



Chronicling 100 Years of the U.S. Economy

November 2021

Volume 101, Number 11



For information about
Acting Director
Mary Bohman and the
Bureau, visit the [BEA
Leadership](#) page.

Director's Message

In this issue of the *Survey of Current Business*, our [Regional Quarterly Report](#) takes a look at state gross domestic product (GDP), state personal income, and personal consumption expenditures by state statistics, all for 2020. These statistics reflect the results of the annual update of the Regional Economic Accounts and the National Income and Product Accounts (NIPAs).

Elsewhere, we discuss newly released and expanded estimates of Bureau of Economic Analysis [small business statistics](#) including wages, employment, and gross output by industry and enterprise size for 2012–2017. These statistics provide an additional layer of detail to better understand the composition of the nation's small businesses. We are also researching other ways to estimate small business statistics including using different size classes, datasets, and business characteristics. We invite our data users to send feedback or suggestions for future research to SmallBusiness@bea.gov.

We also present our [annual guide](#) to the methodologies and source data for the NIPAs, a valuable resource for all users of the statistics. And our monthly "[GDP and the Economy](#)" article discusses the advance estimates for the third quarter of 2021.



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GDP and the Economy

Advance Estimates for the Third Quarter of 2021

Real gross domestic product (GDP) increased at an annual rate of 2.0 percent in the third quarter of 2021, according to the “advance” estimates of the National Income and Product Accounts (NIPAs) (chart 1 and table 1).¹ In the second quarter of 2021, real GDP increased 6.7 percent.

COVID-19 Impact on the Third-Quarter 2021 GDP Estimate

The increase in third-quarter GDP reflected the continued economic impact of the COVID-19 pandemic. A resurgence of COVID-19 cases resulted in new restrictions and delays in the reopening of establishments in some parts of the country. Government assistance payments in the form of forgivable loans to businesses, grants to state and local governments, and social benefits to households all decreased. The full economic effects of the COVID-19 pandemic cannot be quantified in the GDP estimate for the third quarter, because the impacts are generally embedded in source data and cannot be separately identified. For more information, see the [“Technical Note”](#) and [“Federal Recovery Programs and BEA Statistics,”](#) a webpage where the Bureau of Economic Analysis (BEA) consolidates information about the federal stimulus programs in response to the COVID-19 pandemic and how they relate to BEA’s economic data.

Chart 1. Real GDP: Percent Change from Preceding Quarter

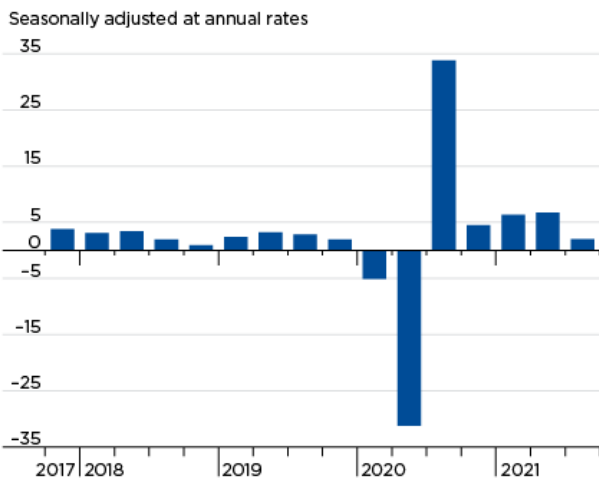
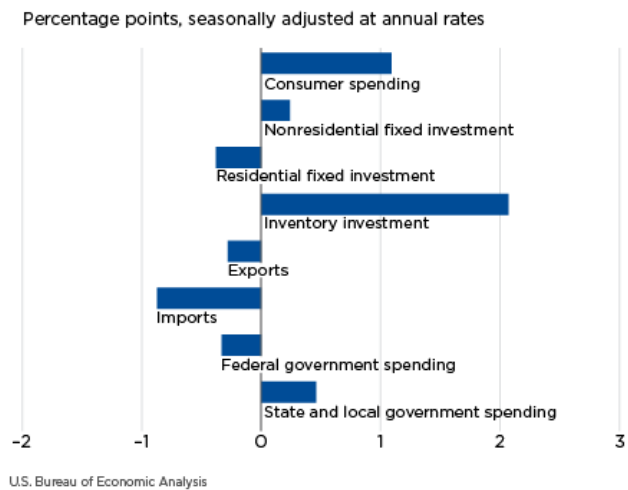


Chart 2. Real GDP: Contributions to the Percent Change in 2021:Q3



GDP by Expenditure

The increase in real GDP in the third quarter reflected increases in private inventory investment, consumer spending, state and local government spending, and nonresidential fixed investment that were partly offset by decreases in residential fixed investment, federal government spending, and exports.² Imports, which are a subtraction in the calculation of GDP, increased (chart 2 and table 1).

- The increase in private inventory investment reflected increases in wholesale trade (led by nondurable goods industries) and in retail trade (led by motor vehicles and parts dealers).
- The increase in consumer spending reflected an increase in services that was partly offset by a decrease in goods.
 - Within services, increases were widespread, with the largest contributions coming from “other” services (mainly international travel), transportation services (notably, air transportation), health care (notably, nonprofit hospitals), and food services and accommodations.
 - Within goods, a decrease in durable goods was partly offset by an increase in nondurable goods. The decrease in durable goods was led by motor vehicles and parts (notably, new light trucks). For nondurable goods, the leading contributor to the increase was gasoline and other motor fuel.
- The increase in state and local government spending was led by employee compensation (notably, education).
- Within nonresidential fixed investment, an increase in intellectual property products was partly offset by decreases in structures and equipment.
 - The increase in intellectual property products reflected increases in software (notably, prepackaged software) and research and development.
 - Within equipment, the leading contributors to the decrease were transportation equipment (notably, new light and heavy trucks) and information processing equipment (notably, communication equipment).
 - The decrease in structures was led by commercial and health care structures.
- The decrease in residential fixed investment primarily reflected decreases in spending on improvements and on construction of new single-family structures.
- The decrease in federal government spending primarily reflected a decrease in nondefense spending on intermediate goods and services after the processing and administration of Paycheck Protection Program (PPP) loan applications by banks on behalf of the federal government ended in the second quarter with the expiration of the PPP loan application period at the end of May.
- The decrease in exports reflected a decrease in goods that was partly offset by an increase in services.
 - The decrease in exports of goods was led by foods, feeds, and beverages and nondurable industrial supplies and materials (notably, petroleum and petroleum products).
 - The increase in exports of services was led by “other” business services.
- The increase in imports primarily reflected an increase in services (led by travel and transport).

The 2.0 percent increase in real GDP in the third quarter followed an increase of 6.7 percent in the second quarter. The deceleration in real GDP in the third quarter was more than accounted for by a slowdown in consumer spending. From the second quarter to the third quarter, spending for goods turned down (led by motor vehicles and parts) and services decelerated (led by food services and accommodations).

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

[Seasonally adjusted at annual rates]

Line	Series	Share of current-dollar GDP (percent)	Change from preceding period (percent)				Contribution to percent change in real GDP (percentage points)			
		2021	2020	2021			2020	2021		
		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	Gross domestic product¹	100.0	4.5	6.3	6.7	2.0	4.5	6.3	6.7	2.0
2	Personal consumption expenditures	68.8	3.4	11.4	12.0	1.6	2.26	7.44	7.92	1.09
3	Goods	23.7	-0.3	27.4	13.0	-9.2	-0.07	5.69	2.99	-2.32
4	Durable goods	8.6	1.1	50.0	11.6	-26.2	0.10	3.50	1.01	-2.70
5	Nondurable goods	15.1	-1.1	15.9	13.9	2.6	-0.17	2.19	1.98	0.39
6	Services	45.1	5.3	3.9	11.5	7.9	2.34	1.75	4.93	3.40
7	Gross private domestic investment	17.6	24.7	-2.3	-3.9	11.7	4.01	-0.37	-0.65	1.94
8	Fixed investment	17.9	17.7	13.0	3.3	-0.8	2.92	2.25	0.61	-0.14
9	Nonresidential	13.3	12.5	12.9	9.2	1.8	1.57	1.65	1.21	0.24
10	Structures	2.5	-8.2	5.4	-3.0	-7.3	-0.22	0.14	-0.08	-0.19
11	Equipment	5.5	26.4	14.1	12.1	-3.2	1.29	0.75	0.66	-0.18
12	Intellectual property products	5.3	10.2	15.6	12.5	12.2	0.50	0.76	0.62	0.61
13	Residential	4.7	34.4	13.3	-11.7	-7.7	1.34	0.60	-0.60	-0.38
14	Change in private inventories	-0.3	.....	.....	.....	.....	1.10	-2.62	-1.26	2.07
15	Net exports of goods and services	-4.1	.....	.....	.....	.....	-1.65	-1.56	-0.18	-1.14
16	Exports	10.8	22.5	-2.9	7.6	-2.5	2.07	-0.30	0.80	-0.28
17	Goods	7.6	25.6	-1.4	6.4	-5.1	1.59	-0.10	0.48	-0.40
18	Services	3.2	16.0	-6.0	10.4	3.8	0.49	-0.20	0.32	0.12
19	Imports	14.9	31.3	9.3	7.1	6.1	-3.73	-1.26	-0.99	-0.87
20	Goods	12.3	30.1	10.6	4.3	-0.1	-3.04	-1.21	-0.51	0.02
21	Services	2.5	37.5	2.2	23.6	44.4	-0.69	-0.05	-0.48	-0.89
22	Government consumption expenditures and gross investment	17.6	-0.5	4.2	-2.0	0.8	-0.09	0.77	-0.36	0.14
23	Federal	6.7	-3.1	11.3	-5.3	-4.7	-0.22	0.78	-0.38	-0.33
24	National defense	3.9	5.3	-5.8	-1.1	-1.4	0.22	-0.25	-0.04	-0.06
25	Nondefense	2.8	-14.1	40.8	-10.7	-9.2	-0.44	1.02	-0.34	-0.27
26	State and local	10.9	1.2	-0.1	0.2	4.4	0.14	-0.01	0.02	0.46
Addenda:										
27	Gross domestic income (GDI) ²	.....	19.6	6.3	2.3	.....	.....	.....	.....	.....
28	Average of GDP and GDI	.....	11.9	6.3	4.5	.....	.....	.....	.....	.....
29	Final sales of domestic product	100.3	3.4	9.1	8.1	-0.1	3.44	8.90	7.99	-0.06
30	Goods	31.4	4.6	10.8	9.8	-0.3	1.46	3.31	3.05	-0.09
31	Services	59.9	3.1	4.2	7.9	4.7	1.86	2.52	4.62	2.77
32	Structures	8.7	14.7	5.0	-10.0	-7.3	1.22	0.45	-0.94	-0.66
33	Motor vehicle output	2.4	-12.8	1.1	-14.1	-41.6	-0.40	0.03	-0.42	-1.39
34	GDP excluding motor vehicle output	97.6	5.1	6.4	7.4	3.5	4.94	6.25	7.15	3.41

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

2. GDI is deflated by the implicit price deflator for GDP. Not estimated with the advance estimates or with Q4 second estimates.

Note. Percent changes are from National Income and Product Account (NIPA) tables 1.1.1 and 1.2.1, contributions are from NIPA tables 1.1.2 and 1.2.2, and shares are from NIPA table 1.1.10 or are calculated from NIPA table 1.2.5.

Prices

BEA's featured measure of inflation in the U.S. economy, the price index for gross domestic purchases (goods and services purchased by U.S. residents), increased 5.4 percent in the third quarter after increasing 5.8 percent in the second quarter (table 2 and chart 3). Except for private nonfarm inventory investment, price increases were widespread across the components of gross domestic purchases and were led by increases for consumer goods and services.

Within goods, prices for both durable and nondurable goods increased. The leading contributors were price increases for motor vehicles and parts (for both new and used motor vehicles) and for food and beverages purchased for off-premises consumption (groceries).

Within services, the leading contributors were price increases for housing and utilities and for foods services and accommodations (meals as well as hotels and motels).

Food prices increased 7.8 percent in the third quarter after increasing 1.6 percent in the second quarter. Prices for energy goods and services increased 19.3 percent after increasing 21.2 percent. Gross domestic purchases prices excluding food and energy increased 4.8 percent after increasing 5.6 percent.

Consumer prices excluding food and energy, a measure of the “core” rate of inflation, increased 4.5 percent in the third quarter after increasing 6.1 percent in the second quarter.

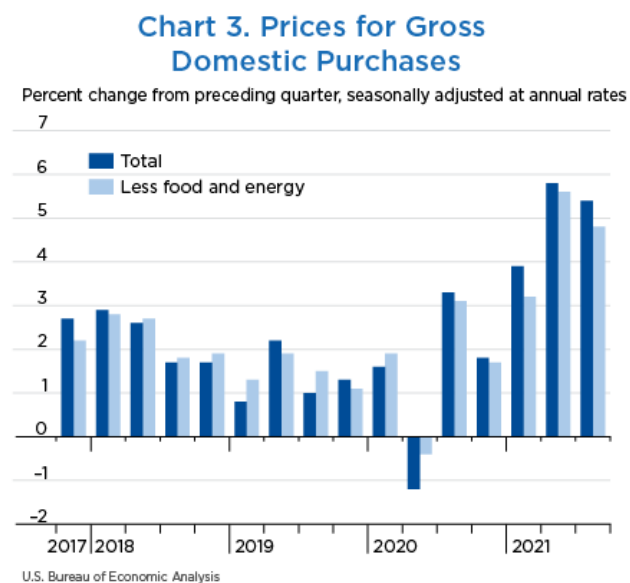


Table 2. Prices for Gross Domestic Purchases

[Percent change at annual rates; based on seasonally adjusted index numbers (2012=100)]

Line	Series	Change from preceding period (percent)				Contribution to percent change in gross domestic purchases prices (percentage points)			
		2020	2021			2020	2021		
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	Gross domestic purchases¹	1.8	3.9	5.8	5.4	1.8	3.9	5.8	5.4
2	Personal consumption expenditures	1.5	3.8	6.5	5.3	1.00	2.51	4.23	3.48
3	Goods	0.3	5.9	9.3	7.3	0.08	1.29	2.11	1.67
4	Durable goods	0.2	2.3	16.8	9.6	0.02	0.19	1.38	0.81
5	Nondurable goods	0.4	8.0	5.0	5.9	0.06	1.10	0.73	0.86
6	Services	2.1	2.8	5.0	4.2	0.92	1.21	2.12	1.81
7	Gross private domestic investment	1.9	2.8	2.9	5.6	0.32	0.50	0.52	0.95
8	Fixed investment	1.9	3.7	4.5	6.6	0.33	0.64	0.80	1.14
9	Nonresidential	0.4	0.8	0.9	4.2	0.06	0.10	0.13	0.54
10	Structures	0.5	3.9	8.9	10.4	0.01	0.10	0.21	0.24
11	Equipment	-2.2	2.2	-3.2	4.8	-0.11	0.12	-0.16	0.26
12	Intellectual property products	3.2	-2.3	1.5	0.7	0.16	-0.12	0.08	0.04
13	Residential	6.5	12.4	15.3	14.0	0.27	0.54	0.67	0.60
14	Change in private inventories	.....	.....	.....	.....	-0.01	-0.14	-0.28	-0.19
15	Government consumption expenditures and gross investment	3.0	5.4	6.1	5.4	0.52	0.93	1.04	0.92
16	Federal	2.5	4.0	4.1	4.6	0.17	0.27	0.28	0.30
17	National defense	2.5	4.4	4.3	4.5	0.10	0.18	0.17	0.17
18	Nondefense	2.5	3.3	3.9	4.8	0.07	0.09	0.11	0.13
19	State and local	3.3	6.3	7.3	5.9	0.35	0.66	0.76	0.61
Addenda:									
Gross domestic purchases:									
20	Food	0.4	-0.1	1.6	7.8	0.02	0.00	0.09	0.39
21	Energy goods and services	12.4	47.8	21.2	19.3	0.26	0.91	0.49	0.48
22	Excluding food and energy	1.7	3.2	5.6	4.8	1.56	3.02	5.20	4.48
Personal consumption expenditures:									
23	Food and beverages purchased for off-premises consumption	0.0	0.7	4.1	7.7	.....	.....	.....	.....
24	Energy goods and services	13.3	47.7	20.4	18.9	.....	.....	.....	.....
25	Excluding food and energy	1.2	2.7	6.1	4.5	.....	.....	.....	.....
26	Gross domestic product	2.2	4.3	6.1	5.7	.....	.....	.....	.....
27	Exports of goods and services	6.2	21.0	19.4	9.5	.....	.....	.....	.....
28	Imports of goods and services	2.2	13.3	13.4	5.9	.....	.....	.....	.....

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

Note. Most percent changes are from NIPA table 1.6.7; percent changes for personal consumption expenditures (PCE) for food and energy goods and services and for PCE excluding food and energy are from NIPA table 2.3.7. Contributions are from NIPA table 1.6.8. GDP, export, and import prices are from NIPA table 1.1.7.

Note on Prices

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

The GDP price index measures the prices of goods and services produced in the United States, including the prices of goods and services produced for export. The difference between the gross domestic purchases price index and the GDP price index reflects the differences between imports prices (included in the gross domestic purchases index) and exports prices (included in the GDP price index). For other measures that are affected by import and export prices, see the FAQ [“How do the effects of dollar depreciation show up in the GDP accounts?”](#) on BEA's website.

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

Because prices for food and for energy can be volatile, the price measure that excludes food and energy is often used as a measure of underlying, or “core,” inflation. The core PCE price index includes purchased meals and beverages, such as restaurant meals and pet food. (See [“What is the core PCE price index?”](#) on BEA's website.)

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

Personal Income

Measured in current dollars, personal income increased \$47.8 billion in the third quarter, in contrast to a decrease of \$1.29 trillion in the second quarter (table 3). The increase primarily reflected an increase in compensation that was partly offset by a decrease in government social benefits.

- Within compensation, the leading contributor to the increase was private wages and salaries, mainly in services-producing industries. Government wages and salaries also increased.
- Within government social benefits, unemployment insurance and “other” social benefits decreased, reflecting decreased payments from several federal COVID-19 relief programs that were initially established through the Coronavirus Response and Relief Supplemental Appropriations Act and the American Rescue Plan Act.
- Also within government social benefits, the decrease was partly offset by the advance Child Tax Credit payments that began in the third quarter. For details, see [“How does the Child Tax Credit provision of the American Rescue Plan Act of 2021 impact the NIPAs?”](#)

Personal current taxes increased \$77.3 billion in the third quarter after increasing \$102.7 billion in the second quarter.

Disposable personal income (DPI) decreased \$29.4 billion in the third quarter after decreasing \$1.39 trillion in the second quarter. Personal outlays increased \$268.1 billion after increasing \$689.4 billion in the second quarter.

The personal saving rate (chart 4)—personal saving as a percentage of DPI—was 8.9 percent in the third quarter; in the second quarter, the personal saving rate was 10.5 percent.

Real DPI (chart 5) decreased 5.6 percent in the third quarter after decreasing 30.2 percent in the second quarter. Current-dollar DPI decreased 0.7 percent after decreasing 25.7 percent.

Table 3. Personal Income and Its Disposition

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

Line	Series	Level		Change from preceding period			
		2021		2020	2021		
		Q2	Q3	Q4	Q1	Q2	Q3
1	Personal income	20,575.1	20,622.9	-235.4	2,325.3	-1,292.2	47.8
2	Compensation of employees	12,308.3	12,575.7	424.5	124.7	219.4	267.4
3	Wages and salaries	10,079.1	10,319.0	372.7	96.2	199.9	239.9
4	Private industries	8,560.0	8,769.5	375.1	89.9	183.5	209.5
5	Goods-producing industries	1,604.1	1,635.5	57.7	19.2	18.2	31.4
6	Manufacturing	955.5	976.0	40.5	13.0	6.2	20.5
7	Services-producing industries	6,955.9	7,134.0	317.4	70.7	165.3	178.1
8	Trade, transportation, and utilities	1,559.0	1,590.1	59.0	17.7	33.7	31.1
9	Other services-producing industries	5,396.9	5,544.0	258.4	53.0	131.6	147.1
10	Government	1,519.1	1,549.5	-2.4	6.3	16.4	30.4
11	Supplements to wages and salaries	2,229.2	2,256.7	51.8	28.6	19.4	27.6
12	Proprietors' income with IVA and CCAAdj	1,848.2	1,850.6	-30.7	-16.1	134.2	2.4
13	Farm	119.4	110.1	39.3	-35.5	46.4	-9.3
14	Nonfarm	1,728.7	1,740.5	-70.0	19.4	87.8	11.8
15	Rental income of persons with CCAAdj	716.3	729.3	-4.5	6.9	-0.7	13.0
16	Personal income receipts on assets	2,932.1	2,949.6	57.9	-10.7	33.3	17.5
17	Personal interest income	1,639.4	1,641.3	12.8	19.8	9.2	1.9
18	Personal dividend income	1,292.8	1,308.4	45.1	-30.6	24.1	15.6
19	Personal current transfer receipts	4,329.0	4,106.7	-639.9	2,253.1	-1,653.5	-222.3
20	Government social benefits to persons	4,257.8	4,038.8	-640.2	2,250.3	-1,662.8	-219.0
21	Social security	1,109.7	1,117.6	8.6	17.5	3.3	7.9
22	Medicare	815.3	826.5	-4.8	-6.8	1.1	11.2
23	Medicaid	730.5	740.0	-12.0	17.6	34.6	9.5
24	Unemployment insurance	480.4	272.6	-467.9	265.9	-85.3	-207.9
25	Veterans' benefits	156.5	162.3	2.2	2.9	4.1	5.8
26	Other	965.4	919.8	-166.2	1,953.3	-1,620.6	-45.6
27	Other current transfer receipts, from business (net)	71.2	67.9	0.3	2.8	9.3	-3.3
28	Less: Contributions for government social insurance	1,558.7	1,589.0	42.7	32.5	24.9	30.3
29	Less: Personal current taxes	2,514.8	2,592.1	78.0	152.3	102.7	77.3
30	Equals: Disposable personal income (DPI)	18,060.3	18,030.9	-313.5	2,173.0	-1,394.9	-29.4
31	Less: Personal outlays	16,165.0	16,433.2	162.4	538.8	689.4	268.1
32	Personal consumption expenditures	15,681.7	15,946.2	173.8	537.8	676.3	264.5
33	Personal interest payments ¹	267.4	267.1	-18.5	-0.6	12.1	-0.3
34	Personal current transfer payments	215.9	219.8	7.1	1.6	1.1	3.8
35	Equals: Personal saving	1,895.3	1,597.7	-475.9	1,634.2	-2,084.4	-297.6
36	Personal saving as a percentage of DPI	10.5	8.9	.....	.....	.....	.....
	Addenda:						
	Percent change at annual rate						
37	Current-dollar DPI	.....	.....	-6.9	60.6	-25.7	-0.7
38	Real DPI, chained (2012) dollars	.....	.....	-8.3	54.7	-30.2	-5.6
	The effects of selected federal pandemic response programs on personal income (billions of dollars)						
	In farm proprietors' income with IVA and CCAAdj:						
39	Coronavirus Food Assistance Program ²	14.3	8.7	27.8	-45.3	13.4	-5.5
40	Paycheck Protecton Program loans to businesses ³	11.3	7.0	-6.1	2.3	6.4	-4.3
	In nonfarm proprietors' income with IVA and CCAAdj:						
41	Paycheck Protecton Program loans to businesses ³	177.6	110.2	-196.7	-7.8	100.9	-67.5
	In government social benefits to persons, Medicare:						
42	Increase in Medicare reimbursement rates ⁴	14.1	15.0	-0.1	-0.2	0.0	0.9
	In government social benefits to persons, Unemployment insurance: ⁵						
43	Extended Unemployment Benefits	5.8	5.8	9.3	12.0	-19.2	-0.1
44	Pandemic Emergency Unemployment Compensation	104.5	61.6	55.4	15.7	6.8	-43.0

Line	Series	Level		Change from preceding period			
		2021		2020	2021		
		Q2	Q3	Q4	Q1	Q2	Q3
45	Pandemic Unemployment Assistance	82.1	50.1	-31.4	-11.6	-13.2	-32.0
46	Pandemic Unemployment Compensation Payments	237.2	113.2	-399.1	272.2	-49.7	-124.0
47	Veterans' Benefits	156.5	162.3	2.2	2.9	4.1	5.8
	In government social benefits to persons, other:						
48	Child tax credit ⁶	34.4	218.9	0.0	4.2	0.0	184.5
49	Economic impact payments ⁷	290.1	38.9	-10.5	1,928.6	-1,643.6	-251.2
50	Lost wages supplemental payments ⁸	0.6	0.1	-70.4	-34.2	-1.0	-0.5
51	Paycheck Protection Program loans to NPISH ³	24.7	14.0	-56.8	-13.6	13.9	-10.7
52	Provider Relief Fund to NPISH ⁹	26.6	37.4	-24.0	8.3	-16.2	10.8
	In personal outlays, personal interest payments:						
53	Student loan forbearance ¹⁰	-37.8	-37.8	0.0	0.0	0.0	0.0

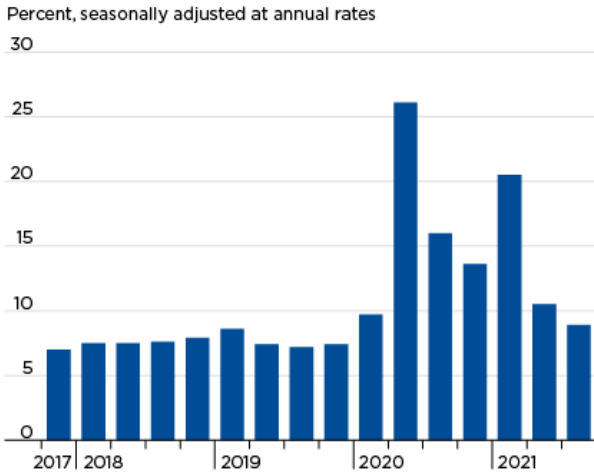
CCAdj Capital consumption adjustment

IVA Inventory valuation adjustment

1. 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.
2. The Coronavirus Food Assistance Program, initially established by the Coronavirus Aid, Relief and Economic Security Act (CARES), provides direct support to farmers and ranchers where prices and market supply chains have been impacted by the COVID-19 pandemic.
3. The Paycheck Protection Program, initially established by the CARES Act, provides forgivable loans to help small businesses and nonprofit institutions make payroll and cover other expenses. It also provides funding to reimburse private lending institutions for the costs of administering these loans. For more information, see ["How does the Paycheck Protection Program impact the national income and product accounts \(NIPAs\)?"](#).
4. A 2 percent reduction in reimbursements paid to Medicare service providers that went into effect in 2013 was initially suspended by the CARES Act. The resulting increased reimbursement rates went into effect beginning on May 1, 2020.
5. Unemployment insurance benefits were expanded through several programs that were initially established through the CARES Act. For more information, see ["How will the expansion of unemployment benefits in response to the COVID-19 pandemic be recorded in the NIPAs?"](#).
6. The American Rescue Plan increased the Child Tax Credit to \$3,000 per child over the age of six and \$3,600 for children under the age of six, and raised the age limit from 16 to 17. It also authorized that up to half of these credits could be distributed through advance payments during the tax year, while the rest would be claimed when parents file tax returns the following year.
7. Economic impact payments, initially established by the CARES Act, provide direct payments to individuals. For more information, see ["How are the economic impact payments to support individuals during the COVID-19 pandemic recorded in the NIPAs?"](#)
8. The Federal Emergency Management Agency (FEMA) was authorized to make payments from the Disaster Relief Fund to supplement wages lost as a result of the COVID-19 pandemic.
9. The Department of Health and Human Services distributes money from the Provider Relief Fund to hospitals and health care providers on the front lines of the coronavirus response. This funding supports health care-related expenses or lost revenue attributable to COVID-19 and ensures uninsured Americans can get treatment for COVID-19. In the NIPAs, funds provided to nonprofit hospitals are recorded as social benefits.
10. Interest payments due on certain categories of federally-held student loans were initially suspended by the CARES Act. For more information, see ["How does the federal response to the COVID-19 affect BEA's estimate of personal interest payments?"](#).

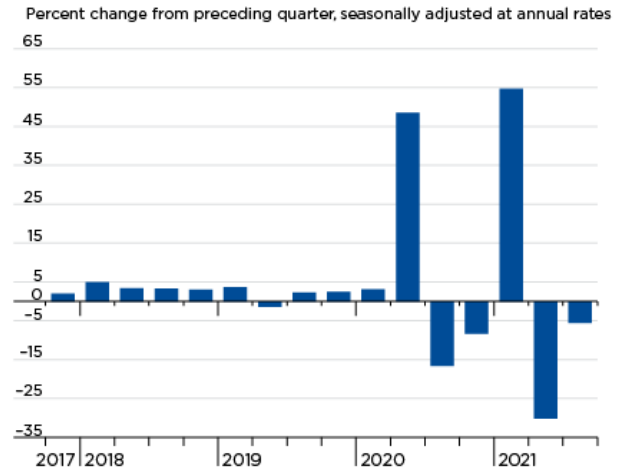
Note. Dollar levels and percent changes are from NIPA tables 2.1 and 2.2B.

Chart 4. Personal Saving Rate



Note. The personal saving rate is personal saving as a percentage of disposable personal income.
U.S. Bureau of Economic Analysis

Chart 5. Real Disposable Personal Income



U.S. Bureau of Economic Analysis

Information on Key Source Data, Assumptions, and Methodologies

A comprehensive table that presents the “[Key Source Data and Assumptions](#)” that are used to prepare each vintage of the estimate of GDP for the current quarter is available on BEA’s website. For the advance estimates that are released near the end of the month after the close of the quarter, the table shows the months of source data for the quarter that are available; for most components of GDP, 3 months of data are available. For the components for which only 2 months of source data are available, BEA’s assumptions for the third month are shown. Second estimates are released near the end of the second month after the close of the quarter, and third estimates are released near the end of the third month after the close of the quarter. With each vintage, the table is updated to add newly available and revised source data that have been incorporated into the estimates.

For additional details about the source data and the methodologies that are used to prepare the estimates, see “[Concepts and Methods of the U.S. National Income and Product Accounts](#)” on BEA’s website.

1. “Real” estimates are in chained (2012) dollars, and price indexes are chain-type measures. Each GDP estimate for a quarter (advance, second, and third) incorporates increasingly comprehensive and improved source data; for more information, see “[The Revisions to GDP, GDI, and Their Major Components](#)” in the January 2021 *Survey of Current Business*. Quarterly estimates are expressed at seasonally adjusted annual rates, which reflect a rate of activity for a quarter as if it were maintained for a year.
2. In this article, “consumer spending” refers to “personal consumption expenditures,” “inventory investment” refers to “change in private inventories,” and “government spending” refers to “government consumption expenditures and gross investment.”

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Personal consumption expenditures	2.2	-3.8	41.4	3.4	11.4	12.0	1.6
3	Goods	3.4	4.6	49.5	-0.3	27.4	13.0	-9.2
4	Durable goods	4.3	7.7	89.0	1.1	50.0	11.6	-26.2
5	Nondurable goods	2.9	3.1	31.8	-1.1	15.9	13.9	2.6
6	Services	1.7	-7.5	37.5	5.3	3.9	11.5	7.9
7	Gross private domestic investment	3.4	-5.5	82.1	24.7	-2.3	-3.9	11.7
8	Fixed investment	3.2	-2.7	27.5	17.7	13.0	3.3	-0.8
9	Nonresidential	4.3	-5.3	18.7	12.5	12.9	9.2	1.8
10	Structures	2.0	-12.5	-15.3	-8.2	5.4	-3.0	-7.3
11	Equipment	3.3	-8.3	55.9	26.4	14.1	12.1	-3.2
12	Intellectual property products	7.2	2.8	8.1	10.2	15.6	12.5	12.2
13	Residential	-0.9	6.8	59.9	34.4	13.3	-11.7	-7.7
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	-0.1	-13.6	54.5	22.5	-2.9	7.6	-2.5
17	Goods	-0.1	-10.2	99.0	25.6	-1.4	6.4	-5.1
18	Services	-0.1	-19.8	-4.9	16.0	-6.0	10.4	3.8
19	Imports	1.2	-8.9	89.2	31.3	9.3	7.1	6.1
20	Goods	0.5	-5.6	103.7	30.1	10.6	4.3	-0.1
21	Services	3.9	-22.6	29.7	37.5	2.2	23.6	44.4
22	Government consumption expenditures and gross investment	2.2	2.5	-2.1	-0.5	4.2	-2.0	0.8
23	Federal	3.8	5.0	-5.4	-3.1	11.3	-5.3	-4.7
24	National defense	5.2	2.9	1.7	5.3	-5.8	-1.1	-1.4
25	Nondefense	1.6	8.1	-14.3	-14.1	40.8	-10.7	-9.2
26	State and local	1.3	0.9	0.1	1.2	-0.1	0.2	4.4
	Addendum:							
27	Gross domestic product, current dollars	4.1	-2.2	38.7	6.6	10.9	13.4	7.8

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.48	-2.55	25.51	2.26	7.44	7.92	1.09
3	Goods	0.71	0.96	9.92	-0.07	5.69	2.99	-2.32
4	Durable goods	0.30	0.54	5.49	0.10	3.50	1.01	-2.70
5	Nondurable goods	0.40	0.42	4.43	-0.17	2.19	1.98	0.39
6	Services	0.78	-3.52	15.59	2.34	1.75	4.93	3.40
7	Gross private domestic investment	0.60	-0.99	11.71	4.01	-0.37	-0.65	1.94
8	Fixed investment	0.55	-0.47	4.88	2.92	2.25	0.61	-0.14
9	Nonresidential	0.59	-0.73	2.72	1.57	1.65	1.21	0.24
10	Structures	0.06	-0.39	-0.46	-0.22	0.14	-0.08	-0.19
11	Equipment	0.19	-0.48	2.73	1.29	0.75	0.66	-0.18
12	Intellectual property products	0.33	0.14	0.45	0.50	0.76	0.62	0.61
13	Residential	-0.04	0.26	2.16	1.34	0.60	-0.60	-0.38
14	Change in private inventories	0.05	-0.52	6.84	1.10	-2.62	-1.26	2.07
15	Net exports of goods and services	-0.18	-0.29	-3.25	-1.65	-1.56	-0.18	-1.14
16	Exports	-0.01	-1.57	4.64	2.07	-0.30	0.80	-0.28
17	Goods	0.00	-0.76	4.75	1.59	-0.10	0.48	-0.40
18	Services	0.00	-0.81	-0.11	0.49	-0.20	0.32	0.12
19	Imports	-0.17	1.28	-7.89	-3.73	-1.26	-0.99	-0.87
20	Goods	-0.07	0.65	-7.37	-3.04	-1.21	-0.51	0.02
21	Services	-0.11	0.63	-0.52	-0.69	-0.05	-0.48	-0.89
22	Government consumption expenditures and gross investment	0.38	0.43	-0.19	-0.09	0.77	-0.36	0.14
23	Federal	0.25	0.33	-0.32	-0.22	0.78	-0.38	-0.33
24	National defense	0.20	0.11	0.11	0.22	-0.25	-0.04	-0.06
25	Nondefense	0.04	0.21	-0.43	-0.44	1.02	-0.34	-0.27
26	State and local	0.14	0.10	0.13	0.14	-0.01	0.02	0.46

Table 1.1.3. Real Gross Domestic Product, Quantity Indexes

[Index numbers, 2012= 100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Personal consumption expenditures	118.818	114.325	116.053	117.023	120.234	123.700	124.186
3	Goods	129.834	135.867	141.817	141.709	150.551	155.227	151.535
4	Durable goods	152.916	164.678	177.466	177.974	196.948	202.430	187.639
5	Nondurable goods	119.834	123.539	126.724	126.370	131.113	135.440	136.301
6	Services	113.956	105.383	105.473	106.847	107.879	110.859	112.975
7	Gross private domestic investment	133.904	126.489	128.577	135.859	135.074	133.728	137.477
8	Fixed investment	134.140	130.538	130.111	135.526	139.738	140.870	140.600
9	Nonresidential	133.204	126.081	124.941	128.682	132.657	135.616	136.220
10	Structures	117.839	103.075	97.200	95.139	96.393	95.657	93.873
11	Equipment	128.006	117.349	118.633	125.797	130.009	133.788	132.705
12	Intellectual property products	152.960	157.291	156.740	160.600	166.532	171.514	176.528
13	Residential	140.445	150.001	152.256	163.935	169.119	163.936	160.699
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	115.163	99.543	97.680	102.765	102.013	103.899	103.237
17	Goods	116.929	105.048	105.174	111.343	110.938	112.674	111.207
18	Services	111.846	89.698	84.489	87.692	86.338	88.505	89.334
19	Imports	124.913	113.756	115.101	123.202	125.968	128.143	130.039
20	Goods	127.095	119.927	123.113	131.490	134.859	136.290	136.244
21	Services	114.983	89.021	83.545	90.466	90.958	95.906	105.124
22	Government consumption expenditures and gross investment	104.561	107.133	107.134	107.000	108.113	107.566	107.770
23	Federal	99.241	104.169	104.861	104.026	106.855	105.415	104.149
24	National defense	95.621	98.373	98.459	99.733	98.248	97.986	97.644
25	Nondefense	105.470	113.997	115.691	111.385	121.328	117.941	115.144
26	State and local	108.220	109.217	108.758	109.092	109.062	109.105	110.278

Table 1.1.4. Price Indexes for Gross Domestic Product

[Index numbers, 2012= 100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
2	Personal consumption expenditures	109.922	111.225	111.507	111.928	112.989	114.772	116.252
3	Goods	94.832	94.160	94.361	94.437	95.790	97.948	99.688
4	Durable goods	86.488	85.784	86.404	86.452	86.946	90.394	92.497
5	Nondurable goods	99.249	98.602	98.553	98.646	100.556	101.799	103.278
6	Services	117.836	120.302	120.624	121.267	122.109	123.593	124.865
7	Gross private domestic investment	108.906	110.212	110.490	111.000	111.777	112.574	114.130
8	Fixed investment	109.684	111.052	111.316	111.850	112.864	114.105	115.955
9	Nonresidential	104.137	104.813	104.895	105.005	105.203	105.429	106.511
10	Structures	119.058	120.852	120.919	121.071	122.237	124.882	128.020
11	Equipment	97.816	97.388	97.309	96.780	97.318	96.536	97.670
12	Intellectual property products	103.172	104.574	104.853	105.688	105.069	105.464	105.642
13	Residential	134.145	138.541	139.594	141.817	146.010	151.291	156.323
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	98.660	96.188	96.164	97.622	102.383	107.030	109.495
17	Goods	91.792	88.162	88.061	89.550	95.001	100.477	103.209
18	Services	114.082	114.517	114.692	116.022	118.607	120.689	122.298
19	Imports	90.078	88.075	88.098	88.585	91.385	94.312	95.674
20	Goods	86.389	83.963	83.984	84.351	87.335	90.290	91.572
21	Services	109.262	109.820	109.803	111.111	112.380	114.876	116.675
22	Government consumption expenditures and gross investment	113.246	114.861	114.921	115.768	117.292	119.031	120.613
23	Federal	110.781	112.018	112.269	112.959	114.065	115.228	116.539
24	National defense	108.865	110.039	110.264	110.939	112.152	113.335	114.595
25	Nondefense	113.775	115.108	115.403	116.118	117.070	118.207	119.593
26	State and local	114.863	116.725	116.659	117.611	119.416	121.544	123.305

Table 1.1.5. Gross Domestic Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Personal consumption expenditures	14,428.7	14,047.6	14,293.8	14,467.6	15,005.4	15,681.7	15,946.2
3	Goods	4,478.9	4,653.8	4,867.2	4,867.3	5,245.0	5,529.8	5,494.2
4	Durable goods	1,513.3	1,616.4	1,753.3	1,759.2	1,957.8	2,092.2	1,984.4
5	Nondurable goods	2,965.6	3,037.4	3,113.9	3,108.1	3,287.2	3,437.6	3,509.8
6	Services	9,949.8	9,393.7	9,426.6	9,600.4	9,760.4	10,151.9	10,452.1
7	Gross private domestic investment	3,826.3	3,637.8	3,708.8	3,923.2	3,928.0	3,925.1	4,089.8
8	Fixed investment	3,752.6	3,697.4	3,693.8	3,865.9	4,022.2	4,099.4	4,157.8
9	Nonresidential	2,938.7	2,799.6	2,776.6	2,862.7	2,956.7	3,029.2	3,073.9
10	Structures	672.6	597.2	563.5	552.3	565.0	572.8	576.2
11	Equipment	1,231.3	1,123.9	1,135.5	1,197.5	1,244.5	1,270.4	1,274.9
12	Intellectual property products	1,034.8	1,078.5	1,077.6	1,112.9	1,147.2	1,186.0	1,222.7
13	Residential	813.9	897.8	917.2	1,003.2	1,065.5	1,070.2	1,084.0
14	Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
15	Net exports of goods and services	-596.3	-651.2	-725.7	-798.4	-872.5	-881.7	-939.5
16	Exports	2,519.7	2,123.4	2,079.6	2,220.7	2,311.9	2,461.5	2,502.2
17	Goods	1,641.7	1,416.6	1,413.0	1,520.8	1,607.5	1,726.8	1,750.6
18	Services	878.0	706.8	666.6	699.9	704.4	734.8	751.5
19	Imports	3,116.0	2,774.6	2,805.3	3,019.1	3,184.5	3,343.2	3,441.7
20	Goods	2,517.9	2,309.2	2,368.8	2,540.8	2,698.1	2,819.0	2,858.0
21	Services	598.1	465.4	436.5	478.3	486.4	524.2	583.6
22	Government consumption expenditures and gross investment	3,713.9	3,859.5	3,861.7	3,885.3	3,977.3	4,015.9	4,077.0
23	Federal	1,414.9	1,501.8	1,515.1	1,512.3	1,568.6	1,563.3	1,562.1
24	National defense	847.5	881.3	883.9	900.8	897.1	904.1	911.0
25	Nondefense	567.4	620.5	631.3	611.5	671.6	659.2	651.1
26	State and local	2,299.0	2,357.8	2,346.5	2,373.0	2,408.7	2,452.6	2,514.9

Table 1.1.6. Real Gross Domestic Product, Chained Dollars

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Personal consumption expenditures	13,126.3	12,629.9	12,820.8	12,927.9	13,282.7	13,665.6	13,719.3
3	Goods	4,723.0	4,942.5	5,158.9	5,155.0	5,476.6	5,646.7	5,512.4
4	Durable goods	1,749.7	1,884.3	2,030.6	2,036.4	2,253.5	2,316.2	2,147.0
5	Nondurable goods	2,988.1	3,080.5	3,159.9	3,151.1	3,269.3	3,377.2	3,398.7
6	Services	8,443.7	7,808.5	7,815.2	7,917.0	7,993.4	8,214.3	8,371.0
7	Gross private domestic investment	3,510.6	3,316.2	3,371.0	3,561.9	3,541.3	3,506.0	3,604.3
8	Fixed investment	3,421.3	3,329.4	3,318.5	3,456.6	3,564.1	3,593.0	3,586.1
9	Nonresidential	2,822.0	2,671.1	2,646.9	2,726.2	2,810.4	2,873.1	2,885.8
10	Structures	565.0	494.2	466.0	456.1	462.1	458.6	450.1
11	Equipment	1,258.8	1,154.0	1,166.6	1,237.1	1,278.5	1,315.7	1,305.0
12	Intellectual property products	1,002.9	1,031.3	1,027.7	1,053.0	1,091.9	1,124.6	1,157.5
13	Residential	606.7	648.0	657.8	708.2	730.6	708.2	694.2
14	Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
15	Net exports of goods and services	-905.3	-942.7	-1,021.3	-1,132.8	-1,226.1	-1,244.5	-1,311.7
16	Exports	2,554.0	2,207.6	2,166.3	2,279.0	2,262.3	2,304.2	2,289.5
17	Goods	1,788.5	1,606.8	1,608.7	1,703.1	1,696.9	1,723.5	1,701.0
18	Services	769.6	617.2	581.4	603.4	594.1	609.0	614.7
19	Imports	3,459.2	3,150.3	3,187.5	3,411.8	3,488.4	3,548.7	3,601.2
20	Goods	2,914.6	2,750.2	2,823.3	3,015.4	3,092.7	3,125.5	3,124.4
21	Services	547.4	423.8	397.7	430.7	433.0	456.6	500.4
22	Government consumption expenditures and gross investment	3,279.5	3,360.2	3,360.2	3,356.0	3,390.9	3,373.8	3,380.2
23	Federal	1,277.2	1,340.7	1,349.6	1,338.8	1,375.2	1,356.7	1,340.4
24	National defense	778.5	800.9	801.6	812.0	799.9	797.8	795.0
25	Nondefense	498.7	539.0	547.0	526.7	573.7	557.7	544.4
26	State and local	2,001.5	2,019.9	2,011.4	2,017.6	2,017.1	2,017.9	2,039.6
27	Residual	-32.3	-83.7	-117.5	-96.7	-91.5	-101.7	-50.4

