	Per capita:									
47	Current dollars	63,293	63,527	63,885	64,079	64,309	64,419	64,533	64,600	47
48	Chained (2017) dollars	51,834	51,865	51,979	52,001	52,192	52,219	52,232	52,239	48
49	Population (midperiod, thousands) ⁶	336,194	336,306	336,423	336,550	336,687	336,839	337,005	337,185	49

p Preliminary

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, Change from Preceding Period (Months)

[Billions of dollars]

Line		Seasonally adjusted at annual rates								Line
		2024								
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
1	Personal income	323.7	104.2	144.0	90.5	110.8	61.8	65.1	50.5	1
2	Compensation of employees	140.1	149.9	111.6	28.1	84.1	34.6	51.6	70.5	2
3	Wages and salaries	121.4	134.3	97.2	19.1	71.0	23.8	40.2	58.2	3
4	Private industries	108.1	122.1	83.7	12.7	63.8	15.4	32.9	50.1	4
5	Goods-producing industries	19.7	25.0	22.6	3.8	11.8	9.8	0.8	9.9	5
6	Manufacturing	8.3	15.1	12.7	0.7	11.0	5.7	0.6	4.2	6
7	Services-producing industries	88.4	97.0	61.0	8.9	52.0	5.6	32.1	40.2	7
8	Trade, transportation, and utilities	7.6	22.2	2.7	-1.0	12.3	2.0	3.6	10.9	8
9	Other services-producing industries	80.8	74.8	58.4	9.9	39.8	3.5	28.5	29.3	9
10	Government	13.3	12.2	13.5	6.3	7.2	8.4	7.3	8.1	10
11	Supplements to wages and salaries	18.7	15.6	14.4	9.1	13.1	10.8	11.4	12.3	11
12	Employer contributions for employee pension and insurance funds ¹	15.2	10.5	10.3	8.3	8.5	9.7	9.0	8.6	12
13	Employer contributions for government social insurance	3.5	5.2	4.2	0.7	4.6	1.2	2.4	3.7	13
14	Proprietors' income with inventory valuation and capital consumption adjustments	2.2	1.5	4.4	19.6	7.8	5.8	13.0	-3.8	14
15	Farm	-2.5	-1.4	-0.2	1.6	1.6	1.6	1.8	1.8	15
16	Nonfarm	4.6	2.9	4.7	18.0	6.2	4.2	11.2	-5.6	16
17	Rental income of persons with capital consumption adjustment	13.8	14.4	13.4	0.9	-7.2	-7.5	6.8	7.4	17
18	Personal income receipts on assets	59.5	-87.4	-7.3	24.6	24.2	13.7	-18.0	-20.5	18
19	Personal interest income	-16.5	-16.6	-16.7	16.0	15.9	15.8	-12.3	-12.4	19
20	Personal dividend income	75.9	-70.8	9.4	8.6	8.3	-2.1	-5.7	-8.1	20
21	Personal current transfer receipts	120.7	36.8	30.9	19.6	11.5	18.3	17.0	4.5	21
22	Government social benefits to persons	99.9	49.1	30.0	11.4	18.0	17.3	16.1	3.6	22
23	Social security ²	48.2	3.1	7.7	3.1	2.9	5.8	5.3	1.8	23
24	Medicare ³	4.3	4.8	5.4	6.0	6.6	7.1	7.7	8.3	24
25	Medicaid	23.0	16.7	11.9	4.0	2.9	1.2	0.3	0.2	25
26	Unemployment insurance	-0.4	0.2	0.1	-0.6	0.3	0.8	0.3	-0.1	26
27	Veterans' benefits	1.6	1.6	1.6	1.8	1.7	1.6	1.5	1.7	27
28	Other	23.2	22.7	3.2	-2.9	3.7	0.8	0.9	-8.2	28
29	Other current transfer receipts, from business (net)	20.8	-12.4	0.9	8.3	-6.4	0.9	0.9	0.9	29
30	Less: Contributions for government social insurance, domestic	12.5	10.9	9.1	2.3	9.6	3.0	5.3	7.6	30
31	Less: Personal current taxes	41.2	18.5	16.3	16.9	24.7	15.0	16.1	16.3	31
32	Equals: Disposable personal income	282.5	85.8	127.7	73.6	86.2	46.9	49.1	34.2	32
33	Less: Personal outlays	28.9	113.1	149.4	55.5	98.8	55.0	103.5	48.3	33
34	Personal consumption expenditures	18.5	104.2	140.5	50.1	94.1	50.2	102.4	47.2	34
35	Goods	-86.9	18.4	62.3	-10.5	32.9	-9.9	55.2	-7.6	35
36	Durable goods	-43.5	15.7	11.7	-11.0	22.4	-7.2	24.3	-4.9	36
37	Nondurable goods	-43.4	2.8	50.6	0.5	10.5	-2.7	30.8	-2.7	37
38	Services	105.4	85.8	78.2	60.6	61.2	60.0	47.3	54.8	38
39	Personal interest payments ⁴	8.5	8.5	8.5	4.4	4.4	4.4	0.7	0.7	39
40	Personal current transfer payments	1.8	0.3	0.3	1.0	0.4	0.4	0.4	0.5	40
41	To government	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	41
42	To the rest of the world (net)	1.5	0.0	0.0	0.6	0.0	0.0	0.0	0.0	42
43	Equals: Personal saving	253.6	-27.4	-21.7	18.1	-12.7	-8.1	-54.5	-14.1	43
44	Addenda:									
44	Personal income excluding current transfer receipts, billions of chained (2017) dollars ⁵	98.5	4.9	36.8	15.0	81.9	16.0	13.9	22.4	44
45	Disposable personal income, billions of chained (2017) dollars ⁵	158.9	16.1	44.5	14.0	71.3	17.3	12.8	11.7	45

^p Preliminary

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

Line		Seasonally adjusted at monthly rates								Line
		2024								
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
Based on current-dollar measures										
1	Personal income	1.4	0.4	0.6	0.4	0.5	0.3	0.3	0.2	1
2	Compensation of employees	1.0	1.0	0.8	0.2	0.6	0.2	0.3	0.5	2
3	Wages and salaries	1.0	1.1	0.8	0.2	0.6	0.2	0.3	0.5	3
4	Supplements to wages and salaries	0.7	0.6	0.6	0.4	0.5	0.4	0.4	0.5	4
5	Proprietors' income with inventory valuation and capital consumption adjustments	0.1	0.1	0.2	1.0	0.4	0.3	0.6	-0.2	5
6	Rental income of persons with capital consumption adjustment	1.4	1.4	1.3	0.1	-0.7	-0.7	0.7	0.7	6
7	Personal income receipts on assets	1.5	-2.2	-0.2	0.6	0.6	0.3	-0.5	-0.5	7
8	Personal interest income	-0.8	-0.8	-0.9	0.8	0.8	0.8	-0.6	-0.6	8
9	Personal dividend income	3.9	-3.5	0.5	0.4	0.4	-0.1	-0.3	-0.4	9
10	Personal current transfer receipts	2.8	0.8	0.7	0.4	0.3	0.4	0.4	0.1	10
11	Less: Contributions for government social insurance, domestic	0.7	0.6	0.5	0.1	0.5	0.2	0.3	0.4	11
12	Less: Personal current taxes	1.4	0.6	0.5	0.6	0.8	0.5	0.5	0.5	12
13	Equals: Disposable personal income	1.3	0.4	0.6	0.3	0.4	0.2	0.2	0.2	13
Addenda:										
14	Personal consumption expenditures	0.1	0.5	0.7	0.3	0.5	0.3	0.5	0.2	14
15	Goods	-1.4	0.3	1.0	-0.2	0.5	-0.2	0.9	-0.1	15
16	Durable goods	-2.0	0.7	0.5	-0.5	1.1	-0.3	1.1	-0.2	16
17	Nondurable goods	-1.1	0.1	1.3	0.0	0.3	-0.1	0.8	-0.1	17
18	Services	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.4	18
Based on chained (2017) dollar measures										
19	Real personal income excluding transfer receipts	0.6	0.0	0.2	0.1	0.5	0.1	0.1	0.1	19
20	Real disposable personal income	0.9	0.1	0.3	0.1	0.4	0.1	0.1	0.1	20

p Preliminary

Source: U.S. Bureau of Economic Analysis

Table 4. Real Personal Consumption Expenditures by Major Type of Product (Months)