Legend / Footnotes:

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	1.8	1.3	3.6	2.2	4.3	6.1	5.7
2	Personal consumption expenditures	1.5	1.2	3.7	1.5	3.8	6.5	5.3
3	Goods	-0.5	-0.7	4.9	0.3	5.9	9.3	7.3
4	Durable goods	-1.2	-0.8	7.6	0.2	2.3	16.8	9.6
5	Nondurable goods	-0.1	-0.7	3.5	0.4	8.0	5.0	5.9
6	Services	2.4	2.1	3.1	2.1	2.8	5.0	4.2
7	Gross private domestic investment	1.6	1.2	2.8	1.9	2.8	2.9	5.6
8	Fixed investment	1.6	1.2	2.2	1.9	3.7	4.5	6.6
9	Nonresidential	1.3	0.6	0.1	0.4	0.8	0.9	4.2
10	Structures	4.1	1.5	1.0	0.5	3.9	8.9	10.4
11	Equipment	0.1	-0.4	-1.7	-2.2	2.2	-3.2	4.8
12	Intellectual property products	0.9	1.4	1.6	3.2	-2.3	1.5	0.7
13	Residential	2.9	3.3	9.3	6.5	12.4	15.3	14.0
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	-0.5	-2.5	13.4	6.2	21.0	19.4	9.5
17	Goods	-1.6	-4.0	16.2	6.9	26.7	25.1	11.3
18	Services	1.7	0.4	8.5	4.7	9.2	7.2	5.4
19	Imports	-1.6	-2.2	8.0	2.2	13.3	13.4	5.9
20	Goods	-2.1	-2.8	8.7	1.8	14.9	14.2	5.8
21	Services	0.9	0.5	4.5	4.9	4.6	9.2	6.4
22	Government consumption expenditures and gross investment	1.7	1.4	2.4	3.0	5.4	6.1	5.4
23	Federal	1.8	1.1	3.0	2.5	4.0	4.1	4.6
24	National defense	1.6	1.1	3.6	2.5	4.4	4.3	4.5
25	Nondefense	2.2	1.2	2.2	2.5	3.3	3.9	4.8
26	State and local	1.7	1.6	2.0	3.3	6.3	7.3	5.9
	Addenda:							
27	Gross national product	1.8	1.3	3.6	2.2	4.3	6.1	---
	Implicit price deflators:							
28	Gross domestic product ¹	1.8	1.2	3.7	1.9	4.3	6.2	5.7
29	Gross national product ¹	1.8	1.2	3.7	2.0	4.3	6.2	---

Legend / Footnotes:

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

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

Seasonally adjusted at annual rates

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Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Gross domestic product	1.8	1.3	3.6	2.2	4.3	6.1	5.7
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.00	0.80	2.47	1.04	2.59	4.38	3.61
3	Goods	-0.10	-0.15	1.11	0.08	1.34	2.19	1.73
4	Durable goods	-0.09	-0.06	0.58	0.02	0.20	1.43	0.84
5	Nondurable goods	-0.01	-0.09	0.53	0.07	1.14	0.75	0.89
6	Services	1.10	0.95	1.36	0.96	1.25	2.19	1.88
7	Gross private domestic investment	0.29	0.21	0.47	0.34	0.52	0.53	0.99
8	Fixed investment	0.29	0.22	0.40	0.34	0.66	0.82	1.18
9	Nonresidential	0.18	0.09	0.03	0.06	0.10	0.13	0.56
10	Structures	0.13	0.04	0.03	0.01	0.10	0.22	0.25
11	Equipment	0.01	-0.02	-0.09	-0.12	0.13	-0.17	0.27
12	Intellectual property products	0.04	0.07	0.09	0.16	-0.12	0.08	0.04
13	Residential	0.11	0.13	0.37	0.28	0.56	0.69	0.63
14	Change in private inventories	0.00	-0.01	0.07	-0.01	-0.15	-0.29	-0.20
15	Net exports of goods and services	0.18	0.04	0.24	0.31	0.24	0.10	0.17
16	Exports	-0.06	-0.28	1.18	0.59	2.01	1.93	1.01
17	Goods	-0.13	-0.29	0.92	0.45	1.72	1.70	0.83
18	Services	0.07	0.01	0.26	0.14	0.29	0.23	0.17
19	Imports	0.24	0.31	-0.94	-0.29	-1.77	-1.83	-0.83
20	Goods	0.26	0.33	-0.86	-0.19	-1.67	-1.63	-0.69
21	Services	-0.02	-0.01	-0.08	-0.10	-0.10	-0.20	-0.15
22	Government consumption expenditures and gross investment	0.30	0.26	0.46	0.54	0.96	1.07	0.95
23	Federal	0.12	0.08	0.22	0.17	0.28	0.29	0.31
24	National defense	0.06	0.04	0.16	0.10	0.18	0.17	0.18
25	Nondefense	0.06	0.03	0.07	0.07	0.10	0.12	0.14
26	State and local	0.18	0.18	0.23	0.36	0.68	0.78	0.64

Table 1.1.9. Implicit Price Deflators for Gross Domestic Product

[Index numbers, 2012=100] Seasonally adjusted

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Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.294	113.648	113.888	114.439	115.652	117.413	119.051
2	Personal consumption expenditures	109.922	111.225	111.490	111.910	112.970	114.753	116.232
3	Goods	94.832	94.160	94.345	94.418	95.771	97.929	99.668
4	Durable goods	86.488	85.784	86.344	86.386	86.879	90.325	92.426
5	Nondurable goods	99.249	98.602	98.544	98.636	100.547	101.789	103.268
6	Services	117.836	120.302	120.620	121.263	122.105	123.589	124.861
7	Gross private domestic investment	108.991	109.698	110.022	110.143	110.919	111.952	113.470
8	Fixed investment	109.684	111.052	111.307	111.840	112.855	114.095	115.945
9	Nonresidential	104.137	104.813	104.899	105.009	105.207	105.433	106.515
10	Structures	119.058	120.852	120.931	121.086	122.253	124.898	128.036
11	Equipment	97.816	97.388	97.330	96.802	97.341	96.558	97.692
12	Intellectual property products	103.172	104.574	104.848	105.682	105.063	105.457	105.636
13	Residential	134.145	138.541	139.442	141.651	145.838	151.113	156.140
14	Change in private inventories	---	---	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---	---	---
16	Exports	98.660	96.188	95.998	97.440	102.192	106.830	109.290
17	Goods	91.792	88.162	87.831	89.297	94.733	100.193	102.918
18	Services	114.082	114.517	114.659	115.985	118.569	120.650	122.259
19	Imports	90.078	88.075	88.008	88.489	91.286	94.210	95.571
20	Goods	86.389	83.963	83.900	84.261	87.241	90.193	91.474
21	Services	109.262	109.820	109.755	111.061	112.329	114.824	116.622
22	Government consumption expenditures and gross investment	113.246	114.861	114.922	115.769	117.294	119.033	120.614
23	Federal	110.781	112.018	112.267	112.957	114.063	115.226	116.536
24	National defense	108.865	110.039	110.259	110.933	112.146	113.329	114.590
25	Nondefense	113.775	115.108	115.398	116.111	117.063	118.200	119.586
26	State and local	114.863	116.725	116.659	117.612	119.417	121.545	123.306
	Addendum:							
27	Gross national product	112.283	113.636	113.873	114.432	115.632	117.392	---

Table 1.1.10. Percentage Shares of Gross Domestic Product

[Percent]

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Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	Personal consumption expenditures	67.5	67.2	67.6	67.4	68.1	69.0	68.8
3	Goods	21.0	22.3	23.0	22.7	23.8	24.3	23.7
4	Durable goods	7.1	7.7	8.3	8.2	8.9	9.2	8.6
5	Nondurable goods	13.9	14.5	14.7	14.5	14.9	15.1	15.1
6	Services	46.6	45.0	44.6	44.7	44.3	44.6	45.1
7	Gross private domestic investment	17.9	17.4	17.5	18.3	17.8	17.3	17.6
8	Fixed investment	17.6	17.7	17.5	18.0	18.3	18.0	17.9
9	Nonresidential	13.7	13.4	13.1	13.3	13.4	13.3	13.3
10	Structures	3.1	2.9	2.7	2.6	2.6	2.5	2.5
11	Equipment	5.8	5.4	5.4	5.6	5.6	5.6	5.5
12	Intellectual property products	4.8	5.2	5.1	5.2	5.2	5.2	5.3
13	Residential	3.8	4.3	4.3	4.7	4.8	4.7	4.7
14	Change in private inventories	0.3	-0.3	0.1	0.3	-0.4	-0.8	-0.3
15	Net exports of goods and services	-2.8	-3.1	-3.4	-3.7	-4.0	-3.9	-4.1
16	Exports	11.8	10.2	9.8	10.3	10.5	10.8	10.8
17	Goods	7.7	6.8	6.7	7.1	7.3	7.6	7.6
18	Services	4.1	3.4	3.2	3.3	3.2	3.2	3.2
19	Imports	14.6	13.3	13.3	14.1	14.4	14.7	14.9
20	Goods	11.8	11.1	11.2	11.8	12.2	12.4	12.3
21	Services	2.8	2.2	2.1	2.2	2.2	2.3	2.5
22	Government consumption expenditures and gross investment	17.4	18.5	18.3	18.1	18.0	17.7	17.6
23	Federal	6.6	7.2	7.2	7.0	7.1	6.9	6.7
24	National defense	4.0	4.2	4.2	4.2	4.1	4.0	3.9
25	Nondefense	2.7	3.0	3.0	2.8	3.0	2.9	2.8
26	State and local	10.8	11.3	11.1	11.0	10.9	10.8	10.9

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

[Percent]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	-2.9	-2.3	0.5	12.2	4.9
2	Personal consumption expenditures	-2.8	-2.4	2.1	16.2	7.0
3	Goods	8.3	7.7	14.3	21.0	6.9
4	Durable goods	14.5	13.5	29.6	33.8	5.7
5	Nondurable goods	5.0	4.7	6.8	14.5	7.6
6	Services	-7.7	-6.9	-3.5	13.8	7.1
7	Gross private domestic investment	-4.7	2.4	3.2	20.8	6.9
8	Fixed investment	-3.8	0.5	4.2	15.0	8.1
9	Nonresidential	-7.0	-3.8	1.3	13.3	9.0
10	Structures	-19.9	-20.0	-18.7	-5.6	-3.4
11	Equipment	-7.1	-0.3	9.4	26.0	11.9
12	Intellectual property products	1.7	2.5	5.3	11.6	12.6
13	Residential	7.7	15.7	13.9	21.1	5.5
14	Change in private inventories	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---
16	Exports	-14.9	-10.7	-7.4	18.6	5.7
17	Goods	-9.9	-4.5	-3.6	27.2	5.7
18	Services	-24.0	-22.0	-14.6	3.4	5.7
19	Imports	-8.3	0.3	6.2	30.6	13.0
20	Goods	-3.6	5.7	10.5	32.3	10.7
21	Services	-28.0	-21.3	-12.4	22.5	25.8
22	Government consumption expenditures and gross investment	2.1	1.2	1.3	-0.1	0.6
23	Federal	4.9	3.1	5.3	-0.9	-0.7
24	National defense	2.5	2.3	1.0	0.0	-0.8
25	Nondefense	8.4	4.4	11.7	-1.9	-0.5
26	State and local	0.4	0.0	-1.1	0.3	1.4
	Addenda:					
27	Final sales of domestic product	-2.7	-2.6	0.7	11.3	5.1
28	Gross domestic purchases	-2.3	-1.0	2.1	13.8	5.9
29	Final sales to domestic purchasers	-2.2	-1.3	2.3	12.9	6.0
30	Final sales to private domestic purchasers ¹	-3.0	-1.8	2.5	16.0	7.2
31	Gross domestic income (GDI)	-3.8	-0.2	1.6	12.8	---
32	Average of GDP and GDI ²	-3.4	-1.2	1.1	12.5	---
33	Gross national product	-3.1	-2.3	0.5	12.4	---
34	Real disposable personal income	6.9	4.0	15.1	-4.7	-1.7
	Price indexes (chain-type):					
35	Gross domestic purchases	1.3	1.4	2.0	3.7	4.2
36	Gross domestic purchases excluding food and energy ³	1.4	1.5	1.9	3.4	3.8
37	Gross domestic product	1.3	1.5	2.1	4.1	4.6
38	Gross domestic product excluding food and energy ¹	1.4	1.6	1.9	3.6	4.0
39	Personal consumption expenditures	1.2	1.2	1.8	3.9	4.3
40	Personal consumption expenditures excluding food and energy ³	1.5	1.4	1.7	3.4	3.6
41	Market-based PCE ⁴	1.1	1.0	1.8	3.5	4.1
42	Market-based PCE excluding food and energy ⁴	1.4	1.3	1.5	2.8	3.3

Legend / Footnotes:

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

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

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

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

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

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

[Percent] Seasonally adjusted at annual rates

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Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Final sales of domestic product	2.2	-2.9	25.9	3.4	9.1	8.1	-0.1
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	4.3	0.3	62.9	4.6	10.8	9.8	-0.3
5	Final sales	4.2	2.1	33.4	1.1	20.5	14.1	-6.6
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	3.9	-2.3	91.7	3.2	19.1	6.8	-6.6
8	Final sales	4.5	0.6	33.7	2.2	29.1	15.3	-10.9
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	4.9	3.6	33.7	6.5	1.1	13.6	7.9
11	Final sales	3.8	4.0	33.0	-0.4	10.4	12.5	-0.8
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	1.5	-5.5	23.8	3.1	4.2	7.9	4.7
14	Structures	0.8	-0.9	15.6	14.7	5.0	-10.0	-7.3
	Addenda:							
15	Motor vehicle output	0.2	-12.7	1,236.8	-12.8	1.1	-14.1	-41.6
16	Gross domestic product excluding motor vehicle output	2.4	-3.1	27.0	5.1	6.4	7.4	3.5
17	Final sales of computers ³	14.9	-0.1	59.2	-3.7	60.4	-10.3	-26.7
18	Gross domestic product excluding final sales of computers	2.2	-3.4	33.7	4.6	6.1	6.8	2.2
19	Gross domestic purchases excluding final sales of computers to domestic purchasers	2.4	-3.2	37.8	6.0	7.3	7.1	3.1
20	Research and development	6.1	2.0	14.9	7.5	5.8	9.7	8.3
21	Gross domestic product excluding research and development	2.2	-3.6	34.5	4.4	6.3	6.6	1.8
22	Final sales of domestic product, current dollars	4.1	-1.6	30.4	5.7	14.0	14.9	5.8

Legend / Footnotes:

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

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

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Percentage points at annual rates: Final sales of domestic product	2.24	-2.89	26.95	3.44	8.90	7.99	-0.06
3	Change in private inventories	0.05	-0.52	6.84	1.10	-2.62	-1.26	2.07
4	Goods	1.27	0.08	17.63	1.46	3.31	3.05	-0.09
5	Final sales	1.22	0.60	10.79	0.36	5.94	4.31	-2.17
6	Change in private inventories	0.05	-0.52	6.84	1.10	-2.62	-1.26	2.07
7	Durable goods	0.65	-0.38	12.86	0.58	3.12	1.22	-1.17
8	Final sales	0.73	0.10	6.40	0.40	4.54	2.61	-2.06
9	Change in private inventories ¹	-0.08	-0.48	6.46	0.17	-1.42	-1.39	0.89
10	Nondurable goods	0.62	0.46	4.76	0.88	0.19	1.83	1.08
11	Final sales	0.49	0.50	4.39	-0.04	1.40	1.70	-0.11
12	Change in private inventories ¹	0.13	-0.04	0.37	0.92	-1.21	0.13	1.19
13	Services ²	0.95	-3.41	14.68	1.86	2.52	4.62	2.77
14	Structures	0.07	-0.07	1.47	1.22	0.45	-0.94	-0.66
	Addenda:							
15	Motor vehicle output	0.00	-0.35	5.97	-0.40	0.03	-0.42	-1.39
16	Gross domestic product excluding motor vehicle output	2.28	-3.06	27.81	4.94	6.25	7.15	3.41
17	Final sales of computers ³	0.07	0.00	0.27	-0.02	0.24	-0.05	-0.15
18	Gross domestic product excluding final sales of computers	2.22	-3.40	33.52	4.55	6.04	6.78	2.17
19	Research and development	0.18	0.06	0.53	0.25	0.20	0.32	0.27
20	Gross domestic product excluding research and development	2.10	-3.47	33.26	4.28	6.08	6.40	1.74

Legend / Footnotes:

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

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Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Final sales of domestic product	117.066	113.676	114.368	115.337	117.879	120.185	120.164
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	128.602	128.967	133.657	135.170	138.678	141.944	141.828
5	Final sales	128.659	131.321	134.568	134.929	141.378	146.104	143.650
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	128.098	125.187	130.757	131.780	137.674	139.953	137.599
8	Final sales	129.371	130.143	133.375	134.116	142.966	148.131	143.929
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	129.290	133.971	137.474	139.643	140.018	144.561	147.330
11	Final sales	127.790	132.873	136.147	136.021	139.439	143.621	143.336
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	111.331	105.196	105.175	105.976	107.071	109.118	110.382
14	Structures	122.380	121.323	119.487	123.667	125.176	121.912	119.622
	Addenda:							
15	Motor vehicle output	130.382	113.771	135.372	130.811	131.160	126.259	110.387
16	Gross domestic product excluding motor vehicle output	116.734	113.066	113.629	115.052	116.859	118.958	119.996
17	Final sales of computers ³	159.763	159.633	166.650	165.089	185.803	180.823	167.324
18	Gross domestic product excluding final sales of computers	116.926	112.927	113.989	115.272	116.980	118.926	119.569
19	Gross domestic purchases excluding final sales of computers to domestic purchasers	118.308	114.566	115.974	117.682	119.781	121.853	122.793
20	Research and development	130.340	132.968	133.665	136.106	138.031	141.252	144.082
21	Gross domestic product excluding research and development	116.710	112.528	113.624	114.862	116.629	118.514	119.043

Legend / Footnotes:

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
2	Final sales of domestic product	112.429	113.902	114.143	114.775	116.034	117.833	119.531
3	Change in private inventories	---	---	---	---	---	---	---
4	Goods	100.014	99.810	99.983	100.331	101.326	102.823	104.460
5	Final sales	100.305	100.125	100.292	100.650	101.766	103.479	105.262
6	Change in private inventories	---	---	---	---	---	---	---
7	Durable goods	99.383	99.622	99.954	100.026	99.719	100.965	102.540
8	Final sales	99.400	99.623	99.970	100.048	99.837	101.264	103.101
9	Change in private inventories ¹	---	---	---	---	---	---	---
10	Nondurable goods	100.832	100.057	100.022	100.713	103.388	105.213	106.929
11	Final sales	101.453	100.750	100.684	101.396	104.249	106.343	108.053
12	Change in private inventories ¹	---	---	---	---	---	---	---
13	Services ²	116.993	119.217	119.460	120.183	121.296	122.827	124.151
14	Structures	125.622	128.562	129.099	130.268	133.129	137.165	141.165
	Addenda:							
15	Motor vehicle output	103.259	104.136	106.085	105.979	106.292	112.876	118.440
16	Gross domestic product excluding motor vehicle output	112.552	114.031	114.232	114.882	116.125	117.699	119.237
17	Final sales of computers ³	72.393	70.391	69.977	69.015	69.761	71.869	72.913
18	Gross domestic product excluding final sales of computers	112.516	114.003	114.252	114.891	116.109	117.824	119.471
19	Implicit price deflator for final sales of domestic product	112.429	113.902	114.132	114.764	116.022	117.821	119.519
20	Research and development	112.580	116.448	117.279	118.763	119.274	119.916	120.564
21	Gross domestic product excluding research and development	112.268	113.649	113.873	114.471	115.709	117.467	119.146

Legend / Footnotes:

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

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

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

Table 1.2.5. Gross Domestic Product by Major Type of Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Final sales of domestic product	21,299.0	20,953.3	21,123.6	21,420.3	22,132.5	22,915.3	23,241.6
3	Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
4	Goods	6,341.9	6,326.9	6,569.3	6,652.5	6,892.9	7,167.9	7,275.3
5	Final sales	6,268.3	6,386.5	6,554.3	6,595.2	6,987.1	7,342.2	7,343.3
6	Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
7	Durable goods	3,580.5	3,507.9	3,675.4	3,707.4	3,859.7	3,974.2	3,968.5
8	Final sales	3,532.2	3,561.2	3,661.9	3,685.1	3,920.0	4,119.6	4,075.4
9	Change in private inventories ¹	48.3	-53.4	13.5	22.3	-60.2	-145.4	-106.9
10	Nondurable goods	2,761.4	2,819.1	2,893.9	2,945.0	3,033.2	3,193.7	3,306.7
11	Final sales	2,736.1	2,825.3	2,892.4	2,910.1	3,067.2	3,222.6	3,267.9
12	Change in private inventories ¹	25.3	-6.2	1.5	34.9	-34.0	-28.9	38.9
13	Services ²	13,203.6	12,713.1	12,736.1	12,910.6	13,164.9	13,585.8	13,891.5
14	Structures	1,827.1	1,853.7	1,833.2	1,914.5	1,980.4	1,987.2	2,006.8
	Addenda:							
15	Motor vehicle output	585.8	516.1	623.5	601.4	604.5	618.1	567.1
16	Gross domestic product excluding motor vehicle output	20,786.8	20,377.6	20,515.1	20,876.2	21,433.7	22,122.8	22,606.4
17	Final sales of computers ³	102.7	99.8	103.6	101.3	115.2	115.5	108.4
18	Gross domestic product excluding final sales of computers	21,269.9	20,793.9	21,034.9	21,376.3	21,923.0	22,625.5	23,065.1
19	Research and development	675.8	713.1	721.8	744.3	758.0	779.9	799.8
20	Gross domestic product excluding research and development	20,696.8	20,180.7	20,416.8	20,733.3	21,280.2	21,961.1	22,373.7

Legend / Footnotes:

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

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Final sales of domestic product	18,944.4	18,395.9	18,508.0	18,664.8	19,076.1	19,449.3	19,445.9
3	Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
4	Residual	13.1	31.0	27.5	14.2	67.8	87.6	97.0
5	Goods	6,338.0	6,356.0	6,587.1	6,661.8	6,834.6	6,995.6	6,989.9
6	Final sales	6,249.2	6,378.5	6,536.2	6,553.7	6,867.0	7,096.5	6,977.4
7	Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
8	Durable goods	3,602.0	3,520.1	3,676.7	3,705.5	3,871.2	3,935.3	3,869.1
9	Final sales	3,553.5	3,574.7	3,663.5	3,683.8	3,926.9	4,068.8	3,953.4
10	Change in private inventories ¹	47.9	-52.7	11.2	20.5	-55.1	-130.8	-92.1
11	Nondurable goods	2,736.5	2,835.5	2,909.7	2,955.6	2,963.5	3,059.7	3,118.3
12	Final sales	2,696.9	2,804.2	2,873.3	2,870.7	2,942.8	3,031.0	3,025.0
13	Change in private inventories ¹	26.4	12.7	12.8	68.7	-31.8	-32.9	20.0
14	Services ²	11,285.8	10,663.9	10,661.8	10,742.9	10,853.9	11,061.4	11,189.5
15	Structures	1,454.4	1,441.9	1,420.0	1,469.7	1,487.7	1,448.9	1,421.6
16	Residual	-32.2	-60.0	-81.8	-88.6	-68.8	-78.1	-52.3
	Addenda:							
17	Motor vehicle output	567.3	495.1	589.0	569.2	570.7	549.4	480.3
18	Gross domestic product excluding motor vehicle output	18,465.9	17,885.7	17,974.8	18,200.0	18,485.7	18,817.7	18,981.9
19	Final sales of computers ³	141.9	141.8	148.0	146.6	165.0	160.6	148.6
20	Gross domestic product excluding final sales of computers	18,901.2	18,254.8	18,426.6	18,633.9	18,910.0	19,224.6	19,328.6
21	Research and development	600.2	612.4	615.6	626.8	635.7	650.5	663.5
22	Gross domestic product excluding research and development	18,432.6	17,772.0	17,945.1	18,140.6	18,419.7	18,717.4	18,801.1

Legend / Footnotes:

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

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line following change in private inventories is the difference between gross domestic product and the sum of final sales of domestic product and of change in private inventories; the residual line following structures is the difference between gross domestic product and the sum of the detailed lines of goods, of services, and of structures.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Business ¹	2.6	-4.2	44.7	6.1	8.2	8.2	1.4
3	Nonfarm ²	2.7	-4.4	44.6	6.2	8.4	8.5	1.7
4	Farm	-8.6	18.7	55.4	-2.3	-15.0	-15.5	-18.4
5	Households and institutions	1.2	-1.3	6.0	2.0	0.2	2.0	3.2
6	Households	1.2	0.0	-0.8	-0.7	1.3	2.1	2.2
7	Nonprofit institutions serving households ³	1.4	-3.0	15.3	5.5	-1.1	2.0	4.3
8	General government ⁴	1.1	-0.1	7.1	-2.3	1.0	2.4	5.0
9	Federal	1.1	2.7	5.0	-1.7	0.3	1.2	0.0
10	State and local	1.1	-1.4	8.1	-2.6	1.4	3.0	7.4
	Addendum:							
11	Gross housing value added	1.2	0.2	-0.4	-0.3	1.4	1.9	1.9

Legend / Footnotes:

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

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Business ¹	121.178	116.041	117.532	119.279	121.647	124.064	124.497
3	Nonfarm ²	121.043	115.710	117.177	118.941	121.374	123.869	124.382
4	Farm	125.823	149.361	154.594	153.693	147.594	141.494	134.490
5	Households and institutions	107.487	106.043	105.719	106.249	106.297	106.834	107.672
6	Households	105.663	105.676	105.618	105.425	105.755	106.301	106.888
7	Nonprofit institutions serving households ³	109.848	106.548	105.876	107.307	107.006	107.533	108.679
8	General government ⁴	102.858	102.732	103.068	102.471	102.735	103.341	104.601
9	Federal	98.906	101.624	102.581	102.154	102.242	102.541	102.542
10	State and local	104.767	103.290	103.333	102.655	103.002	103.756	105.619
	Addendum:							
11	Gross housing value added	105.694	105.930	105.909	105.818	106.185	106.694	107.189

Legend / Footnotes:

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

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

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

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

Table 1.3.4. Price Indexes for Gross Value Added by Sector

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
2	Business ¹	110.166	110.724	110.963	111.491	112.886	114.828	116.552
3	Nonfarm ²	110.799	111.438	111.718	112.082	113.380	115.053	116.715
4	Farm	66.060	60.928	58.413	69.257	76.839	97.425	103.640
5	Households and institutions	120.632	126.236	126.676	127.775	128.506	129.391	131.092
6	Households	119.808	123.714	124.212	124.482	125.054	126.054	127.303
7	Nonprofit institutions serving households ³	121.712	129.496	129.849	132.024	132.962	133.697	135.984
8	General government ⁴	117.572	120.965	121.045	121.869	122.298	123.270	124.247
9	Federal	114.174	116.022	116.366	117.350	118.351	119.467	120.867
10	State and local	119.255	123.395	123.344	124.091	124.235	125.136	125.905
	Addendum:							
11	Gross housing value added	121.697	125.709	126.194	126.511	126.977	127.872	129.066

Legend / Footnotes:

1. Equals gross domestic product excluding gross value added of households and institutions and of general government.
2. Equals gross domestic business value added excluding gross farm value added.
3. Equals compensation of employees of nonprofit institutions, the rental value of nonresidential fixed assets owned and used by nonprofit institutions serving households, and rental income of persons for tenant-occupied housing owned by nonprofit institutions.
4. Equals compensation of general government employees plus general government consumption of fixed capital.

Table 1.3.5. Gross Value Added by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Business ¹	16,298.1	15,666.4	15,899.9	16,198.6	16,726.8	17,361.1	17,682.4
3	Nonfarm ²	16,175.1	15,531.7	15,766.9	16,039.4	16,554.2	17,148.0	17,465.7
4	Farm	123.0	134.7	133.0	159.2	172.6	213.1	216.7
5	Households and institutions	2,669.0	2,755.5	2,756.9	2,794.8	2,812.1	2,845.7	2,905.8
6	Households	1,479.6	1,528.0	1,533.3	1,533.9	1,545.7	1,566.2	1,590.4
7	Nonprofit institutions serving households ³	1,189.4	1,227.4	1,223.6	1,260.9	1,266.3	1,279.6	1,315.4
8	General government ⁴	2,405.5	2,471.9	2,481.8	2,484.2	2,499.4	2,534.1	2,585.3
9	Federal	749.4	782.5	792.2	795.5	803.0	812.9	822.5
10	State and local	1,656.1	1,689.4	1,689.6	1,688.7	1,696.4	1,721.2	1,762.9
	Addendum:							
11	Gross housing value added	1,921.1	1,988.9	1,996.2	1,999.5	2,013.8	2,037.7	2,066.3

Legend / Footnotes:

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

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

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Business ¹	14,791.5	14,164.4	14,346.5	14,559.8	14,848.7	15,143.8	15,196.6
3	Nonfarm ²	14,595.9	13,952.9	14,129.8	14,342.4	14,635.8	14,936.7	14,998.5
4	Farm	186.2	221.0	228.8	227.4	218.4	209.4	199.0
5	Households and institutions	2,212.5	2,182.8	2,176.1	2,187.0	2,188.0	2,199.1	2,216.3
6	Households	1,235.0	1,235.1	1,234.5	1,232.2	1,236.1	1,242.4	1,249.3
7	Nonprofit institutions serving households ³	977.2	947.8	941.9	954.6	951.9	956.6	966.8
8	General government ⁴	2,046.0	2,043.5	2,050.2	2,038.3	2,043.5	2,055.6	2,080.7
9	Federal	656.4	674.4	680.8	678.0	678.5	680.5	680.5
10	State and local	1,388.7	1,369.1	1,369.7	1,360.7	1,365.3	1,375.3	1,400.0
11	Residual	-6.7	-15.7	-24.5	-27.5	-30.4	-32.6	-28.9
	Addendum:							
12	Gross housing value added	1,578.6	1,582.1	1,581.8	1,580.5	1,585.9	1,593.5	1,600.9

Legend / Footnotes:

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

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

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Less: Exports of goods and services	-0.1	-13.6	54.5	22.5	-2.9	7.6	-2.5
3	Plus: Imports of goods and services	1.2	-8.9	89.2	31.3	9.3	7.1	6.1
4	Equals: Gross domestic purchases	2.4	-3.0	37.8	6.1	7.7	6.7	3.1
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	2.4	-2.5	29.9	5.0	10.4	8.0	1.0
	Addenda:							
7	Final sales of domestic product	2.2	-2.9	25.9	3.4	9.1	8.1	-0.1
8	Final sales to private domestic purchasers ¹	2.4	-3.6	38.4	6.2	11.8	10.1	1.1
9	Gross domestic purchases, current dollars	4.0	-1.9	42.4	7.7	11.9	13.0	8.6
10	Final sales to domestic purchasers, current dollars	3.9	-1.3	34.0	6.9	14.9	14.5	6.6
11	Final sales to private domestic purchasers, current dollars ¹	3.9	-2.4	43.1	7.9	16.0	16.8	6.7

Legend / Footnotes:

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Less: Exports of goods and services	115.163	99.543	97.680	102.765	102.013	103.899	103.237
3	Plus: Imports of goods and services	124.913	113.756	115.101	123.202	125.968	128.143	130.039
4	Equals: Gross domestic purchases	118.473	114.882	116.337	118.066	120.264	122.227	123.153
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	118.451	115.450	116.520	117.951	120.910	123.250	123.568
	Addenda:							
7	Final sales of domestic product	117.066	113.676	114.368	115.337	117.879	120.185	120.164
8	Final sales to private domestic purchasers ¹	121.690	117.363	118.687	120.490	123.889	126.919	127.263

Legend / Footnotes:

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
2	Less: Exports of goods and services	98.660	96.188	96.164	97.622	102.383	107.030	109.495
3	Plus: Imports of goods and services	90.078	88.075	88.098	88.585	91.385	94.312	95.674
4	Equals: Gross domestic purchases	110.326	111.682	111.924	112.434	113.523	115.130	116.640
5	Less: Change in private inventories	---	---	---	---	---	---	---
6	Equals: Final sales to domestic purchasers	110.459	111.826	112.066	112.580	113.711	115.392	116.953
	Addenda:							
7	Final sales of domestic product	112.429	113.902	114.143	114.775	116.034	117.833	119.531
8	Final sales to private domestic purchasers ¹	109.875	111.191	111.470	111.914	112.965	114.634	116.191
9	Implicit price deflator for final sales to domestic purchasers	110.459	111.826	112.054	112.567	113.697	115.378	116.939

Legend / Footnotes:

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

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Less: Exports of goods and services	2,519.7	2,123.4	2,079.6	2,220.7	2,311.9	2,461.5	2,502.2
3	Plus: Imports of goods and services	3,116.0	2,774.6	2,805.3	3,019.1	3,184.5	3,343.2	3,441.7
4	Equals: Gross domestic purchases	21,968.8	21,544.9	21,864.3	22,276.0	22,910.8	23,622.6	24,113.0
5	Less: Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
6	Equals: Final sales to domestic purchasers	21,895.2	21,604.5	21,849.3	22,218.8	23,005.0	23,797.0	24,181.1
	Addenda:							
7	Final sales of domestic product	21,299.0	20,953.3	21,123.6	21,420.3	22,132.5	22,915.3	23,241.6
8	Final sales to private domestic purchasers ¹	18,181.3	17,745.0	17,987.6	18,333.5	19,027.7	19,781.1	20,104.1

Legend / Footnotes:

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Less: Exports of goods and services	2,554.0	2,207.6	2,166.3	2,279.0	2,262.3	2,304.2	2,289.5
3	Plus: Imports of goods and services	3,459.2	3,150.3	3,187.5	3,411.8	3,488.4	3,548.7	3,601.2
4	Equals: Gross domestic purchases	19,910.1	19,306.6	19,551.0	19,841.7	20,211.1	20,540.9	20,696.6
5	Less: Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
6	Equals: Final sales to domestic purchasers	19,822.0	19,319.8	19,498.9	19,738.3	20,233.6	20,625.1	20,678.3
	Addenda:							
7	Final sales of domestic product	18,944.4	18,395.9	18,508.0	18,664.8	19,076.1	19,449.3	19,445.9
8	Final sales to private domestic purchasers ¹	16,547.3	15,959.0	16,139.0	16,384.1	16,846.3	17,258.3	17,305.2

Legend / Footnotes:

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Personal consumption expenditures	2.2	-3.8	41.4	3.4	11.4	12.0	1.6
3	Goods	3.4	4.6	49.5	-0.3	27.4	13.0	-9.2
4	Durable goods	4.3	7.7	89.0	1.1	50.0	11.6	-26.2
5	Motor vehicles and parts	-1.2	3.3	92.2	2.0	58.0	15.9	-53.9
6	Furnishings and durable household equipment	3.5	7.6	70.2	-5.7	49.7	0.1	-10.3
7	Recreational goods and vehicles	12.2	18.2	51.1	0.5	40.4	11.9	-7.2
8	Other durable goods	4.5	-1.5	289.5	13.8	51.5	21.2	8.3
9	Nondurable goods	2.9	3.1	31.8	-1.1	15.9	13.9	2.6
10	Food and beverages purchased for off-premises consumption	2.0	7.6	4.0	-3.3	18.3	3.2	0.0
11	Clothing and footwear	3.0	-4.0	210.7	3.0	35.9	37.9	-0.5
12	Gasoline and other energy goods	-0.1	-13.7	89.9	-12.2	5.7	36.4	14.0
13	Other nondurable goods	4.6	5.8	21.8	1.7	10.3	11.7	3.1
14	Services	1.7	-7.5	37.5	5.3	3.9	11.5	7.9
15	Household consumption expenditures (for services)	2.0	-8.6	46.3	6.0	4.9	13.2	8.9
16	Housing and utilities	0.9	1.0	0.3	0.3	1.9	0.3	1.1
17	Health care	3.3	-8.4	90.6	14.0	-4.3	10.3	5.7
18	Transportation services	3.4	-25.8	93.2	5.8	5.5	52.0	41.5
19	Recreation services	1.3	-30.1	217.3	5.6	27.7	41.3	16.5
20	Food services and accommodations	2.1	-21.9	213.4	-4.7	32.9	68.0	12.4
21	Financial services and insurance	-1.1	0.3	5.0	5.9	4.7	-3.1	5.0
22	Other services	4.2	-9.9	36.0	12.4	6.6	13.2	22.9
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-4.2	16.2	-48.8	-6.7	-12.9	-18.0	-12.5
24	Gross output of nonprofit institutions ²	1.0	-2.6	10.0	8.7	-7.0	4.3	3.2
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	3.0	-9.4	61.1	16.0	-4.5	14.5	9.8
26	Gross private domestic investment	3.4	-5.5	82.1	24.7	-2.3	-3.9	11.7
27	Fixed investment	3.2	-2.7	27.5	17.7	13.0	3.3	-0.8
28	Nonresidential	4.3	-5.3	18.7	12.5	12.9	9.2	1.8
29	Structures	2.0	-12.5	-15.3	-8.2	5.4	-3.0	-7.3
30	Equipment	3.3	-8.3	55.9	26.4	14.1	12.1	-3.2
31	Information processing equipment	3.7	6.8	40.2	16.0	26.0	-7.8	-5.8
32	Computers and peripheral equipment	3.2	10.2	26.8	18.3	45.1	-35.8	4.5
33	Other	4.0	5.4	46.7	14.9	18.0	8.5	-10.0
34	Industrial equipment	2.2	-4.9	22.1	19.3	7.2	32.9	11.2
35	Transportation equipment	2.8	-35.2	157.3	87.2	7.6	52.1	-18.5
36	Other equipment	4.3	-1.6	64.7	14.2	7.6	3.3	0.5
37	Intellectual property products	7.2	2.8	8.1	10.2	15.6	12.5	12.2
38	Software ⁴	7.0	7.4	9.5	10.4	26.4	14.1	15.7
39	Research and development ⁵	8.3	0.9	10.2	10.9	9.7	11.2	9.5
40	Entertainment, literary, and artistic originals	2.2	-6.9	-10.5	5.3	0.0	12.2	11.0
41	Residential	-0.9	6.8	59.9	34.4	13.3	-11.7	-7.7
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	-0.1	-13.6	54.5	22.5	-2.9	7.6	-2.5
47	Goods	-0.1	-10.2	99.0	25.6	-1.4	6.4	-5.1
48	Services	-0.1	-19.8	-4.9	16.0	-6.0	10.4	3.8
49	Imports	1.2	-8.9	89.2	31.3	9.3	7.1	6.1
50	Goods	0.5	-5.6	103.7	30.1	10.6	4.3	-0.1
51	Services	3.9	-22.6	29.7	37.5	2.2	23.6	44.4

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	2.2	2.5	-2.1	-0.5	4.2	-2.0	0.8
53	Federal	3.8	5.0	-5.4	-3.1	11.3	-5.3	-4.7
54	National defense	5.2	2.9	1.7	5.3	-5.8	-1.1	-1.4
55	Consumption expenditures	4.9	1.9	2.8	3.6	-8.1	-2.8	-4.6
56	Gross investment	6.5	6.9	-2.3	11.8	3.3	5.8	11.1
57	Nondefense	1.6	8.1	-14.3	-14.1	40.8	-10.7	-9.2
58	Consumption expenditures	1.4	9.5	-23.7	-14.8	61.6	-14.4	-13.7
59	Gross investment	2.3	4.3	20.9	-12.0	-6.9	1.9	6.2
60	State and local	1.3	0.9	0.1	1.2	-0.1	0.2	4.4
61	Consumption expenditures	1.2	0.4	1.1	-0.6	2.5	3.2	6.9
62	Gross investment	1.8	3.1	-4.3	9.6	-10.7	-12.4	-6.5

Legend / Footnotes:

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
	Percentage points at annual rates:							
2	Personal consumption expenditures	1.48	-2.55	25.51	2.26	7.44	7.92	1.09
3	Goods	0.71	0.96	9.92	-0.07	5.69	2.99	-2.32
4	Durable goods	0.30	0.54	5.49	0.10	3.50	1.01	-2.70
5	Motor vehicles and parts	-0.03	0.08	1.89	0.06	1.36	0.48	-2.39
6	Furnishings and durable household equipment	0.06	0.13	1.11	-0.12	0.82	0.00	-0.22
7	Recreational goods and vehicles	0.23	0.35	1.07	0.01	0.84	0.29	-0.19
8	Other durable goods	0.05	-0.01	1.42	0.14	0.48	0.24	0.10
9	Nondurable goods	0.40	0.42	4.43	-0.17	2.19	1.98	0.39
10	Food and beverages purchased for off-premises consumption	0.10	0.37	0.25	-0.18	0.92	0.18	0.00
11	Clothing and footwear	0.06	-0.07	2.08	0.06	0.59	0.66	-0.01
12	Gasoline and other energy goods	0.00	-0.20	0.74	-0.15	0.07	0.45	0.21
13	Other nondurable goods	0.25	0.33	1.36	0.11	0.61	0.69	0.19
14	Services	0.78	-3.52	15.59	2.34	1.75	4.93	3.40
15	Household consumption expenditures (for services)	0.87	-3.85	17.38	2.50	2.06	5.35	3.68
16	Housing and utilities	0.11	0.13	0.06	0.04	0.24	0.04	0.13
17	Health care	0.37	-0.97	7.42	1.50	-0.50	1.10	0.62
18	Transportation services	0.08	-0.59	1.12	0.09	0.09	0.73	0.67
19	Recreation services	0.04	-0.82	2.18	0.10	0.49	0.73	0.34
20	Food services and accommodations	0.10	-1.04	4.40	-0.19	1.13	2.25	0.54
21	Financial services and insurance	-0.06	0.02	0.43	0.33	0.27	-0.17	0.27
22	Other services	0.24	-0.57	1.77	0.62	0.34	0.67	1.12
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-0.09	0.33	-1.78	-0.16	-0.31	-0.42	-0.27
24	Gross output of nonprofit institutions ²	0.08	-0.20	0.84	0.66	-0.56	0.32	0.24
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	0.17	-0.53	2.62	0.82	-0.25	0.74	0.51
26	Gross private domestic investment	0.60	-0.99	11.71	4.01	-0.37	-0.65	1.94
27	Fixed investment	0.55	-0.47	4.88	2.92	2.25	0.61	-0.14
28	Nonresidential	0.59	-0.73	2.72	1.57	1.65	1.21	0.24
29	Structures	0.06	-0.39	-0.46	-0.22	0.14	-0.08	-0.19
30	Equipment	0.19	-0.48	2.73	1.29	0.75	0.66	-0.18
31	Information processing equipment	0.07	0.12	0.75	0.31	0.49	-0.17	-0.12
32	Computers and peripheral equipment	0.02	0.06	0.17	0.11	0.25	-0.29	0.03
33	Other	0.05	0.07	0.59	0.20	0.24	0.12	-0.15
34	Industrial equipment	0.03	-0.06	0.26	0.21	0.08	0.35	0.14
35	Transportation equipment	0.04	-0.52	1.03	0.61	0.08	0.43	-0.20
36	Other equipment	0.05	-0.02	0.69	0.17	0.10	0.04	0.01
37	Intellectual property products	0.33	0.14	0.45	0.50	0.76	0.62	0.61
38	Software ⁴	0.14	0.15	0.22	0.21	0.52	0.29	0.32
39	Research and development ⁵	0.19	0.02	0.28	0.27	0.25	0.28	0.24
40	Entertainment, literary, and artistic originals	0.01	-0.03	-0.05	0.02	0.00	0.05	0.04
41	Residential	-0.04	0.26	2.16	1.34	0.60	-0.60	-0.38
42	Change in private inventories	0.05	-0.52	6.84	1.10	-2.62	-1.26	2.07
43	Farm	-0.04	0.04	0.06	-0.01	-0.06	-0.07	-0.06
44	Nonfarm	0.09	-0.56	6.78	1.11	-2.56	-1.20	2.14
45	Net exports of goods and services	-0.18	-0.29	-3.25	-1.65	-1.56	-0.18	-1.14
46	Exports	-0.01	-1.57	4.64	2.07	-0.30	0.80	-0.28
47	Goods	0.00	-0.76	4.75	1.59	-0.10	0.48	-0.40
48	Services	0.00	-0.81	-0.11	0.49	-0.20	0.32	0.12
49	Imports	-0.17	1.28	-7.89	-3.73	-1.26	-0.99	-0.87