Line		2024								Line
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
Billions of chained (2017) dollars, seasonally adjusted at annual rates										
1	Personal consumption expenditures (PCE)	15,812.6	15,848.8	15,909.2	15,908.3	15,985.9	16,007.7	16,066.1	16,089.7	1
2	Goods	5,353.3	5,344.3	5,390.8	5,369.8	5,417.9	5,418.6	5,468.3	5,470.0	2
3	Durable goods	1,984.6	1,996.5	2,006.0	2,000.3	2,036.8	2,029.9	2,059.1	2,059.4	3
4	Nondurable goods	3,375.4	3,356.0	3,392.2	3,377.1	3,390.9	3,397.7	3,419.5	3,420.8	4
5	Services	10,476.9	10,520.3	10,536.7	10,554.8	10,586.5	10,606.9	10,618.8	10,640.0	5
Change from preceding period in billions of chained (2017) dollars, seasonally adjusted at annual rates										
6	Personal consumption expenditures (PCE)	-51.4	36.2	60.3	-0.9	77.6	21.8	58.4	23.6	6
7	Goods	-67.2	-9.0	46.5	-21.0	48.1	0.7	49.7	1.7	7
8	Durable goods	-45.1	11.9	9.5	-5.7	36.6	-7.0	29.2	0.3	8
9	Nondurable goods	-24.3	-19.4	36.2	-15.1	13.8	6.8	21.8	1.4	9
10	Services	11.4	43.4	16.4	18.1	31.6	20.4	11.9	21.3	10
Percent change from preceding period in chained (2017) dollars, seasonally adjusted at monthly rates										
11	Personal consumption expenditures (PCE)	-0.3	0.2	0.4	0.0	0.5	0.1	0.4	0.1	11
12	Goods	-1.2	-0.2	0.9	-0.4	0.9	0.0	0.9	0.0	12
13	Durable goods	-2.2	0.6	0.5	-0.3	1.8	-0.3	1.4	0.0	13
14	Nondurable goods	-0.7	-0.6	1.1	-0.4	0.4	0.2	0.6	0.0	14
15	Services	0.1	0.4	0.2	0.2	0.3	0.2	0.1	0.2	15

p Preliminary

Source: U.S. Bureau of Economic Analysis

Table 5. Price Indexes for Personal Consumption Expenditures: Level and Percent Change from Preceding Period (Months)

Line		2024								Line
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
Chain-type price indexes (2017=100), seasonally adjusted										
1	Personal consumption expenditures (PCE)	122.115	122.494	122.912	123.234	123.224	123.369	123.558	123.670	1
2	Goods	114.245	114.783	114.950	115.201	114.784	114.587	114.554	114.379	2
3	Durable goods	106.459	106.611	106.686	106.439	105.624	105.631	105.313	105.059	3
4	Nondurable goods	118.596	119.363	119.583	120.130	119.951	119.633	119.771	119.644	4
5	Services	125.930	126.225	126.771	127.128	127.326	127.646	127.949	128.208	5
Addenda:										
6	PCE excluding food and energy	121.128	121.418	121.829	122.140	122.239	122.510	122.703	122.863	6
7	Food ¹	126.550	126.711	126.659	126.445	126.527	126.612	126.820	126.901	7
8	Energy goods and services ²	135.416	138.513	140.103	141.783	138.801	135.875	135.900	134.869	8
9	Market-based PCE ³	120.540	120.911	121.283	121.530	121.502	121.587	121.778	121.898	9
10	Market-based PCE excluding food and energy ³	119.151	119.418	119.775	120.001	120.095	120.318	120.514	120.691	10
Percent change from preceding period in price indexes, seasonally adjusted at monthly rates										
11	Personal consumption expenditures (PCE)	0.4	0.3	0.3	0.3	0.0	0.1	0.2	0.1	11
12	Goods	-0.2	0.5	0.1	0.2	-0.4	-0.2	0.0	-0.2	12
13	Durable goods	0.2	0.1	0.1	-0.2	-0.8	0.0	-0.3	-0.2	13
14	Nondurable goods	-0.4	0.6	0.2	0.5	-0.1	-0.3	0.1	-0.1	14
15	Services	0.7	0.2	0.4	0.3	0.2	0.3	0.2	0.2	15
Addenda:										
16	PCE excluding food and energy	0.5	0.2	0.3	0.3	0.1	0.2	0.2	0.1	16
17	Food ¹	0.5	0.1	0.0	-0.2	0.1	0.1	0.2	0.1	17
18	Energy goods and services ²	-1.4	2.3	1.1	1.2	-2.1	-2.1	0.0	-0.8	18
19	Market-based PCE ³	0.3	0.3	0.3	0.2	0.0	0.1	0.2	0.1	19
20	Market-based PCE excluding food and energy ³	0.4	0.2	0.3	0.2	0.1	0.2	0.2	0.1	20

p Preliminary

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

**Table 6. Real Disposable Personal Income and Real Personal Consumption Expenditures:
Percent Change from Month One Year Ago**