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
50	Goods	-0.07	0.65	-7.37	-3.04	-1.21	-0.51	0.02
51	Services	-0.11	0.63	-0.52	-0.69	-0.05	-0.48	-0.89
52	Government consumption expenditures and gross investment	0.38	0.43	-0.19	-0.09	0.77	-0.36	0.14
53	Federal	0.25	0.33	-0.32	-0.22	0.78	-0.38	-0.33
54	National defense	0.20	0.11	0.11	0.22	-0.25	-0.04	-0.06
55	Consumption expenditures	0.15	0.06	0.11	0.12	-0.28	-0.09	-0.15
56	Gross investment	0.05	0.05	0.00	0.10	0.03	0.05	0.09
57	Nondefense	0.04	0.21	-0.43	-0.44	1.02	-0.34	-0.27
58	Consumption expenditures	0.03	0.18	-0.60	-0.34	1.07	-0.35	-0.32
59	Gross investment	0.02	0.03	0.17	-0.10	-0.05	0.01	0.04
60	State and local	0.14	0.10	0.13	0.14	-0.01	0.02	0.46
61	Consumption expenditures	0.10	0.04	0.20	-0.05	0.22	0.28	0.59
62	Gross investment	0.03	0.06	-0.07	0.19	-0.23	-0.26	-0.13

Legend / Footnotes:

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

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

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Personal consumption expenditures	118.818	114.325	116.053	117.023	120.234	123.700	124.186
3	Goods	129.834	135.867	141.817	141.709	150.551	155.227	151.535
4	Durable goods	152.916	164.678	177.466	177.974	196.948	202.430	187.639
5	Motor vehicles and parts	132.342	136.648	147.943	148.689	166.710	172.992	142.556
6	Furnishings and durable household equipment	162.714	175.003	186.784	184.063	203.581	203.635	198.167
7	Recreational goods and vehicles	184.135	217.578	233.092	233.379	254.054	261.278	256.408
8	Other durable goods	140.516	138.477	152.099	157.112	174.312	182.895	186.583
9	Nondurable goods	119.834	123.539	126.724	126.370	131.113	135.440	136.301
10	Food and beverages purchased for off-premises consumption	116.648	125.499	126.065	125.013	130.378	131.421	131.423
11	Clothing and footwear	117.786	113.020	124.146	125.068	135.041	146.330	146.160
12	Gasoline and other energy goods	106.094	91.560	95.075	92.032	93.314	100.837	104.197
13	Other nondurable goods	128.451	135.929	139.045	139.634	143.106	147.116	148.244
14	Services	113.956	105.383	105.473	106.847	107.879	110.859	112.975
15	Household consumption expenditures (for services)	114.470	104.603	105.018	106.562	107.843	111.248	113.653
16	Housing and utilities	104.342	105.436	105.758	105.844	106.338	106.412	106.705
17	Health care	123.008	112.657	115.003	118.838	117.537	120.444	122.115
18	Transportation services	133.227	98.847	94.172	95.514	96.792	107.471	117.217
19	Recreation services	117.385	82.075	79.924	81.027	86.142	93.925	97.586
20	Food services and accommodations	120.533	94.077	97.076	95.912	102.971	117.237	120.703
21	Financial services and insurance	102.206	102.488	102.587	104.065	105.267	104.452	105.737
22	Other services	120.548	108.611	106.704	109.857	111.623	115.148	121.230
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	103.652	120.440	114.133	112.183	108.366	103.110	99.725
24	Gross output of nonprofit institutions ²	113.660	110.740	109.928	112.256	110.233	111.396	112.284
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	117.667	106.623	108.048	112.134	110.851	114.670	117.371
26	Gross private domestic investment	133.904	126.489	128.577	135.859	135.074	133.728	137.477
27	Fixed investment	134.140	130.538	130.111	135.526	139.738	140.870	140.600
28	Nonresidential	133.204	126.081	124.941	128.682	132.657	135.616	136.220
29	Structures	117.839	103.075	97.200	95.139	96.393	95.657	93.873
30	Equipment	128.006	117.349	118.633	125.797	130.009	133.788	132.705
31	Information processing equipment	147.802	157.897	164.801	171.018	181.176	177.543	174.890
32	Computers and peripheral equipment	123.270	135.885	141.591	147.681	162.083	145.095	146.687
33	Other	159.430	167.980	175.459	181.661	189.318	193.236	188.212
34	Industrial equipment	113.895	108.306	108.202	113.078	115.050	123.534	126.868
35	Transportation equipment	137.025	88.856	82.892	96.954	98.743	109.660	104.177
36	Other equipment	108.172	106.432	109.779	113.480	115.585	116.517	116.674
37	Intellectual property products	152.960	157.291	156.740	160.600	166.532	171.514	176.528
38	Software ⁴	171.944	184.619	185.060	189.683	201.107	207.864	215.571
39	Research and development ⁵	145.108	146.374	145.825	149.638	153.154	157.276	160.903
40	Entertainment, literary, and artistic originals	121.800	113.446	109.746	111.175	111.170	114.423	117.458
41	Residential	140.445	150.001	152.256	163.935	169.119	163.936	160.699
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	115.163	99.543	97.680	102.765	102.013	103.899	103.237
47	Goods	116.929	105.048	105.174	111.343	110.938	112.674	111.207
48	Services	111.846	89.698	84.489	87.692	86.338	88.505	89.334
49	Imports	124.913	113.756	115.101	123.202	125.968	128.143	130.039
50	Goods	127.095	119.927	123.113	131.490	134.859	136.290	136.244
51	Services	114.983	89.021	83.545	90.466	90.958	95.906	105.124

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	104.561	107.133	107.134	107.000	108.113	107.566	107.770
53	Federal	99.241	104.169	104.861	104.026	106.855	105.415	104.149
54	National defense	95.621	98.373	98.459	99.733	98.248	97.986	97.644
55	Consumption expenditures	95.273	97.070	97.219	98.090	96.040	95.349	94.231
56	Gross investment	97.131	103.844	103.673	106.613	107.479	109.008	111.920
57	Nondefense	105.470	113.997	115.691	111.385	121.328	117.941	115.144
58	Consumption expenditures	103.085	112.845	113.890	109.413	123.355	118.663	114.359
59	Gross investment	112.617	117.421	121.062	117.270	115.190	115.737	117.489
60	State and local	108.220	109.217	108.758	109.092	109.062	109.105	110.278
61	Consumption expenditures	107.903	108.366	108.144	107.982	108.644	109.497	111.330
62	Gross investment	109.659	113.070	111.538	114.116	110.942	107.322	105.524

Legend / Footnotes:

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

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

[Index numbers, 2012= 100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
2	Personal consumption expenditures	109.922	111.225	111.507	111.928	112.989	114.772	116.252
3	Goods	94.832	94.160	94.361	94.437	95.790	97.948	99.688
4	Durable goods	86.488	85.784	86.404	86.452	86.946	90.394	92.497
5	Motor vehicles and parts	98.031	99.873	101.752	102.332	102.307	110.738	116.218
6	Furnishings and durable household equipment	87.175	87.845	88.450	88.928	89.414	91.670	93.371
7	Recreational goods and vehicles	73.310	70.191	70.072	69.875	70.585	71.268	71.698
8	Other durable goods	85.161	82.813	82.622	81.483	82.457	83.970	84.149
9	Nondurable goods	99.249	98.602	98.553	98.646	100.556	101.799	103.278
10	Food and beverages purchased for off-premises consumption	104.442	107.976	108.688	108.701	108.903	110.001	112.070
11	Clothing and footwear	97.921	92.892	91.983	91.621	93.695	94.411	95.124
12	Gasoline and other energy goods	75.421	63.873	61.630	64.352	76.876	81.840	86.769
13	Other nondurable goods	106.046	107.117	107.429	106.965	107.065	107.493	107.675
14	Services	117.836	120.302	120.624	121.267	122.109	123.593	124.865
15	Household consumption expenditures (for services)	117.539	120.010	120.338	120.943	121.773	123.173	124.298
16	Housing and utilities	122.323	125.603	125.901	126.604	127.297	128.433	129.738
17	Health care	109.723	112.506	113.121	113.538	115.121	115.544	115.998
18	Transportation services	109.011	107.809	106.768	108.453	108.239	114.017	115.481
19	Recreation services	115.346	117.807	117.762	118.817	119.161	121.165	122.547
20	Food services and accommodations	118.666	120.865	121.283	122.211	122.414	124.512	127.216
21	Financial services and insurance	137.955	140.475	140.840	141.333	142.335	144.769	145.391
22	Other services	109.644	111.412	111.720	111.875	112.206	113.110	114.203
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	124.255	126.624	126.786	128.162	129.252	132.533	137.178
24	Gross output of nonprofit institutions ²	116.946	120.116	120.666	121.429	122.722	124.039	125.645
25	Less: Receipts from sales of goods and services by nonprofit institutions ³	114.301	117.778	118.483	118.996	120.367	120.982	121.570
26	Gross private domestic investment	108.906	110.212	110.490	111.000	111.777	112.574	114.130
27	Fixed investment	109.684	111.052	111.316	111.850	112.864	114.105	115.955
28	Nonresidential	104.137	104.813	104.895	105.005	105.203	105.429	106.511
29	Structures	119.058	120.852	120.919	121.071	122.237	124.882	128.020
30	Equipment	97.816	97.388	97.309	96.780	97.318	96.536	97.670
31	Information processing equipment	80.452	79.137	79.161	78.961	78.653	78.532	78.775
32	Computers and peripheral equipment	93.317	91.032	91.327	90.847	91.095	91.498	92.656
33	Other	75.691	74.727	74.653	74.557	74.039	73.727	73.650
34	Industrial equipment	104.706	105.645	105.659	106.105	107.318	109.132	111.268
35	Transportation equipment	108.574	107.686	107.001	103.872	105.870	97.791	98.310
36	Other equipment	108.671	109.211	109.257	109.210	109.762	111.270	113.783
37	Intellectual property products	103.172	104.574	104.853	105.688	105.069	105.464	105.642
38	Software ⁴	91.428	90.267	90.087	90.294	88.503	88.639	88.393
39	Research and development ⁵	113.097	117.191	118.122	119.678	120.070	120.608	121.048
40	Entertainment, literary, and artistic originals	108.401	109.835	109.212	109.756	111.058	112.328	113.874
41	Residential	134.145	138.541	139.594	141.817	146.010	151.291	156.323
42	Change in private inventories	---	---	---	---	---	---	---
43	Farm	---	---	---	---	---	---	---
44	Nonfarm	---	---	---	---	---	---	---
45	Net exports of goods and services	---	---	---	---	---	---	---
46	Exports	98.660	96.188	96.164	97.622	102.383	107.030	109.495
47	Goods	91.792	88.162	88.061	89.550	95.001	100.477	103.209
48	Services	114.082	114.517	114.692	116.022	118.607	120.689	122.298
49	Imports	90.078	88.075	88.098	88.585	91.385	94.312	95.674
50	Goods	86.389	83.963	83.984	84.351	87.335	90.290	91.572
51	Services	109.262	109.820	109.803	111.111	112.380	114.876	116.675

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	113.246	114.861	114.921	115.768	117.292	119.031	120.613
53	Federal	110.781	112.018	112.269	112.959	114.065	115.228	116.539
54	National defense	108.865	110.039	110.264	110.939	112.152	113.335	114.595
55	Consumption expenditures	109.830	110.961	111.199	111.847	113.262	114.511	115.898
56	Gross investment	104.965	106.299	106.481	107.251	107.732	108.677	109.502
57	Nondefense	113.775	115.108	115.403	116.118	117.070	118.207	119.593
58	Consumption expenditures	115.755	116.920	117.218	117.878	118.935	120.147	121.579
59	Gross investment	108.244	110.018	110.308	111.168	111.822	112.740	113.998
60	State and local	114.863	116.725	116.659	117.611	119.416	121.544	123.305
61	Consumption expenditures	114.736	116.682	116.519	117.593	119.419	121.425	122.996
62	Gross investment	115.435	116.921	117.285	117.706	119.416	122.101	124.760

Legend / Footnotes:

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

Table 1.5.5. Gross Domestic Product, Expanded Detail

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Personal consumption expenditures	14,428.7	14,047.6	14,293.8	14,467.6	15,005.4	15,681.7	15,946.2
3	Goods	4,478.9	4,653.8	4,867.2	4,867.3	5,245.0	5,529.8	5,494.2
4	Durable goods	1,513.3	1,616.4	1,753.3	1,759.2	1,957.8	2,092.2	1,984.4
5	Motor vehicles and parts	514.5	541.3	595.8	602.1	674.9	758.1	655.6
6	Furnishings and durable household equipment	360.2	390.4	419.3	415.4	461.9	473.7	469.5
7	Recreational goods and vehicles	420.9	476.2	509.5	508.7	559.4	580.8	573.4
8	Other durable goods	217.6	208.5	228.8	233.1	261.7	279.6	285.8
9	Nondurable goods	2,965.6	3,037.4	3,113.9	3,108.1	3,287.2	3,437.6	3,509.8
10	Food and beverages purchased for off-premises consumption	1,030.9	1,146.7	1,159.5	1,150.0	1,201.5	1,223.4	1,246.4
11	Clothing and footwear	398.2	362.4	394.2	395.6	436.8	477.0	480.0
12	Gasoline and other energy goods	337.6	246.8	245.4	247.9	300.3	345.5	378.5
13	Other nondurable goods	1,198.9	1,281.5	1,314.7	1,314.6	1,348.5	1,391.9	1,404.9
14	Services	9,949.8	9,393.7	9,426.6	9,600.4	9,760.4	10,151.9	10,452.1
15	Household consumption expenditures (for services)	9,509.9	8,872.9	8,932.1	9,109.0	9,281.7	9,684.8	9,984.5
16	Housing and utilities	2,571.5	2,668.1	2,682.6	2,699.7	2,727.2	2,753.4	2,789.1
17	Health care	2,458.2	2,308.4	2,369.2	2,457.2	2,464.2	2,534.4	2,579.7
18	Transportation services	495.3	363.4	342.5	352.8	356.8	417.3	461.0
19	Recreation services	583.3	416.5	405.7	415.0	442.5	490.5	515.5
20	Food services and accommodations	1,008.3	801.5	829.8	826.1	888.3	1,028.7	1,082.2
21	Financial services and insurance	1,171.6	1,196.3	1,200.5	1,222.0	1,244.9	1,256.4	1,277.3
22	Other services	1,221.8	1,118.5	1,102.0	1,136.1	1,157.8	1,204.0	1,279.8
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	439.9	520.9	494.6	491.4	478.7	467.1	467.6
24	Gross output of nonprofit institutions 2	1,643.6	1,644.8	1,640.2	1,685.5	1,672.7	1,708.5	1,744.4
25	Less: Receipts from sales of goods and services by nonprofit institutions 3	1,203.7	1,123.9	1,145.6	1,194.1	1,194.0	1,241.5	1,276.9
26	Gross private domestic investment	3,826.3	3,637.8	3,708.8	3,923.2	3,928.0	3,925.1	4,089.8
27	Fixed investment	3,752.6	3,697.4	3,693.8	3,865.9	4,022.2	4,099.4	4,157.8
28	Nonresidential	2,938.7	2,799.6	2,776.6	2,862.7	2,956.7	3,029.2	3,073.9
29	Structures	672.6	597.2	563.5	552.3	565.0	572.8	576.2
30	Equipment	1,231.3	1,123.9	1,135.5	1,197.5	1,244.5	1,270.4	1,274.9
31	Information processing equipment	393.9	413.9	432.2	447.3	472.1	461.9	456.4
32	Computers and peripheral equipment	119.1	128.1	133.9	138.9	152.8	137.4	140.7
33	Other	274.8	285.8	298.3	308.5	319.2	324.5	315.7
34	Industrial equipment	251.9	241.7	241.5	253.4	260.8	284.7	298.1
35	Transportation equipment	320.3	206.0	191.2	217.1	225.4	231.2	220.8
36	Other equipment	265.3	262.3	270.7	279.7	286.3	292.6	299.6
37	Intellectual property products	1,034.8	1,078.5	1,077.6	1,112.9	1,147.2	1,186.0	1,222.7
38	Software 4	427.7	453.4	453.6	466.0	484.2	501.3	518.4
39	Research and development 5	514.4	537.7	539.9	561.3	576.3	594.5	610.4
40	Entertainment, literary, and artistic originals	92.7	87.4	84.1	85.6	86.7	90.2	93.9
41	Residential	813.9	897.8	917.2	1,003.2	1,065.5	1,070.2	1,084.0
42	Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
43	Farm	-15.3	-6.0	-3.6	-2.2	-3.3	-4.6	-7.5
44	Nonfarm	88.9	-53.6	18.6	59.4	-90.9	-169.7	-60.6
45	Net exports of goods and services	-596.3	-651.2	-725.7	-798.4	-872.5	-881.7	-939.5
46	Exports	2,519.7	2,123.4	2,079.6	2,220.7	2,311.9	2,461.5	2,502.2
47	Goods	1,641.7	1,416.6	1,413.0	1,520.8	1,607.5	1,726.8	1,750.6
48	Services	878.0	706.8	666.6	699.9	704.4	734.8	751.5
49	Imports	3,116.0	2,774.6	2,805.3	3,019.1	3,184.5	3,343.2	3,441.7
50	Goods	2,517.9	2,309.2	2,368.8	2,540.8	2,698.1	2,819.0	2,858.0
51	Services	598.1	465.4	436.5	478.3	486.4	524.2	583.6

Table 1.5.5. Gross Domestic Product, Expanded Detail

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	3,713.9	3,859.5	3,861.7	3,885.3	3,977.3	4,015.9	4,077.0
53	Federal	1,414.9	1,501.8	1,515.1	1,512.3	1,568.6	1,563.3	1,562.1
54	National defense	847.5	881.3	883.9	900.8	897.1	904.1	911.0
55	Consumption expenditures	680.5	700.5	703.0	713.5	707.4	710.0	710.2
56	Gross investment	167.0	180.9	180.8	187.3	189.7	194.1	200.8
57	Nondefense	567.4	620.5	631.3	611.5	671.6	659.2	651.1
58	Consumption expenditures	416.9	461.0	466.4	450.6	512.6	498.1	485.7
59	Gross investment	150.5	159.5	164.8	160.9	159.0	161.1	165.3
60	State and local	2,299.0	2,357.8	2,346.5	2,373.0	2,408.7	2,452.6	2,514.9
61	Consumption expenditures	1,876.5	1,916.5	1,909.9	1,924.7	1,966.5	2,015.3	2,075.5
62	Gross investment	422.5	441.2	436.6	448.3	442.2	437.3	439.4

Legend / Footnotes:

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Personal consumption expenditures	13,126.3	12,629.9	12,820.8	12,927.9	13,282.7	13,665.6	13,719.3
3	Goods	4,723.0	4,942.5	5,158.9	5,155.0	5,476.6	5,646.7	5,512.4
4	Durable goods	1,749.7	1,884.3	2,030.6	2,036.4	2,253.5	2,316.2	2,147.0
5	Motor vehicles and parts	524.9	542.0	586.8	589.7	661.2	686.1	565.4
6	Furnishings and durable household equipment	413.2	444.4	474.3	467.4	517.0	517.1	503.2
7	Recreational goods and vehicles	574.2	678.5	726.8	727.7	792.2	814.7	799.5
8	Other durable goods	255.5	251.8	276.6	285.7	317.0	332.6	339.3
9	Nondurable goods	2,988.1	3,080.5	3,159.9	3,151.1	3,269.3	3,377.2	3,398.7
10	Food and beverages purchased for off-premises consumption	987.1	1,062.0	1,066.8	1,057.9	1,103.3	1,112.1	1,112.1
11	Clothing and footwear	406.6	390.2	428.6	431.8	466.2	505.2	504.6
12	Gasoline and other energy goods	447.6	386.3	401.2	388.3	393.7	425.5	439.6
13	Other nondurable goods	1,130.6	1,196.4	1,223.8	1,229.0	1,259.6	1,294.9	1,304.8
14	Services	8,443.7	7,808.5	7,815.2	7,917.0	7,993.4	8,214.3	8,371.0
15	Household consumption expenditures (for services)	8,090.8	7,393.5	7,422.8	7,531.9	7,622.4	7,863.1	8,033.1
16	Housing and utilities	2,102.2	2,124.3	2,130.7	2,132.5	2,142.4	2,143.9	2,149.8
17	Health care	2,240.3	2,051.8	2,094.5	2,164.4	2,140.7	2,193.6	2,224.1
18	Transportation services	454.4	337.1	321.2	325.8	330.1	366.5	399.8
19	Recreation services	505.7	353.6	344.3	349.0	371.1	404.6	420.4
20	Food services and accommodations	849.7	663.2	684.3	676.1	725.9	826.4	850.9
21	Financial services and insurance	849.3	851.6	852.4	864.7	874.7	867.9	878.6
22	Other services	1,114.3	1,004.0	986.3	1,015.5	1,031.8	1,064.4	1,120.6
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs) 1	354.0	411.4	389.8	383.2	370.1	352.2	340.6
24	Gross output of nonprofit institutions 2	1,405.4	1,369.3	1,359.3	1,388.1	1,363.0	1,377.4	1,388.4
25	Less: Receipts from sales of goods and services by nonprofit institutions 3	1,053.1	954.2	967.0	1,003.6	992.1	1,026.3	1,050.4
26	Gross private domestic investment	3,510.6	3,316.2	3,371.0	3,561.9	3,541.3	3,506.0	3,604.3
27	Fixed investment	3,421.3	3,329.4	3,318.5	3,456.6	3,564.1	3,593.0	3,586.1
28	Nonresidential	2,822.0	2,671.1	2,646.9	2,726.2	2,810.4	2,873.1	2,885.8
29	Structures	565.0	494.2	466.0	456.1	462.1	458.6	450.1
30	Equipment	1,258.8	1,154.0	1,166.6	1,237.1	1,278.5	1,315.7	1,305.0
31	Information processing equipment	489.6	523.0	545.9	566.5	600.1	588.1	579.3
32	Computers and peripheral equipment 4	127.6	140.7	146.6	152.9	167.8	150.2	151.9
33	Other	363.0	382.5	399.5	413.7	431.1	440.0	428.6
34	Industrial equipment	240.6	228.8	228.5	238.8	243.0	260.9	268.0
35	Transportation equipment	295.0	191.3	178.5	208.7	212.6	236.1	224.3
36	Other equipment	244.1	240.2	247.7	256.1	260.8	262.9	263.3
37	Intellectual property products	1,002.9	1,031.3	1,027.7	1,053.0	1,091.9	1,124.6	1,157.5
38	Software 5	467.8	502.3	503.5	516.1	547.1	565.5	586.5
39	Research and development 6	454.8	458.8	457.1	469.0	480.1	493.0	504.3
40	Entertainment, literary, and artistic originals	85.5	79.6	77.0	78.0	78.0	80.3	82.4
41	Residential	606.7	648.0	657.8	708.2	730.6	708.2	694.2
42	Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
43	Farm	-17.2	-7.7	-2.1	-3.9	-15.7	-22.7	-28.6
44	Nonfarm	89.0	-35.3	26.4	90.2	-74.4	-147.7	-53.7
45	Net exports of goods and services	-905.3	-942.7	-1,021.3	-1,132.8	-1,226.1	-1,244.5	-1,311.7
46	Exports	2,554.0	2,207.6	2,166.3	2,279.0	2,262.3	2,304.2	2,289.5
47	Goods	1,788.5	1,606.8	1,608.7	1,703.1	1,696.9	1,723.5	1,701.0
48	Services	769.6	617.2	581.4	603.4	594.1	609.0	614.7
49	Imports	3,459.2	3,150.3	3,187.5	3,411.8	3,488.4	3,548.7	3,601.2
50	Goods	2,914.6	2,750.2	2,823.3	3,015.4	3,092.7	3,125.5	3,124.4
51	Services	547.4	423.8	397.7	430.7	433.0	456.6	500.4

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Government consumption expenditures and gross investment	3,279.5	3,360.2	3,360.2	3,356.0	3,390.9	3,373.8	3,380.2
53	Federal	1,277.2	1,340.7	1,349.6	1,338.8	1,375.2	1,356.7	1,340.4
54	National defense	778.5	800.9	801.6	812.0	799.9	797.8	795.0
55	Consumption expenditures	619.6	631.3	632.2	637.9	624.6	620.1	612.8
56	Gross investment	159.1	170.1	169.9	174.7	176.1	178.6	183.4
57	Nondefense	498.7	539.0	547.0	526.7	573.7	557.7	544.4
58	Consumption expenditures	360.2	394.3	397.9	382.3	431.0	414.6	399.6
59	Gross investment	139.0	145.0	149.5	144.8	142.2	142.9	145.0
60	State and local	2,001.5	2,019.9	2,011.4	2,017.6	2,017.1	2,017.9	2,039.6
61	Consumption expenditures	1,635.5	1,642.5	1,639.2	1,636.7	1,646.7	1,659.7	1,687.4
62	Gross investment	366.0	377.4	372.2	380.9	370.3	358.2	352.2
63	Residual	-72.7	-101.2	-146.6	-123.8	-121.4	-148.2	-127.9

Legend / Footnotes:

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

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

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

4. The quantity index for computers can be used to accurately measure the real growth of this component. However, because computers exhibit rapid changes in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series; accurate estimates of these contributions are shown in table 1.5.2 and real growth rates are shown in table 1.5.1.

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

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

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

Table 1.6.4. Price Indexes for Gross Domestic Purchases

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic purchases	110.326	111.682	111.924	112.434	113.523	115.130	116.640
2	Personal consumption expenditures	109.922	111.225	111.507	111.928	112.989	114.772	116.252
3	Goods	94.832	94.160	94.361	94.437	95.790	97.948	99.688
4	Durable goods	86.488	85.784	86.404	86.452	86.946	90.394	92.497
5	Motor vehicles and parts	98.031	99.873	101.752	102.332	102.307	110.738	116.218
6	Furnishings and durable household equipment	87.175	87.845	88.450	88.928	89.414	91.670	93.371
7	Recreational goods and vehicles	73.310	70.191	70.072	69.875	70.585	71.268	71.698
8	Other durable goods	85.161	82.813	82.622	81.483	82.457	83.970	84.149
9	Nondurable goods	99.249	98.602	98.553	98.646	100.556	101.799	103.278
10	Food and beverages purchased for off-premises consumption	104.442	107.976	108.688	108.701	108.903	110.001	112.070
11	Clothing and footwear	97.921	92.892	91.983	91.621	93.695	94.411	95.124
12	Gasoline and other energy goods	75.421	63.873	61.630	64.352	76.876	81.840	86.769
13	Other nondurable goods	106.046	107.117	107.429	106.965	107.065	107.493	107.675
14	Services	117.836	120.302	120.624	121.267	122.109	123.593	124.865
15	Household consumption expenditures	117.539	120.010	120.338	120.943	121.773	123.173	124.298
16	Housing and utilities	122.323	125.603	125.901	126.604	127.297	128.433	129.738
17	Health care	109.723	112.506	113.121	113.538	115.121	115.544	115.998
18	Transportation services	109.011	107.809	106.768	108.453	108.239	114.017	115.481
19	Recreation services	115.346	117.807	117.762	118.817	119.161	121.165	122.547
20	Food services and accommodations	118.666	120.865	121.283	122.211	122.414	124.512	127.216
21	Financial services and insurance	137.955	140.475	140.840	141.333	142.335	144.769	145.391
22	Other services	109.644	111.412	111.720	111.875	112.206	113.110	114.203
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	124.255	126.624	126.786	128.162	129.252	132.533	137.178
24	Gross private domestic investment	108.906	110.212	110.490	111.000	111.777	112.574	114.130
25	Fixed investment	109.684	111.052	111.316	111.850	112.864	114.105	115.955
26	Nonresidential	104.137	104.813	104.895	105.005	105.203	105.429	106.511
27	Structures	119.058	120.852	120.919	121.071	122.237	124.882	128.020
28	Equipment	97.816	97.388	97.309	96.780	97.318	96.536	97.670
29	Information processing equipment	80.452	79.137	79.161	78.961	78.653	78.532	78.775
30	Computers and peripheral equipment	93.317	91.032	91.327	90.847	91.095	91.498	92.656
31	Other	75.691	74.727	74.653	74.557	74.039	73.727	73.650
32	Industrial equipment	104.706	105.645	105.659	106.105	107.318	109.132	111.268
33	Transportation equipment	108.574	107.686	107.001	103.872	105.870	97.791	98.310
34	Other equipment	108.671	109.211	109.257	109.210	109.762	111.270	113.783
35	Intellectual property products	103.172	104.574	104.853	105.688	105.069	105.464	105.642
36	Software ¹	91.428	90.267	90.087	90.294	88.503	88.639	88.393
37	Research and development	113.097	117.191	118.122	119.678	120.070	120.608	121.048
38	Entertainment, literary, and artistic originals	108.401	109.835	109.212	109.756	111.058	112.328	113.874
39	Residential	134.145	138.541	139.594	141.817	146.010	151.291	156.323
40	Change in private inventories	---	---	---	---	---	---	---
41	Farm	---	---	---	---	---	---	---
42	Nonfarm	---	---	---	---	---	---	---
43	Government consumption expenditures and gross investment	113.246	114.861	114.921	115.768	117.292	119.031	120.613
44	Federal	110.781	112.018	112.269	112.959	114.065	115.228	116.539
45	National defense	108.865	110.039	110.264	110.939	112.152	113.335	114.595
46	Consumption expenditures	109.830	110.961	111.199	111.847	113.262	114.511	115.898
47	Gross investment	104.965	106.299	106.481	107.251	107.732	108.677	109.502
48	Nondefense	113.775	115.108	115.403	116.118	117.070	118.207	119.593
49	Consumption expenditures	115.755	116.920	117.218	117.878	118.935	120.147	121.579
50	Gross investment	108.244	110.018	110.308	111.168	111.822	112.740	113.998
51	State and local	114.863	116.725	116.659	117.611	119.416	121.544	123.305

Table 1.6.4. Price Indexes for Gross Domestic Purchases

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Consumption expenditures	114.736	116.682	116.519	117.593	119.419	121.425	122.996
53	Gross investment	115.435	116.921	117.285	117.706	119.416	122.101	124.760
	Addenda:							
54	Final sales of computers to domestic purchasers ²	82.657	80.425	80.654	79.982	80.222	81.546	82.816
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	110.606	112.006	112.248	112.774	113.875	115.484	116.996
56	Food ³	103.951	107.526	108.235	108.341	108.326	108.769	110.839
57	Energy goods and services	85.348	77.950	76.501	78.764	86.841	91.126	95.230
58	Gross domestic purchases excluding food and energy	111.741	113.295	113.570	114.047	114.962	116.544	117.930
59	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
60	Gross domestic product excluding final sales of computers	112.516	114.003	114.252	114.891	116.109	117.824	119.471
61	Food ³	100.627	104.439	104.844	106.160	107.327	108.329	110.196
62	Energy goods and services	101.759	93.321	92.476	94.746	103.335	107.974	115.117
63	Gross domestic product excluding food and energy	113.280	114.930	115.198	115.729	116.708	118.375	119.822
64	Final sales of domestic product	112.429	113.902	114.143	114.775	116.034	117.833	119.531
65	Final sales to domestic purchasers	110.459	111.826	112.066	112.580	113.711	115.392	116.953
66	Implicit price deflator for gross domestic purchases	110.340	111.594	111.832	112.269	113.357	115.003	116.507

Legend / Footnotes:

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

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic purchases	1.5	1.2	3.3	1.8	3.9	5.8	5.4
2	Personal consumption expenditures	1.5	1.2	3.7	1.5	3.8	6.5	5.3
3	Goods	-0.5	-0.7	4.9	0.3	5.9	9.3	7.3
4	Durable goods	-1.2	-0.8	7.6	0.2	2.3	16.8	9.6
5	Motor vehicles and parts	0.3	1.9	18.5	2.3	-0.1	37.3	21.3
6	Furnishings and durable household equipment	0.7	0.8	6.7	2.2	2.2	10.5	7.6
7	Recreational goods and vehicles	-4.1	-4.3	1.4	-1.1	4.1	3.9	2.4
8	Other durable goods	-2.2	-2.8	-2.5	-5.4	4.9	7.5	0.9
9	Nondurable goods	-0.1	-0.7	3.5	0.4	8.0	5.0	5.9
10	Food and beverages purchased for off-premises consumption	1.0	3.4	-1.3	0.0	0.7	4.1	7.7
11	Clothing and footwear	-1.4	-5.1	4.6	-1.6	9.4	3.1	3.1
12	Gasoline and other energy goods	-3.5	-15.3	52.1	18.9	103.7	28.4	26.4
13	Other nondurable goods	0.4	1.0	1.3	-1.7	0.4	1.6	0.7
14	Services	2.4	2.1	3.1	2.1	2.8	5.0	4.2
15	Household consumption expenditures	2.3	2.1	2.9	2.0	2.8	4.7	3.7
16	Housing and utilities	3.0	2.7	1.9	2.3	2.2	3.6	4.1
17	Health care	1.8	2.5	3.3	1.5	5.7	1.5	1.6
18	Transportation services	2.0	-1.1	-1.0	6.5	-0.8	23.1	5.2
19	Recreation services	2.0	2.1	0.3	3.6	1.2	6.9	4.6
20	Food services and accommodations	2.8	1.9	4.5	3.1	0.7	7.0	9.0
21	Financial services and insurance	2.9	1.8	6.0	1.4	2.9	7.0	1.7
22	Other services	1.4	1.6	2.4	0.6	1.2	3.3	3.9
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	3.3	1.9	5.3	4.4	3.4	10.5	14.8
24	Gross private domestic investment	1.6	1.2	2.8	1.9	2.8	2.9	5.6
25	Fixed investment	1.6	1.2	2.2	1.9	3.7	4.5	6.6
26	Nonresidential	1.3	0.6	0.1	0.4	0.8	0.9	4.2
27	Structures	4.1	1.5	1.0	0.5	3.9	8.9	10.4
28	Equipment	0.1	-0.4	-1.7	-2.2	2.2	-3.2	4.8
29	Information processing equipment	-2.7	-1.6	0.2	-1.0	-1.6	-0.6	1.2
30	Computers and peripheral equipment	-3.3	-2.4	0.4	-2.1	1.1	1.8	5.2
31	Other	-2.4	-1.3	0.2	-0.5	-2.8	-1.7	-0.4
32	Industrial equipment	1.5	0.9	1.1	1.7	4.7	6.9	8.1
33	Transportation equipment	0.7	-0.8	-11.2	-11.2	7.9	-27.2	2.1
34	Other equipment	2.5	0.5	-0.2	-0.2	2.0	5.6	9.3
35	Intellectual property products	0.9	1.4	1.6	3.2	-2.3	1.5	0.7
36	Software ¹	-0.4	-1.3	-1.3	0.9	-7.7	0.6	-1.1
37	Research and development	2.0	3.6	5.6	5.4	1.3	1.8	1.5
38	Entertainment, literary, and artistic originals	1.0	1.3	-6.1	2.0	4.8	4.7	5.6
39	Residential	2.9	3.3	9.3	6.5	12.4	15.3	14.0
40	Change in private inventories	---	---	---	---	---	---	---
41	Farm	---	---	---	---	---	---	---
42	Nonfarm	---	---	---	---	---	---	---
43	Government consumption expenditures and gross investment	1.7	1.4	2.4	3.0	5.4	6.1	5.4
44	Federal	1.8	1.1	3.0	2.5	4.0	4.1	4.6
45	National defense	1.6	1.1	3.6	2.5	4.4	4.3	4.5
46	Consumption expenditures	1.7	1.0	3.9	2.4	5.2	4.5	4.9
47	Gross investment	1.2	1.3	2.2	2.9	1.8	3.6	3.1
48	Nondefense	2.2	1.2	2.2	2.5	3.3	3.9	4.8
49	Consumption expenditures	2.3	1.0	2.4	2.3	3.6	4.1	4.9
50	Gross investment	1.8	1.6	1.9	3.2	2.4	3.3	4.5
51	State and local	1.7	1.6	2.0	3.3	6.3	7.3	5.9

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Consumption expenditures	1.4	1.7	1.5	3.7	6.4	6.9	5.3
53	Gross investment	3.0	1.3	3.8	1.4	5.9	9.3	9.0
	Addenda:							
54	Final sales of computers to domestic purchasers ²	-3.6	-2.7	-1.2	-3.3	1.2	6.8	6.4
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	1.6	1.3	3.3	1.9	4.0	5.8	5.3
56	Food ³	1.0	3.4	-1.2	0.4	-0.1	1.6	7.8
57	Energy goods and services	-2.2	-8.7	25.4	12.4	47.8	21.2	19.3
58	Gross domestic purchases excluding food and energy	1.7	1.4	3.1	1.7	3.2	5.6	4.8
59	Gross domestic product	1.8	1.3	3.6	2.2	4.3	6.1	5.7
60	Gross domestic product excluding final sales of computers	1.8	1.3	3.7	2.3	4.3	6.0	5.7
61	Food ³	1.1	3.8	-0.4	5.1	4.5	3.8	7.1
62	Energy goods and services	-2.3	-8.3	30.7	10.2	41.5	19.2	29.2
63	Gross domestic product excluding food and energy	1.9	1.5	3.2	1.9	3.4	5.8	5.0
64	Final sales of domestic product	1.8	1.3	3.5	2.2	4.5	6.3	5.9
65	Final sales to domestic purchasers	1.5	1.2	3.2	1.8	4.1	6.0	5.5
66	Final sales to private domestic purchasers	1.5	1.2	3.4	1.6	3.8	6.0	5.5
67	Implicit price deflator for gross domestic purchases ⁴	1.6	1.1	3.3	1.6	3.9	5.9	5.3

Legend / Footnotes:

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Gross domestic purchases	1.5	1.2	3.3	1.8	3.9	5.8	5.4
	Percentage points at annual rates:							
2	Personal consumption expenditures	0.97	0.78	2.39	1.00	2.51	4.23	3.48
3	Goods	-0.10	-0.15	1.07	0.08	1.29	2.11	1.67
4	Durable goods	-0.08	-0.06	0.56	0.02	0.19	1.38	0.81
5	Motor vehicles and parts	0.01	0.05	0.44	0.06	0.00	1.00	0.59
6	Furnishings and durable household equipment	0.01	0.01	0.12	0.04	0.04	0.20	0.15
7	Recreational goods and vehicles	-0.08	-0.09	0.03	-0.03	0.10	0.10	0.06
8	Other durable goods	-0.02	-0.03	-0.02	-0.06	0.05	0.09	0.01
9	Nondurable goods	-0.01	-0.09	0.51	0.06	1.10	0.73	0.86
10	Food and beverages purchased for off-premises consumption	0.05	0.17	-0.07	0.00	0.04	0.21	0.39
11	Clothing and footwear	-0.03	-0.09	0.07	-0.03	0.17	0.06	0.06
12	Gasoline and other energy goods	-0.06	-0.22	0.43	0.19	0.87	0.35	0.36
13	Other nondurable goods	0.02	0.06	0.08	-0.10	0.02	0.10	0.04
14	Services	1.07	0.92	1.32	0.92	1.21	2.12	1.81
15	Household consumption expenditures	1.00	0.88	1.18	0.82	1.14	1.91	1.54
16	Housing and utilities	0.35	0.32	0.24	0.27	0.27	0.43	0.48
17	Health care	0.20	0.28	0.33	0.16	0.61	0.16	0.17
18	Transportation services	0.04	-0.02	-0.01	0.10	-0.01	0.35	0.10
19	Recreation services	0.05	0.05	0.01	0.07	0.02	0.14	0.10
20	Food services and accommodations	0.13	0.08	0.15	0.11	0.03	0.29	0.39
21	Financial services and insurance	0.15	0.10	0.33	0.08	0.16	0.38	0.10
22	Other services	0.08	0.09	0.12	0.03	0.06	0.17	0.20
23	Final consumption expenditures of nonprofit institutions serving households (NPISHs)	0.07	0.04	0.14	0.10	0.08	0.21	0.28
24	Gross private domestic investment	0.28	0.21	0.45	0.32	0.50	0.52	0.95
25	Fixed investment	0.28	0.21	0.39	0.33	0.64	0.80	1.14
26	Nonresidential	0.17	0.09	0.02	0.06	0.10	0.13	0.54
27	Structures	0.12	0.04	0.03	0.01	0.10	0.21	0.24
28	Equipment	0.01	-0.02	-0.09	-0.11	0.12	-0.16	0.26
29	Information processing equipment	-0.05	-0.03	0.01	-0.02	-0.03	-0.01	0.02
30	Computers and peripheral equipment	-0.02	-0.01	0.00	-0.01	0.01	0.01	0.03
31	Other	-0.03	-0.02	0.00	-0.01	-0.04	-0.02	0.00
32	Industrial equipment	0.02	0.01	0.01	0.02	0.05	0.08	0.10
33	Transportation equipment	0.01	-0.01	-0.10	-0.11	0.08	-0.30	0.03
34	Other equipment	0.03	0.01	0.00	0.00	0.03	0.07	0.11
35	Intellectual property products	0.04	0.07	0.08	0.16	-0.12	0.08	0.04
36	Software ¹	-0.01	-0.03	-0.03	0.02	-0.17	0.01	-0.02
37	Research and development	0.05	0.09	0.14	0.13	0.03	0.05	0.04
38	Entertainment, literary, and artistic originals	0.00	0.01	-0.03	0.01	0.02	0.02	0.02
39	Residential	0.11	0.13	0.36	0.27	0.54	0.67	0.60
40	Change in private inventories	0.00	-0.01	0.07	-0.01	-0.14	-0.28	-0.19
41	Farm	0.00	0.00	0.00	-0.01	-0.02	-0.04	-0.01
42	Nonfarm	0.00	-0.01	0.07	0.00	-0.12	-0.24	-0.18
43	Government consumption expenditures and gross investment	0.29	0.25	0.44	0.52	0.93	1.04	0.92
44	Federal	0.12	0.07	0.22	0.17	0.27	0.28	0.30
45	National defense	0.06	0.04	0.15	0.10	0.18	0.17	0.17
46	Consumption expenditures	0.05	0.03	0.13	0.07	0.16	0.14	0.15
47	Gross investment	0.01	0.01	0.02	0.02	0.02	0.03	0.03
48	Nondefense	0.06	0.03	0.07	0.07	0.09	0.11	0.13
49	Consumption expenditures	0.04	0.02	0.05	0.05	0.08	0.09	0.10

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
50	Gross investment	0.01	0.01	0.01	0.02	0.02	0.02	0.03
51	State and local	0.17	0.17	0.22	0.35	0.66	0.76	0.61
52	Consumption expenditures	0.12	0.15	0.15	0.32	0.54	0.58	0.45
53	Gross investment	0.06	0.03	0.08	0.03	0.12	0.17	0.16
	Addenda:							
54	Final sales of computers to domestic purchasers ²	-0.03	-0.02	-0.01	-0.03	0.01	0.07	0.06
55	Gross domestic purchases excluding final sales of computers to domestic purchasers	1.58	1.25	3.29	1.87	3.92	5.72	5.29
56	Food ³	0.05	0.17	-0.07	0.02	0.00	0.09	0.39
57	Energy goods and services	-0.06	-0.23	0.55	0.26	0.91	0.49	0.48
58	Gross domestic purchases excluding food and energy	1.56	1.29	2.80	1.56	3.02	5.20	4.48

Legend / Footnotes:

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

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Plus: Income receipts from the rest of the world	0.1	-15.5	56.6	17.9	11.8	5.6	---
3	Less: Income payments to the rest of the world	3.8	-14.8	32.3	11.3	24.8	11.1	---
4	Equals: Gross national product	2.1	-3.6	34.8	4.9	5.9	6.5	---
5	Less: Consumption of fixed capital	3.2	2.8	2.1	3.0	3.4	3.6	3.4
6	Private	3.5	3.0	2.1	3.2	3.6	3.9	3.7
7	Government	1.6	1.8	1.9	2.0	2.0	2.0	2.0
8	General government	1.5	1.7	1.9	2.0	2.0	2.0	2.0
9	Government enterprises	2.2	2.0	2.0	2.0	1.9	1.9	1.8
10	Equals: Net national product	1.9	-4.8	42.9	5.3	6.4	7.1	---
	Addenda:							
11	Gross domestic income (GDI) ¹	2.0	-2.9	24.4	19.6	6.3	2.3	---
12	Average of GDP and GDI ²	2.1	-3.2	29.0	11.9	6.3	4.5	---
13	Gross national income ³	1.8	-3.1	25.4	19.9	5.9	2.2	---
14	Net domestic product	2.1	-4.6	41.7	4.9	6.9	7.4	1.7
15	Net domestic income ⁴	1.8	-4.0	29.7	23.3	6.9	2.1	---
16	Net domestic purchases	2.3	-4.1	46.5	6.7	8.5	7.3	3.0
17	Gross national product, current dollars	3.9	-2.4	39.8	7.0	10.4	13.1	---
18	Gross domestic income, current dollars	3.8	-1.8	29.0	22.0	10.9	8.7	---
19	Average of GDP and GDI, current dollars ⁵	4.0	-2.0	33.8	14.0	10.9	11.0	---

Legend / Footnotes:

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Plus: Income receipts from the rest of the world	126.324	106.802	106.960	111.463	114.607	116.166	---
3	Less: Income payments to the rest of the world	135.560	115.470	114.995	118.124	124.844	128.160	---
4	Equals: Gross national product	116.894	112.711	113.804	115.171	116.834	118.690	---
5	Less: Consumption of fixed capital	121.800	125.153	125.403	126.320	127.369	128.494	129.566
6	Private	125.354	129.061	129.311	130.322	131.491	132.755	133.954
7	Government	106.847	108.731	108.975	109.506	110.057	110.605	111.152
8	General government	105.828	107.651	107.890	108.416	108.965	109.512	110.061
9	Government enterprises	113.952	116.248	116.530	117.094	117.659	118.210	118.747
10	Equals: Net national product	115.998	110.461	111.706	113.154	114.927	116.914	---
	Addenda:							
11	Net domestic product	116.222	110.895	112.131	113.469	115.372	117.442	117.950
12	Net domestic purchases	117.873	113.036	114.707	116.582	118.987	121.101	122.001

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

[Index numbers, 2012= 100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	112.279	113.740	113.984	114.611	115.826	117.546	119.190
2	Plus: Income receipts from the rest of the world	110.889	112.217	112.455	112.944	114.079	115.759	---
3	Less: Income payments to the rest of the world	110.883	112.205	112.442	112.931	114.066	115.745	---
4	Equals: Gross national product	112.261	113.721	113.965	114.591	115.804	117.524	---
5	Less: Consumption of fixed capital	109.498	110.917	111.170	111.849	112.651	114.443	116.656
6	Private	109.129	110.494	110.726	111.410	112.170	113.954	116.226
7	Government	111.287	112.975	113.326	113.983	115.000	116.831	118.736
8	General government	110.583	112.325	112.699	113.371	114.415	116.111	117.902
9	Government enterprises	116.126	117.457	117.658	118.210	119.051	121.782	124.442
10	Equals: Net national product	112.785	114.254	114.497	115.112	116.410	118.114	---
	Addenda:							
11	Net domestic product	112.815	114.285	114.528	115.145	116.445	118.150	119.676
12	Net domestic purchases	110.478	111.822	112.063	112.541	113.686	115.257	116.631

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Plus: Income receipts from the rest of the world	1,160.3	992.9	996.1	1,043.2	1,081.6	1,112.4	---
3	Less: Income payments to the rest of the world	893.9	770.6	769.2	792.5	846.7	882.0	---
4	Equals: Gross national product	21,639.0	21,116.1	21,365.4	21,728.2	22,273.1	22,971.4	---
5	Less: Consumption of fixed capital	3,435.6	3,575.9	3,591.0	3,639.4	3,696.0	3,787.9	3,893.4
6	Private	2,848.6	2,969.6	2,981.5	3,023.3	3,071.2	3,150.1	3,241.9
7	Domestic business	2,248.3	2,338.6	2,345.3	2,372.9	2,401.1	2,455.6	2,524.0
8	Capital consumption allowances	2,712.2	2,754.7	2,757.6	2,781.3	2,844.0	2,873.5	2,904.1
9	Less: Capital consumption adjustment	463.9	416.1	412.3	408.5	442.9	417.9	380.2
10	Households and institutions	600.3	631.0	636.2	650.4	670.1	694.4	718.0
11	Government	586.9	606.4	609.6	616.1	624.7	637.8	651.4
12	General government	506.7	523.5	526.4	532.1	539.8	550.5	561.8
13	Government enterprises	80.3	82.8	83.2	84.0	85.0	87.3	89.6
14	Equals: Net national product	18,203.4	17,540.2	17,774.4	18,088.8	18,577.1	19,183.5	---
15	Less: Statistical discrepancy	-69.7	-170.6	230.0	-495.0	-509.7	-283.4	---
16	Equals: National income	18,273.1	17,710.7	17,544.3	18,583.8	19,086.8	19,466.8	---
	Less:							
17	Corporate profits with inventory valuation and capital consumption adjustments	2,367.8	2,243.8	2,435.4	2,427.5	2,551.4	2,819.2	---
18	Taxes on production and imports less subsidies ¹	1,459.4	773.3	322.9	937.8	1,173.8	930.7	1,103.7
19	Contributions for government social insurance, domestic	1,421.4	1,459.5	1,458.7	1,501.3	1,533.8	1,558.7	1,589.0
20	Net interest and miscellaneous payments on assets	558.2	618.8	623.0	666.1	695.2	693.6	688.8
21	Business current transfer payments (net)	162.3	158.6	165.8	166.3	165.8	166.0	162.4
22	Current surplus of government enterprises ¹	-13.3	-17.5	-17.7	-18.1	-19.3	-15.4	-10.6
23	Plus: Personal income receipts on assets	2,968.0	2,912.1	2,851.7	2,909.6	2,898.8	2,932.1	2,949.6
24	Plus: Personal current transfer receipts	3,139.1	4,241.1	4,369.4	3,729.5	5,982.5	4,329.0	4,106.7
25	Equals: Personal income	18,424.4	19,627.6	19,777.4	19,542.0	21,867.3	20,575.1	20,622.9
	Addenda:							
26	Gross domestic income (GDI)	21,442.2	21,064.3	20,908.5	21,972.6	22,547.9	23,024.3	---
27	Average of GDP and GDI ²	21,407.4	20,979.0	21,023.6	21,725.1	22,293.1	22,882.7	---
28	Gross national income	21,708.7	21,286.6	21,135.4	22,223.2	22,782.7	23,254.7	---
29	Gross national factor income ³	20,100.3	20,372.3	20,664.4	21,137.2	21,462.4	22,173.4	---
30	Net domestic product	17,937.0	17,317.8	17,547.5	17,838.2	18,342.3	18,953.1	19,280.1
31	Net domestic income	18,006.6	17,488.4	17,317.5	18,333.2	18,851.9	19,236.4	---
32	Net national factor income ⁴	16,664.7	16,796.3	17,073.4	17,497.8	17,766.4	18,385.5	---
33	Net domestic purchases	18,533.3	17,969.0	18,273.3	18,636.6	19,214.8	19,834.7	20,219.6
34	Statistical discrepancy as a percentage of GDP	-0.3	-0.8	1.1	-2.3	-2.3	-1.2	---

Legend / Footnotes:

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product (GDP)	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Plus: Income receipts from the rest of the world	1,045.2	883.7	885.0	922.3	948.3	961.2	---
3	Less: Income payments to the rest of the world	806.1	686.7	683.9	702.5	742.4	762.1	---
4	Equals: Gross national product	19,271.9	18,582.3	18,762.5	18,987.9	19,262.1	19,568.1	---
5	Less: Consumption of fixed capital	3,137.6	3,223.9	3,230.4	3,254.0	3,281.0	3,310.0	3,337.6
6	Private	2,610.3	2,687.5	2,692.8	2,713.8	2,738.1	2,764.5	2,789.4
7	Government	527.4	536.7	537.9	540.5	543.3	546.0	548.7
8	General government	458.2	466.1	467.1	469.4	471.8	474.1	476.5
9	Government enterprises	69.1	70.5	70.7	71.0	71.4	71.7	72.0
10	Equals: Net national product	16,136.2	15,365.9	15,539.1	15,740.5	15,987.2	16,263.6	---
	Addenda:							
11	Gross domestic income (GDI) ¹	19,094.7	18,534.8	18,358.8	19,200.3	19,496.4	19,609.7	---
12	Average of GDP and GDI ²	19,063.7	18,459.7	18,459.8	18,984.0	19,276.0	19,489.0	---
13	Gross national income ³	19,334.0	18,732.4	18,560.5	19,420.5	19,702.9	19,809.5	---
14	Net domestic product	15,896.9	15,168.1	15,337.3	15,520.3	15,780.6	16,063.6	16,133.2
15	Net domestic income ⁴	15,958.6	15,317.5	15,136.2	15,951.0	16,219.1	16,303.8	---
16	Net domestic purchases	16,772.8	16,084.5	16,322.4	16,589.2	16,931.4	17,232.1	17,360.2

Legend / Footnotes:

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

Note. Except as noted in footnotes 1, 2 and 3, chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	117.096	113.109	114.192	115.466	117.237	119.160	119.757
2	Less: Exports of goods and services	115.163	99.543	97.680	102.765	102.013	103.899	103.237
3	Plus: Imports of goods and services	124.913	113.756	115.101	123.202	125.968	128.143	130.039
4	Equals: Gross domestic purchases	118.473	114.882	116.337	118.066	120.264	122.227	123.153
5	Plus: Exports of goods and services, command basis ¹	102.985	85.733	83.781	89.061	91.831	96.409	96.732
6	Less: Imports of goods and services, command basis ¹	101.987	89.711	90.507	96.964	101.293	104.859	106.549
7	Equals: Command-basis gross domestic product ^{1,2}	119.185	115.100	116.197	117.525	119.435	121.524	122.232
8	Plus: Income receipts from the rest of the world, command basis ¹	127.107	107.447	107.556	112.129	115.141	116.773	---
9	Less: Income payments to the rest of the world, command basis ¹	136.250	116.024	115.573	118.532	125.422	128.826	---
10	Equals: Command-basis gross national product ^{1,3}	118.967	114.682	115.785	117.218	119.004	121.022	---
	Addenda:							
11	Command-basis net domestic product ⁴	118.700	113.225	114.480	115.883	117.957	120.224	120.857
12	Net domestic product	116.222	110.895	112.131	113.469	115.372	117.442	117.950
13	Command-basis net national product ⁴	118.448	112.760	114.020	115.545	117.468	119.649	---
14	Net national product	115.998	110.461	111.706	113.154	114.927	116.914	---
	Percent change from preceding period (seasonally adjusted at annual rates):							
15	Real gross domestic product	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
16	Command-basis gross domestic product	2.5	-3.4	34.3	4.7	6.7	7.2	2.4
17	Real gross national product	2.1	-3.6	34.8	4.9	5.9	6.5	---
18	Command-basis gross national product	2.3	-3.6	35.3	5.0	6.2	7.0	---

Legend / Footnotes:

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Less: Exports of goods and services	2,554.0	2,207.6	2,166.3	2,279.0	2,262.3	2,304.2	2,289.5
3	Plus: Imports of goods and services	3,459.2	3,150.3	3,187.5	3,411.8	3,488.4	3,548.7	3,601.2
4	Equals: Gross domestic purchases	19,910.1	19,306.6	19,551.0	19,841.7	20,211.1	20,540.9	20,696.6
5	Plus: Exports of goods and services, command basis ¹	2,283.9	1,901.3	1,858.0	1,975.1	2,036.5	2,138.1	2,145.2
6	Less: Imports of goods and services, command basis ¹	2,824.4	2,484.4	2,506.4	2,685.2	2,805.1	2,903.9	2,950.7
7	Equals: Command-basis gross domestic product ^{1,2}	19,372.3	18,708.3	18,886.6	19,102.4	19,413.0	19,752.4	19,867.5
8	Plus: Income receipts from the rest of the world, command basis ¹	1,051.7	889.1	890.0	927.8	952.7	966.2	---
9	Less: Income payments to the rest of the world, command basis ¹	810.3	690.0	687.3	704.9	745.9	766.1	---
10	Equals: Command-basis gross national product ^{1,3}	19,613.7	18,907.3	19,089.2	19,325.3	19,619.8	19,952.5	---
	Addenda:							
11	Command-basis net domestic product ⁴	16,235.8	15,486.9	15,658.6	15,850.5	16,134.2	16,444.2	16,530.8
12	Net domestic product	15,896.9	15,168.1	15,337.3	15,520.3	15,780.6	16,063.6	16,133.2
13	Command-basis net national product ⁴	16,476.9	15,685.7	15,861.0	16,073.2	16,340.7	16,644.1	---
14	Net national product	16,136.2	15,365.9	15,539.1	15,740.5	15,987.2	16,263.6	---
	Trade indexes (seasonally adjusted):							
15	Trading gains index ⁵	101.770	101.843	101.841	101.937	102.028	102.098	102.186
16	Terms of trade index ⁶	109.527	109.211	109.156	110.202	112.034	113.485	114.445
17	Terms of trade, goods ⁷	106.254	105.001	104.854	106.163	108.778	111.282	112.708
18	Terms of trade, nonpetroleum goods ⁸	99.493	95.916	95.479	96.960	101.005	104.244	106.083

Legend / Footnotes:

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

Table 1.10. Gross Domestic Income by Type of Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross domestic income	21,442.2	21,064.3	20,908.5	21,972.6	22,547.9	23,024.3	---
2	Compensation of employees, paid	11,459.4	11,580.1	11,547.2	11,972.3	12,097.8	12,317.0	12,584.4
3	Wages and salaries	9,335.3	9,452.0	9,417.8	9,791.1	9,888.1	10,087.8	10,327.7
4	To persons	9,316.4	9,437.6	9,404.0	9,776.7	9,872.7	10,072.6	---
5	To the rest of the world	18.9	14.4	13.8	14.5	15.4	15.3	---
6	Supplements to wages and salaries	2,124.2	2,128.0	2,129.4	2,181.1	2,209.7	2,229.2	2,256.7
7	Taxes on production and imports	1,532.3	1,534.7	1,544.0	1,557.0	1,580.1	1,636.3	1,658.9
8	Less: Subsidies ¹	73.0	761.4	1,221.2	619.2	406.3	705.6	555.1
9	Net operating surplus	5,087.8	5,135.0	5,447.5	5,423.2	5,580.3	5,988.7	---
10	Private enterprises	5,101.1	5,152.5	5,465.1	5,441.3	5,599.6	6,004.1	---
11	Net interest and miscellaneous payments, domestic industries	793.5	843.3	843.1	884.4	917.9	914.7	---
12	Business current transfer payments (net)	162.3	158.6	165.8	166.3	165.8	166.0	162.4
13	Proprietors' income with inventory valuation and capital consumption adjustments	1,598.9	1,650.0	1,760.7	1,730.0	1,714.0	1,848.2	1,850.6
14	Rental income of persons with capital consumption adjustment	692.1	711.6	714.5	710.0	716.9	716.3	729.3
15	Corporate profits with inventory valuation and capital consumption adjustments, domestic industries	1,854.4	1,789.0	1,981.0	1,950.5	2,085.0	2,359.0	---
16	Taxes on corporate income	302.2	275.6	300.3	315.6	343.7	378.6	---
17	Profits after tax with inventory valuation and capital consumption adjustments	1,552.2	1,513.4	1,680.7	1,634.9	1,741.3	1,980.4	---
18	Net dividends	920.1	1,086.1	1,107.1	1,171.1	1,007.6	1,157.5	---
19	Undistributed corporate profits with inventory valuation and capital consumption adjustments	632.1	427.3	573.6	463.7	733.7	823.0	---
20	Current surplus of government enterprises ¹	-13.3	-17.5	-17.7	-18.1	-19.3	-15.4	-10.6
21	Consumption of fixed capital	3,435.6	3,575.9	3,591.0	3,639.4	3,696.0	3,787.9	3,893.4
22	Private	2,848.6	2,969.6	2,981.5	3,023.3	3,071.2	3,150.1	3,241.9
23	Government	586.9	606.4	609.6	616.1	624.7	637.8	651.4
Addendum:								
24	Statistical discrepancy	-69.7	-170.6	230.0	-495.0	-509.7	-283.4	---

Legend / Footnotes:

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

Table 1.12. National Income by Type of Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National income	18,273.1	17,710.7	17,544.3	18,583.8	19,086.8	19,466.8	---
2	Compensation of employees	11,447.7	11,572.2	11,539.7	11,964.2	12,088.9	12,308.3	12,575.7
3	Wages and salaries	9,323.5	9,444.1	9,410.3	9,783.0	9,879.2	10,079.1	10,319.0
4	Government	1,450.2	1,494.5	1,498.8	1,496.4	1,502.7	1,519.1	1,549.5
5	Other	7,873.3	7,949.6	7,911.5	8,286.6	8,376.5	8,560.0	8,769.5
6	Supplements to wages and salaries	2,124.2	2,128.0	2,129.4	2,181.1	2,209.7	2,229.2	2,256.7
7	Employer contributions for employee pension and insurance funds ¹	1,474.6	1,464.4	1,464.9	1,498.3	1,510.9	1,518.3	1,530.9
8	Employer contributions for government social insurance	649.6	663.7	664.5	682.8	698.9	710.9	725.8
9	Proprietors' income with IVA and CCAAdj	1,598.9	1,650.0	1,760.7	1,730.0	1,714.0	1,848.2	1,850.6
10	Farm	38.4	70.2	69.2	108.5	73.0	119.4	110.1
11	Nonfarm	1,560.5	1,579.9	1,691.5	1,621.5	1,640.9	1,728.7	1,740.5
12	Rental income of persons with CCAAdj	692.1	711.6	714.5	710.0	716.9	716.3	729.3
13	Corporate profits with IVA and CCAAdj	2,367.8	2,243.8	2,435.4	2,427.5	2,551.4	2,819.2	---
14	Taxes on corporate income	302.2	275.6	300.3	315.6	343.7	378.6	---
15	Profits after tax with IVA and CCAAdj	2,065.6	1,968.1	2,135.1	2,111.9	2,207.7	2,440.6	---
16	Net dividends	1,386.4	1,394.9	1,368.6	1,397.5	1,359.7	1,411.0	1,437.6
17	Undistributed profits with IVA and CCAAdj	679.2	573.3	766.5	714.4	848.0	1,029.6	---
18	Net interest and miscellaneous payments	558.2	618.8	623.0	666.1	695.2	693.6	688.8
19	Taxes on production and imports	1,532.3	1,534.7	1,544.0	1,557.0	1,580.1	1,636.3	1,658.9
20	Less: Subsidies ²	73.0	761.4	1,221.2	619.2	406.3	705.6	555.1
21	Business current transfer payments (net)	162.3	158.6	165.8	166.3	165.8	166.0	162.4
22	To persons (net)	56.0	59.9	58.9	59.2	62.0	71.2	67.9
23	To government (net)	95.7	97.8	99.7	103.2	98.4	94.4	94.0
24	To the rest of the world (net)	10.6	0.9	7.2	3.9	5.4	0.4	0.5
25	Current surplus of government enterprises ²	-13.3	-17.5	-17.7	-18.1	-19.3	-15.4	-10.6
	Addenda for corporate cash flow:							
26	Net cash flow with IVA	2,571.8	2,516.6	2,729.6	2,699.4	2,853.9	3,078.6	---
27	Undistributed profits with IVA and CCAAdj	679.2	573.3	766.5	714.4	848.0	1,029.6	---
28	Consumption of fixed capital	1,880.2	1,957.0	1,962.2	1,984.3	2,005.3	2,048.5	2,104.1
29	Less: Capital transfers paid (net)	-12.4	13.6	-0.8	-0.7	-0.6	-0.5	---
	Addenda:							
30	Proprietors' income with IVA and CCAAdj	1,598.9	1,650.0	1,760.7	1,730.0	1,714.0	1,848.2	1,850.6
31	Farm	38.4	70.2	69.2	108.5	73.0	119.4	110.1
32	Proprietors' income with IVA	45.0	76.9	76.0	115.2	79.7	126.5	117.9
33	Capital consumption adjustment	-6.6	-6.7	-6.7	-6.7	-6.7	-7.1	-7.8
34	Nonfarm	1,560.5	1,579.9	1,691.5	1,621.5	1,640.9	1,728.7	1,740.5
35	Proprietors' income (without IVA and CCAAdj)	1,181.0	1,214.8	1,338.1	1,269.5	1,288.5	1,388.8	1,397.1
36	Inventory valuation adjustment	-0.4	-3.4	-14.4	-17.3	-33.6	-41.2	-31.8
37	Capital consumption adjustment	379.8	368.4	367.8	369.4	386.0	381.1	375.2
38	Rental income of persons with CCAAdj	692.1	711.6	714.5	710.0	716.9	716.3	729.3
39	Rental income of persons (without CCAAdj)	714.7	735.1	738.3	734.7	742.9	743.9	758.6
40	Capital consumption adjustment	-22.6	-23.5	-23.8	-24.6	-25.9	-27.6	-29.3
41	Corporate profits with IVA and CCAAdj	2,367.8	2,243.8	2,435.4	2,427.5	2,551.4	2,819.2	---
42	Corporate profits with IVA	2,254.6	2,165.9	2,360.5	2,357.2	2,461.8	2,747.7	---
43	Profits before tax (without IVA and CCAAdj)	2,254.6	2,184.1	2,448.4	2,480.1	2,711.3	3,069.0	---
44	Taxes on corporate income	302.2	275.6	300.3	315.6	343.7	378.6	---
45	Profits after tax (without IVA and CCAAdj)	1,952.4	1,908.4	2,148.2	2,164.5	2,367.6	2,690.4	---
46	Net dividends	1,386.4	1,394.9	1,368.6	1,397.5	1,359.7	1,411.0	1,437.6
47	Undistributed profits (without IVA and CCAAdj)	566.0	513.6	779.5	767.0	1,007.9	1,279.4	---
48	Inventory valuation adjustment	0.0	-18.2	-88.0	-122.9	-249.5	-321.2	---
49	Capital consumption adjustment	113.2	77.9	74.9	70.4	89.6	71.4	42.1

Legend / Footnotes:

IVA Inventory valuation adjustment

CCAAdj Capital consumption adjustment

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

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

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross value added of corporate business ¹	12,199.6	11,890.6	11,794.2	12,528.6	12,922.2	13,266.2	---
2	Consumption of fixed capital	1,880.2	1,957.0	1,962.2	1,984.3	2,005.3	2,048.5	2,104.1
3	Net value added	10,319.4	9,933.7	9,831.9	10,544.3	10,916.9	11,217.6	---
4	Compensation of employees	7,090.3	7,157.6	7,134.7	7,459.2	7,538.1	7,686.4	7,858.2
5	Wages and salaries	5,954.7	6,028.1	6,006.8	6,294.8	6,352.2	6,491.1	6,649.8
6	Supplements to wages and salaries	1,135.6	1,129.5	1,127.9	1,164.4	1,185.9	1,195.3	1,208.4
7	Taxes on production and imports less subsidies	997.8	531.7	240.8	648.1	800.8	675.0	785.8
8	Net operating surplus	2,231.4	2,244.4	2,456.4	2,437.0	2,577.9	2,856.3	---
9	Net interest and miscellaneous payments	240.6	322.6	336.0	345.8	358.5	357.4	---
10	Business current transfer payments (net)	136.3	132.7	139.5	140.7	134.4	139.9	135.9
11	Corporate profits with IVA and CCAj	1,854.4	1,789.0	1,981.0	1,950.5	2,085.0	2,359.0	---
12	Taxes on corporate income	302.2	275.6	300.3	315.6	343.7	378.6	---
13	Profits after tax with IVA and CCAj	1,552.2	1,513.4	1,680.7	1,634.9	1,741.3	1,980.4	---
14	Net dividends	920.1	1,086.1	1,107.1	1,171.1	1,007.6	1,157.5	---
15	Undistributed profits with IVA and CCAj	632.1	427.3	573.6	463.7	733.7	823.0	---
16	Gross value added of financial corporate business ¹	1,595.6	1,721.9	1,731.7	1,822.5	1,846.7	1,896.9	---
17	Gross value added of nonfinancial corporate business ¹	10,604.0	10,168.8	10,062.5	10,706.1	11,075.5	11,369.3	---
18	Consumption of fixed capital	1,644.8	1,707.6	1,711.6	1,729.6	1,748.4	1,783.7	1,829.4
19	Net value added	8,959.1	8,461.2	8,350.9	8,976.5	9,327.1	9,585.5	---
20	Compensation of employees	6,315.2	6,327.5	6,311.2	6,589.9	6,650.1	6,792.4	6,959.3
21	Wages and salaries	5,300.3	5,319.3	5,305.1	5,550.1	5,590.3	5,723.3	5,877.1
22	Supplements to wages and salaries	1,014.9	1,008.2	1,006.1	1,039.8	1,059.8	1,069.1	1,082.1
23	Taxes on production and imports less subsidies	931.3	463.3	181.0	578.0	719.6	592.1	705.5
24	Net operating surplus	1,712.6	1,670.4	1,858.8	1,808.6	1,957.4	2,201.1	---
25	Net interest and miscellaneous payments	273.5	254.2	250.5	248.9	258.0	277.3	---
26	Business current transfer payments (net)	91.6	94.1	94.0	92.9	99.5	102.5	97.1
27	Corporate profits with IVA and CCAj	1,347.5	1,322.0	1,514.3	1,466.8	1,600.0	1,821.3	---
28	Taxes on corporate income	203.6	189.6	214.1	222.7	244.8	276.1	---
29	Profits after tax with IVA and CCAj	1,143.9	1,132.4	1,300.2	1,244.0	1,355.2	1,545.2	---
30	Net dividends	695.7	796.2	766.3	872.5	759.1	874.8	---
31	Undistributed profits with IVA and CCAj	448.2	336.2	533.9	371.5	596.1	670.4	---
	Addenda:							
	Corporate business:							
32	Profits before tax (without IVA and CCAj)	1,741.2	1,729.3	1,994.0	2,003.1	2,244.9	2,608.8	---
33	Profits after tax (without IVA and CCAj)	1,439.0	1,453.7	1,693.7	1,687.4	1,901.2	2,230.2	---
34	Undistributed profits after tax (without IVA and CCAj)	519.0	367.6	586.6	516.3	893.6	1,072.8	---
35	Inventory valuation adjustment	0.0	-18.2	-88.0	-122.9	-249.5	-321.2	---
36	Capital consumption adjustment	113.2	77.9	74.9	70.4	89.6	71.4	42.1
	Nonfinancial corporate business:							
37	Profits before tax (without IVA and CCAj)	1,208.0	1,226.8	1,491.5	1,482.1	1,725.1	2,031.9	---
38	Profits after tax (without IVA and CCAj)	1,004.4	1,037.2	1,277.4	1,259.4	1,480.3	1,755.9	---
39	Inventory valuation adjustment	0.0	-18.2	-88.0	-122.9	-249.5	-321.2	---
40	Capital consumption adjustment	139.5	113.4	110.7	107.6	124.4	110.6	87.5
	Value added, in billions of chained (2012) dollars:							
41	Gross value added of nonfinancial corporate business ²	9,567.6	9,164.2	9,041.9	9,624.3	9,832.4	9,903.9	---
42	Consumption of fixed capital ³	1,577.4	1,624.7	1,627.9	1,643.9	1,666.3	1,691.5	1,716.0
43	Net value added ⁴	7,990.2	7,539.5	7,414.0	7,980.4	8,166.1	8,212.4	---

Legend / Footnotes:

1. Estimates for financial corporate business and nonfinancial corporate business for 2000 and earlier periods are based on the 1987 Standard Industrial Classification (SIC); later estimates for these industries are based on the North American Industry Classification System (NAICS).
2. The current-dollar gross value added is deflated using the gross value added chain-type price index for nonfinancial industries from the GDP-by-industry accounts. For periods when this price index is not available, the chain-type price index for GDP goods and structures is used.
3. Chained-dollar consumption of fixed capital of nonfinancial corporate business is calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100.
4. Chained-dollar net value added of nonfinancial corporate business is the difference between the gross product and the consumption of fixed capital.

IVA Inventory valuation adjustment

CCAj Capital consumption adjustment

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

[Dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Price per unit of real gross value added of nonfinancial corporate business ¹	1.108	1.110	1.113	1.112	1.126	1.148	---
2	Compensation of employees (unit labor cost)	0.660	0.690	0.698	0.685	0.676	0.686	---
3	Unit nonlabor cost	0.307	0.275	0.247	0.275	0.287	0.278	---
4	Consumption of fixed capital	0.172	0.186	0.189	0.180	0.178	0.180	---
5	Taxes on production and imports less subsidies plus business current transfer payments (net)	0.107	0.061	0.030	0.070	0.083	0.070	---
6	Net interest and miscellaneous payments	0.029	0.028	0.028	0.026	0.026	0.028	---
7	Corporate profits with IVA and CCAj (unit profits from current production)	0.141	0.144	0.167	0.152	0.163	0.184	---
8	Taxes on corporate income	0.021	0.021	0.024	0.023	0.025	0.028	---
9	Profits after tax with IVA and CCAj	0.120	0.124	0.144	0.129	0.138	0.156	---

Legend / Footnotes:

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

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

IVA Inventory valuation adjustment

CCAj Capital consumption adjustment

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Production in the United States:							
1	Gross domestic product (GDP)	2.3	-3.4	33.8	4.5	6.3	6.7	2.0
2	Gross domestic income (GDI)	2.0	-2.9	24.4	19.6	6.3	2.3	---
3	Average of GDP and GDI ¹	2.1	-3.2	29.0	11.9	6.3	4.5	---
4	Net domestic product ²	2.1	-4.6	41.7	4.9	6.9	7.4	1.7
5	Net domestic income ²	1.8	-4.0	29.7	23.3	6.9	2.1	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	2.1	-3.6	34.8	4.9	5.9	6.5	---
7	Gross national income	1.8	-3.1	25.4	19.9	5.9	2.2	---
8	Net national product ²	1.9	-4.8	42.9	5.3	6.4	7.1	---
	Final expenditures by U.S. residents:							
9	Gross domestic purchases	2.4	-3.0	37.8	6.1	7.7	6.7	3.1
10	Final sales to domestic purchasers ³	2.4	-2.5	29.9	5.0	10.4	8.0	1.0
11	Final sales to private domestic purchasers ⁴	2.4	-3.6	38.4	6.2	11.8	10.1	1.1
	Purchasing power of income: ⁵							
12	Command-basis gross domestic product	2.5	-3.4	34.3	4.7	6.7	7.2	2.4
13	Command-basis net domestic product ²	2.4	-4.6	42.4	5.0	7.4	7.9	2.1
14	Command-basis gross national product	2.3	-3.6	35.3	5.0	6.2	7.0	---
15	Command-basis net national product ²	2.2	-4.8	43.6	5.5	6.8	7.6	---
	After-tax income received by the personal sector:							
16	Disposable personal income	2.3	6.2	-16.6	-8.3	54.7	-30.2	-5.6

Legend / Footnotes:

1. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.
2. In this table, the net measures are the corresponding gross measures excluding the depreciation of fixed assets as measured by the consumption of fixed capital.
3. Gross domestic purchases excluding change in private inventories.
4. Final sales to domestic purchasers less government consumption expenditures and gross investment.
5. The command-basis estimates (lines 12-15) measure the purchasing power of the income generated by the sale of goods and services produced; they reflect gains or losses in real income resulting from changes in the terms of trade for exports and imports. For more detail on the command-basis measures, see NIPA tables 1.8.3 and 1.8.6.

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Production in the United States:							
1	Gross domestic product (GDP)	21,372.6	20,893.7	21,138.6	21,477.6	22,038.2	22,741.0	23,173.5
2	Gross domestic income (GDI)	21,442.2	21,064.3	20,908.5	21,972.6	22,547.9	23,024.3	---
3	Average of GDP and GDI ¹	21,407.4	20,979.0	21,023.6	21,725.1	22,293.1	22,882.7	---
4	Net domestic product ²	17,937.0	17,317.8	17,547.5	17,838.2	18,342.3	18,953.1	19,280.1
5	Net domestic income ²	18,006.6	17,488.4	17,317.5	18,333.2	18,851.9	19,236.4	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	21,639.0	21,116.1	21,365.4	21,728.2	22,273.1	22,971.4	---
7	Gross national income	21,708.7	21,286.6	21,135.4	22,223.2	22,782.7	23,254.7	---
8	Net national product ²	18,203.4	17,540.2	17,774.4	18,088.8	18,577.1	19,183.5	---
9	National income ³	18,273.1	17,710.7	17,544.3	18,583.8	19,086.8	19,466.8	---
	Final expenditures by U.S. residents:							
10	Gross domestic purchases	21,968.8	21,544.9	21,864.3	22,276.0	22,910.8	23,622.6	24,113.0
11	Final sales to domestic purchasers ⁴	21,895.2	21,604.5	21,849.3	22,218.8	23,005.0	23,797.0	24,181.1
12	Final sales to private domestic purchasers ⁵	18,181.3	17,745.0	17,987.6	18,333.5	19,027.7	19,781.1	20,104.1
	After-tax income received by the personal sector:							
13	Disposable personal income	16,219.3	17,432.0	17,595.7	17,282.2	19,455.3	18,060.3	18,030.9

Legend / Footnotes:

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

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

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

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Production in the United States:							
1	Gross domestic product (GDP)	19,032.7	18,384.7	18,560.8	18,767.8	19,055.7	19,368.3	19,465.2
2	Gross domestic income (GDI)	19,094.7	18,534.8	18,358.8	19,200.3	19,496.4	19,609.7	---
3	Average of GDP and GDI ¹	19,063.7	18,459.7	18,459.8	18,984.0	19,276.0	19,489.0	---
4	Net domestic product ²	15,896.9	15,168.1	15,337.3	15,520.3	15,780.6	16,063.6	16,133.2
5	Net domestic income ²	15,958.6	15,317.5	15,136.2	15,951.0	16,219.1	16,303.8	---
	Production by labor and capital supplied by U.S. residents:							
6	Gross national product	19,271.9	18,582.3	18,762.5	18,987.9	19,262.1	19,568.1	---
7	Gross national income	19,334.0	18,732.4	18,560.5	19,420.5	19,702.9	19,809.5	---
8	Net national product ²	16,136.2	15,365.9	15,539.1	15,740.5	15,987.2	16,263.6	---
	Final expenditures by U.S. residents:							
9	Gross domestic purchases	19,910.1	19,306.6	19,551.0	19,841.7	20,211.1	20,540.9	20,696.6
10	Final sales to domestic purchasers ³	19,822.0	19,319.8	19,498.9	19,738.3	20,233.6	20,625.1	20,678.3
11	Final sales to private domestic purchasers ⁴	16,547.3	15,959.0	16,139.0	16,384.1	16,846.3	17,258.3	17,305.2
	Purchasing power of income: ⁵							
12	Command-basis gross domestic product	19,372.3	18,708.3	18,886.6	19,102.4	19,413.0	19,752.4	19,867.5
13	Command-basis net domestic product ²	16,235.8	15,486.9	15,658.6	15,850.5	16,134.2	16,444.2	16,530.8
14	Command-basis gross national product	19,613.7	18,907.3	19,089.2	19,325.3	19,619.8	19,952.5	---
15	Command-basis net national product ²	16,476.9	15,685.7	15,861.0	16,073.2	16,340.7	16,644.1	---
	After-tax income received by the personal sector:							
16	Disposable personal income	14,755.2	15,672.8	15,782.4	15,443.0	17,221.6	15,738.4	15,512.8

Legend / Footnotes:

1. The arithmetic average of gross domestic product and of gross domestic income, deflated by the implicit price deflator for GDP.
2. In this table, the net measures are the corresponding gross measures excluding the depreciation of fixed assets as measured by the consumption of fixed capital.
3. Gross domestic purchases excluding change in private inventories.
4. Final sales to domestic purchasers less government consumption expenditures and gross investment.
5. The command-basis estimates (lines 12-15) measure the purchasing power of the income generated by the sale of goods and services produced; they reflect gains or losses in real income resulting from changes in the terms of trade for exports and imports. For more detail on the command-basis measures, see NIPA tables 1.8.3 and 1.8.6.

Table 2.1. Personal Income and Its Disposition

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal income	18,424.4	19,627.6	19,777.4	19,542.0	21,867.3	20,575.1	20,622.9
2	Compensation of employees	11,447.7	11,572.2	11,539.7	11,964.2	12,088.9	12,308.3	12,575.7
3	Wages and salaries	9,323.5	9,444.1	9,410.3	9,783.0	9,879.2	10,079.1	10,319.0
4	Private industries	7,873.3	7,949.6	7,911.5	8,286.6	8,376.5	8,560.0	8,769.5
5	Government	1,450.2	1,494.5	1,498.8	1,496.4	1,502.7	1,519.1	1,549.5
6	Supplements to wages and salaries	2,124.2	2,128.0	2,129.4	2,181.1	2,209.7	2,229.2	2,256.7
7	Employer contributions for employee pension and insurance funds ¹	1,474.6	1,464.4	1,464.9	1,498.3	1,510.9	1,518.3	1,530.9
8	Employer contributions for government social insurance	649.6	663.7	664.5	682.8	698.9	710.9	725.8
9	Proprietors' income with inventory valuation and capital consumption adjustments	1,598.9	1,650.0	1,760.7	1,730.0	1,714.0	1,848.2	1,850.6
10	Farm	38.4	70.2	69.2	108.5	73.0	119.4	110.1
11	Nonfarm	1,560.5	1,579.9	1,691.5	1,621.5	1,640.9	1,728.7	1,740.5
12	Rental income of persons with capital consumption adjustment	692.1	711.6	714.5	710.0	716.9	716.3	729.3
13	Personal income receipts on assets	2,968.0	2,912.1	2,851.7	2,909.6	2,898.8	2,932.1	2,949.6
14	Personal interest income	1,652.0	1,614.4	1,597.6	1,610.3	1,630.2	1,639.4	1,641.3
15	Personal dividend income	1,316.0	1,297.8	1,254.2	1,299.2	1,268.7	1,292.8	1,308.4
16	Personal current transfer receipts	3,139.1	4,241.1	4,369.4	3,729.5	5,982.5	4,329.0	4,106.7
17	Government social benefits to persons	3,083.1	4,181.3	4,310.5	3,670.2	5,920.6	4,257.8	4,038.8
18	Social security ²	1,030.7	1,077.9	1,080.2	1,088.8	1,106.3	1,109.7	1,117.6
19	Medicare ³	785.7	819.2	825.8	821.0	814.1	815.3	826.5
20	Medicaid	614.0	657.3	690.4	678.3	695.9	730.5	740.0
21	Unemployment insurance	27.6	536.6	767.8	299.9	565.8	480.4	272.6
22	Veterans' benefits	130.9	145.5	147.4	149.5	152.4	156.5	162.3
23	Other	494.2	944.7	799.0	632.7	2,586.0	965.4	919.8
24	Other current transfer receipts, from business (net)	56.0	59.9	58.9	59.2	62.0	71.2	67.9
25	Less: Contributions for government social insurance, domestic	1,421.4	1,459.5	1,458.7	1,501.3	1,533.8	1,558.7	1,589.0
26	Less: Personal current taxes	2,205.1	2,195.6	2,181.8	2,259.8	2,412.1	2,514.8	2,592.1
27	Equals: Disposable personal income	16,219.3	17,432.0	17,595.7	17,282.2	19,455.3	18,060.3	18,030.9
28	Less: Personal outlays	14,981.5	14,544.5	14,774.3	14,936.8	15,475.6	16,165.0	16,433.2
29	Personal consumption expenditures	14,428.7	14,047.6	14,293.8	14,467.6	15,005.4	15,681.7	15,946.2
30	Personal interest payments ⁴	340.4	285.4	274.4	255.9	255.3	267.4	267.1
31	Personal current transfer payments	212.4	211.5	206.1	213.2	214.8	215.9	219.8
32	To government	118.6	114.6	114.3	114.8	115.3	116.0	116.8
33	To the rest of the world (net)	93.9	96.9	91.8	98.4	99.5	99.9	103.0
34	Equals: Personal saving	1,237.8	2,887.5	2,821.3	2,345.5	3,979.7	1,895.3	1,597.7
35	Personal saving as a percentage of disposable personal income	7.6	16.6	16.0	13.6	20.5	10.5	8.9
	Addenda:							
36	Personal income excluding current transfer receipts, billions of chained (2012) dollars ⁵	13,905.6	13,833.7	13,820.2	14,129.7	14,061.1	14,157.4	14,209.7
	Disposable personal income:							
37	Total, billions of chained (2012) dollars ⁵	14,755.2	15,672.8	15,782.4	15,443.0	17,221.6	15,738.4	15,512.8
	Per capita:							
38	Current dollars	49,370	52,800	53,261	52,241	58,775	54,528	54,391
39	Chained (2012) dollars	44,913	47,471	47,772	46,682	52,027	47,518	46,795
40	Population (midperiod, thousands)	328,527	330,152	330,368	330,815	331,011	331,209	331,507
	Percent change from preceding period:							
41	Disposable personal income, current dollars	3.8	7.5	-13.6	-6.9	60.6	-25.7	-0.7
42	Disposable personal income, chained (2012) dollars	2.3	6.2	-16.6	-8.3	54.7	-30.2	-5.6

Legend / Footnotes:

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

Table 2.2B. Wages and Salaries by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Wages and salaries	9,323.5	9,444.1	9,410.3	9,783.0	9,879.2	10,079.1	10,319.0
2	Private industries	7,873.3	7,949.6	7,911.5	8,286.6	8,376.5	8,560.0	8,769.5
3	Goods-producing industries	1,531.6	1,514.0	1,509.0	1,566.8	1,585.9	1,604.1	1,635.5
4	Manufacturing	910.6	904.4	895.8	936.3	949.3	955.5	976.0
5	Services-producing industries	6,341.7	6,435.6	6,402.5	6,719.8	6,790.6	6,955.9	7,134.0
6	Trade, transportation, and utilities	1,415.6	1,443.2	1,448.6	1,507.6	1,525.3	1,559.0	1,590.1
7	Other services-producing industries ¹	4,926.1	4,992.4	4,953.9	5,212.3	5,265.3	5,396.9	5,544.0
8	Government	1,450.2	1,494.5	1,498.8	1,496.4	1,502.7	1,519.1	1,549.5

Legend / Footnotes:

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

Note. Estimates in this table are based on the 2012 North American Industry Classification System (NAICS).

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	2.2	-3.8	41.4	3.4	11.4	12.0	1.6
2	Goods	3.4	4.6	49.5	-0.3	27.4	13.0	-9.2
3	Durable goods	4.3	7.7	89.0	1.1	50.0	11.6	-26.2
4	Motor vehicles and parts	-1.2	3.3	92.2	2.0	58.0	15.9	-53.9
5	Furnishings and durable household equipment	3.5	7.6	70.2	-5.7	49.7	0.1	-10.3
6	Recreational goods and vehicles	12.2	18.2	51.1	0.5	40.4	11.9	-7.2
7	Other durable goods	4.5	-1.5	289.5	13.8	51.5	21.2	8.3
8	Nondurable goods	2.9	3.1	31.8	-1.1	15.9	13.9	2.6
9	Food and beverages purchased for off-premises consumption	2.0	7.6	4.0	-3.3	18.3	3.2	0.0
10	Clothing and footwear	3.0	-4.0	210.7	3.0	35.9	37.9	-0.5
11	Gasoline and other energy goods	-0.1	-13.7	89.9	-12.2	5.7	36.4	14.0
12	Other nondurable goods	4.6	5.8	21.8	1.7	10.3	11.7	3.1
13	Services	1.7	-7.5	37.5	5.3	3.9	11.5	7.9
14	Household consumption expenditures (for services)	2.0	-8.6	46.3	6.0	4.9	13.2	8.9
15	Housing and utilities	0.9	1.0	0.3	0.3	1.9	0.3	1.1
16	Health care	3.3	-8.4	90.6	14.0	-4.3	10.3	5.7
17	Transportation services	3.4	-25.8	93.2	5.8	5.5	52.0	41.5
18	Recreation services	1.3	-30.1	217.3	5.6	27.7	41.3	16.5
19	Food services and accommodations	2.1	-21.9	213.4	-4.7	32.9	68.0	12.4
20	Financial services and insurance	-1.1	0.3	5.0	5.9	4.7	-3.1	5.0
21	Other services	4.2	-9.9	36.0	12.4	6.6	13.2	22.9
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-4.2	16.2	-48.8	-6.7	-12.9	-18.0	-12.5
23	Gross output of nonprofit institutions ²	1.0	-2.6	10.0	8.7	-7.0	4.3	3.2
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	3.0	-9.4	61.1	16.0	-4.5	14.5	9.8
	Addenda:							
25	PCE excluding food and energy ⁴	2.3	-4.5	46.2	4.5	11.0	12.8	1.4
26	Energy goods and services ⁵	-0.7	-7.9	29.4	-9.8	7.7	14.3	8.2
27	Market-based PCE ⁶	2.6	-4.6	50.2	3.2	13.2	13.9	0.8
28	Market-based PCE excluding food and energy ⁶	2.9	-5.6	57.7	4.6	12.9	15.0	0.6

Legend / Footnotes:

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

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

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

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

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

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Personal consumption expenditures (PCE)	2.2	-3.8	41.4	3.4	11.4	12.0	1.6
	Percentage points at annual rates:							
2	Goods	1.04	1.43	16.00	-0.10	8.66	4.51	-3.36
3	Durable goods	0.44	0.80	8.84	0.15	5.31	1.53	-3.92
4	Motor vehicles and parts	-0.04	0.12	3.04	0.09	2.06	0.73	-3.46
5	Furnishings and durable household equipment	0.09	0.19	1.79	-0.17	1.25	0.01	-0.33
6	Recreational goods and vehicles	0.33	0.52	1.73	0.02	1.28	0.44	-0.27
7	Other durable goods	0.07	-0.02	2.29	0.21	0.72	0.35	0.14
8	Nondurable goods	0.60	0.63	7.16	-0.25	3.35	2.98	0.56
9	Food and beverages purchased for off-premises consumption	0.15	0.55	0.42	-0.27	1.39	0.27	0.00
10	Clothing and footwear	0.08	-0.11	3.34	0.08	0.90	1.00	-0.01
11	Gasoline and other energy goods	0.00	-0.29	1.20	-0.22	0.11	0.68	0.30
12	Other nondurable goods	0.37	0.48	2.20	0.16	0.95	1.03	0.27
13	Services	1.15	-5.21	25.44	3.49	2.77	7.53	4.94
14	Household consumption expenditures (for services)	1.28	-5.71	28.01	3.72	3.21	8.12	5.33
15	Housing and utilities	0.17	0.19	0.11	0.06	0.36	0.06	0.19
16	Health care	0.55	-1.44	11.70	2.22	-0.73	1.65	0.89
17	Transportation services	0.12	-0.87	1.80	0.14	0.14	1.11	0.97
18	Recreation services	0.05	-1.22	3.51	0.16	0.74	1.10	0.49
19	Food services and accommodations	0.14	-1.54	7.09	-0.27	1.72	3.38	0.78
20	Financial services and insurance	-0.10	0.02	0.92	0.49	0.45	-0.21	0.39
21	Other services	0.35	-0.84	2.89	0.92	0.53	1.03	1.62
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	-0.14	0.50	-2.57	-0.23	-0.43	-0.59	-0.39
23	Gross output of nonprofit institutions ²	0.11	-0.29	1.36	0.98	-0.81	0.50	0.35
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	0.25	-0.79	3.93	1.21	-0.38	1.09	0.74
	Addenda:							
25	PCE excluding food and energy ⁴	2.07	-4.03	39.95	4.00	9.77	11.24	1.27
26	Energy goods and services ⁵	-0.03	-0.30	1.07	-0.35	0.27	0.53	0.31
27	Market-based PCE ⁶	2.26	-3.98	40.64	2.77	11.20	11.80	0.74
28	Market-based PCE excluding food and energy ⁶	2.14	-4.23	39.15	3.38	9.53	10.99	0.43

Legend / Footnotes:

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	118.818	114.325	116.053	117.023	120.234	123.700	124.186
2	Goods	129.834	135.867	141.817	141.709	150.551	155.227	151.535
3	Durable goods	152.916	164.678	177.466	177.974	196.948	202.430	187.639
4	Motor vehicles and parts	132.342	136.648	147.943	148.689	166.710	172.992	142.556
5	Furnishings and durable household equipment	162.714	175.003	186.784	184.063	203.581	203.635	198.167
6	Recreational goods and vehicles	184.135	217.578	233.092	233.379	254.054	261.278	256.408
7	Other durable goods	140.516	138.477	152.099	157.112	174.312	182.895	186.583
8	Nondurable goods	119.834	123.539	126.724	126.370	131.113	135.440	136.301
9	Food and beverages purchased for off-premises consumption	116.648	125.499	126.065	125.013	130.378	131.421	131.423
10	Clothing and footwear	117.786	113.020	124.146	125.068	135.041	146.330	146.160
11	Gasoline and other energy goods	106.094	91.560	95.075	92.032	93.314	100.837	104.197
12	Other nondurable goods	128.451	135.929	139.045	139.634	143.106	147.116	148.244
13	Services	113.956	105.383	105.473	106.847	107.879	110.859	112.975
14	Household consumption expenditures (for services)	114.470	104.603	105.018	106.562	107.843	111.248	113.653
15	Housing and utilities	104.342	105.436	105.758	105.844	106.338	106.412	106.705
16	Health care	123.008	112.657	115.003	118.838	117.537	120.444	122.115
17	Transportation services	133.227	98.847	94.172	95.514	96.792	107.471	117.217
18	Recreation services	117.385	82.075	79.924	81.027	86.142	93.925	97.586
19	Food services and accommodations	120.533	94.077	97.076	95.912	102.971	117.237	120.703
20	Financial services and insurance	102.206	102.488	102.587	104.065	105.267	104.452	105.737
21	Other services	120.548	108.611	106.704	109.857	111.623	115.148	121.230
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	103.652	120.440	114.133	112.183	108.366	103.110	99.725
23	Gross output of nonprofit institutions ²	113.660	110.740	109.928	112.256	110.233	111.396	112.284
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	117.667	106.623	108.048	112.134	110.851	114.670	117.371
	Addenda:							
25	PCE excluding food and energy ⁴	119.632	114.216	116.000	117.297	120.395	124.066	124.509
26	Energy goods and services ⁵	106.763	98.304	100.943	98.382	100.217	103.633	105.694
27	Market-based PCE ⁶	120.334	114.814	116.961	117.893	121.602	125.611	125.876
28	Market-based PCE excluding food and energy ⁶	121.553	114.771	117.050	118.367	122.019	126.360	126.537

Legend / Footnotes:

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

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

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

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	109.922	111.225	111.507	111.928	112.989	114.772	116.252
2	Goods	94.832	94.160	94.361	94.437	95.790	97.948	99.688
3	Durable goods	86.488	85.784	86.404	86.452	86.946	90.394	92.497
4	Motor vehicles and parts	98.031	99.873	101.752	102.332	102.307	110.738	116.218
5	Furnishings and durable household equipment	87.175	87.845	88.450	88.928	89.414	91.670	93.371
6	Recreational goods and vehicles	73.310	70.191	70.072	69.875	70.585	71.268	71.698
7	Other durable goods	85.161	82.813	82.622	81.483	82.457	83.970	84.149
8	Nondurable goods	99.249	98.602	98.553	98.646	100.556	101.799	103.278
9	Food and beverages purchased for off-premises consumption	104.442	107.976	108.688	108.701	108.903	110.001	112.070
10	Clothing and footwear	97.921	92.892	91.983	91.621	93.695	94.411	95.124
11	Gasoline and other energy goods	75.421	63.873	61.630	64.352	76.876	81.840	86.769
12	Other nondurable goods	106.046	107.117	107.429	106.965	107.065	107.493	107.675
13	Services	117.836	120.302	120.624	121.267	122.109	123.593	124.865
14	Household consumption expenditures (for services)	117.539	120.010	120.338	120.943	121.773	123.173	124.298
15	Housing and utilities	122.323	125.603	125.901	126.604	127.297	128.433	129.738
16	Health care	109.723	112.506	113.121	113.538	115.121	115.544	115.998
17	Transportation services	109.011	107.809	106.768	108.453	108.239	114.017	115.481
18	Recreation services	115.346	117.807	117.762	118.817	119.161	121.165	122.547
19	Food services and accommodations	118.666	120.865	121.283	122.211	122.414	124.512	127.216
20	Financial services and insurance	137.955	140.475	140.840	141.333	142.335	144.769	145.391
21	Other services	109.644	111.412	111.720	111.875	112.206	113.110	114.203
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	124.255	126.624	126.786	128.162	129.252	132.533	137.178
23	Gross output of nonprofit institutions ²	116.946	120.116	120.666	121.429	122.722	124.039	125.645
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	114.301	117.778	118.483	118.996	120.367	120.982	121.570
	Addenda:							
25	PCE excluding food and energy ⁴	111.959	113.553	113.904	114.255	115.010	116.731	118.016
26	Energy goods and services ⁵	85.953	78.672	77.052	79.498	87.646	91.812	95.878
27	Market-based PCE ⁶	107.445	108.575	108.793	109.155	110.210	111.781	113.219
28	Market-based PCE excluding food and energy ⁶	109.365	110.802	111.087	111.356	112.058	113.523	114.731

Legend / Footnotes:

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

Table 2.3.5. Personal Consumption Expenditures by Major Type of Product

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	14,428.7	14,047.6	14,293.8	14,467.6	15,005.4	15,681.7	15,946.2
2	Goods	4,478.9	4,653.8	4,867.2	4,867.3	5,245.0	5,529.8	5,494.2
3	Durable goods	1,513.3	1,616.4	1,753.3	1,759.2	1,957.8	2,092.2	1,984.4
4	Motor vehicles and parts	514.5	541.3	595.8	602.1	674.9	758.1	655.6
5	Furnishings and durable household equipment	360.2	390.4	419.3	415.4	461.9	473.7	469.5
6	Recreational goods and vehicles	420.9	476.2	509.5	508.7	559.4	580.8	573.4
7	Other durable goods	217.6	208.5	228.8	233.1	261.7	279.6	285.8
8	Nondurable goods	2,965.6	3,037.4	3,113.9	3,108.1	3,287.2	3,437.6	3,509.8
9	Food and beverages purchased for off-premises consumption	1,030.9	1,146.7	1,159.5	1,150.0	1,201.5	1,223.4	1,246.4
10	Clothing and footwear	398.2	362.4	394.2	395.6	436.8	477.0	480.0
11	Gasoline and other energy goods	337.6	246.8	245.4	247.9	300.3	345.5	378.5
12	Other nondurable goods	1,198.9	1,281.5	1,314.7	1,314.6	1,348.5	1,391.9	1,404.9
13	Services	9,949.8	9,393.7	9,426.6	9,600.4	9,760.4	10,151.9	10,452.1
14	Household consumption expenditures (for services)	9,509.9	8,872.9	8,932.1	9,109.0	9,281.7	9,684.8	9,984.5
15	Housing and utilities	2,571.5	2,668.1	2,682.6	2,699.7	2,727.2	2,753.4	2,789.1
16	Health care	2,458.2	2,308.4	2,369.2	2,457.2	2,464.2	2,534.4	2,579.7
17	Transportation services	495.3	363.4	342.5	352.8	356.8	417.3	461.0
18	Recreation services	583.3	416.5	405.7	415.0	442.5	490.5	515.5
19	Food services and accommodations	1,008.3	801.5	829.8	826.1	888.3	1,028.7	1,082.2
20	Financial services and insurance	1,171.6	1,196.3	1,200.5	1,222.0	1,244.9	1,256.4	1,277.3
21	Other services	1,221.8	1,118.5	1,102.0	1,136.1	1,157.8	1,204.0	1,279.8
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	439.9	520.9	494.6	491.4	478.7	467.1	467.6
23	Gross output of nonprofit institutions ²	1,643.6	1,644.8	1,640.2	1,685.5	1,672.7	1,708.5	1,744.4
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	1,203.7	1,123.9	1,145.6	1,194.1	1,194.0	1,241.5	1,276.9
	Addenda:							
25	PCE excluding food and energy ⁴	12,820.0	12,414.0	12,645.1	12,825.7	13,251.4	13,859.9	14,062.5
26	Energy goods and services ⁵	577.7	486.9	489.3	491.9	552.5	598.5	637.4
27	Market-based PCE ⁶	12,532.4	12,083.3	12,332.4	12,471.8	12,988.5	13,608.0	13,812.1
28	Market-based PCE excluding food and energy ⁶	10,924.3	10,450.2	10,684.1	10,830.4	11,235.0	11,786.7	11,928.9

Legend / Footnotes:

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

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

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

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

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	13,126.3	12,629.9	12,820.8	12,927.9	13,282.7	13,665.6	13,719.3
2	Goods	4,723.0	4,942.5	5,158.9	5,155.0	5,476.6	5,646.7	5,512.4
3	Durable goods	1,749.7	1,884.3	2,030.6	2,036.4	2,253.5	2,316.2	2,147.0
4	Motor vehicles and parts	524.9	542.0	586.8	589.7	661.2	686.1	565.4
5	Furnishings and durable household equipment	413.2	444.4	474.3	467.4	517.0	517.1	503.2
6	Recreational goods and vehicles	574.2	678.5	726.8	727.7	792.2	814.7	799.5
7	Other durable goods	255.5	251.8	276.6	285.7	317.0	332.6	339.3
8	Nondurable goods	2,988.1	3,080.5	3,159.9	3,151.1	3,269.3	3,377.2	3,398.7
9	Food and beverages purchased for off-premises consumption	987.1	1,062.0	1,066.8	1,057.9	1,103.3	1,112.1	1,112.1
10	Clothing and footwear	406.6	390.2	428.6	431.8	466.2	505.2	504.6
11	Gasoline and other energy goods	447.6	386.3	401.2	388.3	393.7	425.5	439.6
12	Other nondurable goods	1,130.6	1,196.4	1,223.8	1,229.0	1,259.6	1,294.9	1,304.8
13	Services	8,443.7	7,808.5	7,815.2	7,917.0	7,993.4	8,214.3	8,371.0
14	Household consumption expenditures (for services)	8,090.8	7,393.5	7,422.8	7,531.9	7,622.4	7,863.1	8,033.1
15	Housing and utilities	2,102.2	2,124.3	2,130.7	2,132.5	2,142.4	2,143.9	2,149.8
16	Health care	2,240.3	2,051.8	2,094.5	2,164.4	2,140.7	2,193.6	2,224.1
17	Transportation services	454.4	337.1	321.2	325.8	330.1	366.5	399.8
18	Recreation services	505.7	353.6	344.3	349.0	371.1	404.6	420.4
19	Food services and accommodations	849.7	663.2	684.3	676.1	725.9	826.4	850.9
20	Financial services and insurance	849.3	851.6	852.4	864.7	874.7	867.9	878.6
21	Other services	1,114.3	1,004.0	986.3	1,015.5	1,031.8	1,064.4	1,120.6
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	354.0	411.4	389.8	383.2	370.1	352.2	340.6
23	Gross output of nonprofit institutions ²	1,405.4	1,369.3	1,359.3	1,388.1	1,363.0	1,377.4	1,388.4
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	1,053.1	954.2	967.0	1,003.6	992.1	1,026.3	1,050.4
25	Residual	-81.6	-122.2	-170.1	-162.1	-215.1	-241.1	-231.4
	Addenda:							
26	PCE excluding food and energy ⁴	11,450.7	10,932.3	11,103.1	11,227.2	11,523.8	11,875.1	11,917.6
27	Energy goods and services ⁵	672.1	618.9	635.5	619.4	630.9	652.4	665.4
28	Market-based PCE ⁶	11,664.0	11,128.9	11,337.1	11,427.4	11,786.9	12,175.5	12,201.2
29	Market-based PCE excluding food and energy ⁶	9,988.8	9,431.5	9,618.8	9,727.0	10,027.1	10,383.8	10,398.4

Legend / Footnotes:

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

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

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

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

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Personal consumption expenditures (PCE)	1.5	1.2	3.7	1.5	3.8	6.5	5.3
2	Goods	-0.5	-0.7	4.9	0.3	5.9	9.3	7.3
3	Durable goods	-1.2	-0.8	7.6	0.2	2.3	16.8	9.6
4	Motor vehicles and parts	0.3	1.9	18.5	2.3	-0.1	37.3	21.3
5	Furnishings and durable household equipment	0.7	0.8	6.7	2.2	2.2	10.5	7.6
6	Recreational goods and vehicles	-4.1	-4.3	1.4	-1.1	4.1	3.9	2.4
7	Other durable goods	-2.2	-2.8	-2.5	-5.4	4.9	7.5	0.9
8	Nondurable goods	-0.1	-0.7	3.5	0.4	8.0	5.0	5.9
9	Food and beverages purchased for off-premises consumption	1.0	3.4	-1.3	0.0	0.7	4.1	7.7
10	Clothing and footwear	-1.4	-5.1	4.6	-1.6	9.4	3.1	3.1
11	Gasoline and other energy goods	-3.5	-15.3	52.1	18.9	103.7	28.4	26.4
12	Other nondurable goods	0.4	1.0	1.3	-1.7	0.4	1.6	0.7
13	Services	2.4	2.1	3.1	2.1	2.8	5.0	4.2
14	Household consumption expenditures (for services)	2.3	2.1	2.9	2.0	2.8	4.7	3.7
15	Housing and utilities	3.0	2.7	1.9	2.3	2.2	3.6	4.1
16	Health care	1.8	2.5	3.3	1.5	5.7	1.5	1.6
17	Transportation services	2.0	-1.1	-1.0	6.5	-0.8	23.1	5.2
18	Recreation services	2.0	2.1	0.3	3.6	1.2	6.9	4.6
19	Food services and accommodations	2.8	1.9	4.5	3.1	0.7	7.0	9.0
20	Financial services and insurance	2.9	1.8	6.0	1.4	2.9	7.0	1.7
21	Other services	1.4	1.6	2.4	0.6	1.2	3.3	3.9
22	Final consumption expenditures of nonprofit institutions serving households (NPISHs) ¹	3.3	1.9	5.3	4.4	3.4	10.5	14.8
23	Gross output of nonprofit institutions ²	2.5	2.7	4.1	2.6	4.3	4.4	5.3
24	Less: Receipts from sales of goods and services by nonprofit institutions ³	2.2	3.0	3.4	1.7	4.7	2.1	2.0
	Addenda:							
25	PCE excluding food and energy ⁴	1.7	1.4	3.5	1.2	2.7	6.1	4.5
26	Energy goods and services ⁵	-2.1	-8.5	22.1	13.3	47.7	20.4	18.9
27	Market-based PCE ⁶	1.3	1.1	2.8	1.3	3.9	5.8	5.2
28	Market-based PCE excluding food and energy ⁶	1.5	1.3	2.5	1.0	2.5	5.3	4.3

Legend / Footnotes:

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

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

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

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

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

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

Table 3.1. Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts	5,897.5	5,900.6	5,931.2	6,072.3	6,301.8	6,545.7	---
2	Current tax receipts	4,054.6	4,021.4	4,040.9	4,149.1	4,353.5	4,547.4	---
3	Personal current taxes	2,205.1	2,195.6	2,181.8	2,259.8	2,412.1	2,514.8	2,592.1
4	Taxes on production and imports	1,532.3	1,534.7	1,544.0	1,557.0	1,580.1	1,636.3	1,658.9
5	Taxes on corporate income	289.9	263.8	288.5	304.0	331.9	366.9	---
6	Taxes from the rest of the world	27.2	27.4	26.6	28.3	29.4	29.3	29.9
7	Contributions for government social insurance	1,426.6	1,464.5	1,463.7	1,506.5	1,539.2	1,564.2	1,594.5
8	From persons	1,421.4	1,459.5	1,458.7	1,501.3	1,533.8	1,558.7	1,589.0
9	From the rest of the world ¹	5.2	5.1	5.0	5.2	5.3	5.4	5.5
10	Income receipts on assets	206.7	216.2	228.5	213.5	207.3	237.0	247.2
11	Interest and miscellaneous receipts	136.3	119.1	114.0	115.3	116.3	118.8	118.0
12	Interest receipts ²	115.8	100.3	96.3	97.4	98.0	100.0	98.5
13	Rents and royalties	20.4	18.8	17.8	17.9	18.3	18.8	19.5
14	Dividends	70.4	97.1	114.5	98.3	91.0	118.3	129.2
15	Current transfer receipts	222.9	215.9	215.8	221.3	221.1	212.6	212.4
16	From business (net)	95.7	97.8	99.7	103.2	98.4	94.4	94.0
17	From persons	118.6	114.6	114.3	114.8	115.3	116.0	116.8
18	From the rest of the world ³	8.6	3.5	1.8	3.3	7.4	2.2	1.7
19	Current surplus of government enterprises ⁴	-13.3	-17.5	-17.7	-18.1	-19.3	-15.4	-10.6
20	Current expenditures	7,094.0	8,934.4	9,513.8	8,260.6	10,402.5	9,060.9	8,758.6
21	Consumption expenditures	2,973.9	3,078.0	3,079.4	3,088.7	3,186.5	3,223.4	3,271.5
22	Current transfer payments	3,157.4	4,265.8	4,399.1	3,749.0	6,013.8	4,334.8	4,128.7
23	Government social benefits	3,107.1	4,214.4	4,345.5	3,698.4	5,957.4	4,287.2	4,067.0
24	To persons	3,083.1	4,181.3	4,310.5	3,670.2	5,920.6	4,257.8	4,038.8
25	To the rest of the world ⁵	24.0	33.1	35.0	28.2	36.8	29.4	28.2
26	Other current transfer payments to the rest of the world ^{3,5}	50.3	51.4	53.6	50.5	56.4	47.7	61.7
27	Interest payments ²	889.7	829.2	814.2	803.6	795.9	797.1	803.3
28	To persons and business ²	740.5	703.2	693.1	681.4	670.0	670.4	---
29	To the rest of the world	149.2	126.0	121.1	122.2	125.9	126.7	---
30	Subsidies ⁴	73.0	761.4	1,221.2	619.2	406.3	705.6	555.1
31	Net government saving	-1,196.5	-3,033.9	-3,582.6	-2,188.3	-4,100.6	-2,515.2	---
32	Social insurance funds	-405.0	-973.8	-1,218.7	-700.3	-944.7	-837.8	-618.2
33	Other	-791.5	-2,060.1	-2,363.9	-1,488.0	-3,156.0	-1,677.4	---
	Addenda:							
34	Total receipts	5,919.2	5,926.4	5,956.6	6,097.7	6,328.5	6,573.1	---
35	Current receipts	5,897.5	5,900.6	5,931.2	6,072.3	6,301.8	6,545.7	---
36	Capital transfer receipts	21.7	25.8	25.4	25.4	26.6	27.4	41.9
37	Total expenditures	7,286.8	9,139.8	9,706.2	8,471.9	10,790.8	9,245.7	8,941.1
38	Current expenditures	7,094.0	8,934.4	9,513.8	8,260.6	10,402.5	9,060.9	8,758.6
39	Gross government investment	740.0	781.5	782.3	796.5	790.8	792.5	805.5
40	Capital transfer payments	25.6	15.8	13.3	13.4	222.6	12.2	28.1
41	Net purchases of nonproduced assets	14.2	14.4	6.3	17.5	-0.4	17.9	0.3
42	Less: Consumption of fixed capital	586.9	606.4	609.6	616.1	624.7	637.8	651.4
43	Net lending or net borrowing (-)	-1,367.6	-3,213.4	-3,749.5	-2,374.2	-4,462.4	-2,672.6	---

Legend / Footnotes:

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

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

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

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

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

Table 3.2. Federal Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts	3,713.7	3,684.5	3,690.5	3,815.1	3,982.6	4,146.6	---
2	Current tax receipts	2,127.6	2,057.8	2,051.8	2,147.0	2,294.0	2,410.5	---
3	Personal current taxes ¹	1,708.6	1,679.6	1,662.2	1,736.9	1,851.9	1,928.3	1,994.3
4	Taxes on production and imports ²	174.7	158.0	151.3	156.6	166.2	177.8	173.1
5	Excise taxes	95.7	88.1	85.1	85.2	84.6	86.9	86.1
6	Customs duties	77.8	68.6	65.0	70.1	80.4	89.6	85.7
7	Other	1.2	1.2	1.2	1.2	1.2	1.2	1.2
8	Taxes on corporate income	217.0	192.7	211.7	225.1	246.4	275.1	---
9	Taxes from the rest of the world	27.2	27.4	26.6	28.3	29.4	29.3	29.9
10	Contributions for government social insurance	1,406.2	1,444.6	1,443.8	1,486.0	1,517.9	1,542.2	1,572.1
11	From persons	1,401.0	1,439.6	1,438.8	1,480.8	1,512.6	1,536.8	1,566.6
12	From the rest of the world ³	5.2	5.1	5.0	5.2	5.3	5.4	5.5
13	Income receipts on assets	109.9	119.8	132.4	116.3	109.5	139.0	149.1
14	Interest receipts ⁴	37.7	23.5	19.5	20.3	20.5	21.9	20.0
15	Dividends	63.8	90.8	108.5	91.6	84.3	111.9	123.2
16	Federal Reserve banks	54.9	90.7	108.4	91.5	84.1	111.8	123.1
17	Other	8.9	0.1	0.1	0.1	0.1	0.1	0.1
18	Rents and royalties ⁵	8.4	5.5	4.3	4.4	4.8	5.2	5.9
19	Current transfer receipts	72.5	62.9	62.6	66.6	62.8	56.7	55.7
20	From business	38.1	38.7	40.5	43.1	36.1	33.9	33.1
21	From persons	27.1	20.9	20.5	20.5	20.6	20.9	21.1
22	From the rest of the world ⁶	7.2	3.3	1.7	3.1	6.1	2.0	1.5
23	Current surplus of government enterprises ⁷	-2.6	-0.6	-0.2	-0.8	-1.6	-1.9	-1.5
24	Current expenditures	4,761.1	6,794.5	7,206.8	5,955.2	8,071.4	7,490.5	6,550.4
25	Consumption expenditures	1,097.4	1,161.4	1,169.4	1,164.1	1,219.9	1,208.1	1,196.0
26	Current transfer payments	3,007.9	4,338.0	4,295.4	3,660.9	5,945.2	5,081.5	4,288.4
27	Government social benefits	2,348.4	3,406.1	3,503.3	2,867.3	5,107.4	3,401.7	3,169.6
28	To persons	2,324.4	3,373.0	3,468.3	2,839.1	5,070.6	3,372.3	3,141.4
29	To the rest of the world ⁸	24.0	33.1	35.0	28.2	36.8	29.4	28.2
30	Other current transfer payments	659.5	931.9	792.1	793.5	837.9	1,679.9	1,118.8
31	Grants-in-aid to state and local governments	609.2	880.5	738.5	743.0	781.5	1,632.2	1,057.1
32	To the rest of the world ^{6,8}	50.3	51.4	53.6	50.5	56.4	47.7	61.7
33	Interest payments ⁴	583.5	534.2	521.5	511.7	502.5	503.8	511.6
34	To persons and business ⁴	438.1	411.9	403.8	393.1	380.4	380.7	---
35	To the rest of the world	145.4	122.3	117.6	118.5	122.0	123.1	---
36	Subsidies ⁷	72.4	760.8	1,220.5	618.6	403.8	697.0	554.5
37	Net federal government saving	-1,047.5	-3,110.0	-3,516.3	-2,140.1	-4,088.9	-3,343.9	---
38	Social insurance funds	-409.5	-977.2	-1,222.0	-704.0	-948.9	-842.6	-623.4
39	Other	-638.0	-2,132.8	-2,294.3	-1,436.1	-3,140.0	-2,501.3	---
	Addenda:							
40	Total receipts	3,729.8	3,703.6	3,710.1	3,834.8	4,003.0	4,167.6	---
41	Current receipts	3,713.7	3,684.5	3,690.5	3,815.1	3,982.6	4,146.6	---
42	Capital transfer receipts	16.2	19.1	19.7	19.6	20.5	21.0	22.5
43	Total expenditures	4,876.7	6,920.1	7,328.4	6,084.5	8,386.7	7,618.1	6,676.8
44	Current expenditures	4,761.1	6,794.5	7,206.8	5,955.2	8,071.4	7,490.5	6,550.4
45	Gross government investment	317.5	340.3	345.7	348.2	348.7	355.1	366.1
46	Capital transfer payments	93.9	91.8	92.1	90.4	297.7	89.9	100.9
47	Net purchases of nonproduced assets	-2.6	-2.9	-11.1	-0.2	-18.3	-0.3	-18.2
48	Less: Consumption of fixed capital	293.3	303.5	305.1	309.2	312.7	317.1	322.4
49	Net lending or net borrowing (-)	-1,146.9	-3,216.5	-3,618.2	-2,249.7	-4,383.7	-3,450.5	---

Legend / Footnotes:

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

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

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

4. Prior to 1960, interest payments to persons and business (line 34) and interest receipts (line 14) are not shown separately, but are included in interest payments (line 33), which is shown net of interest receipts. Interest payments to persons and business includes interest accrued on the actuarial liabilities of defined benefit pension plans for federal government employees.

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

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

7. Prior to 1959, subsidies (line 36) and the current surplus of government enterprises (line 23) are not shown separately; subsidies are presented net of the current surplus of government enterprises.

8. Prior to 1960, government social benefits to the rest of the world (line 29) are included in line 32, 'Other current transfer payments to the rest of the world.'

Table 3.2. Federal Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Table 3.3. State and Local Government Current Receipts and Expenditures

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts	2,793.1	3,096.6	2,979.2	3,000.2	3,100.7	4,031.4	---
2	Current tax receipts	1,927.0	1,963.6	1,989.1	2,002.0	2,059.5	2,136.8	---
3	Personal current taxes	496.5	515.9	519.6	522.8	560.2	586.4	597.7
4	Income taxes	457.1	476.1	478.7	481.8	519.7	545.6	555.9
5	Other	39.4	39.8	40.9	41.1	40.5	40.9	41.8
6	Taxes on production and imports	1,357.6	1,376.6	1,392.7	1,400.4	1,413.9	1,458.5	1,485.8
7	Sales taxes	443.9	448.9	457.2	462.0	471.0	499.8	506.8
8	Excise taxes	205.2	202.7	208.2	207.0	204.7	212.8	216.6
9	Property taxes	599.6	615.3	616.3	619.1	622.7	628.3	639.6
10	Other	108.9	109.8	111.0	112.2	115.5	117.6	122.8
11	Taxes on corporate income	72.9	71.0	76.8	78.8	85.5	91.9	---
12	Contributions for government social insurance	20.4	19.9	19.9	20.5	21.2	21.9	22.4
13	Income receipts on assets	96.8	96.4	96.1	97.3	97.7	98.0	98.1
14	Interest receipts ¹	78.2	76.8	76.7	77.1	77.5	78.1	78.5
15	Dividends	6.6	6.3	5.9	6.7	6.7	6.4	5.9
16	Rents and royalties	12.0	13.3	13.4	13.5	13.5	13.6	13.6
17	Current transfer receipts	759.6	1,033.5	891.7	897.7	939.9	1,788.1	1,213.8
18	Federal grants-in-aid	609.2	880.5	738.5	743.0	781.5	1,632.2	1,057.1
19	From business (net)	57.6	59.1	59.2	60.2	62.4	60.5	60.9
20	From persons	91.4	93.7	93.9	94.3	94.7	95.2	95.7
21	From the rest of the world	1.4	0.2	0.2	0.2	1.3	0.2	0.1
22	Current surplus of government enterprises	-10.7	-16.8	-17.5	-17.3	-17.6	-13.5	-9.2
23	Current expenditures	2,942.1	3,020.5	3,045.5	3,048.4	3,112.5	3,202.7	3,265.3
24	Consumption expenditures	1,876.5	1,916.5	1,909.9	1,924.7	1,966.5	2,015.3	2,075.5
25	Current transfer payments	758.7	808.3	842.2	831.1	850.0	885.5	897.4
26	Government social benefit payments to persons	758.7	808.3	842.2	831.1	850.0	885.5	897.4
27	Current transfer payments to the rest of the world	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	Interest payments ¹	306.2	295.0	292.8	291.9	293.4	293.3	291.8
29	To persons and business ¹	302.5	291.3	289.3	288.3	289.6	289.7	---
30	To the rest of the world	3.7	3.7	3.5	3.7	3.9	3.6	---
31	Subsidies	0.6	0.6	0.6	0.6	2.5	8.6	0.6
32	Net state and local government saving	-149.0	76.1	-66.3	-48.2	-11.8	828.7	---
33	Social insurance funds	4.5	3.4	3.3	3.7	4.2	4.8	5.3
34	Other	-153.6	72.8	-69.6	-51.9	-16.0	823.9	---
	Addenda:							
35	Total receipts	2,867.0	3,179.3	3,063.8	3,082.9	3,181.9	4,115.5	---
36	Current receipts	2,793.1	3,096.6	2,979.2	3,000.2	3,100.7	4,031.4	---
37	Capital transfer receipts	73.9	82.7	84.5	82.8	81.2	84.1	92.1
38	Total expenditures	3,087.7	3,176.2	3,195.1	3,207.4	3,260.6	3,337.6	3,394.2
39	Current expenditures	2,942.1	3,020.5	3,045.5	3,048.4	3,112.5	3,202.7	3,265.3
40	Gross government investment	422.5	441.2	436.6	448.3	442.2	437.3	439.4
41	Capital transfer payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	Net purchases of nonproduced assets	16.8	17.3	17.4	17.7	17.9	18.2	18.6
43	Less: Consumption of fixed capital	293.7	302.8	304.5	306.9	312.0	320.7	329.1
44	Net lending or net borrowing (-)	-220.7	3.1	-131.3	-124.5	-78.7	777.9	---

Legend / Footnotes:

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

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

Expenditures and Gross Investment

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	2.2	2.5	-2.1	-0.5	4.2	-2.0	0.8
2	Consumption expenditures ¹	2.0	2.0	-2.8	-1.9	7.2	-1.1	0.9
3	Gross investment ²	2.9	4.2	0.9	5.2	-6.8	-5.5	0.1
4	Structures	2.6	3.8	-11.0	5.1	-14.1	-14.9	-6.8
5	Equipment	6.6	3.5	0.1	13.0	-0.1	-2.6	5.9
6	Intellectual property products	0.8	5.4	23.2	0.4	0.3	7.7	6.6
7	Software	4.5	4.7	5.8	7.7	18.3	15.5	12.9
8	Research and development	-0.6	5.7	30.3	-2.0	-5.7	4.9	4.2
9	Federal	3.8	5.0	-5.4	-3.1	11.3	-5.3	-4.7
10	Consumption expenditures	3.6	4.8	-8.9	-4.1	15.4	-7.8	-8.5
11	Gross investment	4.4	5.7	8.0	0.0	-1.5	4.0	8.9
12	Structures	21.3	18.8	6.9	-37.9	-9.6	-22.1	6.1
13	Equipment	8.5	3.5	-13.1	14.8	2.0	3.8	14.5
14	Intellectual property products	0.3	5.4	23.3	-1.6	-2.5	8.0	5.9
15	Software	5.1	3.0	2.8	5.8	14.3	17.2	11.9
16	Research and development	-1.0	6.1	29.7	-3.5	-6.7	5.5	4.3
17	National defense	5.2	2.9	1.7	5.3	-5.8	-1.1	-1.4
18	Consumption expenditures	4.9	1.9	2.8	3.6	-8.1	-2.8	-4.6
19	Gross investment	6.5	6.9	-2.3	11.8	3.3	5.8	11.1
20	Structures	20.4	31.7	46.9	-6.1	-22.0	-6.3	18.4
21	Equipment	10.5	3.7	-15.2	14.8	-1.7	3.3	13.1
22	Intellectual property products	0.0	8.7	11.4	10.8	14.2	10.7	7.8
23	Software	6.1	4.3	5.0	5.9	20.0	15.6	12.7
24	Research and development	-1.5	9.7	12.8	11.9	13.0	9.7	6.8
25	Nondefense	1.6	8.1	-14.3	-14.1	40.8	-10.7	-9.2
26	Consumption expenditures	1.4	9.5	-23.7	-14.8	61.6	-14.4	-13.7
27	Gross investment	2.3	4.3	20.9	-12.0	-6.9	1.9	6.2
28	Structures	21.8	12.5	-10.1	-52.3	0.0	-31.6	-2.4
29	Equipment	-0.1	2.4	-2.5	14.5	20.7	6.2	20.6
30	Intellectual property products	0.6	3.5	31.1	-8.5	-11.9	6.2	4.7
31	Software	4.7	2.5	1.8	5.8	11.7	17.9	11.6
32	Research and development	-0.8	3.8	41.9	-12.4	-18.3	2.5	2.4
33	State and local	1.3	0.9	0.1	1.2	-0.1	0.2	4.4
34	Consumption expenditures	1.2	0.4	1.1	-0.6	2.5	3.2	6.9
35	Gross investment	1.8	3.1	-4.3	9.6	-10.7	-12.4	-6.5
36	Structures	1.6	2.7	-12.4	9.6	-14.4	-14.3	-7.7
37	Equipment	2.3	3.4	40.6	9.1	-4.6	-16.3	-13.1
38	Intellectual property products	2.7	5.6	22.8	9.8	12.8	6.7	9.3
39	Software	3.2	8.1	11.8	11.2	26.1	12.6	14.8
40	Research and development	2.2	3.2	34.9	8.4	1.0	1.0	3.9

Legend / Footnotes:

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

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	Government consumption expenditures and gross investment	2.2	2.5	-2.1	-0.5	4.2	-2.0	0.8
	Percentage points at annual rates:							
2	Consumption expenditures ¹	1.63	1.62	-2.29	-1.54	5.63	-0.90	0.73
3	Gross investment ²	0.57	0.84	0.19	1.04	-1.40	-1.10	0.03
4	Structures	0.25	0.36	-1.12	0.48	-1.43	-1.46	-0.63
5	Equipment	0.28	0.15	0.01	0.54	0.00	-0.11	0.25
6	Intellectual property products	0.05	0.33	1.30	0.03	0.02	0.47	0.41
7	Software	0.07	0.08	0.09	0.13	0.29	0.25	0.22
8	Research and development	-0.03	0.25	1.20	-0.10	-0.27	0.22	0.19
9	Federal	1.41	1.89	-2.16	-1.24	4.28	-2.11	-1.87
10	Consumption expenditures	1.04	1.41	-2.83	-1.24	4.40	-2.46	-2.63
11	Gross investment	0.37	0.48	0.68	0.00	-0.13	0.35	0.76
12	Structures	0.11	0.12	0.05	-0.34	-0.07	-0.16	0.04
13	Equipment	0.25	0.11	-0.43	0.42	0.07	0.12	0.42
14	Intellectual property products	0.02	0.26	1.06	-0.08	-0.13	0.39	0.30
15	Software	0.06	0.03	0.03	0.06	0.15	0.18	0.13
16	Research and development	-0.04	0.23	1.03	-0.14	-0.28	0.21	0.17
17	National defense	1.16	0.66	0.39	1.18	-1.36	-0.24	-0.31
18	Consumption expenditures	0.88	0.34	0.50	0.65	-1.52	-0.51	-0.83
19	Gross investment	0.28	0.31	-0.11	0.53	0.16	0.27	0.52
20	Structures	0.03	0.06	0.10	-0.02	-0.07	-0.02	0.05
21	Equipment	0.25	0.09	-0.42	0.35	-0.04	0.08	0.31
22	Intellectual property products	0.00	0.15	0.21	0.20	0.27	0.21	0.16
23	Software	0.02	0.01	0.02	0.02	0.06	0.05	0.04
24	Research and development	-0.02	0.14	0.19	0.18	0.20	0.16	0.11
25	Nondefense	0.25	1.23	-2.54	-2.42	5.64	-1.87	-1.55
26	Consumption expenditures	0.16	1.06	-3.33	-1.89	5.93	-1.95	-1.80
27	Gross investment	0.09	0.17	0.79	-0.53	-0.29	0.08	0.24
28	Structures	0.07	0.05	-0.05	-0.32	0.00	-0.14	-0.01
29	Equipment	0.00	0.01	-0.01	0.07	0.10	0.03	0.11
30	Intellectual property products	0.02	0.11	0.85	-0.28	-0.39	0.18	0.14
31	Software	0.04	0.02	0.01	0.04	0.08	0.13	0.09
32	Research and development	-0.02	0.09	0.84	-0.33	-0.48	0.06	0.06
33	State and local	0.79	0.57	0.05	0.74	-0.05	0.10	2.63
34	Consumption expenditures	0.59	0.22	0.55	-0.30	1.22	1.56	3.36
35	Gross investment	0.20	0.35	-0.49	1.04	-1.28	-1.45	-0.73
36	Structures	0.14	0.24	-1.17	0.81	-1.36	-1.30	-0.67
37	Equipment	0.03	0.04	0.44	0.12	-0.06	-0.23	-0.18
38	Intellectual property products	0.03	0.06	0.24	0.11	0.15	0.08	0.11
39	Software	0.02	0.05	0.06	0.06	0.14	0.07	0.09
40	Research and development	0.01	0.02	0.17	0.05	0.01	0.01	0.02

Legend / Footnotes:

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

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

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

Indexes

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	104.561	107.133	107.134	107.000	108.113	107.566	107.770
2	Consumption expenditures ¹	104.003	106.110	106.158	105.645	107.499	107.192	107.437
3	Gross investment ²	106.877	111.371	111.181	112.609	110.655	109.111	109.146
4	Structures	103.187	107.085	105.244	106.555	102.592	98.546	96.830
5	Equipment	111.321	115.175	114.788	118.354	118.311	117.537	119.229
6	Intellectual property products	109.829	115.774	118.474	118.604	118.685	120.908	122.845
7	Software	150.844	157.964	157.603	160.550	167.456	173.613	178.978
8	Research and development	98.563	104.159	107.578	107.026	105.475	106.739	107.848
9	Federal	99.241	104.169	104.861	104.026	106.855	105.415	104.149
10	Consumption expenditures	97.989	102.659	103.130	102.069	105.789	103.657	101.393
11	Gross investment	103.783	109.655	111.152	111.140	110.714	111.811	114.210
12	Structures	83.722	99.432	104.811	93.041	90.720	85.232	86.494
13	Equipment	107.673	111.400	109.443	113.278	113.831	114.904	118.861
14	Intellectual property products	104.243	109.849	112.792	112.338	111.633	113.790	115.440
15	Software	148.199	152.687	151.564	153.725	158.951	165.378	170.109
16	Research and development	95.096	100.866	104.534	103.609	101.841	103.213	104.298
17	National defense	95.621	98.373	98.459	99.733	98.248	97.986	97.644
18	Consumption expenditures	95.273	97.070	97.219	98.090	96.040	95.349	94.231
19	Gross investment	97.131	103.844	103.673	106.613	107.479	109.008	111.920
20	Structures	74.954	98.729	106.071	104.409	98.120	96.538	100.693
21	Equipment	109.125	113.146	110.987	114.891	114.393	115.327	118.940
22	Intellectual property products	85.872	93.304	94.343	96.800	100.062	102.634	104.584
23	Software	151.542	158.042	157.777	160.040	167.509	173.679	178.958
24	Research and development	76.951	84.417	85.601	88.049	90.776	92.896	94.436
25	Nondefense	105.470	113.997	115.691	111.385	121.328	117.941	115.144
26	Consumption expenditures	103.085	112.845	113.890	109.413	123.355	118.663	114.359
27	Gross investment	112.617	117.421	121.062	117.270	115.190	115.737	117.489
28	Structures	88.609	99.671	103.944	86.366	86.367	78.553	78.081
29	Equipment	101.638	104.091	103.011	106.554	111.683	113.363	118.801
30	Intellectual property products	118.692	122.836	127.296	124.515	120.644	122.467	123.873
31	Software	146.732	150.340	148.842	150.957	155.207	161.744	166.236
32	Research and development	111.111	115.366	121.246	117.311	111.538	112.241	112.921
33	State and local	108.220	109.217	108.758	109.092	109.062	109.105	110.278
34	Consumption expenditures	107.903	108.366	108.144	107.982	108.644	109.497	111.330
35	Gross investment	109.659	113.070	111.538	114.116	110.942	107.322	105.524
36	Structures	104.843	107.722	105.257	107.699	103.595	99.675	97.701
37	Equipment	120.729	124.890	128.689	131.529	130.004	124.341	120.062
38	Intellectual property products	140.675	148.502	149.750	153.288	157.964	160.533	164.127
39	Software	156.401	169.067	170.308	174.906	185.349	190.938	197.633
40	Research and development	127.783	131.837	133.071	135.780	136.121	136.444	137.739

Legend / Footnotes:

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	113.246	114.861	114.921	115.768	117.292	119.031	120.613
2	Consumption expenditures ¹	113.676	115.318	115.315	116.226	117.838	119.543	121.050
3	Gross investment ²	111.488	112.999	113.300	113.902	115.086	116.956	118.836
4	Structures	119.196	121.148	121.543	122.061	124.322	127.594	130.616
5	Equipment	101.986	102.059	102.174	102.420	102.839	103.964	105.290
6	Intellectual property products	107.122	109.085	109.403	110.372	110.683	111.298	112.164
7	Software	95.899	95.099	94.936	95.191	94.254	94.107	94.042
8	Research and development	111.302	114.488	115.021	116.293	117.168	118.137	119.443
9	Federal	110.781	112.018	112.269	112.959	114.065	115.228	116.539
10	Consumption expenditures	112.024	113.168	113.425	114.076	115.350	116.582	117.985
11	Gross investment	106.496	108.033	108.266	109.078	109.638	110.571	111.589
12	Structures	120.304	122.667	123.083	123.985	126.260	129.864	132.709
13	Equipment	101.454	101.677	101.675	102.158	102.543	103.545	104.455
14	Intellectual property products	108.146	110.452	110.812	111.824	112.300	112.894	113.788
15	Software	96.025	95.050	94.809	95.056	94.381	93.923	93.806
16	Research and development	111.603	115.020	115.582	116.838	117.703	118.664	119.915
17	National defense	108.865	110.039	110.264	110.939	112.152	113.335	114.595
18	Consumption expenditures	109.830	110.961	111.199	111.847	113.262	114.511	115.898
19	Gross investment	104.965	106.299	106.481	107.251	107.732	108.677	109.502
20	Structures	122.316	124.490	125.079	127.014	130.787	135.584	138.755
21	Equipment	100.622	100.792	100.767	101.341	101.639	102.415	103.089
22	Intellectual property products	109.050	112.028	112.457	113.364	113.716	114.469	115.243
23	Software	94.941	93.921	93.770	93.853	92.603	92.794	92.758
24	Research and development	112.095	116.176	116.763	117.884	118.665	119.566	120.559
25	Nondefense	113.775	115.108	115.403	116.118	117.070	118.207	119.593
26	Consumption expenditures	115.755	116.920	117.218	117.878	118.935	120.147	121.579
27	Gross investment	108.244	110.018	110.308	111.168	111.822	112.740	113.998
28	Structures	119.379	121.848	122.194	122.467	123.770	126.599	129.233
29	Equipment	104.949	105.437	105.541	105.576	106.376	108.425	110.409
30	Intellectual property products	107.548	109.463	109.782	110.854	111.408	111.899	112.872
31	Software	96.510	95.556	95.273	95.597	95.195	94.427	94.272
32	Research and development	111.237	114.235	114.781	116.123	117.045	118.050	119.489
33	State and local	114.863	116.725	116.659	117.611	119.416	121.544	123.305
34	Consumption expenditures	114.736	116.682	116.519	117.593	119.419	121.425	122.996
35	Gross investment	115.435	116.921	117.285	117.706	119.416	122.101	124.760
36	Structures	119.124	121.046	121.440	121.928	124.188	127.436	130.471
37	Equipment	103.218	102.932	103.312	103.020	103.518	104.935	107.323
38	Intellectual property products	102.602	103.181	103.327	104.118	103.783	104.474	105.229
39	Software	95.655	95.196	95.183	95.455	94.040	94.457	94.483
40	Research and development	109.289	111.018	111.346	112.718	113.661	114.675	116.330