Line		2024								Line
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
1	Disposable personal income	3.7	3.3	3.1	3.0	3.1	3.2	3.2	3.1	1
2	Personal consumption expenditures	1.9	2.1	2.7	2.4	2.8	2.9	2.8	2.9	2
3	Goods	0.6	0.6	2.8	1.5	2.5	2.5	2.7	2.7	3
4	Durable goods	-0.5	1.2	3.0	1.5	3.4	3.0	3.6	3.8	4
5	Nondurable goods	1.1	0.3	2.6	1.4	2.0	2.2	2.2	2.2	5
6	Services	2.5	2.8	2.7	2.8	3.0	3.0	2.8	3.0	6

p Preliminary

Table 7. Price Indexes for Personal Consumption Expenditures: Percent Change from Month One Year Ago

Line		2024								Line
		Jan.	Feb.	March	April	May	June	July	Aug. ^p	
1	Personal consumption expenditures (PCE)	2.6	2.6	2.8	2.7	2.6	2.4	2.5	2.2	1
2	Goods	-0.5	-0.3	0.0	0.0	-0.3	-0.4	-0.2	-0.9	2
3	Durable goods	-2.2	-2.1	-1.9	-2.2	-3.0	-2.7	-2.4	-2.2	3
4	Nondurable goods	0.4	0.7	1.1	1.2	1.2	0.9	1.0	-0.2	4
5	Services	4.1	4.0	4.2	4.0	3.9	3.8	3.7	3.7	5
	Addenda:									
6	PCE excluding food and energy	3.1	2.9	3.0	2.9	2.7	2.6	2.6	2.7	6
7	Food ¹	1.5	1.4	1.5	1.3	1.2	1.3	1.2	1.1	7
8	Energy goods and services ²	-4.7	-2.2	1.7	1.9	3.0	0.3	0.4	-5.0	8
9	Market-based PCE ³	2.5	2.4	2.6	2.5	2.3	2.3	2.2	2.0	9
10	Market-based PCE excluding food and energy ³	3.0	2.8	2.7	2.6	2.4	2.5	2.4	2.5	10

p Preliminary

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

Table 8. Changes in Personal Income and Related Measures: Comparisons with Previously Published Estimates (Months)--Continues

Line		2019												Line
		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Seasonally adjusted at annual rates														
Change from preceding period in billions of dollars:														
1	Personal income	66.2	74.3	73.7	40.3	20.0	37.4	18.1	89.9	44.9	69.0	83.2	-35.5	1
2	<i>Previously published</i>	41.5	97.5	78.1	32.7	14.9	33.5	18.1	95.0	50.8	75.1	81.2	-46.9	2
3	Disposable personal income	22.1	54.1	42.4	12.0	9.9	38.3	41.3	93.4	44.3	50.1	67.4	-42.2	3
4	<i>Previously published</i>	-3.0	76.5	45.8	3.0	3.6	34.3	41.5	99.9	53.0	60.3	67.9	-52.6	4
5	Personal consumption expenditures	33.0	32.8	131.2	41.4	63.3	55.4	87.3	62.3	32.4	26.8	93.6	63.8	5
6	<i>Previously published</i>	36.8	27.1	124.6	38.2	62.5	50.4	80.7	53.9	29.9	28.3	94.7	62.7	6
7	Personal saving as a percentage of disposable personal income	8.4	8.5	7.9	7.6	7.3	7.1	6.8	6.9	7.0	7.1	6.9	6.2	7
8	<i>Previously published</i>	8.2	8.5	7.9	7.7	7.3	7.1	6.8	7.0	7.2	7.3	7.1	6.4	8
Percent change from preceding period for current-dollar measures, seasonally adjusted at monthly rates														
9	Personal income	0.4	0.4	0.4	0.2	0.1	0.2	0.1	0.5	0.2	0.4	0.4	-0.2	9
10	<i>Previously published</i>	0.2	0.5	0.4	0.2	0.1	0.2	0.1	0.5	0.3	0.4	0.4	-0.3	10
11	Disposable personal income	0.1	0.3	0.3	0.1	0.1	0.2	0.3	0.6	0.3	0.3	0.4	-0.3	11
12	<i>Previously published</i>	0.0	0.5	0.3	0.0	0.0	0.2	0.3	0.6	0.3	0.4	0.4	-0.3	12
13	Personal consumption expenditures	0.2	0.2	0.9	0.3	0.4	0.4	0.6	0.4	0.2	0.2	0.6	0.4	13
14	<i>Previously published</i>	0.3	0.2	0.9	0.3	0.4	0.4	0.6	0.4	0.2	0.2	0.6	0.4	14
Percent change from preceding period for chained-dollar measures, seasonally adjusted at monthly rates														
15	Real disposable personal income	0.2	0.2	0.0	-0.2	0.0	0.2	0.1	0.5	0.2	0.1	0.3	-0.5	15
16	<i>Previously published</i>	0.0	0.3	0.1	-0.3	0.0	0.2	0.1	0.6	0.2	0.2	0.4	-0.6	16
17	Real personal consumption expenditures	0.3	0.0	0.7	0.0	0.4	0.3	0.5	0.4	0.2	0.0	0.5	0.2	17
18	<i>Previously published</i>	0.2	0.0	0.7	0.0	0.4	0.3	0.4	0.3	0.1	0.0	0.6	0.2	18
2020														
Line		2020												Line
		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Seasonally adjusted at annual rates														
Change from preceding period in billions of dollars:														
1	Personal income	215.4	104.2	-329.2	2,175.8	-872.2	46.4	251.8	-606.6	157.1	-5.1	-150.6	154.2	1
2	<i>Previously published</i>	237.8	104.1	-348.2	2,173.6	-873.8	43.7	270.6	-597.3	150.7	13.6	-148.1	164.9	2
3	Disposable personal income	198.5	81.1	-267.6	2,344.7	-934.3	-15.3	211.9	-647.9	122.5	-57.1	-193.7	118.2	3
4	<i>Previously published</i>	202.4	82.7	-281.4	2,341.7	-934.5	-19.7	223.8	-643.1	115.9	-36.0	-192.2	123.0	4
5	Personal consumption expenditures	69.5	-10.4	-1,023.3	-1,576.1	1,017.3	789.1	263.0	151.1	220.5	50.6	-21.0	122.4	5
6	<i>Previously published</i>	74.3	-5.0	-1,017.7	-1,564.7	1,023.2	775.7	258.0	143.3	226.6	47.5	-26.7	126.0	6
7	Personal saving as a percentage of disposable personal income	7.0	7.5	12.4	32.0	22.8	18.4	17.8	13.9	13.1	12.6	11.8	11.8	7
8	<i>Previously published</i>	7.2	7.7	12.5	32.0	22.7	18.4	17.9	14.0	13.2	12.8	12.1	12.0	8
Percent change from preceding period for current-dollar measures, seasonally adjusted at monthly rates														
9	Personal income	1.2	0.6	-1.7	11.7	-4.2	0.2	1.3	-3.0	0.8	0.0	-0.8	0.8	9
10	<i>Previously published</i>	1.3	0.6	-1.8	11.7	-4.2	0.2	1.4	-3.0	0.8	0.1	-0.7	0.8	10
11	Disposable personal income	1.2	0.5	-1.6	14.3	-5.0	-0.1	1.2	-3.6	0.7	-0.3	-1.1	0.7	11
12	<i>Previously published</i>	1.2	0.5	-1.7	14.3	-5.0	-0.1	1.3	-3.6	0.7	-0.2	-1.1	0.7	12
13	Personal consumption expenditures	0.5	-0.1	-6.9	-11.4	8.3	6.0	1.9	1.1	1.5	0.3	-0.1	0.8	13
14	<i>Previously published</i>	0.5	0.0	-6.9	-11.3	8.4	5.9	1.8	1.0	1.6	0.3	-0.2	0.9	14
Percent change from preceding period for chained-dollar measures, seasonally adjusted at monthly rates														
15	Real disposable personal income	1.1	0.4	-1.3	14.8	-5.1	-0.4	0.9	-3.9	0.6	-0.4	-1.2	0.2	15
16	<i>Previously published</i>	1.1	0.4	-1.4	14.8	-5.1	-0.4	0.9	-3.9	0.5	-0.3	-1.2	0.2	16
17	Real personal consumption expenditures	0.4	-0.2	-6.6	-11.0	8.2	5.6	1.5	0.7	1.4	0.3	-0.3	0.4	17
18	<i>Previously published</i>	0.3	-0.1	-6.6	-11.0	8.3	5.5	1.5	0.7	1.4	0.3	-0.2	0.4	18