Legend / Footnotes:

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

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

Table 3.9.5. Government Consumption Expenditures and Gross Investment

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	3,713.9	3,859.5	3,861.7	3,885.3	3,977.3	4,015.9	4,077.0
2	Consumption expenditures ¹	2,973.9	3,078.0	3,079.4	3,088.7	3,186.5	3,223.4	3,271.5
3	Gross investment ²	740.0	781.5	782.3	796.5	790.8	792.5	805.5
4	Structures	353.7	373.0	367.8	374.0	366.8	361.6	363.7
5	Equipment	162.4	168.1	167.8	173.4	174.1	174.8	179.5
6	Intellectual property products	224.0	240.4	246.7	249.1	250.0	256.1	262.2
7	Software	62.6	65.0	64.8	66.1	68.3	70.7	72.8
8	Research and development	161.3	175.4	181.9	183.0	181.7	185.4	189.4
9	Federal	1,414.9	1,501.8	1,515.1	1,512.3	1,568.6	1,563.3	1,562.1
10	Consumption expenditures	1,097.4	1,161.4	1,169.4	1,164.1	1,219.9	1,208.1	1,196.0
11	Gross investment	317.5	340.3	345.7	348.2	348.7	355.1	366.1
12	Structures	22.7	27.5	29.1	26.1	25.9	25.0	25.9
13	Equipment	113.6	117.8	115.7	120.3	121.3	123.7	129.1
14	Intellectual property products	181.2	195.0	200.9	201.9	201.5	206.5	211.1
15	Software	41.8	42.6	42.2	42.9	44.0	45.6	46.8
16	Research and development	139.5	152.4	158.7	159.0	157.4	160.9	164.3
17	National defense	847.5	881.3	883.9	900.8	897.1	904.1	911.0
18	Consumption expenditures	680.5	700.5	703.0	713.5	707.4	710.0	710.2
19	Gross investment	167.0	180.9	180.8	187.3	189.7	194.1	200.8
20	Structures	7.4	10.0	10.7	10.7	10.4	10.6	11.3
21	Equipment	93.6	97.2	95.3	99.2	99.1	100.7	104.5
22	Intellectual property products	66.0	73.7	74.8	77.3	80.2	82.8	85.0
23	Software	13.0	13.4	13.4	13.6	14.0	14.6	15.0
24	Research and development	53.0	60.3	61.4	63.8	66.2	68.2	70.0
25	Nondefense	567.4	620.5	631.3	611.5	671.6	659.2	651.1
26	Consumption expenditures	416.9	461.0	466.4	450.6	512.6	498.1	485.7
27	Gross investment	150.5	159.5	164.8	160.9	159.0	161.1	165.3
28	Structures	15.3	17.6	18.4	15.3	15.5	14.4	14.6
29	Equipment	20.0	20.6	20.4	21.1	22.3	23.0	24.6
30	Intellectual property products	115.2	121.3	126.1	124.5	121.3	123.6	126.1
31	Software	28.8	29.2	28.8	29.3	30.0	31.0	31.8
32	Research and development	86.4	92.2	97.3	95.2	91.3	92.6	94.3
33	State and local	2,299.0	2,357.8	2,346.5	2,373.0	2,408.7	2,452.6	2,514.9
34	Consumption expenditures	1,876.5	1,916.5	1,909.9	1,924.7	1,966.5	2,015.3	2,075.5
35	Gross investment	422.5	441.2	436.6	448.3	442.2	437.3	439.4
36	Structures	330.9	345.5	338.7	348.0	340.9	336.6	337.8
37	Equipment	48.8	50.4	52.1	53.1	52.7	51.1	50.5
38	Intellectual property products	42.7	45.4	45.8	47.3	48.5	49.7	51.1
39	Software	20.8	22.4	22.6	23.3	24.3	25.1	26.0
40	Research and development	21.9	22.9	23.2	24.0	24.3	24.5	25.1

Legend / Footnotes:

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures and gross investment	3,279.5	3,360.2	3,360.2	3,356.0	3,390.9	3,373.8	3,380.2
2	Consumption expenditures ¹	2,616.1	2,669.1	2,670.3	2,657.4	2,704.1	2,696.4	2,702.5
3	Gross investment ²	663.7	691.6	690.5	699.3	687.2	677.6	677.8
4	Structures	296.7	307.9	302.6	306.4	295.0	283.4	278.4
5	Equipment	159.3	164.9	164.3	169.4	169.4	168.2	170.7
6	Intellectual property products	209.1	220.4	225.5	225.8	225.9	230.2	233.8
7	Software	65.3	68.4	68.2	69.5	72.5	75.1	77.5
8	Research and development	145.0	153.2	158.2	157.4	155.1	157.0	158.6
9	Federal	1,277.2	1,340.7	1,349.6	1,338.8	1,375.2	1,356.7	1,340.4
10	Consumption expenditures	979.6	1,026.3	1,031.0	1,020.4	1,057.6	1,036.3	1,013.6
11	Gross investment	298.2	315.0	319.3	319.3	318.1	321.2	328.1
12	Structures	18.9	22.5	23.7	21.0	20.5	19.2	19.5
13	Equipment	111.9	115.8	113.8	117.8	118.3	119.5	123.6
14	Intellectual property products	167.6	176.6	181.3	180.6	179.4	182.9	185.6
15	Software	43.5	44.8	44.5	45.1	46.6	48.5	49.9
16	Research and development	125.0	132.5	137.4	136.1	133.8	135.6	137.1
17	National defense	778.5	800.9	801.6	812.0	799.9	797.8	795.0
18	Consumption expenditures	619.6	631.3	632.2	637.9	624.6	620.1	612.8
19	Gross investment	159.1	170.1	169.9	174.7	176.1	178.6	183.4
20	Structures	6.1	8.0	8.6	8.5	8.0	7.8	8.2
21	Equipment	93.0	96.4	94.6	97.9	97.5	98.3	101.4
22	Intellectual property products	60.5	65.8	66.5	68.3	70.6	72.4	73.7
23	Software	13.7	14.3	14.3	14.5	15.1	15.7	16.2
24	Research and development	47.3	51.9	52.6	54.1	55.8	57.1	58.1
25	Nondefense	498.7	539.0	547.0	526.7	573.7	557.7	544.4
26	Consumption expenditures	360.2	394.3	397.9	382.3	431.0	414.6	399.6
27	Gross investment	139.0	145.0	149.5	144.8	142.2	142.9	145.0
28	Structures	12.8	14.4	15.1	12.5	12.5	11.4	11.3
29	Equipment	19.0	19.5	19.3	20.0	20.9	21.2	22.3
30	Intellectual property products	107.1	110.8	114.9	112.4	108.9	110.5	111.8
31	Software	29.8	30.5	30.2	30.7	31.5	32.8	33.8
32	Research and development	77.7	80.7	84.8	82.0	78.0	78.5	79.0
33	State and local	2,001.5	2,019.9	2,011.4	2,017.6	2,017.1	2,017.9	2,039.6
34	Consumption expenditures	1,635.5	1,642.5	1,639.2	1,636.7	1,646.7	1,659.7	1,687.4
35	Gross investment	366.0	377.4	372.2	380.9	370.3	358.2	352.2
36	Structures	277.8	285.4	278.9	285.4	274.5	264.1	258.9
37	Equipment	47.3	48.9	50.4	51.5	50.9	48.7	47.0
38	Intellectual property products	41.7	44.0	44.3	45.4	46.8	47.5	48.6
39	Software	21.8	23.6	23.7	24.4	25.8	26.6	27.5
40	Research and development	20.0	20.7	20.9	21.3	21.3	21.4	21.6
41	Residual	-2.1	-2.2	-2.4	-3.5	-3.3	-4.2	-4.7

Legend / Footnotes:

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	2.0	2.0	-2.8	-1.9	7.2	-1.1	0.9
2	Gross output of general government	1.8	0.5	2.3	-1.1	6.1	-0.2	0.9
3	Value added	1.1	-0.1	7.1	-2.3	1.0	2.4	5.0
4	Compensation of general government employees	1.0	-0.6	8.6	-3.4	0.8	2.5	5.8
5	Consumption of general government fixed capital ²	1.5	1.7	1.9	2.0	2.0	2.0	2.0
6	Intermediate goods and services purchased ³	3.4	1.7	-7.0	1.5	16.7	-4.9	-6.5
7	Durable goods	5.6	8.2	-7.1	-19.8	-7.5	-11.6	4.9
8	Nondurable goods	1.4	-2.1	9.7	7.7	21.0	4.3	-1.6
9	Services	4.1	2.5	-12.0	1.9	17.8	-7.9	-9.5
10	Less: Own-account investment ⁴	2.1	2.4	7.4	3.7	4.2	2.4	3.5
11	Less: Sales to other sectors ⁵	0.8	-8.4	40.4	3.3	-0.3	5.2	0.4
12	Federal consumption expenditures ¹	3.6	4.8	-8.9	-4.1	15.4	-7.8	-8.5
13	Gross output of general government	3.5	4.5	-8.4	-3.5	14.9	-6.1	-8.6
14	Value added	1.1	2.7	5.0	-1.7	0.3	1.2	0.0
15	Compensation of general government employees	0.9	3.4	6.8	-3.8	-0.7	0.6	-1.3
16	Consumption of general government fixed capital ²	1.3	1.7	1.9	2.0	2.2	2.2	2.2
17	Intermediate goods and services purchased ³	8.5	7.7	-27.7	-6.9	46.0	-17.3	-22.4
18	Durable goods	7.8	13.3	-10.9	-30.4	-12.9	-18.8	6.7
19	Nondurable goods	2.1	0.2	-2.5	17.2	144.8	6.8	-23.7
20	Services	9.7	8.0	-33.0	-5.3	45.2	-21.1	-25.8
21	Less: Own-account investment ⁴	3.7	2.7	3.7	5.6	7.1	5.5	4.3
22	Less: Sales to other sectors	0.6	-19.6	4.9	22.3	-2.9	390.6	-58.1
23	Defense consumption expenditures ¹	4.9	1.9	2.8	3.6	-8.1	-2.8	-4.6
24	Gross output of general government	4.8	1.9	2.8	3.7	-7.6	-2.6	-4.3
25	Value added	1.1	1.8	0.1	1.1	2.2	0.7	-0.6
26	Compensation of general government employees	1.6	2.3	-0.8	0.8	2.3	0.0	-2.3
27	Consumption of general government fixed capital ²	0.3	1.1	1.5	1.7	1.9	2.0	2.1
28	Intermediate goods and services purchased ³	11.1	2.0	7.4	7.8	-21.4	-7.9	-10.4
29	Durable goods	8.4	5.1	-12.8	-6.5	-8.7	-16.9	5.1
30	Nondurable goods	-1.9	2.0	5.2	5.6	-3.8	-3.0	2.1
31	Services	13.6	1.3	13.1	11.5	-25.6	-6.4	-15.0
32	Less: Own-account investment ⁴	2.8	2.8	3.8	5.1	6.7	4.5	2.1
33	Less: Sales to other sectors	3.1	-0.4	-0.4	-1.8	2.4	-0.4	1.5
34	Nondefense consumption expenditures ¹	1.4	9.5	-23.7	-14.8	61.6	-14.4	-13.7
35	Gross output of general government	1.5	8.5	-22.3	-13.5	57.6	-10.7	-14.3
36	Value added	1.0	4.0	11.9	-5.2	-2.0	1.8	0.9
37	Compensation of general government employees	-0.1	4.9	18.0	-9.6	-4.7	1.4	0.0
38	Consumption of general government fixed capital ²	2.7	2.5	2.4	2.4	2.5	2.4	2.3
39	Intermediate goods and services purchased ³	3.0	20.0	-62.0	-30.1	317.0	-29.2	-37.9
40	Durable goods	1.7	104.4	-1.6	-87.5	-40.1	-33.0	21.0
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	6.6	-0.7	-12.0	25.0	378.4	12.2	-35.9
44	Services	2.2	22.3	-70.2	-31.0	339.9	-37.8	-39.7
45	Less: Own-account investment ⁴	4.7	2.6	3.6	6.1	7.5	6.5	6.6
46	Less: Sales to other sectors	-1.0	-32.1	11.3	52.9	-7.9	1,384.5	-75.0
47	State and local consumption expenditures ¹	1.2	0.4	1.1	-0.6	2.5	3.2	6.9
48	Gross output of general government	1.1	-1.4	8.2	0.2	1.9	2.9	5.9
49	Value added	1.1	-1.4	8.1	-2.6	1.4	3.0	7.4
50	Compensation of general government employees	1.0	-1.9	9.2	-3.3	1.3	3.1	8.3
51	Consumption of general government fixed capital ²	1.7	1.8	1.8	1.9	1.9	1.8	1.8

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	1.0	-1.4	8.1	6.5	3.0	2.7	2.9
53	Durable goods	1.9	-0.4	1.2	5.4	3.0	2.0	2.0
54	Nondurable goods	1.3	-2.6	12.3	5.9	4.3	3.8	3.9
55	Services	0.9	-0.8	6.7	6.8	2.4	2.1	2.4
56	Less: Own-account investment ⁴	0.4	2.0	11.3	1.7	1.3	-0.8	2.7
57	Less: Sales to other sectors	0.8	-8.2	41.1	3.1	-0.2	2.1	2.3
58	Tuition and related educational charges	0.2	-1.7	-0.5	0.8	2.4	2.4	2.4
59	Health and hospital charges	0.9	-6.9	71.7	6.2	-2.7	2.2	0.3
60	Other sales ⁵	1.0	-14.2	28.4	-0.9	2.6	1.6	5.9

Legend / Footnotes:

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

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

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

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

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

Table 3.10.3. Real Government Consumption Expenditures and General Government Gross

Output, Quantity Indexes

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	104.003	106.110	106.158	105.645	107.499	107.192	107.437
2	Gross output of general government	105.790	106.290	106.420	106.136	107.709	107.657	107.904
3	Value added	102.858	102.732	103.068	102.471	102.735	103.341	104.601
4	Compensation of general government employees	102.059	101.435	101.795	100.913	101.104	101.725	103.169
5	Consumption of general government fixed capital ²	105.828	107.651	107.890	108.416	108.965	109.512	110.061
6	Intermediate goods and services purchased ³	112.255	114.156	113.797	114.223	118.732	117.235	115.287
7	Durable goods	104.676	113.295	116.762	110.491	108.368	105.078	106.336
8	Nondurable goods	119.681	117.117	116.635	118.807	124.615	125.945	125.433
9	Services	109.850	112.633	111.950	112.465	117.167	114.767	111.923
10	Less: Own-account investment ⁴	112.096	114.750	115.272	116.314	117.523	118.221	119.245
11	Less: Sales to other sectors ⁵	115.706	105.940	106.482	107.361	107.286	108.667	108.782
12	Federal consumption expenditures ¹	97.989	102.659	103.130	102.069	105.789	103.657	101.393
13	Gross output of general government	98.460	102.860	103.281	102.359	105.978	104.335	102.022
14	Value added	98.906	101.624	102.581	102.154	102.242	102.541	102.542
15	Compensation of general government employees	96.412	99.680	101.050	100.075	99.893	100.034	99.704
16	Consumption of general government fixed capital ²	102.966	104.714	104.947	105.477	106.040	106.611	107.195
17	Intermediate goods and services purchased ³	98.065	105.598	105.011	103.164	113.406	108.140	101.513
18	Durable goods	97.591	110.581	115.785	105.743	102.160	96.990	98.569
19	Nondurable goods	96.470	96.615	95.385	99.244	124.144	126.215	117.961
20	Services	98.400	106.258	104.839	103.420	113.531	107.015	99.329
21	Less: Own-account investment ⁴	110.335	113.293	113.559	115.120	117.113	118.682	119.927
22	Less: Sales to other sectors	100.553	80.877	76.387	80.329	79.733	118.662	95.469
23	Defense consumption expenditures ¹	95.273	97.070	97.219	98.090	96.040	95.349	94.231
24	Gross output of general government	95.377	97.192	97.347	98.224	96.315	95.689	94.635
25	Value added	94.619	96.369	96.564	96.836	97.357	97.538	97.382
26	Compensation of general government employees	94.637	96.805	97.022	97.212	97.771	97.768	97.211
27	Consumption of general government fixed capital ²	94.469	95.530	95.688	96.097	96.555	97.036	97.546
28	Intermediate goods and services purchased ³	97.017	98.945	99.037	100.910	95.025	93.091	90.582
29	Durable goods	96.910	101.821	102.851	101.145	98.881	94.411	95.595
30	Nondurable goods	92.963	94.861	95.244	96.555	95.613	94.898	95.384
31	Services	97.512	98.787	98.638	101.353	94.116	92.581	88.891
32	Less: Own-account investment ⁴	97.973	100.679	100.998	102.270	103.953	105.100	105.643
33	Less: Sales to other sectors	97.939	97.587	97.707	97.266	97.851	97.744	98.112
34	Nondefense consumption expenditures ¹	103.085	112.845	113.890	109.413	123.355	118.663	114.359
35	Gross output of general government	104.105	113.004	113.893	109.848	123.085	119.667	115.152
36	Value added	105.581	109.769	111.890	110.397	109.828	110.306	110.546
37	Compensation of general government employees	99.133	103.984	107.027	104.370	103.120	103.470	103.467
38	Consumption of general government fixed capital ²	117.210	120.105	120.463	121.194	121.932	122.654	123.361
39	Intermediate goods and services purchased ³	100.813	121.012	118.963	108.789	155.457	142.613	126.613
40	Durable goods	106.242	217.204	272.741	162.264	142.746	129.127	135.416
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	101.744	100.993	98.293	103.942	153.723	158.212	141.559
44	Services	100.401	122.761	118.553	108.039	156.464	138.928	122.402
45	Less: Own-account investment ⁴	127.455	130.763	130.959	132.920	135.341	137.493	139.708
46	Less: Sales to other sectors	102.415	69.563	61.965	68.900	67.506	132.507	93.737
47	State and local consumption expenditures ¹	107.903	108.366	108.144	107.982	108.644	109.497	111.330
48	Gross output of general government	109.664	108.124	108.103	108.151	108.660	109.433	111.006
49	Value added	104.767	103.290	103.333	102.655	103.002	103.756	105.619
50	Compensation of general government employees	104.013	102.041	102.054	101.202	101.522	102.311	104.379
51	Consumption of general government fixed capital ²	109.841	111.770	112.016	112.537	113.068	113.584	114.088

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Table 3.10.3. Real Government Consumption Expenditures and General Government Gross

Output, Quantity Indexes

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	121.050	119.366	119.172	121.050	121.959	122.776	123.664
53	Durable goods	119.443	119.008	118.865	120.431	121.336	121.937	122.535
54	Nondurable goods	125.128	121.902	121.610	123.365	124.668	125.829	127.037
55	Services	118.773	117.787	117.647	119.600	120.305	120.945	121.666
56	Less: Own-account investment ⁴	113.940	116.272	117.066	117.556	117.930	117.703	118.493
57	Less: Sales to other sectors	116.041	106.491	107.144	107.956	107.893	108.449	109.079
58	Tuition and related educational charges	104.233	102.481	102.258	102.470	103.085	103.704	104.326
59	Health and hospital charges	123.894	115.340	117.615	119.407	118.581	119.240	119.342
60	Other sales ⁵	112.022	96.159	95.017	94.795	95.412	95.781	97.166

Legend / Footnotes:

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

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

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	113.676	115.318	115.315	116.226	117.838	119.543	121.050
2	Gross output of general government	113.731	115.561	115.637	116.492	118.036	119.597	121.012
3	Value added	117.572	120.965	121.045	121.869	122.298	123.270	124.247
4	Compensation of general government employees	119.557	123.431	123.423	124.293	124.537	125.291	126.025
5	Consumption of general government fixed capital ²	110.583	112.325	112.699	113.371	114.415	116.111	117.902
6	Intermediate goods and services purchased ³	106.095	105.101	105.162	106.069	109.543	112.109	114.288
7	Durable goods	103.884	104.392	104.586	104.496	105.074	106.119	107.469
8	Nondurable goods	90.169	83.904	83.758	85.944	94.647	99.880	103.806
9	Services	114.262	115.732	115.905	116.303	117.495	118.870	120.225
10	Less: Own-account investment ⁴	112.101	114.651	115.053	116.020	117.279	118.672	120.249
11	Less: Sales to other sectors ⁵	114.371	117.174	117.663	118.156	119.330	120.035	120.856
12	Federal consumption expenditures ¹	112.024	113.168	113.425	114.076	115.350	116.582	117.985
13	Gross output of general government	111.995	113.230	113.498	114.164	115.434	116.661	118.080
14	Value added	114.174	116.022	116.366	117.350	118.351	119.467	120.867
15	Compensation of general government employees	118.030	119.828	120.178	121.188	122.393	123.597	125.097
16	Consumption of general government fixed capital ²	108.314	110.239	110.573	111.519	112.210	113.193	114.443
17	Intermediate goods and services purchased ³	107.755	107.933	108.074	108.189	109.893	111.287	112.732
18	Durable goods	103.626	104.276	104.513	104.361	104.869	105.879	106.997
19	Nondurable goods	94.426	88.961	89.623	88.467	94.193	96.836	100.086
20	Services	111.172	112.336	112.376	112.781	113.863	115.027	116.090
21	Less: Own-account investment ⁴	111.528	114.762	115.263	116.232	117.391	118.731	120.334
22	Less: Sales to other sectors	111.115	113.030	113.456	114.308	115.900	115.971	118.199
23	Defense consumption expenditures ¹	109.830	110.961	111.199	111.847	113.262	114.511	115.898
24	Gross output of general government	109.824	111.046	111.293	111.952	113.354	114.602	115.993
25	Value added	111.734	113.955	114.393	115.224	116.192	117.276	118.643
26	Compensation of general government employees	114.289	116.678	117.225	117.910	118.995	120.122	121.587
27	Consumption of general government fixed capital ²	107.899	109.860	110.126	111.189	111.975	112.993	114.208
28	Intermediate goods and services purchased ³	106.444	106.183	106.145	106.547	108.596	110.098	111.526
29	Durable goods	103.523	104.021	104.235	104.109	104.622	105.517	106.531
30	Nondurable goods	83.445	73.146	72.296	73.110	82.423	86.502	90.759
31	Services	111.003	112.161	112.193	112.659	113.888	115.100	116.132
32	Less: Own-account investment ⁴	109.541	113.196	113.703	114.663	115.756	117.119	118.760
33	Less: Sales to other sectors	110.689	112.631	112.973	113.620	114.726	115.031	115.453
34	Nondefense consumption expenditures ¹	115.755	116.920	117.218	117.878	118.935	120.147	121.579
35	Gross output of general government	115.610	116.865	117.174	117.855	118.928	120.127	121.594
36	Value added	117.818	119.144	119.361	120.560	121.610	122.773	124.222
37	Compensation of general government employees	123.544	124.486	124.562	126.036	127.418	128.734	130.284
38	Consumption of general government fixed capital ²	108.906	110.782	111.207	111.998	112.562	113.501	114.795
39	Intermediate goods and services purchased ³	110.414	111.494	112.000	111.533	112.635	113.877	115.361
40	Durable goods	104.499	106.266	106.649	106.336	106.807	108.823	110.862
41	Nondurable goods	---	---	---	---	---	---	---
42	Commodity Credit Corporation inventory change	---	---	---	---	---	---	---
43	Other nondurable goods	107.329	107.407	110.102	106.711	108.928	110.547	113.118
44	Services	111.491	112.659	112.720	113.010	113.822	114.923	116.036
45	Less: Own-account investment ⁴	114.129	116.914	117.411	118.395	119.631	120.950	122.518
46	Less: Sales to other sectors	111.310	113.234	113.684	114.710	116.773	116.802	120.037
47	State and local consumption expenditures ¹	114.736	116.682	116.519	117.593	119.419	121.425	122.996
48	Gross output of general government	114.637	116.763	116.740	117.695	119.379	121.114	122.527
49	Value added	119.255	123.395	123.344	124.091	124.235	125.136	125.905
50	Compensation of general government employees	120.130	124.710	124.576	125.398	125.304	125.902	126.371
51	Consumption of general government fixed capital ²	113.691	115.188	115.616	115.924	117.441	120.092	122.610

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	105.220	103.613	103.645	104.977	109.425	112.647	115.213
53	Durable goods	104.320	104.568	104.666	104.694	105.396	106.501	108.237
54	Nondurable goods	89.352	82.945	82.653	85.452	94.793	100.627	104.707
55	Services	116.276	117.950	118.217	118.607	119.875	121.398	122.946
56	Less: Own-account investment ⁴	112.716	114.561	114.861	115.825	117.189	118.639	120.188
57	Less: Sales to other sectors	114.443	117.262	117.753	118.239	119.406	120.127	120.913
58	Tuition and related educational charges	123.131	124.826	124.992	124.670	125.064	125.516	126.138
59	Health and hospital charges	111.937	115.442	116.271	116.758	118.218	118.737	119.137
60	Other sales ⁵	113.301	115.631	115.745	116.732	117.856	119.108	120.685

Legend / Footnotes:

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

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	2,973.9	3,078.0	3,079.4	3,088.7	3,186.5	3,223.4	3,271.5
2	Gross output of general government	3,601.9	3,677.2	3,684.1	3,701.5	3,806.1	3,854.6	3,909.1
3	Value added	2,405.5	2,471.9	2,481.8	2,484.2	2,499.4	2,534.1	2,585.3
4	Compensation of general government employees	1,898.8	1,948.4	1,955.3	1,952.1	1,959.6	1,983.6	2,023.5
5	Consumption of general government fixed capital ²	506.7	523.5	526.4	532.1	539.8	550.5	561.8
6	Intermediate goods and services purchased ³	1,196.4	1,205.3	1,202.4	1,217.3	1,306.8	1,320.5	1,323.8
7	Durable goods	78.7	85.5	88.3	83.5	82.4	80.7	82.7
8	Nondurable goods	321.1	292.4	290.4	303.5	350.6	373.9	387.1
9	Services	796.7	827.4	823.6	830.2	873.8	865.9	854.1
10	Less: Own-account investment ⁴	92.8	97.1	97.9	99.6	101.7	103.5	105.8
11	Less: Sales to other sectors ⁵	535.3	502.1	506.8	513.2	517.9	527.7	531.8
12	Federal consumption expenditures ¹	1,097.4	1,161.4	1,169.4	1,164.1	1,219.9	1,208.1	1,196.0
13	Gross output of general government	1,154.2	1,219.0	1,226.9	1,223.1	1,280.5	1,274.0	1,260.9
14	Value added	749.4	782.5	792.2	795.5	803.0	812.9	822.5
15	Compensation of general government employees	465.5	488.6	496.7	496.0	500.1	505.7	510.1
16	Consumption of general government fixed capital ²	284.0	293.9	295.4	299.5	302.9	307.2	312.3
17	Intermediate goods and services purchased ³	404.7	436.5	434.8	427.6	477.5	461.1	438.4
18	Durable goods	49.4	56.4	59.1	53.9	52.4	50.2	51.5
19	Nondurable goods	50.9	48.0	47.8	49.1	65.3	68.3	66.0
20	Services	304.4	332.2	327.9	324.6	359.8	342.6	320.9
21	Less: Own-account investment ⁴	46.8	49.4	49.7	50.9	52.2	53.6	54.8
22	Less: Sales to other sectors	10.0	8.2	7.8	8.2	8.3	12.3	10.1
23	Defense consumption expenditures ¹	680.5	700.5	703.0	713.5	707.4	710.0	710.2
24	Gross output of general government	708.4	729.9	732.7	743.7	738.3	741.6	742.3
25	Value added	430.9	447.6	450.2	454.8	461.1	466.2	470.9
26	Compensation of general government employees	268.2	280.1	282.1	284.3	288.5	291.3	293.1
27	Consumption of general government fixed capital ²	162.7	167.5	168.2	170.5	172.6	175.0	177.8
28	Intermediate goods and services purchased ³	277.5	282.3	282.4	288.9	277.3	275.4	271.4
29	Durable goods	45.3	47.9	48.5	47.6	46.8	45.0	46.0
30	Nondurable goods	24.7	22.1	22.0	22.5	25.1	26.2	27.6
31	Services	207.4	212.3	212.0	218.8	205.4	204.2	197.8
32	Less: Own-account investment ⁴	24.0	25.4	25.6	26.2	26.9	27.5	28.0
33	Less: Sales to other sectors	3.9	4.0	4.0	4.0	4.1	4.1	4.1
34	Nondefense consumption expenditures ¹	416.9	461.0	466.4	450.6	512.6	498.1	485.7
35	Gross output of general government	445.8	489.1	494.3	479.5	542.1	532.4	518.6
36	Value added	318.5	334.9	341.9	340.7	341.9	346.7	351.6
37	Compensation of general government employees	197.2	208.5	214.7	211.8	211.5	214.5	217.0
38	Consumption of general government fixed capital ²	121.3	126.4	127.3	128.9	130.4	132.2	134.5
39	Intermediate goods and services purchased ³	127.3	154.2	152.4	138.7	200.2	185.7	167.0
40	Durable goods	4.1	8.5	10.7	6.3	5.6	5.2	5.5
41	Nondurable goods	26.1	25.9	25.8	26.5	40.2	42.1	38.3
42	Commodity Credit Corporation inventory change	-0.1	-0.2	-0.2	-0.1	0.0	0.1	-0.1
43	Other nondurable goods	26.2	26.0	26.0	26.6	40.2	42.0	38.4
44	Services	97.0	119.9	115.9	105.9	154.4	138.4	123.2
45	Less: Own-account investment ⁴	22.8	24.0	24.1	24.7	25.4	26.1	26.8
46	Less: Sales to other sectors	6.1	4.2	3.7	4.2	4.2	8.2	6.0
47	State and local consumption expenditures ¹	1,876.5	1,916.5	1,909.9	1,924.7	1,966.5	2,015.3	2,075.5
48	Gross output of general government	2,447.8	2,458.2	2,457.2	2,478.4	2,525.7	2,580.6	2,648.2
49	Value added	1,656.1	1,689.4	1,689.6	1,688.7	1,696.4	1,721.2	1,762.9
50	Compensation of general government employees	1,433.3	1,459.8	1,458.6	1,456.0	1,459.5	1,477.9	1,513.4
51	Consumption of general government fixed capital ²	222.7	229.6	231.0	232.7	236.8	243.3	249.5

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Table 3.10.5. Government Consumption Expenditures and General Government Gross Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	791.7	768.8	767.6	789.7	829.3	859.4	885.4
53	Durable goods	29.2	29.2	29.2	29.6	30.0	30.5	31.1
54	Nondurable goods	270.2	244.4	242.7	254.5	285.3	305.7	321.1
55	Services	492.3	495.2	495.7	505.6	514.0	523.3	533.2
56	Less: Own-account investment ⁴	46.0	47.7	48.1	48.8	49.5	50.0	51.0
57	Less: Sales to other sectors	525.3	493.9	499.1	504.9	509.6	515.4	521.7
58	Tuition and related educational charges	97.7	97.4	97.3	97.3	98.2	99.1	100.2
59	Health and hospital charges	261.4	250.9	257.7	262.7	264.2	266.8	267.9
60	Other sales ⁵	166.2	145.6	144.1	144.9	147.3	149.4	153.6

Legend / Footnotes:

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Government consumption expenditures ¹	2,616.1	2,669.1	2,670.3	2,657.4	2,704.1	2,696.4	2,702.5
2	Gross output of general government	3,167.1	3,182.0	3,185.9	3,177.4	3,224.5	3,223.0	3,230.4
3	Value added	2,046.0	2,043.5	2,050.2	2,038.3	2,043.5	2,055.6	2,080.7
4	Compensation of general government employees	1,588.2	1,578.5	1,584.1	1,570.4	1,573.4	1,583.0	1,605.5
5	Consumption of general government fixed capital ²	458.2	466.1	467.1	469.4	471.8	474.1	476.5
6	Intermediate goods and services purchased ³	1,127.7	1,146.8	1,143.2	1,147.5	1,192.8	1,177.7	1,158.2
7	Durable goods	75.7	81.9	84.5	79.9	78.4	76.0	76.9
8	Nondurable goods	356.1	348.5	347.0	353.5	370.8	374.7	373.2
9	Services	697.2	714.9	710.6	713.8	743.7	728.5	710.4
10	Less: Own-account investment ⁴	82.7	84.7	85.1	85.9	86.7	87.3	88.0
11	Less: Sales to other sectors ⁵	468.0	428.5	430.7	434.3	434.0	439.5	440.0
12	Federal consumption expenditures ¹	979.6	1,026.3	1,031.0	1,020.4	1,057.6	1,036.3	1,013.6
13	Gross output of general government	1,030.6	1,076.6	1,081.0	1,071.4	1,109.3	1,092.1	1,067.8
14	Value added	656.4	674.4	680.8	678.0	678.5	680.5	680.5
15	Compensation of general government employees	394.4	407.7	413.4	409.4	408.6	409.2	407.8
16	Consumption of general government fixed capital ²	262.2	266.6	267.2	268.6	270.0	271.4	272.9
17	Intermediate goods and services purchased ³	375.6	404.5	402.2	395.1	434.4	414.2	388.8
18	Durable goods	47.7	54.0	56.6	51.7	49.9	47.4	48.2
19	Nondurable goods	53.9	54.0	53.3	55.4	69.3	70.5	65.9
20	Services	273.8	295.7	291.7	287.8	315.9	297.8	276.4
21	Less: Own-account investment ⁴	41.9	43.1	43.2	43.8	44.5	45.1	45.6
22	Less: Sales to other sectors	9.0	7.2	6.8	7.2	7.1	10.6	8.5
23	Defense consumption expenditures ¹	619.6	631.3	632.2	637.9	624.6	620.1	612.8
24	Gross output of general government	645.0	657.3	658.4	664.3	651.4	647.1	640.0
25	Value added	385.7	392.8	393.6	394.7	396.8	397.6	396.9
26	Compensation of general government employees	234.7	240.1	240.6	241.1	242.5	242.5	241.1
27	Consumption of general government fixed capital ²	150.8	152.5	152.7	153.4	154.1	154.9	155.7
28	Intermediate goods and services purchased ³	260.7	265.9	266.1	271.1	255.3	250.1	243.4
29	Durable goods	43.8	46.0	46.5	45.7	44.7	42.7	43.2
30	Nondurable goods	29.7	30.3	30.4	30.8	30.5	30.3	30.4
31	Services	186.8	189.3	189.0	194.2	180.3	177.4	170.3
32	Less: Own-account investment ⁴	21.9	22.5	22.6	22.8	23.2	23.5	23.6
33	Less: Sales to other sectors	3.6	3.5	3.6	3.5	3.6	3.6	3.6
34	Nondefense consumption expenditures ¹	360.2	394.3	397.9	382.3	431.0	414.6	399.6
35	Gross output of general government	385.6	418.5	421.8	406.9	455.9	443.2	426.5
36	Value added	270.3	281.1	286.5	282.7	281.2	282.4	283.1
37	Compensation of general government employees	159.7	167.5	172.4	168.1	166.1	166.6	166.6
38	Consumption of general government fixed capital ²	111.4	114.1	114.4	115.1	115.8	116.5	117.2
39	Intermediate goods and services purchased ³	115.3	138.3	136.0	124.4	177.7	163.0	144.7
40	Durable goods	3.9	8.0	10.0	6.0	5.2	4.7	5.0
41	Nondurable goods	24.3	23.9	23.3	24.8	36.9	38.1	33.9
42	Commodity Credit Corporation inventory change	-0.1	-0.4	-0.3	-0.1	0.0	0.1	-0.1
43	Other nondurable goods	24.4	24.2	23.6	24.9	36.9	38.0	34.0
44	Services	87.0	106.4	102.8	93.7	135.6	120.4	106.1
45	Less: Own-account investment ⁴	20.0	20.5	20.5	20.8	21.2	21.6	21.9
46	Less: Sales to other sectors	5.4	3.7	3.3	3.7	3.6	7.0	5.0
47	State and local consumption expenditures ¹	1,635.5	1,642.5	1,639.2	1,636.7	1,646.7	1,659.7	1,687.4
48	Gross output of general government	2,135.2	2,105.2	2,104.8	2,105.8	2,115.7	2,130.7	2,161.3
49	Value added	1,388.7	1,369.1	1,369.7	1,360.7	1,365.3	1,375.3	1,400.0
50	Compensation of general government employees	1,193.2	1,170.5	1,170.7	1,160.9	1,164.6	1,173.6	1,197.4
51	Consumption of general government fixed capital ²	195.9	199.3	199.8	200.7	201.7	202.6	203.5

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Intermediate goods and services purchased ³	752.4	742.0	740.8	752.4	758.1	763.2	768.7
53	Durable goods	28.0	27.9	27.9	28.3	28.5	28.6	28.7
54	Nondurable goods	302.4	294.6	293.9	298.1	301.3	304.1	307.0
55	Services	423.4	419.9	419.4	426.3	428.8	431.1	433.7
56	Less: Own-account investment ⁴	40.8	41.6	41.9	42.1	42.2	42.1	42.4
57	Less: Sales to other sectors	459.0	421.2	423.8	427.0	426.8	429.0	431.4
58	Tuition and related educational charges	79.4	78.0	77.9	78.0	78.5	79.0	79.4
59	Health and hospital charges	233.5	217.4	221.6	225.0	223.5	224.7	224.9
60	Other sales ⁵	146.7	125.9	124.4	124.1	124.9	125.4	127.2
61	Residual	-7.6	-7.9	-7.5	-9.6	-11.8	-10.9	-9.2

Legend / Footnotes:

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

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

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

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	5.2	2.9	1.7	5.3	-5.8	-1.1	-1.4
2	Consumption expenditures ¹	4.9	1.9	2.8	3.6	-8.1	-2.8	-4.6
3	Gross output of general government	4.8	1.9	2.8	3.7	-7.6	-2.6	-4.3
4	Value added	1.1	1.8	0.1	1.1	2.2	0.7	-0.6
5	Compensation of general government employees	1.6	2.3	-0.8	0.8	2.3	0.0	-2.3
6	Military	1.5	2.5	-2.8	0.7	3.1	-0.4	-3.5
7	Civilian	1.8	2.0	2.5	0.9	1.2	0.6	-0.4
8	Consumption of general government fixed capital ²	0.3	1.1	1.5	1.7	1.9	2.0	2.1
9	Intermediate goods and services purchased ³	11.1	2.0	7.4	7.8	-21.4	-7.9	-10.4
10	Durable goods	8.4	5.1	-12.8	-6.5	-8.7	-16.9	5.1
11	Aircraft	4.0	4.4	-24.7	-7.0	11.2	-23.9	9.7
12	Missiles	13.4	4.9	-0.4	-0.1	-37.7	-6.4	-2.0
13	Ships	18.8	14.8	6.2	-0.2	-7.3	-11.6	-15.5
14	Vehicles	17.9	28.9	34.4	95.5	-21.2	0.5	130.9
15	Electronics	13.4	2.5	-9.2	-14.9	-11.4	-12.3	-6.7
16	Other durable goods	7.3	1.9	-10.3	-18.9	-19.0	-16.3	-8.3
17	Nondurable goods	-1.9	2.0	5.2	5.6	-3.8	-3.0	2.1
18	Petroleum products	-5.5	4.8	9.7	24.6	-5.1	-1.3	-1.5
19	Ammunition	17.0	-2.4	-6.6	-9.0	-8.6	2.5	18.8
20	Other nondurable goods	-6.7	2.4	9.1	3.4	-0.6	-6.8	-2.3
21	Services	13.6	1.3	13.1	11.5	-25.6	-6.4	-15.0
22	Installation support	-1.7	9.1	15.3	4.0	-14.5	-6.8	-6.4
23	Weapons support	10.4	2.9	7.7	7.4	-19.3	3.7	-4.1
24	Personnel support	24.7	0.3	7.9	17.0	-37.7	-12.2	-17.6
25	Transportation of material	1.6	0.7	-2.2	12.1	-10.6	-17.6	-15.9
26	Travel of persons	1.7	-29.1	367.3	2.9	129.6	34.2	-65.7
27	Less: Own-account investment ⁴	2.8	2.8	3.8	5.1	6.7	4.5	2.1
28	Less: Sales to other sectors	3.1	-0.4	-0.4	-1.8	2.4	-0.4	1.5
29	Gross investment ⁵	6.5	6.9	-2.3	11.8	3.3	5.8	11.1
30	Structures	20.4	31.7	46.9	-6.1	-22.0	-6.3	18.4
31	Equipment	10.5	3.7	-15.2	14.8	-1.7	3.3	13.1
32	Aircraft	18.1	-6.5	-46.4	85.1	5.7	84.9	50.2
33	Missiles	11.0	37.0	9.4	-3.0	59.1	-61.4	96.8
34	Ships	9.8	7.1	-5.6	10.9	-3.6	-2.9	-9.5
35	Vehicles	28.3	20.0	4.1	28.7	-8.8	-10.6	10.7
36	Electronics	9.4	5.2	-7.6	-11.7	-8.8	-11.0	-5.5
37	Other equipment	4.9	1.9	-4.2	-5.3	-11.8	-11.6	-5.7
38	Intellectual property products	0.0	8.7	11.4	10.8	14.2	10.7	7.8
39	Software	6.1	4.3	5.0	5.9	20.0	15.6	12.7
40	Research and development	-1.5	9.7	12.8	11.9	13.0	9.7	6.8

Legend / Footnotes:

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

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

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

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

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Percent change at annual rate:							
1	National defense consumption expenditures and gross investment	5.2	2.9	1.7	5.3	-5.8	-1.1	-1.4
	Percentage points at annual rates:							
2	Consumption expenditures ¹	3.96	1.51	2.22	2.90	-6.54	-2.27	-3.68
3	Gross output of general government	4.05	1.59	2.32	3.04	-6.34	-2.14	-3.61
4	Value added	0.60	0.94	0.04	0.58	1.10	0.38	-0.33
5	Compensation of general government employees	0.54	0.73	-0.25	0.25	0.73	0.00	-0.74
6	Military	0.31	0.48	-0.56	0.13	0.58	-0.08	-0.68
7	Civilian	0.23	0.25	0.31	0.12	0.15	0.08	-0.05
8	Consumption of general government fixed capital ²	0.06	0.22	0.29	0.33	0.36	0.38	0.41
9	Intermediate goods and services purchased ³	3.46	0.65	2.28	2.45	-7.44	-2.52	-3.28
10	Durable goods	0.44	0.27	-0.77	-0.35	-0.46	-0.94	0.25
11	Aircraft	0.09	0.09	-0.63	-0.15	0.22	-0.56	0.19
12	Missiles	0.07	0.03	0.00	0.00	-0.24	-0.03	-0.01
13	Ships	0.05	0.04	0.02	0.00	-0.02	-0.04	-0.05
14	Vehicles	0.03	0.06	0.08	0.20	-0.07	0.00	0.28
15	Electronics	0.10	0.02	-0.08	-0.12	-0.09	-0.09	-0.05
16	Other durable goods	0.10	0.03	-0.15	-0.27	-0.26	-0.21	-0.10
17	Nondurable goods	-0.06	0.06	0.12	0.14	-0.10	-0.09	0.06
18	Petroleum products	-0.07	0.04	0.05	0.15	-0.04	-0.01	-0.02
19	Ammunition	0.10	-0.02	-0.04	-0.06	-0.05	0.01	0.11
20	Other nondurable goods	-0.09	0.03	0.11	0.04	-0.01	-0.09	-0.03
21	Services	3.08	0.32	2.93	2.66	-6.88	-1.49	-3.59
22	Installation support	-0.09	0.44	0.73	0.21	-0.79	-0.35	-0.33
23	Weapons support	0.52	0.15	0.39	0.38	-1.09	0.18	-0.21
24	Personnel support	2.62	0.04	0.92	1.97	-5.53	-1.44	-2.04
25	Transportation of material	0.01	0.00	-0.02	0.08	-0.08	-0.14	-0.12
26	Travel of persons	0.02	-0.31	0.90	0.02	0.61	0.26	-0.90
27	Less: Own-account investment ⁴	-0.08	-0.08	-0.11	-0.14	-0.19	-0.13	-0.06
28	Less: Sales to other sectors	-0.01	0.00	0.00	0.01	-0.01	0.00	-0.01
29	Gross investment ⁵	1.26	1.36	-0.47	2.37	0.72	1.20	2.29
30	Structures	0.16	0.28	0.45	-0.08	-0.29	-0.08	0.20
31	Equipment	1.11	0.41	-1.83	1.56	-0.15	0.36	1.40
32	Aircraft	0.45	-0.18	-1.57	1.54	0.17	1.78	1.32
33	Missiles	0.06	0.22	0.08	-0.02	0.38	-0.72	0.51
34	Ships	0.19	0.14	-0.12	0.22	-0.07	-0.06	-0.21
35	Vehicles	0.11	0.09	0.03	0.14	-0.05	-0.06	0.05
36	Electronics	0.09	0.05	-0.08	-0.11	-0.08	-0.10	-0.05
37	Other equipment	0.21	0.08	-0.18	-0.21	-0.50	-0.48	-0.22
38	Intellectual property products	0.00	0.68	0.91	0.89	1.16	0.92	0.69
39	Software	0.09	0.07	0.07	0.09	0.28	0.23	0.19
40	Research and development	-0.10	0.61	0.83	0.80	0.88	0.69	0.50