Source: U.S. Bureau of Economic Analysis

Table 8. Changes in Personal Income and Related Measures: Comparisons with Previously Published Estimates (Months)--Continues

Line		2021												Line
		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Seasonally adjusted at annual rates														
Change from preceding period in billions of dollars:														
1	Personal income	2,029.2	-1,519.8	4,212.4	-3,166.8	-403.7	40.8	229.8	51.6	-128.5	162.5	108.6	70.8	1
2	<i>Previously published</i>	1,985.7	-1,506.9	4,217.8	-3,167.5	-404.5	34.6	222.2	50.7	-156.1	150.2	96.3	55.1	2
3	Disposable personal income	1,924.9	-1,540.1	4,171.6	-3,223.5	-443.9	9.6	208.4	36.4	-154.4	122.9	73.0	36.7	3
4	<i>Previously published</i>	1,876.0	-1,532.1	4,176.3	-3,221.0	-443.6	2.3	196.8	28.8	-190.2	99.7	61.0	32.3	4
5	Personal consumption expenditures	254.2	-97.1	728.0	202.6	35.6	233.0	39.9	167.1	86.9	216.4	155.0	56.5	5
6	<i>Previously published</i>	245.5	-99.2	709.4	196.5	36.0	218.4	42.4	154.8	93.3	214.9	127.7	57.6	6
7	Personal saving as a percentage of disposable personal income	19.2	12.6	25.9	12.0	9.6	8.4	9.2	8.4	7.2	6.6	6.1	6.0	7
8	<i>Previously published</i>	19.3	12.8	26.1	12.3	9.9	8.7	9.4	8.7	7.2	6.6	6.2	6.1	8
Percent change from preceding period for current-dollar measures, seasonally adjusted at monthly rates														
9	Personal income	10.3	-7.0	20.8	-12.9	-1.9	0.2	1.1	0.2	-0.6	0.8	0.5	0.3	9
10	<i>Previously published</i>	10.0	-6.9	20.8	-12.9	-1.9	0.2	1.1	0.2	-0.7	0.7	0.5	0.3	10
11	Disposable personal income	11.1	-8.0	23.6	-14.7	-2.4	0.1	1.1	0.2	-0.8	0.7	0.4	0.2	11
12	<i>Previously published</i>	10.8	-8.0	23.6	-14.7	-2.4	0.0	1.1	0.2	-1.0	0.5	0.3	0.2	12
13	Personal consumption expenditures	1.7	-0.6	4.9	1.3	0.2	1.5	0.2	1.0	0.5	1.3	0.9	0.3	13
14	<i>Previously published</i>	1.7	-0.7	4.7	1.3	0.2	1.4	0.3	1.0	0.6	1.3	0.8	0.3	14
Percent change from preceding period for chained-dollar measures, seasonally adjusted at monthly rates														
15	Real disposable personal income	10.7	-8.3	22.9	-15.2	-2.9	-0.5	0.7	-0.2	-1.1	0.0	-0.3	-0.4	15
16	<i>Previously published</i>	10.4	-8.3	23.0	-15.2	-2.9	-0.5	0.6	-0.3	-1.4	-0.1	-0.3	-0.5	16
17	Real personal consumption expenditures	1.3	-1.0	4.3	0.7	-0.3	0.9	-0.2	0.6	0.2	0.7	0.2	-0.3	17
18	<i>Previously published</i>	1.2	-1.0	4.2	0.7	-0.3	0.9	-0.2	0.5	0.2	0.7	0.1	-0.3	18
2022														
Line		2022												Line
		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Seasonally adjusted at annual rates														
Change from preceding period in billions of dollars:														
1	Personal income	2.2	148.5	101.8	79.6	93.9	108.1	207.3	140.3	127.9	147.9	58.5	80.4	1
2	<i>Previously published</i>	-58.1	131.4	84.3	70.7	75.8	83.6	169.8	113.7	97.3	120.7	25.5	44.6	2
3	Disposable personal income	-338.7	115.5	73.2	55.8	95.5	136.5	242.2	166.8	129.4	145.6	68.7	102.3	3
4	<i>Previously published</i>	-283.9	121.2	79.6	72.3	83.2	98.9	172.6	122.1	96.3	131.4	49.8	81.6	4
5	Personal consumption expenditures	112.4	118.3	235.3	122.3	76.1	177.8	-3.6	153.5	89.7	109.0	-2.2	40.6	5
6	<i>Previously published</i>	89.4	111.0	203.9	106.9	74.3	165.1	6.4	135.9	111.7	111.1	-22.6	51.1	6
7	Personal saving as a percentage of disposable personal income	3.6	3.6	2.7	2.2	2.3	2.0	3.1	3.1	3.1	3.2	3.4	3.7	7
8	<i>Previously published</i>	4.1	4.1	3.4	3.1	3.1	2.7	3.5	3.2	3.0	3.0	3.3	3.4	8
Percent change from preceding period for current-dollar measures, seasonally adjusted at monthly rates														
9	Personal income	0.0	0.7	0.5	0.4	0.4	0.5	0.9	0.6	0.6	0.7	0.3	0.4	9
10	<i>Previously published</i>	-0.3	0.6	0.4	0.3	0.4	0.4	0.8	0.5	0.4	0.5	0.1	0.2	10
11	Disposable personal income	-1.8	0.6	0.4	0.3	0.5	0.7	1.3	0.9	0.7	0.8	0.4	0.5	11
12	<i>Previously published</i>	-1.5	0.7	0.4	0.4	0.5	0.5	0.9	0.7	0.5	0.7	0.3	0.4	12
13	Personal consumption expenditures	0.7	0.7	1.4	0.7	0.4	1.0	0.0	0.9	0.5	0.6	0.0	0.2	13
14	<i>Previously published</i>	0.5	0.7	1.2	0.6	0.4	0.9	0.0	0.8	0.6	0.6	-0.1	0.3	14
Percent change from preceding period for chained-dollar measures, seasonally adjusted at monthly rates														
15	Real disposable personal income	-2.3	0.0	-0.5	0.0	-0.1	-0.2	1.3	0.6	0.4	0.3	0.1	0.4	15
16	<i>Previously published</i>	-2.1	0.1	-0.4	0.1	-0.1	-0.4	0.9	0.3	0.1	0.2	0.0	0.2	16
17	Real personal consumption expenditures	0.2	0.1	0.5	0.4	-0.2	0.1	0.0	0.6	0.2	0.2	-0.3	0.1	17
18	<i>Previously published</i>	0.0	0.1	0.4	0.3	-0.1	0.0	0.0	0.4	0.3	0.2	-0.3	0.1	18