Legend / Footnotes:

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

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

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	95.621	98.373	98.459	99.733	98.248	97.986	97.644
2	Consumption expenditures ¹	95.273	97.070	97.219	98.090	96.040	95.349	94.231
3	Gross output of general government	95.377	97.192	97.347	98.224	96.315	95.689	94.635
4	Value added	94.619	96.369	96.564	96.836	97.357	97.538	97.382
5	Compensation of general government employees	94.637	96.805	97.022	97.212	97.771	97.768	97.211
6	Military	93.012	95.316	95.493	95.654	96.380	96.276	95.434
7	Civilian	97.321	99.271	99.552	99.786	100.079	100.240	100.134
8	Consumption of general government fixed capital ²	94.469	95.530	95.688	96.097	96.555	97.036	97.546
9	Intermediate goods and services purchased ³	97.017	98.945	99.037	100.910	95.025	93.091	90.582
10	Durable goods	96.910	101.821	102.851	101.145	98.881	94.411	95.595
11	Aircraft	90.640	94.633	95.701	93.972	96.491	90.132	92.239
12	Missiles	122.127	128.143	134.741	134.717	119.684	117.710	117.115
13	Ships	151.953	174.404	176.973	176.890	173.573	168.310	161.360
14	Vehicles	68.564	88.361	90.066	106.504	100.359	100.495	123.883
15	Electronics	86.876	89.074	88.714	85.214	82.677	80.019	78.634
16	Other durable goods	105.895	107.888	107.585	102.092	96.853	92.632	90.648
17	Nondurable goods	92.963	94.861	95.244	96.555	95.613	94.898	95.384
18	Petroleum products	71.710	75.118	75.211	79.470	78.434	78.179	77.883
19	Ammunition	127.241	124.247	123.481	120.603	117.907	118.640	123.849
20	Other nondurable goods	105.358	107.938	109.055	109.963	109.794	107.884	107.247
21	Services	97.512	98.787	98.638	101.353	94.116	92.581	88.891
22	Installation support	87.910	95.930	97.527	98.488	94.697	93.056	91.531
23	Weapons support	118.109	121.480	121.419	123.612	117.153	118.208	116.992
24	Personnel support	97.508	97.833	96.859	100.747	89.508	86.639	82.558
25	Transportation of material	59.584	59.973	59.905	61.638	59.943	57.108	54.685
26	Travel of persons	103.553	73.402	74.374	74.903	92.205	99.236	75.934
27	Less: Own-account investment ⁴	97.973	100.679	100.998	102.270	103.953	105.100	105.643
28	Less: Sales to other sectors	97.939	97.587	97.707	97.266	97.851	97.744	98.112
29	Gross investment ⁵	97.131	103.844	103.673	106.613	107.479	109.008	111.920
30	Structures	74.954	98.729	106.071	104.409	98.120	96.538	100.693
31	Equipment	109.125	113.146	110.987	114.891	114.393	115.327	118.940
32	Aircraft	126.254	117.992	108.425	126.469	128.239	149.549	165.557
33	Missiles	76.921	105.385	111.185	110.328	123.916	97.692	115.703
34	Ships	137.295	147.086	145.068	148.875	147.529	146.439	142.816
35	Vehicles	63.131	75.774	74.587	79.441	77.623	75.489	77.429
36	Electronics	89.518	94.170	93.805	90.938	88.873	86.314	85.100
37	Other equipment	108.867	110.890	110.617	109.132	105.745	102.549	101.065
38	Intellectual property products	85.872	93.304	94.343	96.800	100.062	102.634	104.584
39	Software	151.542	158.042	157.777	160.040	167.509	173.679	178.958
40	Research and development	76.951	84.417	85.601	88.049	90.776	92.896	94.436

Legend / Footnotes:

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	108.865	110.039	110.264	110.939	112.152	113.335	114.595
2	Consumption expenditures ¹	109.830	110.961	111.199	111.847	113.262	114.511	115.898
3	Gross output of general government	109.824	111.046	111.293	111.952	113.354	114.602	115.993
4	Value added	111.734	113.955	114.393	115.224	116.192	117.276	118.643
5	Compensation of general government employees	114.289	116.678	117.225	117.910	118.995	120.122	121.587
6	Military	109.914	111.833	112.400	112.977	113.976	114.994	116.411
7	Civilian	122.040	125.239	125.753	126.625	127.859	129.178	130.729
8	Consumption of general government fixed capital ²	107.899	109.860	110.126	111.189	111.975	112.993	114.208
9	Intermediate goods and services purchased ³	106.444	106.183	106.145	106.547	108.596	110.098	111.526
10	Durable goods	103.523	104.021	104.235	104.109	104.622	105.517	106.531
11	Aircraft	102.670	103.234	103.667	103.259	103.816	104.072	104.451
12	Missiles	104.993	105.267	105.273	105.157	105.965	105.808	106.237
13	Ships	103.345	103.310	103.253	103.182	104.297	106.348	109.061
14	Vehicles	103.074	103.399	103.375	103.659	104.046	104.604	105.250
15	Electronics	99.858	99.707	99.714	99.715	99.796	101.334	102.786
16	Other durable goods	106.686	107.723	107.900	108.054	108.508	110.360	112.148
17	Nondurable goods	83.445	73.146	72.296	73.110	82.423	86.502	90.759
18	Petroleum products	67.441	43.635	41.944	43.273	61.198	66.364	73.685
19	Ammunition	101.325	101.325	101.325	101.325	104.520	107.998	110.595
20	Other nondurable goods	105.581	106.677	106.367	106.999	107.979	111.149	112.260
21	Services	111.003	112.161	112.193	112.659	113.888	115.100	116.132
22	Installation support	109.897	111.857	112.108	112.791	113.531	115.327	116.714
23	Weapons support	111.445	113.288	113.599	114.013	114.869	115.262	116.148
24	Personnel support	112.341	114.000	114.046	114.644	116.388	116.882	117.422
25	Transportation of material	109.711	107.214	107.215	105.578	108.627	113.034	115.789
26	Travel of persons	104.459	94.923	91.575	91.168	89.287	96.685	100.694
27	Less: Own-account investment ⁴	109.541	113.196	113.703	114.663	115.756	117.119	118.760
28	Less: Sales to other sectors	110.689	112.631	112.973	113.620	114.726	115.031	115.453
29	Gross investment ⁵	104.965	106.299	106.481	107.251	107.732	108.677	109.502
30	Structures	122.316	124.490	125.079	127.014	130.787	135.584	138.755
31	Equipment	100.622	100.792	100.767	101.341	101.639	102.415	103.089
32	Aircraft	91.516	91.486	91.669	94.539	93.617	93.297	91.038
33	Missiles	96.943	94.141	91.057	89.304	90.092	90.072	95.173
34	Ships	104.502	105.515	105.684	105.785	107.100	107.553	109.012
35	Vehicles	108.659	106.779	107.346	106.554	107.215	107.613	110.311
36	Electronics	97.418	96.728	96.761	96.763	96.872	98.527	99.887
37	Other equipment	105.919	106.820	107.080	107.126	107.694	109.615	111.335
38	Intellectual property products	109.050	112.028	112.457	113.364	113.716	114.469	115.243
39	Software	94.941	93.921	93.770	93.853	92.603	92.794	92.758
40	Research and development	112.095	116.176	116.763	117.884	118.665	119.566	120.559

Legend / Footnotes:

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

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	847.5	881.3	883.9	900.8	897.1	904.1	911.0
2	Consumption expenditures ¹	680.5	700.5	703.0	713.5	707.4	710.0	710.2
3	Gross output of general government	708.4	729.9	732.7	743.7	738.3	741.6	742.3
4	Value added	430.9	447.6	450.2	454.8	461.1	466.2	470.9
5	Compensation of general government employees	268.2	280.1	282.1	284.3	288.5	291.3	293.1
6	Military	162.7	169.6	170.8	171.9	174.8	176.2	176.8
7	Civilian	105.6	110.5	111.3	112.3	113.7	115.1	116.4
8	Consumption of general government fixed capital ²	162.7	167.5	168.2	170.5	172.6	175.0	177.8
9	Intermediate goods and services purchased ³	277.5	282.3	282.4	288.9	277.3	275.4	271.4
10	Durable goods	45.3	47.9	48.5	47.6	46.8	45.0	46.0
11	Aircraft	17.9	18.8	19.1	18.7	19.3	18.1	18.6
12	Missiles	4.5	4.8	5.0	5.0	4.5	4.4	4.4
13	Ships	2.5	2.9	2.9	2.9	2.9	2.9	2.8
14	Vehicles	1.8	2.3	2.4	2.8	2.7	2.7	3.3
15	Electronics	6.8	6.9	6.9	6.6	6.4	6.3	6.3
16	Other durable goods	11.8	12.1	12.1	11.5	11.0	10.7	10.6
17	Nondurable goods	24.7	22.1	22.0	22.5	25.1	26.2	27.6
18	Petroleum products	8.8	6.0	5.8	6.3	8.8	9.5	10.5
19	Ammunition	5.5	5.4	5.3	5.2	5.2	5.4	5.8
20	Other nondurable goods	10.4	10.8	10.9	11.0	11.1	11.2	11.3
21	Services	207.4	212.3	212.0	218.8	205.4	204.2	197.8
22	Installation support	40.5	45.0	45.8	46.6	45.1	45.0	44.8
23	Weapons support	44.3	46.3	46.4	47.4	45.2	45.8	45.7
24	Personnel support	106.5	108.5	107.4	112.3	101.3	98.5	94.3
25	Transportation of material	6.5	6.4	6.4	6.4	6.4	6.4	6.3
26	Travel of persons	9.6	6.2	6.0	6.0	7.3	8.5	6.8
27	Less: Own-account investment ⁴	24.0	25.4	25.6	26.2	26.9	27.5	28.0
28	Less: Sales to other sectors	3.9	4.0	4.0	4.0	4.1	4.1	4.1
29	Gross investment ⁵	167.0	180.9	180.8	187.3	189.7	194.1	200.8
30	Structures	7.4	10.0	10.7	10.7	10.4	10.6	11.3
31	Equipment	93.6	97.2	95.3	99.2	99.1	100.7	104.5
32	Aircraft	23.3	21.8	20.1	24.1	24.2	28.2	30.4
33	Missiles	5.1	6.8	7.0	6.8	7.7	6.0	7.6
34	Ships	17.2	18.6	18.3	18.8	18.9	18.8	18.6
35	Vehicles	4.0	4.7	4.7	4.9	4.8	4.7	5.0
36	Electronics	8.1	8.4	8.4	8.1	8.0	7.9	7.9
37	Other equipment	35.9	36.9	36.9	36.4	35.5	35.0	35.1
38	Intellectual property products	66.0	73.7	74.8	77.3	80.2	82.8	85.0
39	Software	13.0	13.4	13.4	13.6	14.0	14.6	15.0
40	Research and development	53.0	60.3	61.4	63.8	66.2	68.2	70.0

Legend / Footnotes:

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National defense consumption expenditures and gross investment	778.5	800.9	801.6	812.0	799.9	797.8	795.0
2	Consumption expenditures ¹	619.6	631.3	632.2	637.9	624.6	620.1	612.8
3	Gross output of general government	645.0	657.3	658.4	664.3	651.4	647.1	640.0
4	Value added	385.7	392.8	393.6	394.7	396.8	397.6	396.9
5	Compensation of general government employees	234.7	240.1	240.6	241.1	242.5	242.5	241.1
6	Military	148.0	151.7	151.9	152.2	153.4	153.2	151.8
7	Civilian	86.5	88.2	88.5	88.7	89.0	89.1	89.0
8	Consumption of general government fixed capital ²	150.8	152.5	152.7	153.4	154.1	154.9	155.7
9	Intermediate goods and services purchased ³	260.7	265.9	266.1	271.1	255.3	250.1	243.4
10	Durable goods	43.8	46.0	46.5	45.7	44.7	42.7	43.2
11	Aircraft	17.5	18.2	18.4	18.1	18.6	17.4	17.8
12	Missiles	4.3	4.5	4.8	4.8	4.2	4.2	4.2
13	Ships	2.4	2.8	2.8	2.8	2.8	2.7	2.6
14	Vehicles	1.8	2.3	2.3	2.7	2.6	2.6	3.2
15	Electronics	6.8	7.0	6.9	6.7	6.5	6.2	6.1
16	Other durable goods	11.1	11.3	11.2	10.7	10.1	9.7	9.5
17	Nondurable goods	29.7	30.3	30.4	30.8	30.5	30.3	30.4
18	Petroleum products	13.1	13.7	13.7	14.5	14.3	14.3	14.2
19	Ammunition	5.4	5.3	5.3	5.1	5.0	5.0	5.3
20	Other nondurable goods	9.9	10.1	10.2	10.3	10.3	10.1	10.0
21	Services	186.8	189.3	189.0	194.2	180.3	177.4	170.3
22	Installation support	36.8	40.2	40.9	41.3	39.7	39.0	38.4
23	Weapons support	39.7	40.8	40.8	41.6	39.4	39.7	39.3
24	Personnel support	94.8	95.2	94.2	98.0	87.1	84.3	80.3
25	Transportation of material	5.9	5.9	5.9	6.1	5.9	5.7	5.4
26	Travel of persons	9.2	6.5	6.6	6.7	8.2	8.8	6.8
27	Less: Own-account investment ⁴	21.9	22.5	22.6	22.8	23.2	23.5	23.6
28	Less: Sales to other sectors	3.6	3.5	3.6	3.5	3.6	3.6	3.6
29	Gross investment ⁵	159.1	170.1	169.9	174.7	176.1	178.6	183.4
30	Structures	6.1	8.0	8.6	8.5	8.0	7.8	8.2
31	Equipment	93.0	96.4	94.6	97.9	97.5	98.3	101.4
32	Aircraft	25.5	23.8	21.9	25.5	25.9	30.2	33.4
33	Missiles	5.3	7.2	7.6	7.6	8.5	6.7	7.9
34	Ships	16.4	17.6	17.4	17.8	17.6	17.5	17.1
35	Vehicles	3.7	4.4	4.3	4.6	4.5	4.4	4.5
36	Electronics	8.3	8.7	8.7	8.4	8.2	8.0	7.9
37	Other equipment	33.9	34.6	34.5	34.0	33.0	32.0	31.5
38	Intellectual property products	60.5	65.8	66.5	68.3	70.6	72.4	73.7
39	Software	13.7	14.3	14.3	14.5	15.1	15.7	16.2
40	Research and development	47.3	51.9	52.6	54.1	55.8	57.1	58.1
41	Residual	-0.1	0.3	0.6	-0.2	-1.0	-1.4	-2.1

Legend / Footnotes:

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

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

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

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Current receipts from the rest of the world	3,844.4	3,287.7	3,252.4	3,433.3	3,569.4	3,746.4	---
2	Exports of goods and services	2,519.7	2,123.4	2,079.6	2,220.7	2,311.9	2,461.5	2,502.2
3	Goods ¹	1,641.7	1,416.6	1,413.0	1,520.8	1,607.5	1,726.8	1,750.6
4	Durable	982.6	825.7	836.3	891.0	920.6	967.3	968.6
5	Nondurable	659.1	590.9	576.7	629.8	686.9	759.5	782.0
6	Services ¹	878.0	706.8	666.6	699.9	704.4	734.8	751.5
7	Income receipts	1,160.3	992.9	996.1	1,043.2	1,081.6	1,112.4	---
8	Wage and salary receipts	7.2	6.5	6.4	6.4	6.5	6.6	---
9	Income receipts on assets	1,153.2	986.4	989.7	1,036.8	1,075.1	1,105.8	---
10	Interest	288.5	220.5	206.4	205.7	209.8	213.2	---
11	Dividends	692.8	537.2	472.1	453.8	595.4	501.1	---
12	Reinvested earnings on U.S. direct investment abroad	171.9	228.7	311.2	377.4	269.9	391.5	---
13	Current taxes, contributions for government social insurance, and transfer receipts from the rest of the world ²	164.4	171.4	176.7	169.5	175.9	172.4	172.6
14	To persons	9.1	8.9	13.7	6.6	6.7	6.9	6.8
15	To business	114.3	126.5	129.6	126.1	127.1	128.5	128.8
16	To government	41.0	36.0	33.5	36.8	42.1	37.0	37.0
17	Current payments to the rest of the world	4,324.2	3,874.8	3,917.1	4,137.0	4,374.9	4,549.8	---
18	Imports of goods and services	3,116.0	2,774.6	2,805.3	3,019.1	3,184.5	3,343.2	3,441.7
19	Goods ¹	2,517.9	2,309.2	2,368.8	2,540.8	2,698.1	2,819.0	2,858.0
20	Durable	1,629.3	1,506.2	1,570.5	1,713.0	1,791.1	1,844.5	1,834.1
21	Nondurable	888.6	803.0	798.2	827.8	907.0	974.5	1,023.9
22	Services ¹	598.1	465.4	436.5	478.3	486.4	524.2	583.6
23	Income payments	893.9	770.6	769.2	792.5	846.7	882.0	---
24	Wage and salary payments	18.9	14.4	13.8	14.5	15.4	15.3	---
25	Income payments on assets	875.0	756.1	755.4	778.1	831.4	866.7	---
26	Interest	523.7	445.0	426.6	424.0	432.5	434.2	---
27	Dividends	226.4	228.5	210.6	227.4	243.4	247.6	---
28	Reinvested earnings on foreign direct investment in the United States	124.9	82.7	118.2	126.7	155.6	184.9	---
29	Current taxes and transfer payments to the rest of the world ²	314.3	329.6	342.6	325.4	343.7	324.5	341.9
30	From persons	102.9	105.8	105.5	105.0	106.2	106.8	109.8
31	From government	74.3	84.5	88.6	78.7	93.2	77.1	89.9
32	From business	137.1	139.3	148.5	141.6	144.3	140.6	142.3
33	Balance on current account, NIPAs	-479.8	-587.1	-664.8	-703.7	-805.5	-803.4	---
	Addenda:							
34	Net lending or net borrowing (-), NIPAs	-486.7	-593.0	-667.4	-708.7	-820.1	-807.3	---
35	Balance on current account, NIPAs	-479.8	-587.1	-664.8	-703.7	-805.5	-803.4	---
36	Less: Capital account transactions (net) ³	6.9	5.9	2.7	4.9	14.6	3.9	---

Legend / Footnotes:

1. Beginning with 1959, exports and imports of certain goods, primarily military equipment purchased and sold by the federal government, are reclassified from services to goods. Beginning with 1986, repairs and alterations of equipment are reclassified from goods to services.

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

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

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	-0.1	-13.6	54.5	22.5	-2.9	7.6	-2.5
2	Exports of goods ¹	-0.1	-10.2	99.0	25.6	-1.4	6.4	-5.1
3	Foods, feeds, and beverages	-1.3	4.9	21.2	17.1	-22.3	-32.0	-34.0
4	Industrial supplies and materials	3.5	-2.9	27.7	29.9	-6.3	3.1	-8.9
5	Durable goods	-4.2	-6.8	81.9	32.8	21.7	5.9	-7.3
6	Nondurable goods	6.2	-1.4	11.4	28.8	-15.5	2.1	-9.5
7	Petroleum and products	12.5	-2.7	21.7	-2.7	-28.6	58.3	-28.2
8	Nondurable goods, excluding petroleum and products	0.5	-0.3	6.1	57.0	-5.3	-27.3	10.3
9	Capital goods, except automotive	-3.1	-16.2	59.5	23.0	16.3	30.7	-5.3
10	Civilian aircraft, engines, and parts	-6.4	-43.7	93.0	52.0	-10.1	124.5	1.4
11	Computers, peripherals, and parts	0.0	-9.0	47.8	28.9	22.2	0.6	-2.7
12	Other	-2.3	-7.8	55.9	17.8	21.0	21.9	-6.9
13	Automotive vehicles, engines, and parts	2.1	-21.2	3,135.8	21.2	-11.5	-25.3	-6.8
14	Consumer goods, except food and automotive	-0.6	-15.3	209.4	40.3	-2.8	38.2	42.0
15	Durable goods	-4.8	-23.4	692.7	67.4	-12.0	24.7	24.7
16	Nondurable goods	4.5	-6.6	52.4	18.5	7.2	52.0	59.4
17	Other ²	-2.9	-1.8	104.5	8.4	3.6	-13.4	-9.4
18	Exports of services ¹	-0.1	-19.8	-4.9	16.0	-6.0	10.4	3.8
19	Transport	-2.2	-36.8	42.1	39.3	6.3	21.8	9.9
20	Travel (for all purposes including education)	-2.5	-63.3	-67.5	67.0	54.3	95.5	-6.6
21	Charges for the use of intellectual property n.e.c.	-0.9	-2.8	25.1	21.5	-28.5	9.4	10.9
22	Other business services ³	1.9	-2.3	-5.8	9.7	-6.8	2.6	3.9
23	Government goods and services n.e.c.	-0.1	-5.1	33.6	-10.9	10.9	-9.1	-19.3
24	Other	-23.8	-26.5	48.8	21.6	1.9	0.5	8.9
25	Imports of goods and services	1.2	-8.9	89.2	31.3	9.3	7.1	6.1
26	Imports of goods ¹	0.5	-5.6	103.7	30.1	10.6	4.3	-0.1
27	Foods, feeds, and beverages	2.7	3.3	31.0	10.1	1.4	28.9	0.2
28	Industrial supplies and materials	-5.1	-8.2	12.8	27.3	9.2	7.2	21.1
29	Durable goods	-5.5	-8.1	17.8	30.1	23.2	2.3	28.1
30	Nondurable goods	-4.9	-8.3	9.4	25.3	0.0	10.7	16.6
31	Petroleum and products	-5.8	-12.4	32.5	17.2	-2.2	21.4	12.1
32	Nondurable goods, excluding petroleum and products	-3.5	-3.0	-5.2	33.7	2.2	-1.2	22.7
33	Capital goods, except automotive	-0.6	-3.8	58.6	22.5	24.0	13.5	1.0
34	Civilian aircraft, engines, and parts	9.5	-28.6	263.5	-52.8	28.8	3.4	-32.9
35	Computers, peripherals, and parts	-2.7	15.0	26.7	28.1	29.8	-31.0	19.1
36	Other	-1.2	-5.6	58.2	32.0	21.8	33.1	-0.7
37	Automotive vehicles, engines, and parts	1.8	-17.8	1,719.6	65.4	-24.1	-15.7	-18.9
38	Consumer goods, except food and automotive	3.4	-0.4	89.8	29.9	31.0	-3.1	-10.5
39	Durable goods	1.8	-1.6	220.3	60.3	31.3	4.3	-15.5
40	Nondurable goods	5.1	0.8	19.9	4.4	30.6	-10.8	-4.3
41	Other	11.5	-6.5	58.7	22.4	-20.5	17.7	14.4
42	Imports of services ¹	3.9	-22.6	29.7	37.5	2.2	23.6	44.4
43	Transport	2.3	-34.6	100.0	63.2	23.2	66.2	64.4
44	Travel (for all purposes including education)	5.3	-73.1	400.6	1,435.2	27.2	420.0	476.5
45	Charges for the use of intellectual property n.e.c.	-3.9	1.7	128.5	29.0	13.4	-20.8	82.9
46	Other business services ³	5.1	0.9	6.2	14.1	-7.4	1.4	4.5
47	Government goods and services n.e.c.	5.5	-1.1	-22.1	-2.8	-2.2	0.9	6.0
48	Other	1.5	-30.6	402.0	133.9	112.2	95.2	-6.1
	Addenda:							
49	Exports of durable goods	-2.6	-16.1	183.4	27.6	8.1	13.5	-3.2
50	Exports of nondurable goods	3.9	-0.9	23.4	22.8	-13.2	-2.1	-7.4

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	-0.8	5.3	30.7	14.2	-24.5	-28.4	-33.0
52	Exports of nonagricultural goods	0.0	-11.7	110.1	27.1	1.9	11.5	-1.5
53	Imports of durable goods	0.3	-7.2	171.7	39.7	11.1	3.8	-3.1
54	Imports of nondurable goods	1.0	-2.6	21.4	12.9	9.7	5.4	5.6
55	Imports of nonpetroleum goods	1.2	-5.1	108.3	30.9	11.5	3.2	-1.1

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Beginning in 1986, repairs and alterations of equipment are reclassified from goods to services.

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

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services, personal, cultural, and recreational services, construction services, and other other business services.

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Exports of goods and services	-0.1	-13.6	54.5	22.5	-2.9	7.6	-2.5
2	Percentage points at annual rates: Exports of goods ¹	-0.04	-6.57	54.75	17.21	-0.98	4.55	-3.64
3	Foods, feeds, and beverages	-0.07	0.26	1.75	1.24	-1.76	-2.63	-2.58
4	Industrial supplies and materials	0.72	-0.57	6.52	6.17	-1.46	0.81	-2.34
5	Durable goods	-0.23	-0.36	4.21	1.89	1.24	0.39	-0.49
6	Nondurable goods	0.94	-0.21	2.31	4.29	-2.70	0.43	-1.84
7	Petroleum and products	0.90	-0.18	1.37	-0.16	-2.19	3.57	-2.83
8	Nondurable goods, excluding petroleum and products	0.04	-0.03	0.94	4.45	-0.51	-3.14	0.98
9	Capital goods, except automotive	-0.69	-3.57	12.18	4.83	3.18	5.80	-1.15
10	Civilian aircraft, engines, and parts	-0.33	-2.23	2.21	1.34	-0.31	2.49	0.05
11	Computers, peripherals, and parts	0.00	-0.17	0.95	0.54	0.39	0.01	-0.05
12	Other	-0.36	-1.17	9.02	2.96	3.10	3.29	-1.14
13	Automotive vehicles, engines, and parts	0.13	-1.39	20.87	1.47	-0.81	-1.77	-0.39
14	Consumer goods, except food and automotive	-0.05	-1.27	10.82	3.22	-0.24	2.78	3.12
15	Durable goods	-0.22	-1.01	8.54	2.40	-0.54	0.92	0.92
16	Nondurable goods	0.16	-0.26	2.28	0.82	0.30	1.87	2.20
17	Other ²	-0.08	-0.05	2.61	0.28	0.11	-0.45	-0.30
18	Exports of services ¹	-0.02	-6.99	-0.23	5.30	-1.91	3.05	1.12
19	Transport	-0.08	-1.33	1.04	0.89	0.15	0.49	0.23
20	Travel (for all purposes including education)	-0.20	-5.04	-2.45	1.20	0.97	1.69	-0.18
21	Charges for the use of intellectual property n.e.c.	-0.04	-0.13	1.54	1.17	-1.72	0.44	0.50
22	Other business services ³	0.33	-0.41	-0.77	2.12	-1.40	0.52	0.74
23	Government goods and services n.e.c.	0.00	-0.05	0.38	-0.10	0.10	-0.09	-0.18
24	Other	-0.03	-0.03	0.04	0.02	0.00	0.00	0.01
25	Percent change at annual rate: Imports of goods and services	1.2	-8.9	89.2	31.3	9.3	7.1	6.1
26	Percentage points at annual rates: Imports of goods ¹	0.43	-4.54	82.78	25.61	8.92	3.75	-0.02
27	Foods, feeds, and beverages	0.13	0.16	2.36	0.69	0.09	1.39	0.02
28	Industrial supplies and materials	-0.93	-1.31	3.45	4.09	1.46	1.27	3.70
29	Durable goods	-0.34	-0.48	1.93	1.90	1.45	0.18	1.91
30	Nondurable goods	-0.59	-0.83	1.52	2.19	0.01	1.09	1.79
31	Petroleum and products	-0.43	-0.71	1.50	0.73	-0.10	1.14	0.75
32	Nondurable goods, excluding petroleum and products	-0.16	-0.13	0.02	1.46	0.11	-0.05	1.04
33	Capital goods, except automotive	-0.13	-0.84	15.24	5.51	5.09	2.98	0.25
34	Civilian aircraft, engines, and parts	0.17	-0.58	2.85	-1.08	0.36	0.05	-0.50
35	Computers, peripherals, and parts	-0.12	0.63	1.84	1.50	1.43	-1.87	0.85
36	Other	-0.18	-0.89	10.54	5.10	3.30	4.80	-0.11
37	Automotive vehicles, engines, and parts	0.21	-2.18	36.90	7.04	-3.32	-1.86	-2.11
38	Consumer goods, except food and automotive	0.70	-0.08	21.55	7.24	6.58	-0.71	-2.44
39	Durable goods	0.19	-0.16	17.68	6.45	3.47	0.54	-2.00
40	Nondurable goods	0.51	0.08	3.87	0.79	3.11	-1.25	-0.45
41	Other	0.45	-0.29	3.30	1.03	-0.98	0.69	0.57
42	Imports of services ¹	0.72	-4.39	6.44	5.66	0.37	3.34	6.06
43	Transport	0.08	-1.25	2.23	1.34	0.54	1.41	1.59
44	Travel (for all purposes including education)	0.21	-3.16	1.18	2.26	0.25	2.01	3.11
45	Charges for the use of intellectual property n.e.c.	-0.05	0.02	1.74	0.45	0.20	-0.35	0.94
46	Other business services ³	0.43	0.08	1.21	1.47	-0.72	0.13	0.39
47	Government goods and services n.e.c.	0.04	-0.01	-0.21	-0.02	-0.02	0.01	0.04
48	Other	0.00	-0.07	0.27	0.14	0.13	0.13	-0.01

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Beginning in 1986, repairs and alterations of equipment are reclassified from goods to services.

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

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services, personal, cultural, and recreational services, construction services, and other other business services.

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

Indexes

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	115.163	99.543	97.680	102.765	102.013	103.899	103.237
2	Exports of goods ¹	116.929	105.048	105.174	111.343	110.938	112.674	111.207
3	Foods, feeds, and beverages	117.800	123.608	125.525	130.565	122.602	111.324	100.324
4	Industrial supplies and materials	131.411	127.642	123.906	132.273	130.127	131.138	128.108
5	Durable goods	101.053	94.144	93.707	100.598	105.653	107.174	105.167
6	Nondurable goods	145.517	143.415	137.796	146.807	140.752	141.499	138.012
7	Petroleum and products	213.272	207.511	200.831	199.472	183.331	205.630	189.255
8	Nondurable goods, excluding petroleum and products	109.244	108.873	104.283	116.734	115.170	106.346	108.992
9	Capital goods, except automotive	105.459	88.397	85.855	90.412	93.885	100.382	99.019
10	Civilian aircraft, engines, and parts	111.322	62.686	51.604	57.298	55.794	68.292	68.529
11	Computers, peripherals, and parts	122.120	111.155	111.186	118.469	124.570	124.741	123.887
12	Other	102.433	94.465	94.302	98.242	103.036	108.262	106.338
13	Automotive vehicles, engines, and parts	109.592	86.342	98.652	103.500	100.379	93.334	91.707
14	Consumer goods, except food and automotive	121.241	102.631	105.533	114.857	114.053	123.661	134.999
15	Durable goods	115.813	88.731	92.705	105.442	102.130	107.929	114.046
16	Nondurable goods	127.881	119.491	121.097	126.339	128.543	142.739	160.393
17	Other ²	123.287	121.087	124.719	127.261	128.399	123.847	120.831
18	Exports of services ¹	111.846	89.698	84.489	87.692	86.338	88.505	89.334
19	Transport	107.885	68.186	58.855	63.942	64.925	68.207	69.829
20	Travel (for all purposes including education)	118.300	43.462	25.367	28.835	32.138	38.003	37.364
21	Charges for the use of intellectual property n.e.c.	96.933	94.251	95.066	99.805	91.777	93.862	96.331
22	Other business services ³	116.537	113.869	112.860	115.503	113.496	114.230	115.341
23	Government goods and services n.e.c.	93.709	88.884	90.661	88.075	90.386	88.259	83.640
24	Other	49.373	36.283	28.769	30.209	30.349	30.384	31.041
25	Imports of goods and services	124.913	113.756	115.101	123.202	125.968	128.143	130.039
26	Imports of goods ¹	127.095	119.927	123.113	131.490	134.859	136.290	136.244
27	Foods, feeds, and beverages	130.551	134.890	137.211	140.540	141.012	150.262	150.334
28	Industrial supplies and materials	98.388	90.281	87.834	93.289	95.370	97.034	101.789
29	Durable goods	121.684	111.863	109.266	116.702	122.961	123.664	131.559
30	Nondurable goods	91.465	83.840	81.361	86.075	86.065	88.289	91.748
31	Petroleum and products	85.195	74.595	72.391	75.322	74.912	78.634	80.915
32	Nondurable goods, excluding petroleum and products	106.357	103.179	100.627	108.206	108.805	108.471	114.156
33	Capital goods, except automotive	138.400	133.089	135.458	142.521	150.404	155.233	155.630
34	Civilian aircraft, engines, and parts	140.079	100.045	107.740	89.292	95.129	95.925	86.833
35	Computers, peripherals, and parts	120.471	138.491	144.354	153.569	163.912	149.417	156.093
36	Other	144.081	135.979	136.539	146.352	153.749	165.147	164.868
37	Automotive vehicles, engines, and parts	132.256	108.681	118.758	134.682	125.709	120.451	114.312
38	Consumer goods, except food and automotive	143.385	142.846	149.195	159.292	170.417	169.086	164.472
39	Durable goods	160.671	158.157	170.289	191.624	205.142	207.302	198.754
40	Nondurable goods	125.705	126.692	128.482	129.886	138.857	134.943	133.459
41	Other	144.519	135.169	134.959	141.942	134.020	139.590	144.357
42	Imports of services ¹	114.983	89.021	83.545	90.466	90.958	95.906	105.124
43	Transport	106.971	69.942	63.613	71.897	75.750	86.014	97.399
44	Travel (for all purposes including education)	148.327	39.899	16.834	33.322	35.387	53.438	82.803
45	Charges for the use of intellectual property n.e.c.	107.744	109.530	113.566	121.023	124.883	117.827	137.029
46	Other business services ³	112.074	113.069	112.642	116.412	114.196	114.597	115.860
47	Government goods and services n.e.c.	79.337	78.463	76.458	75.920	75.507	75.683	76.799
48	Other	93.373	64.794	47.178	58.347	70.425	83.247	81.951
	Addenda:							
49	Exports of durable goods	107.100	89.869	90.846	96.554	98.460	101.616	100.789
50	Exports of nondurable goods	134.931	133.754	131.827	138.780	133.943	133.228	130.684

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	118.442	124.752	127.889	132.205	123.216	113.334	102.520
52	Exports of nonagricultural goods	116.738	103.116	102.954	109.315	109.826	112.863	112.444
53	Imports of durable goods	139.483	129.415	134.616	146.346	150.249	151.645	150.452
54	Imports of nondurable goods	109.359	106.486	106.478	109.767	112.349	113.829	115.385
55	Imports of nonpetroleum goods	134.723	127.820	131.603	140.774	144.646	145.775	145.374

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Beginning in 1986, repairs and alterations of equipment are reclassified from goods to services.
2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.
3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services, personal, cultural, and recreational services, construction services, and other other business services.
4. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	98.660	96.188	96.164	97.622	102.383	107.030	109.495
2	Exports of goods ¹	91.792	88.162	88.061	89.550	95.001	100.477	103.209
3	Foods, feeds, and beverages	83.577	84.723	83.316	89.752	99.868	109.383	111.029
4	Industrial supplies and materials	82.897	73.017	72.941	75.125	86.122	96.916	103.078
5	Durable goods	92.129	93.455	94.547	96.753	102.108	108.545	110.753
6	Nondurable goods	79.312	66.475	66.083	68.217	80.796	92.889	100.258
7	Petroleum and products	64.265	46.937	46.025	47.534	61.678	70.766	80.797
8	Nondurable goods, excluding petroleum and products	91.642	86.225	85.788	88.382	98.401	113.295	116.554
9	Capital goods, except automotive	98.508	98.764	98.926	98.503	98.800	99.571	100.237
10	Civilian aircraft, engines, and parts	119.971	121.683	121.823	122.611	124.030	124.244	125.835
11	Computers, peripherals, and parts	78.043	75.199	75.395	72.885	73.251	75.136	76.537
12	Other	95.378	95.791	95.947	95.689	95.811	96.468	96.859
13	Automotive vehicles, engines, and parts	101.607	101.364	101.079	101.458	101.948	102.200	102.609
14	Consumer goods, except food and automotive	93.409	93.657	93.909	93.911	93.554	94.495	94.371
15	Durable goods	93.780	93.785	93.852	93.789	93.522	94.374	95.102
16	Nondurable goods	92.912	93.398	93.777	93.839	93.396	94.417	93.544
17	Other ²	94.846	90.738	90.487	92.341	98.364	104.367	107.390
18	Exports of services ¹	114.082	114.517	114.692	116.022	118.607	120.689	122.298
19	Transport	95.610	94.248	94.166	94.582	97.519	99.596	102.066
20	Travel (for all purposes including education)	109.488	108.843	108.481	108.556	109.275	112.338	114.713
21	Charges for the use of intellectual property n.e.c.	110.491	111.912	112.171	112.739	113.873	115.549	117.116
22	Other business services ³	122.941	123.791	124.051	125.943	129.292	131.447	132.897
23	Government goods and services n.e.c.	110.082	111.949	112.434	113.453	114.973	116.328	117.071
24	Other	114.517	120.404	122.377	121.463	123.324	126.878	129.158
25	Imports of goods and services	90.078	88.075	88.098	88.585	91.385	94.312	95.674
26	Imports of goods ¹	86.389	83.963	83.984	84.351	87.335	90.290	91.572
27	Foods, feeds, and beverages	104.467	103.702	104.224	102.703	105.370	110.811	113.791
28	Industrial supplies and materials	72.955	65.002	64.579	67.296	78.708	88.996	91.498
29	Durable goods	97.052	102.751	104.551	110.509	122.798	137.318	131.071
30	Nondurable goods	65.173	52.368	51.157	52.748	64.057	73.002	78.839
31	Petroleum and products	56.040	38.642	36.696	38.948	53.318	62.157	66.734
32	Nondurable goods, excluding petroleum and products	91.058	88.411	89.000	89.318	95.644	105.969	115.309
33	Capital goods, except automotive	88.930	88.309	88.454	88.322	88.575	88.986	89.639
34	Civilian aircraft, engines, and parts	111.744	112.070	112.096	113.099	115.063	115.504	115.909
35	Computers, peripherals, and parts	88.811	86.187	86.948	85.951	85.823	86.642	88.128
36	Other	86.537	86.420	86.384	86.467	86.735	87.014	87.431
37	Automotive vehicles, engines, and parts	95.246	95.960	96.047	96.077	96.596	97.001	97.997
38	Consumer goods, except food and automotive	88.117	86.499	86.592	86.026	86.352	86.748	87.546
39	Durable goods	73.825	70.670	70.561	69.784	70.620	71.164	72.332
40	Nondurable goods	107.537	108.159	108.506	108.313	107.756	107.873	107.977
41	Other	105.226	105.824	106.281	106.608	108.537	111.141	112.027
42	Imports of services ¹	109.262	109.820	109.803	111.111	112.380	114.876	116.675
43	Transport	106.166	104.235	102.751	104.918	106.728	115.133	121.014
44	Travel (for all purposes including education)	99.467	99.341	98.724	102.416	101.343	100.355	99.805
45	Charges for the use of intellectual property n.e.c.	110.466	111.930	112.162	112.731	113.864	115.540	117.107
46	Other business services ³	114.834	115.957	116.112	117.121	118.545	119.955	121.126
47	Government goods and services n.e.c.	108.575	112.315	115.021	117.049	118.790	120.323	119.504
48	Other	115.641	122.315	123.876	120.858	122.158	126.079	128.392
	Addenda:							
49	Exports of durable goods	97.427	97.572	97.799	98.047	99.339	101.140	102.106
50	Exports of nondurable goods	83.091	75.139	74.599	77.402	87.474	97.228	102.068

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	82.724	83.476	82.151	88.368	98.650	107.523	109.062
52	Exports of nonagricultural goods	92.781	88.642	88.703	89.581	94.432	99.519	102.365
53	Imports of durable goods	88.337	88.017	88.285	88.582	90.213	92.046	92.256
54	Imports of nondurable goods	83.689	77.664	77.270	77.733	83.213	88.248	91.470
55	Imports of nonpetroleum goods	92.259	91.916	92.231	92.358	94.056	96.386	97.290

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Beginning in 1986, repairs and alterations of equipment are reclassified from goods to services.
2. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.
3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services, personal, cultural, and recreational services, construction services, and other other business services.
4. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	2,519.7	2,123.4	2,079.6	2,220.7	2,311.9	2,461.5	2,502.2
2	Exports of goods ¹	1,641.7	1,416.6	1,413.0	1,520.8	1,607.5	1,726.8	1,750.6
3	Foods, feeds, and beverages	131.0	139.3	139.0	155.7	162.7	161.8	148.0
4	Industrial supplies and materials	526.4	450.4	434.9	477.9	539.0	611.3	635.1
5	Durable goods	130.6	123.4	124.1	136.3	151.1	162.9	163.1
6	Nondurable goods	395.8	326.9	310.8	341.6	387.9	448.4	472.0
7	Petroleum and products	194.7	138.3	131.3	134.7	160.6	206.7	217.2
8	Nondurable goods, excluding petroleum and products	201.1	188.6	179.5	207.0	227.3	241.7	254.8
9	Capital goods, except automotive	548.0	460.5	448.0	469.8	489.3	527.2	523.6
10	Civilian aircraft, engines, and parts	126.0	71.9	59.3	66.3	65.3	80.1	81.4
11	Computers, peripherals, and parts	46.9	41.1	41.3	42.5	45.0	46.2	46.7
12	Other	375.1	347.4	347.4	360.9	379.0	401.0	395.5
13	Automotive vehicles, engines, and parts	162.8	127.9	145.8	153.5	149.6	139.4	137.5
14	Consumer goods, except food and automotive	205.0	174.0	179.3	195.1	193.0	211.4	230.5
15	Durable goods	107.2	82.1	85.9	97.6	94.3	100.5	107.0
16	Nondurable goods	97.8	91.8	93.4	97.5	98.8	110.9	123.4
17	Other ²	68.6	64.5	66.1	68.8	73.9	75.7	76.0
18	Exports of services ¹	878.0	706.8	666.6	699.9	704.4	734.8	751.5
19	Transport	91.0	56.7	48.8	53.2	55.7	59.8	62.7
20	Travel (for all purposes including education)	199.4	72.8	42.1	47.9	53.7	65.3	65.5
21	Charges for the use of intellectual property n.e.c.	115.5	113.8	115.0	121.4	112.7	117.0	121.7
22	Other business services ³	447.9	440.7	437.7	454.8	458.8	469.4	479.2
23	Government goods and services n.e.c.	21.6	20.9	21.4	21.0	21.8	21.5	20.5
24	Other	2.5	1.9	1.6	1.7	1.7	1.7	1.8
25	Imports of goods and services	3,116.0	2,774.6	2,805.3	3,019.1	3,184.5	3,343.2	3,441.7
26	Imports of goods ¹	2,517.9	2,309.2	2,368.8	2,540.8	2,698.1	2,819.0	2,858.0
27	Foods, feeds, and beverages	151.6	155.4	158.9	160.4	165.1	185.1	190.1
28	Industrial supplies and materials	519.1	424.4	408.9	452.5	541.0	622.4	671.2
29	Durable goods	177.7	173.0	171.6	193.7	226.8	255.1	259.0
30	Nondurable goods	341.4	251.5	237.3	258.7	314.2	367.3	412.2
31	Petroleum and products	207.4	125.2	113.3	125.0	170.1	208.2	230.0
32	Nondurable goods, excluding petroleum and products	134.1	126.3	124.0	133.8	144.1	159.1	182.2
33	Capital goods, except automotive	679.1	648.5	661.1	694.6	735.1	762.2	769.8
34	Civilian aircraft, engines, and parts	62.8	45.0	48.5	40.6	44.0	44.5	40.4
35	Computers, peripherals, and parts	130.8	145.9	153.4	161.3	171.9	158.2	168.1
36	Other	485.5	457.6	459.3	492.7	519.3	559.5	561.3
37	Automotive vehicles, engines, and parts	376.0	311.3	340.6	386.4	362.6	348.9	334.5
38	Consumer goods, except food and automotive	655.5	641.1	670.4	711.1	763.7	761.2	747.2
39	Durable goods	328.1	309.2	332.8	370.5	401.3	408.7	398.3
40	Nondurable goods	327.4	331.9	337.6	340.7	362.4	352.5	349.0
41	Other	136.6	128.4	128.8	135.8	130.6	139.3	145.2
42	Imports of services ¹	598.1	465.4	436.5	478.3	486.4	524.2	583.6
43	Transport	112.8	72.4	64.9	74.9	80.3	98.3	117.1
44	Travel (for all purposes including education)	133.3	35.8	14.7	30.2	31.8	47.5	73.2
45	Charges for the use of intellectual property n.e.c.	41.7	43.0	44.7	47.8	49.9	47.7	56.3
46	Other business services ³	279.3	284.5	283.8	295.9	293.8	298.3	304.5
47	Government goods and services n.e.c.	24.0	24.6	24.5	24.8	25.0	25.4	25.6
48	Other	7.0	5.1	3.9	4.7	5.7	7.0	7.0
	Addenda:							
49	Exports of durable goods	982.6	825.7	836.3	891.0	920.6	967.3	968.6
50	Exports of nondurable goods	659.1	590.9	576.7	629.8	686.9	759.5	782.0

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

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
51	Exports of agricultural goods ⁴	142.2	151.1	152.3	169.3	176.1	176.6	162.0
52	Exports of nonagricultural goods	1,499.5	1,265.4	1,260.7	1,351.5	1,431.4	1,550.2	1,588.6
53	Imports of durable goods	1,629.3	1,506.2	1,570.5	1,713.0	1,791.1	1,844.5	1,834.1
54	Imports of nondurable goods	888.6	803.0	798.2	827.8	907.0	974.5	1,023.9
55	Imports of nonpetroleum goods	2,310.5	2,184.0	2,255.4	2,415.9	2,527.9	2,610.8	2,628.0

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Beginning in 1986, repairs and alterations of equipment are reclassified from goods to services.