Source: U.S. Bureau of Economic Analysis

Table 8. Changes in Personal Income and Related Measures: Comparisons with Previously Published Estimates (Months)--Table Ends

Line		2023												Line
		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Seasonally adjusted at annual rates														
Change from preceding period in billions of dollars:														
1	Personal income	136.5	129.1	120.2	89.6	105.8	72.7	55.3	105.3	103.0	72.1	103.7	91.1	1
2	<i>Previously published</i>	213.0	123.1	109.5	48.2	70.5	44.7	65.0	108.2	81.7	13.2	52.1	70.1	2
3	Disposable personal income	469.5	150.2	131.9	89.2	99.2	60.3	41.3	91.8	90.6	68.7	92.1	78.3	3
4	<i>Previously published</i>	508.7	126.9	112.5	101.2	86.7	23.0	33.8	84.1	66.2	11.3	46.0	61.7	4
5	Personal consumption expenditures	340.6	56.9	-20.8	127.4	37.7	65.7	108.4	61.0	113.3	44.6	81.5	138.9	5
6	<i>Previously published</i>	286.0	66.9	-14.0	81.3	43.9	77.6	110.0	56.2	139.9	35.4	76.2	110.7	6
7	Personal saving as a percentage of disposable personal income	4.2	4.6	5.3	5.0	5.2	5.0	4.6	4.7	4.4	4.5	4.6	4.4	7
8	<i>Previously published</i>	4.4	4.7	5.2	5.2	5.3	4.8	4.4	4.5	3.9	3.8	3.7	3.6	8
Percent change from preceding period for current-dollar measures, seasonally adjusted at monthly rates														
9	Personal income	0.6	0.6	0.5	0.4	0.5	0.3	0.2	0.4	0.4	0.3	0.4	0.4	9
10	<i>Previously published</i>	1.0	0.5	0.5	0.2	0.3	0.2	0.3	0.5	0.4	0.1	0.2	0.3	10
11	Disposable personal income	2.4	0.8	0.7	0.4	0.5	0.3	0.2	0.4	0.4	0.3	0.4	0.4	11
12	<i>Previously published</i>	2.6	0.6	0.6	0.5	0.4	0.1	0.2	0.4	0.3	0.1	0.2	0.3	12
13	Personal consumption expenditures	1.9	0.3	-0.1	0.7	0.2	0.4	0.6	0.3	0.6	0.2	0.4	0.7	13
14	<i>Previously published</i>	1.6	0.4	-0.1	0.4	0.2	0.4	0.6	0.3	0.7	0.2	0.4	0.6	14
Percent change from preceding period for chained-dollar measures, seasonally adjusted at monthly rates														
15	Real disposable personal income	1.9	0.4	0.5	0.1	0.3	0.0	0.1	0.1	0.1	0.3	0.4	0.2	15
16	<i>Previously published</i>	2.1	0.3	0.4	0.2	0.3	-0.1	0.0	0.1	-0.1	0.0	0.2	0.2	16
17	Real personal consumption expenditures	1.4	0.0	-0.2	0.3	0.1	0.1	0.4	0.0	0.2	0.2	0.4	0.6	17
18	<i>Previously published</i>	1.0	0.1	-0.2	0.1	0.1	0.3	0.5	-0.1	0.4	0.2	0.4	0.5	18

Line		2024							Line
		Jan.	Feb.	March	April	May	June	July	
Seasonally adjusted at annual rates									
Change from preceding period in billions of dollars:									
1	Personal income	323.7	104.2	144.0	90.5	110.8	61.8	65.1	1
2	<i>Previously published</i>	248.4	66.3	120.3	54.2	91.8	47.8	75.1	2
3	Disposable personal income	282.5	85.8	127.7	73.6	86.2	46.9	49.1	3
4	<i>Previously published</i>	117.8	47.2	103.1	42.1	69.3	30.9	54.8	4
5	Personal consumption expenditures	18.5	104.2	140.5	50.1	94.1	50.2	102.4	5
6	<i>Previously published</i>	14.3	108.0	127.7	45.6	104.4	63.1	103.8	6
7	Personal saving as a percentage of disposable personal income	5.5	5.4	5.2	5.3	5.2	5.2	4.9	7
8	<i>Previously published</i>	4.0	3.7	3.5	3.5	3.3	3.1	2.9	8
Percent change from preceding period for current-dollar measures, seasonally adjusted at monthly rates									
9	Personal income	1.4	0.4	0.6	0.4	0.5	0.3	0.3	9
10	<i>Previously published</i>	1.1	0.3	0.5	0.2	0.4	0.2	0.3	10
11	Disposable personal income	1.3	0.4	0.6	0.3	0.4	0.2	0.2	11
12	<i>Previously published</i>	0.6	0.2	0.5	0.2	0.3	0.1	0.3	12
13	Personal consumption expenditures	0.1	0.5	0.7	0.3	0.5	0.3	0.5	13
14	<i>Previously published</i>	0.1	0.6	0.7	0.2	0.5	0.3	0.5	14
Percent change from preceding period for chained-dollar measures, seasonally adjusted at monthly rates									
15	Real disposable personal income	0.9	0.1	0.3	0.1	0.4	0.1	0.1	15
16	<i>Previously published</i>	0.1	-0.1	0.2	-0.1	0.3	0.1	0.1	16
17	Real personal consumption expenditures	-0.3	0.2	0.4	0.0	0.5	0.1	0.4	17
18	<i>Previously published</i>	-0.3	0.2	0.3	0.0	0.5	0.3	0.4	18

Source: U.S. Bureau of Economic Analysis