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

3. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services, personal, cultural, and recreational services, construction services, and other other business services.

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Exports of goods and services	2,554.0	2,207.6	2,166.3	2,279.0	2,262.3	2,304.2	2,289.5
2	Exports of goods ¹	1,788.5	1,606.8	1,608.7	1,703.1	1,696.9	1,723.5	1,701.0
3	Foods, feeds, and beverages	156.7	164.5	167.0	173.7	163.1	148.1	133.5
4	Industrial supplies and materials	635.0	616.8	598.8	639.2	628.8	633.7	619.1
5	Durable goods	141.8	132.1	131.5	141.1	148.2	150.4	147.5
6	Nondurable goods	499.0	491.8	472.6	503.5	482.7	485.3	473.3
7	Petroleum and products	302.9	294.7	285.2	283.3	260.4	292.0	268.8
8	Nondurable goods, excluding petroleum and products	219.5	218.7	209.5	234.5	231.4	213.7	219.0
9	Capital goods, except automotive	556.3	466.3	452.9	476.9	495.2	529.5	522.3
10	Civilian aircraft, engines, and parts	105.0	59.1	48.7	54.0	52.6	64.4	64.6
11	Computers, peripherals, and parts ²	60.1	54.7	54.7	58.3	61.3	61.4	61.0
12	Other	393.3	362.7	362.1	377.2	395.6	415.7	408.3
13	Automotive vehicles, engines, and parts	160.2	126.2	144.2	151.3	146.7	136.4	134.0
14	Consumer goods, except food and automotive	219.4	185.8	191.0	207.9	206.4	223.8	244.3
15	Durable goods	114.3	87.6	91.5	104.1	100.8	106.5	112.6
16	Nondurable goods	105.2	98.3	99.7	104.0	105.8	117.5	132.0
17	Other ³	72.4	71.1	73.2	74.7	75.4	72.7	70.9
18	Exports of services ¹	769.6	617.2	581.4	603.4	594.1	609.0	614.7
19	Transport	95.2	60.2	51.9	56.4	57.3	60.2	61.6
20	Travel (for all purposes including education)	182.1	66.9	39.0	44.4	49.5	58.5	57.5
21	Charges for the use of intellectual property n.e.c.	104.6	101.7	102.5	107.7	99.0	101.2	103.9
22	Other business services ⁴	364.3	356.0	352.9	361.1	354.8	357.1	360.6
23	Government goods and services n.e.c.	19.7	18.6	19.0	18.5	19.0	18.5	17.5
24	Other	2.2	1.6	1.3	1.3	1.4	1.4	1.4
25	Residual	-439.5	-499.8	-491.5	-516.0	-489.9	-492.4	-474.0
26	Imports of goods and services	3,459.2	3,150.3	3,187.5	3,411.8	3,488.4	3,548.7	3,601.2
27	Imports of goods ¹	2,914.6	2,750.2	2,823.3	3,015.4	3,092.7	3,125.5	3,124.4
28	Foods, feeds, and beverages	145.1	149.9	152.5	156.2	156.7	167.0	167.1
29	Industrial supplies and materials	711.6	653.0	635.3	674.7	689.8	701.8	736.2
30	Durable goods	183.1	168.3	164.4	175.6	185.0	186.1	198.0
31	Nondurable goods	523.9	480.2	466.0	493.0	493.0	505.7	525.5
32	Petroleum and products	370.0	324.0	314.4	327.2	325.4	341.5	351.4
33	Nondurable goods, excluding petroleum and products	147.2	142.8	139.3	149.8	150.6	150.2	158.0
34	Capital goods, except automotive	763.7	734.4	747.4	786.4	829.9	856.5	858.7
35	Civilian aircraft, engines, and parts	56.2	40.2	43.2	35.8	38.2	38.5	34.9
36	Computers, peripherals, and parts ²	147.3	169.3	176.5	187.7	200.4	182.7	190.8
37	Other	561.0	529.5	531.7	569.9	598.7	643.1	642.0
38	Automotive vehicles, engines, and parts	394.8	324.4	354.5	402.0	375.2	359.5	341.2
39	Consumer goods, except food and automotive	743.9	741.1	774.1	826.4	884.2	877.3	853.3
40	Durable goods	444.5	437.5	471.1	530.1	567.5	573.5	549.8
41	Nondurable goods	304.4	306.8	311.2	314.6	336.3	326.8	323.2
42	Other	129.8	121.4	121.2	127.5	120.3	125.3	129.6
43	Imports of services ¹	547.4	423.8	397.7	430.7	433.0	456.6	500.4
44	Transport	106.2	69.5	63.2	71.4	75.2	85.4	96.7
45	Travel (for all purposes including education)	134.0	36.0	15.2	30.1	32.0	48.3	74.8
46	Charges for the use of intellectual property n.e.c.	37.8	38.4	39.8	42.4	43.8	41.3	48.0
47	Other business services ⁴	243.2	245.4	244.5	252.6	247.8	248.7	251.4
48	Government goods and services n.e.c.	22.1	21.9	21.3	21.2	21.0	21.1	21.4
49	Other	6.0	4.2	3.0	3.8	4.5	5.4	5.3
50	Residual	26.4	20.8	20.6	14.0	9.7	4.4	17.4
	Addenda:							

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates
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Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
51	Exports of durable goods	1,008.5	846.3	855.5	909.2	927.2	956.9	949.1
52	Exports of nondurable goods	793.3	786.4	775.0	815.9	787.5	783.3	768.3
53	Exports of agricultural goods ⁵	171.9	181.1	185.6	191.9	178.8	164.5	148.8
54	Exports of nonagricultural goods	1,616.2	1,427.6	1,425.4	1,513.4	1,520.5	1,562.5	1,556.7
55	Imports of durable goods	1,844.4	1,711.2	1,780.0	1,935.1	1,986.7	2,005.2	1,989.4
56	Imports of nondurable goods	1,061.8	1,034.0	1,033.9	1,065.8	1,090.9	1,105.3	1,120.4
57	Imports of nonpetroleum goods	2,504.4	2,376.1	2,446.4	2,616.9	2,688.9	2,709.9	2,702.4

Legend / Footnotes:

n.e.c. Not elsewhere classified

1. Beginning in 1986, repairs and alterations of equipment are reclassified from goods to services.
2. The quantity index for computers can be used to accurately measure the real growth of this component. However, because computers exhibit rapid changes in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series; accurate estimates of these contributions are shown in table 4.2.2 and real growth rates are shown in table 4.2.1.
3. Includes net exports of goods under merchanting, beginning in 1999, reclassified from services to goods.
4. Includes maintenance and repair services, insurance services, financial services, telecommunication, computer and information services, personal, cultural, and recreational services, construction services, and other other business services.
5. Includes parts of foods, feeds, and beverages, of nondurable industrial supplies and materials, and of nondurable nonautomotive consumer goods.

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. For exports and for imports, the residual line is the difference between the aggregate line and the sum of the most detailed lines.

Table 4.3C. Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding Items in the International Transactions Accounts

[Billions of dollars]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021			
				Q3	Q4	Q1	Q2	Q3	
1	Exports of goods, ITAs	1,652.1	1,428.8	1,427.3	1,536.2	1,633.4	1,746.4	---	
2	Less: Gold, ITAs ¹	19.4	24.0	27.5	29.2	39.3	32.0	---	
3	Less: Statistical differences ²	0.0	0.0	0.0	0.0	-0.9	-0.9	---	
4	Plus: Adjustment for U.S. territories and Puerto Rico ³	9.0	11.8	13.1	13.8	12.5	11.4	---	
5	Equals: Exports of goods, NIPAs	1,641.7	1,416.6	1,413.0	1,520.8	1,607.5	1,726.8	1,750.6	
6	Exports of services, ITAs	876.3	705.6	665.7	699.0	725.8	756.2	---	
7	Less: Statistical differences ²	0.0	0.0	0.0	0.0	22.4	22.4	---	
8	Less: Other items ⁴	0.8	0.8	0.7	0.8	0.8	0.9	---	
9	Plus: Adjustment for U.S. territories and Puerto Rico ³	2.5	1.9	1.6	1.7	1.7	1.7	---	
10	Equals: Exports of services, NIPAs	878.0	706.8	666.6	699.9	704.4	734.8	751.5	
11	Primary income receipts, ITAs	1,124.9	957.9	961.1	1,008.2	1,051.7	1,082.6	---	
12	Less: Statistical differences ²	0.0	0.0	0.0	0.0	5.1	5.1	---	
13	Plus: Adjustment for U.S. territories and Puerto Rico ³	35.4	35.1	35.0	35.0	35.0	34.9	---	
14	Equals: Income receipts, NIPAs	1,160.3	992.9	996.1	1,043.2	1,081.6	1,112.4	---	
15	Secondary income receipts, ITAs	159.2	166.3	171.7	164.3	170.1	166.6	---	
16	Less: Statistical differences ²	0.0	0.0	0.0	0.0	-0.5	-0.5	---	
17	Plus: Adjustment for U.S. territories and Puerto Rico ³	5.2	5.1	5.0	5.2	5.3	5.4	---	
18	Equals: Current taxes, contributions for government social insurance, and transfer receipts from the rest of the world, NIPAs	164.4	171.4	176.7	169.5	175.9	172.4	172.6	
19	Imports of goods, ITAs	2,513.6	2,350.8	2,408.8	2,548.7	2,708.9	2,825.1	---	
20	Less: Gold, ITAs ¹	12.0	61.7	57.6	32.2	27.5	26.3	---	
21	Less: Statistical differences ²	0.0	0.0	0.0	0.0	0.8	0.8	---	
22	Plus: Gold, NIPAs ¹	-6.4	-5.6	-6.0	-4.7	-3.4	-4.2	---	
23	Plus: Adjustment for U.S. territories and Puerto Rico ³	22.7	25.7	23.6	29.0	20.9	25.1	---	
24	Equals: Imports of goods, NIPAs	2,517.9	2,309.2	2,368.8	2,540.8	2,698.1	2,819.0	2,858.0	
25	Imports of services, ITAs	591.1	460.3	432.7	473.6	474.7	511.3	---	
26	Less: Statistical differences ²	0.0	0.0	0.0	0.0	-6.0	-6.0	---	
27	Plus: Adjustment for U.S. territories and Puerto Rico ³	7.0	5.1	3.9	4.7	5.7	7.0	---	
28	Equals: Imports of services, NIPAs	598.1	465.4	436.5	478.3	486.4	524.2	583.6	
29	Primary income payments, ITAs	893.0	769.4	768.0	791.3	850.9	886.2	---	
30	Less: Statistical differences ²	0.0	0.0	0.0	0.0	5.5	5.5	---	
31	Plus: Adjustment for U.S. territories and Puerto Rico ³	0.9	1.2	1.2	1.2	1.3	1.3	---	
32	Equals: Income payments, NIPAs	893.9	770.6	769.2	792.5	846.7	882.0	---	
33	Secondary income payments, ITAs	286.9	294.2	305.8	294.3	304.2	290.4	---	
34	Less: Statistical differences ²	0.0	0.0	0.0	0.0	0.6	0.6	---	
35	Plus: Adjustment for U.S. territories and Puerto Rico ³	27.4	35.4	36.8	31.1	40.1	34.7	---	
36	Equals: Current taxes and transfer payments to the rest of the world, NIPAs	314.3	329.6	342.6	325.4	343.7	324.5	341.9	
37	Balance on goods and services and primary income, ITAs (1+6+11-19-25-29)	-344.4	-488.2	-555.4	-570.3	-623.6	-637.3	---	
38	Less: Gold (2+20+22)	1.0	-43.3	-36.1	-7.6	8.4	1.5	---	
39	Less: Statistical differences (3+7+12-21-26-30)	0.0	0.0	0.0	0.0	26.3	26.3	---	
40	Less: Other items (8)	0.8	0.8	0.7	0.8	0.8	0.9	---	
41	Plus: Adjustment for U.S. territories and Puerto Rico (4+9+13-23-27-31)	16.4	16.9	21.1	15.6	21.4	14.7	---	
42	Equals: Net exports of goods and services and net receipts of income, NIPAs (5+10+14-24-28-32)	-329.8	-428.8	-498.9	-547.8	-637.7	-651.3	-709.1	
43	Balance on secondary income, ITAs (15-33)	-127.7	-127.9	-134.1	-130.0	-134.1	-123.8	---	
44	Less: Statistical differences ² (16-34)	0.0	0.0	0.0	0.0	-1.0	-1.0	---	
45	Plus: Adjustment for U.S. territories and Puerto Rico ³ (17-35)	-22.2	-30.4	-31.8	-25.9	-34.7	-29.3	---	
46	Equals: Current taxes, contributions for government social insurance, and transfer receipts from the rest of the world, net, NIPAs (18-36)	-150.0	-158.2	-165.9	-155.9	-167.8	-152.1	-169.3	
47	Balance on current account, ITAs (37+43)	-472.1	-616.1	-689.5	-700.3	-757.7	-761.1	---	
48	Less: Gold (38)	1.0	-43.3	-36.1	-7.6	8.4	1.5	---	
49	Less: Statistical differences (39+44)	0.0	0.0	0.0	0.0	25.3	25.3	---	
50	Less: Other items (40)	0.8	0.8	0.7	0.8	0.8	0.9	---	
51	Plus: Adjustment for U.S. territories and Puerto Rico (41+45)	-5.9	-13.5	-10.7	-10.3	13.4	12.1	14.6	14.5

Table 4.3C. Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding Items in the International Transactions Accounts

[Billions of dollars]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Table 4.3C. Relation of Foreign Transactions in the National Income and Product Accounts to the Corresponding Items in the International Transactions Accounts

[Billions of dollars]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
52	Equals: Balance on current account, NIPAs (42+ 46)	-479.8	-587.1	-664.8	-703.7	-805.5	-803.4	---
53	Balance on capital account, ITAs	6.4	5.5	2.2	4.5	11.0	3.5	---
54	Less: Statistical differences ²	0.0	0.0	0.0	0.0	0.0	0.0	---
55	Plus: Adjustments for U.S. territories and Puerto Rico ³	0.4	0.4	0.5	0.4	3.7	0.4	---
56	Equals: Capital account transactions (net), NIPAs ⁵	6.9	5.9	2.7	4.9	14.6	3.9	---

Legend / Footnotes:

ITAs International transactions accounts

- Exports and imports of gold in the NIPAs differ from those in the ITAs. ITA gold exports (line 2) and imports (line 20) are excluded from the NIPAs; imports of gold in the NIPAs (line 22) is the excess of the value of gold in gross domestic purchases over the value of U.S. production of gold.*
- Consists of statistical revisions to the ITAs that have not yet been incorporated into the NIPAs and statistical revisions to the NIPAs that have not yet been incorporated into the ITAs.*
- Consists of transactions between the United States and its territories, Puerto Rico, and the Northern Mariana Islands. The treatment of U.S. territories, Puerto Rico, and the Northern Mariana Islands in the NIPAs differs from that in the ITAs. In the NIPAs, they are included in the rest of the world; in the ITAs, they are treated as part of the United States.*
- The ITAs classify certain military grants as services that the NIPAs do not. In the NIPAs these transactions are excluded from exports and included in transfer payments from government.*
- Consists of capital transfers and the acquisition and disposal of nonproduced nonfinancial assets.*

Table 5.1. Saving and Investment by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Gross saving	4,156.1	4,002.9	3,596.3	4,511.0	4,423.0	4,197.5	---
2	Net saving	720.5	426.9	5.2	871.6	727.0	409.6	---
3	Net private saving	1,917.0	3,460.8	3,587.9	3,059.8	4,827.7	2,924.9	---
4	Domestic business	679.2	573.3	766.5	714.4	848.0	1,029.6	---
5	Undistributed corporate profits	566.0	513.6	779.5	767.0	1,007.9	1,279.4	---
6	Inventory valuation adjustment, corporate	0.0	-18.2	-88.0	-122.9	-249.5	-321.2	---
7	Capital consumption adjustment, corporate	113.2	77.9	74.9	70.4	89.6	71.4	42.1
8	Households and institutions	1,237.8	2,887.5	2,821.3	2,345.5	3,979.7	1,895.3	1,597.7
9	Personal saving	1,237.8	2,887.5	2,821.3	2,345.5	3,979.7	1,895.3	1,597.7
10	Net government saving	-1,196.5	-3,033.9	-3,582.6	-2,188.3	-4,100.6	-2,515.2	---
11	Federal	-1,047.5	-3,110.0	-3,516.3	-2,140.1	-4,088.9	-3,343.9	---
12	State and local	-149.0	76.1	-66.3	-48.2	-11.8	828.7	---
13	Consumption of fixed capital	3,435.6	3,575.9	3,591.0	3,639.4	3,696.0	3,787.9	3,893.4
14	Private	2,848.6	2,969.6	2,981.5	3,023.3	3,071.2	3,150.1	3,241.9
15	Domestic business	2,248.3	2,338.6	2,345.3	2,372.9	2,401.1	2,455.6	2,524.0
16	Households and institutions	600.3	631.0	636.2	650.4	670.1	694.4	718.0
17	Government	586.9	606.4	609.6	616.1	624.7	637.8	651.4
18	Federal	293.3	303.5	305.1	309.2	312.7	317.1	322.4
19	State and local	293.7	302.8	304.5	306.9	312.0	320.7	329.1
20	Gross domestic investment, capital account transactions, and net lending, NIPAs	4,086.4	3,832.3	3,826.3	4,016.0	3,913.3	3,914.2	---
21	Gross domestic investment	4,566.3	4,419.4	4,491.1	4,719.7	4,718.8	4,717.6	4,895.3
22	Gross private domestic investment	3,826.3	3,637.8	3,708.8	3,923.2	3,928.0	3,925.1	4,089.8
23	Domestic business	2,939.2	2,682.2	2,723.2	2,861.9	2,824.1	2,830.2	2,980.7
24	Households and institutions	887.1	955.6	985.6	1,061.3	1,103.9	1,094.9	1,109.1
25	Gross government investment	740.0	781.5	782.3	796.5	790.8	792.5	805.5
26	Federal	317.5	340.3	345.7	348.2	348.7	355.1	366.1
27	State and local	422.5	441.2	436.6	448.3	442.2	437.3	439.4
28	Capital account transactions (net) ¹	6.9	5.9	2.7	4.9	14.6	3.9	---
29	Private	-11.2	1.6	8.4	-0.6	-181.0	1.2	---
30	Domestic business	-12.5	13.4	6.0	-3.4	14.8	-3.3	---
31	Households and institutions	1.4	-11.9	2.5	2.9	-195.7	4.5	---
32	Government	18.0	4.4	-5.8	5.5	195.6	2.7	-13.4
33	Federal	75.2	69.7	61.3	70.6	258.9	68.6	60.1
34	State and local	-57.1	-65.3	-67.1	-65.1	-63.3	-65.9	-73.6
35	Net lending or net borrowing (-), NIPAs	-486.7	-593.0	-667.4	-708.7	-820.1	-807.3	---
36	Private	880.9	2,620.4	3,082.1	1,665.6	3,642.3	1,865.3	---
37	Domestic business	-68.8	45.7	612.6	-266.2	-99.4	375.0	---
38	Households and institutions	949.7	2,574.7	2,469.5	1,931.8	3,741.6	1,490.3	---
39	Government	-1,367.6	-3,213.4	-3,749.5	-2,374.2	-4,462.4	-2,672.6	---
40	Federal	-1,146.9	-3,216.5	-3,618.2	-2,249.7	-4,383.7	-3,450.5	---
41	State and local	-220.7	3.1	-131.3	-124.5	-78.7	777.9	---
42	Statistical discrepancy	-69.7	-170.6	230.0	-495.0	-509.7	-283.4	---
	Addenda:							
43	Gross private saving	4,765.6	6,430.4	6,569.3	6,083.1	7,898.9	6,074.9	---
44	Domestic business	2,927.5	2,911.8	3,111.8	3,087.2	3,249.2	3,485.2	---
45	Households and institutions	1,838.1	3,518.5	3,457.5	2,995.9	4,649.8	2,589.7	2,315.7
46	Gross government saving	-609.5	-2,427.5	-2,973.0	-1,572.2	-3,475.9	-1,877.4	---
47	Federal	-754.2	-2,806.5	-3,211.2	-1,830.9	-3,776.1	-3,026.8	---
48	State and local	144.6	379.0	238.2	258.7	300.2	1,149.4	---
49	Net domestic investment	1,130.7	843.5	900.0	1,080.3	1,022.9	929.7	1,001.9
50	Private	977.6	668.3	727.3	899.9	856.7	775.0	847.9

Table 5.1. Saving and Investment by Sector

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
51	Domestic business	690.9	343.6	377.9	489.0	423.0	374.5	456.7
52	Households and institutions	286.8	324.6	349.4	410.8	433.8	400.5	391.2
53	Government	153.0	175.2	172.7	180.4	166.1	154.7	154.0
54	Federal	24.2	36.8	40.6	39.0	35.9	38.0	43.7
55	State and local	128.8	138.4	132.1	141.4	130.2	116.7	110.3
56	Gross saving as a percentage of gross national income	19.1	18.8	17.0	20.3	19.4	18.1	---
57	Net saving as a percentage of gross national income	3.3	2.0	0.0	3.9	3.2	1.8	---
58	Disaster losses ²	0.0	0.0	0.0	0.0	0.0	0.0	248.0
59	Private	0.0	0.0	0.0	0.0	0.0	0.0	232.0
60	Domestic business	0.0	0.0	0.0	0.0	0.0	0.0	136.0
61	Households and institutions	0.0	0.0	0.0	0.0	0.0	0.0	96.0
62	Government	0.0	0.0	0.0	0.0	0.0	0.0	16.0
63	Federal	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	State and local	0.0	0.0	0.0	0.0	0.0	0.0	16.0

Legend / Footnotes:

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

2. Consists of damages to fixed assets.

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	3.2	-2.7	27.5	17.7	13.0	3.3	-0.8
2	Nonresidential	4.3	-5.3	18.7	12.5	12.9	9.2	1.8
3	Structures	2.0	-12.5	-15.3	-8.2	5.4	-3.0	-7.3
4	Commercial and health care	1.5	-1.4	-16.8	-11.5	0.8	-3.5	-8.9
5	Manufacturing	5.6	-13.4	-3.1	-17.5	18.4	12.7	-13.6
6	Power and communication	7.4	-4.7	-12.2	-19.4	-6.4	-12.3	-13.0
7	Mining exploration, shafts, and wells ¹	-1.6	-37.5	-18.9	85.9	81.5	29.3	21.7
8	Other structures ²	-0.5	-13.8	-20.6	-18.3	-15.7	-20.8	-13.9
9	Equipment	3.3	-8.3	55.9	26.4	14.1	12.1	-3.2
10	Information processing equipment	3.7	6.8	40.2	16.0	26.0	-7.8	-5.8
11	Computers and peripheral equipment	3.2	10.2	26.8	18.3	45.1	-35.8	4.5
12	Other ³	4.0	5.4	46.7	14.9	18.0	8.5	-10.0
13	Industrial equipment	2.2	-4.9	22.1	19.3	7.2	32.9	11.2
14	Transportation equipment	2.8	-35.2	157.3	87.2	7.6	52.1	-18.5
15	Other equipment ⁴	4.3	-1.6	64.7	14.2	7.6	3.3	0.5
16	Intellectual property products	7.2	2.8	8.1	10.2	15.6	12.5	12.2
17	Software ⁵	7.0	7.4	9.5	10.4	26.4	14.1	15.7
18	Research and development ⁶	8.3	0.9	10.2	10.9	9.7	11.2	9.5
19	Entertainment, literary, and artistic originals	2.2	-6.9	-10.5	5.3	0.0	12.2	11.0
20	Residential	-0.9	6.8	59.9	34.4	13.3	-11.7	-7.7
21	Structures	-0.9	6.8	60.4	35.5	12.7	-11.9	-7.5
22	Permanent site	-4.4	5.9	25.1	69.6	28.9	3.3	-8.4
23	Single family	-6.3	6.3	20.1	85.3	30.3	1.5	-9.4
24	Multifamily	4.3	4.2	47.8	16.3	22.7	12.6	-3.5
25	Other structures ⁷	1.9	7.5	93.3	14.8	1.2	-23.0	-6.7
26	Equipment	0.8	6.6	32.0	-20.8	59.6	3.9	-17.0
	Addenda:							
27	Private fixed investment in structures	0.4	-2.0	23.8	17.3	10.0	-8.9	-7.4
28	Private fixed investment in new structures	0.3	-3.4	4.0	16.3	14.9	-4.2	-9.3
29	Nonresidential structures ⁸	1.9	-12.7	-15.4	-7.8	5.5	-3.0	-7.2
30	Residential structures ⁹	-1.3	6.0	23.5	38.3	21.9	-5.0	-10.7
31	Private fixed investment in information processing equipment and software	5.4	7.1	23.3	13.1	26.2	2.9	4.9

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

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

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

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

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

6. Includes research and development expenditures for software.

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

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

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

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

Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Percent change at annual rate: Private fixed investment	3.2	-2.7	27.5	17.7	13.0	3.3	-0.8
2	Percentage points at annual rates: Nonresidential	3.37	-4.18	15.33	9.69	9.56	6.56	1.31
3	Structures	0.37	-2.25	-2.61	-1.14	0.84	-0.43	-1.05
4	Commercial and health care	0.08	-0.07	-1.03	-0.62	0.06	-0.17	-0.45
5	Manufacturing	0.11	-0.28	-0.06	-0.33	0.30	0.21	-0.25
6	Power and communication	0.25	-0.17	-0.46	-0.69	-0.20	-0.39	-0.40
7	Mining exploration, shafts, and wells ¹	-0.06	-1.23	-0.34	1.07	1.12	0.51	0.41
8	Other structures ²	-0.02	-0.49	-0.73	-0.57	-0.45	-0.59	-0.36
9	Equipment	1.09	-2.71	15.40	7.82	4.36	3.58	-1.00
10	Information processing equipment	0.40	0.71	4.24	1.85	2.82	-0.93	-0.67
11	Computers and peripheral equipment	0.10	0.32	0.94	0.65	1.44	-1.58	0.15
12	Other ³	0.29	0.39	3.31	1.20	1.38	0.65	-0.82
13	Industrial equipment	0.15	-0.33	1.47	1.25	0.48	1.92	0.75
14	Transportation equipment	0.24	-2.98	5.81	3.68	0.49	2.35	-1.12
15	Other equipment ⁴	0.30	-0.11	3.87	1.04	0.58	0.23	0.04
16	Intellectual property products	1.92	0.78	2.54	3.01	4.35	3.41	3.36
17	Software ⁵	0.78	0.83	1.24	1.28	2.95	1.61	1.80
18	Research and development ⁶	1.08	0.12	1.56	1.60	1.40	1.54	1.33
19	Entertainment, literary, and artistic originals	0.05	-0.17	-0.26	0.12	0.00	0.25	0.23
20	Residential	-0.20	1.49	12.18	8.03	3.47	-3.28	-2.08
21	Structures	-0.21	1.47	12.05	8.12	3.27	-3.30	-2.00
22	Permanent site	-0.44	0.55	2.44	5.99	3.03	0.39	-1.05
23	Single family	-0.51	0.47	1.60	5.67	2.60	0.15	-0.98
24	Multifamily	0.08	0.08	0.84	0.32	0.43	0.24	-0.07
25	Other structures ⁷	0.23	0.92	9.61	2.13	0.24	-3.69	-0.95
26	Equipment	0.00	0.02	0.12	-0.09	0.20	0.02	-0.08
27	Addenda: Private fixed investment in structures	0.16	-0.78	9.44	6.98	4.11	-3.72	-3.05
28	Private fixed investment in new structures	0.09	-1.18	1.70	5.57	4.95	-1.45	-3.30
29	Nonresidential structures ⁸	0.33	-2.20	-2.53	-1.04	0.83	-0.41	-1.00
30	Residential structures ⁹	-0.23	1.02	4.23	6.61	4.12	-1.05	-2.30
31	Private fixed investment in information processing equipment and software	1.18	1.54	5.49	3.13	5.76	0.68	1.13

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

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

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

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

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

6. Includes research and development expenditures for software.

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

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

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

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	134.140	130.538	130.111	135.526	139.738	140.870	140.600
2	Nonresidential	133.204	126.081	124.941	128.682	132.657	135.616	136.220
3	Structures	117.839	103.075	97.200	95.139	96.393	95.657	93.873
4	Commercial and health care	162.383	160.177	155.546	150.863	151.170	149.847	146.391
5	Manufacturing	135.185	117.025	115.516	110.102	114.856	118.336	114.099
6	Power and communication	112.282	106.956	103.174	97.752	96.148	93.041	89.868
7	Mining exploration, shafts, and wells ¹	79.127	49.432	37.852	44.200	51.305	54.704	57.454
8	Other structures ²	138.988	119.820	114.916	109.265	104.691	98.773	95.141
9	Equipment	128.006	117.349	118.633	125.797	130.009	133.788	132.705
10	Information processing equipment	147.802	157.897	164.801	171.018	181.176	177.543	174.890
11	Computers and peripheral equipment ³	123.270	135.885	141.591	147.681	162.083	145.095	146.687
12	Other ⁴	159.430	167.980	175.459	181.661	189.318	193.236	188.212
13	Industrial equipment	113.895	108.306	108.202	113.078	115.050	123.534	126.868
14	Transportation equipment	137.025	88.856	82.892	96.954	98.743	109.660	104.177
15	Other equipment ⁵	108.172	106.432	109.779	113.480	115.585	116.517	116.674
16	Intellectual property products	152.960	157.291	156.740	160.600	166.532	171.514	176.528
17	Software ⁶	171.944	184.619	185.060	189.683	201.107	207.864	215.571
18	Research and development ⁷	145.108	146.374	145.825	149.638	153.154	157.276	160.903
19	Entertainment, literary, and artistic originals	121.800	113.446	109.746	111.175	111.170	114.423	117.458
20	Residential	140.445	150.001	152.256	163.935	169.119	163.936	160.699
21	Structures	140.296	149.845	151.998	164.006	168.967	163.680	160.517
22	Permanent site	164.858	174.525	169.570	193.518	206.205	207.908	203.380
23	Single family	156.644	166.446	159.437	186.026	198.751	199.503	194.637
24	Multifamily	214.015	223.103	229.831	238.667	251.175	258.715	256.412
25	Other structures ⁸	126.055	135.555	141.921	146.913	147.366	138.037	135.663
26	Equipment	150.408	160.365	169.282	159.705	179.505	181.221	172.990
	Addenda:							
27	Private fixed investment in structures	128.395	125.860	124.020	129.059	132.177	129.131	126.667
28	Private fixed investment in new structures	131.503	126.972	122.939	127.664	132.176	130.765	127.603
29	Nonresidential structures ⁹	117.445	102.551	96.604	94.657	95.922	95.200	93.444
30	Residential structures ¹⁰	151.739	160.828	159.297	172.760	181.521	179.205	174.194
31	Private fixed investment in information processing equipment and software	159.287	170.615	174.390	179.828	190.586	191.946	194.266

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

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

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

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

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

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

7. Includes research and development expenditures for software.

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

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

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

Table 5.3.4. Price Indexes for Private Fixed Investment by Type

[Index numbers, 2012= 100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	109.684	111.052	111.316	111.850	112.864	114.105	115.955
2	Nonresidential	104.137	104.813	104.895	105.005	105.203	105.429	106.511
3	Structures	119.058	120.852	120.919	121.071	122.237	124.882	128.020
4	Commercial and health care	120.589	123.128	123.194	123.291	124.220	127.889	131.235
5	Manufacturing	123.139	126.798	127.653	127.378	127.930	128.880	133.211
6	Power and communication	115.294	119.030	119.236	120.164	121.726	124.279	127.836
7	Mining exploration, shafts, and wells ¹	105.183	100.077	98.900	97.936	98.776	101.056	102.554
8	Other structures ²	128.804	132.861	133.315	133.720	135.558	137.716	140.734
9	Equipment	97.816	97.388	97.309	96.780	97.318	96.536	97.670
10	Information processing equipment	80.452	79.137	79.161	78.961	78.653	78.532	78.775
11	Computers and peripheral equipment	93.317	91.032	91.327	90.847	91.095	91.498	92.656
12	Other ³	75.691	74.727	74.653	74.557	74.039	73.727	73.650
13	Industrial equipment	104.706	105.645	105.659	106.105	107.318	109.132	111.268
14	Transportation equipment	108.574	107.686	107.001	103.872	105.870	97.791	98.310
15	Other equipment ⁴	108.671	109.211	109.257	109.210	109.762	111.270	113.783
16	Intellectual property products	103.172	104.574	104.853	105.688	105.069	105.464	105.642
17	Software ⁵	91.428	90.267	90.087	90.294	88.503	88.639	88.393
18	Research and development ⁶	113.097	117.191	118.122	119.678	120.070	120.608	121.048
19	Entertainment, literary, and artistic originals	108.401	109.835	109.212	109.756	111.058	112.328	113.874
20	Residential	134.145	138.541	139.594	141.817	146.010	151.291	156.323
21	Structures	135.425	139.880	140.915	143.121	147.423	152.794	157.873
22	Permanent site	137.143	141.615	142.687	144.148	147.735	152.300	157.441
23	Single family	135.383	140.802	141.995	143.758	148.234	153.779	160.051
24	Multifamily	144.070	144.408	144.470	144.591	144.046	144.081	144.094
25	Other structures ⁷	134.149	138.592	139.598	142.346	147.212	153.265	158.291
26	Equipment	82.821	84.899	86.533	89.391	89.245	91.021	94.177
	Addenda:							
27	Private fixed investment in structures	127.378	130.582	131.159	132.502	135.520	139.750	143.996
28	Private fixed investment in new structures	124.278	127.025	127.593	128.487	131.210	135.327	139.351
29	Nonresidential structures ⁸	118.919	120.650	120.734	120.869	121.983	124.684	127.854
30	Residential structures ⁹	130.592	134.412	135.471	137.029	141.072	146.370	151.143
31	Private fixed investment in information processing equipment and software	85.493	84.258	84.186	84.181	83.168	83.171	83.171

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

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

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

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

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

6. Includes research and development expenditures for software.

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

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

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

Table 5.3.5. Private Fixed Investment by Type

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	3,752.6	3,697.4	3,693.8	3,865.9	4,022.2	4,099.4	4,157.8
2	Nonresidential	2,938.7	2,799.6	2,776.6	2,862.7	2,956.7	3,029.2	3,073.9
3	Structures	672.6	597.2	563.5	552.3	565.0	572.8	576.2
4	Commercial and health care	203.2	204.7	198.9	193.0	194.9	198.9	199.4
5	Manufacturing	77.9	69.4	69.0	65.6	68.7	71.3	71.1
6	Power and communication	132.5	130.3	126.0	120.3	119.9	118.5	117.7
7	Mining exploration, shafts, and wells ¹	127.3	75.6	56.8	65.7	76.9	83.9	89.4
8	Other structures ²	131.8	117.2	112.8	107.6	104.5	100.2	98.6
9	Equipment	1,231.3	1,123.9	1,135.5	1,197.5	1,244.5	1,270.4	1,274.9
10	Information processing equipment	393.9	413.9	432.2	447.3	472.1	461.9	456.4
11	Computers and peripheral equipment	119.1	128.1	133.9	138.9	152.8	137.4	140.7
12	Other ³	274.8	285.8	298.3	308.5	319.2	324.5	315.7
13	Industrial equipment	251.9	241.7	241.5	253.4	260.8	284.7	298.1
14	Transportation equipment	320.3	206.0	191.2	217.1	225.4	231.2	220.8
15	Other equipment ⁴	265.3	262.3	270.7	279.7	286.3	292.6	299.6
16	Intellectual property products	1,034.8	1,078.5	1,077.6	1,112.9	1,147.2	1,186.0	1,222.7
17	Software ⁵	427.7	453.4	453.6	466.0	484.2	501.3	518.4
18	Research and development ⁶	514.4	537.7	539.9	561.3	576.3	594.5	610.4
19	Entertainment, literary, and artistic originals	92.7	87.4	84.1	85.6	86.7	90.2	93.9
20	Residential	813.9	897.8	917.2	1,003.2	1,065.5	1,070.2	1,084.0
21	Structures	800.8	883.4	901.8	988.2	1,048.7	1,052.9	1,066.8
22	Permanent site	349.4	381.9	373.6	430.7	470.4	488.9	494.4
23	Single family	280.0	309.4	298.9	353.0	388.9	405.0	411.3
24	Multifamily	69.4	72.5	74.7	77.7	81.4	83.9	83.2
25	Other structures ⁷	451.4	501.5	528.2	557.4	578.3	563.9	572.4
26	Equipment	13.1	14.3	15.4	15.0	16.9	17.4	17.1
	Addenda:							
27	Private fixed investment in structures	1,473.4	1,480.7	1,465.3	1,540.5	1,613.6	1,625.7	1,643.1
28	Private fixed investment in new structures	1,283.3	1,266.5	1,231.8	1,288.2	1,361.9	1,389.7	1,396.4
29	Nonresidential structures ⁸	651.1	576.8	543.8	533.5	545.6	553.5	557.1
30	Residential structures ⁹	632.2	689.6	688.0	754.7	816.4	836.2	839.4
31	Private fixed investment in information processing equipment and software	821.6	867.3	885.7	913.3	956.3	963.1	974.8

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

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

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

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

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

6. Includes research and development expenditures for software.

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

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Private fixed investment	3,421.3	3,329.4	3,318.5	3,456.6	3,564.1	3,593.0	3,586.1
2	Nonresidential	2,822.0	2,671.1	2,646.9	2,726.2	2,810.4	2,873.1	2,885.8
3	Structures	565.0	494.2	466.0	456.1	462.1	458.6	450.1
4	Commercial and health care	168.5	166.2	161.4	156.6	156.9	155.5	151.9
5	Manufacturing	63.2	54.7	54.0	51.5	53.7	55.4	53.4
6	Power and communication	114.9	109.5	105.6	100.1	98.4	95.2	92.0
7	Mining exploration, shafts, and wells ¹	121.0	75.6	57.9	67.6	78.5	83.6	87.9
8	Other structures ²	102.3	88.2	84.6	80.4	77.1	72.7	70.0
9	Equipment	1,258.8	1,154.0	1,166.6	1,237.1	1,278.5	1,315.7	1,305.0
10	Information processing equipment	489.6	523.0	545.9	566.5	600.1	588.1	579.3
11	Computers and peripheral equipment ³	127.6	140.7	146.6	152.9	167.8	150.2	151.9
12	Other ⁴	363.0	382.5	399.5	413.7	431.1	440.0	428.6
13	Industrial equipment	240.6	228.8	228.5	238.8	243.0	260.9	268.0
14	Transportation equipment	295.0	191.3	178.5	208.7	212.6	236.1	224.3
15	Other equipment ⁵	244.1	240.2	247.7	256.1	260.8	262.9	263.3
16	Intellectual property products	1,002.9	1,031.3	1,027.7	1,053.0	1,091.9	1,124.6	1,157.5
17	Software ⁶	467.8	502.3	503.5	516.1	547.1	565.5	586.5
18	Research and development ⁷	454.8	458.8	457.1	469.0	480.1	493.0	504.3
19	Entertainment, literary, and artistic originals	85.5	79.6	77.0	78.0	78.0	80.3	82.4
20	Residential	606.7	648.0	657.8	708.2	730.6	708.2	694.2
21	Structures	591.3	631.6	640.6	691.3	712.2	689.9	676.5
22	Permanent site	254.7	269.7	262.0	299.0	318.6	321.3	314.3
23	Single family	206.8	219.7	210.5	245.6	262.4	263.4	257.0
24	Multifamily	48.2	50.2	51.7	53.7	56.5	58.2	57.7
25	Other structures ⁸	336.5	361.9	378.9	392.2	393.4	368.5	362.2
26	Equipment	15.8	16.9	17.8	16.8	18.9	19.1	18.2
27	Residual	-34.4	-37.6	-42.3	-41.1	-52.2	-67.7	-73.4
	Addenda:							
28	Private fixed investment in structures	1,156.7	1,133.9	1,117.3	1,162.7	1,190.8	1,163.4	1,141.2
29	Private fixed investment in new structures	1,032.6	997.0	965.3	1,002.5	1,037.9	1,026.8	1,002.0
30	Nonresidential structures ⁹	547.5	478.1	450.4	441.3	447.2	443.8	435.6
31	Residential structures ¹⁰	484.1	513.1	508.2	551.1	579.1	571.7	555.7
32	Private fixed investment in information processing equipment and software	961.0	1,029.3	1,052.1	1,084.9	1,149.8	1,158.0	1,172.0

Legend / Footnotes:

1. Includes petroleum and mineral exploration.

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

3. The quantity index for computers can be used to accurately measure the real growth rate of this component. However, because computers exhibit rapid changes in prices relative to other prices in the economy, the chained-dollar estimates should not be used to measure the component's relative importance or its contribution to the growth rate of more aggregate series; accurate estimates of these contributions are shown in table 5.3.2 and real growth rates are shown in table 5.3.1.

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

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

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

7. Includes research and development expenditures for software.

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

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

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

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.7.5B. Change in Private Inventories by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
2	Farm	-15.3	-6.0	-3.6	-2.2	-3.3	-4.6	-7.5
3	Mining, utilities, and construction	13.8	-3.7	-3.4	-1.1	-2.8	1.8	-3.7
4	Manufacturing	41.9	-7.1	-39.4	4.5	-43.2	-60.3	-42.8
5	Durable goods industries	26.7	-5.6	-23.5	-2.2	-30.6	-47.6	-54.5
6	Nondurable goods industries	15.2	-1.5	-15.9	6.8	-12.7	-12.6	11.7
7	Wholesale trade	20.8	-17.1	-1.4	19.0	0.0	-24.3	27.2
8	Durable goods industries	12.3	-25.8	-10.6	-2.2	22.1	6.4	15.7
9	Nondurable goods industries	8.5	8.7	9.2	21.2	-22.1	-30.7	11.4
10	Retail trade	10.8	-19.4	63.9	39.3	-38.0	-93.9	-56.1
11	Motor vehicle and parts dealers	6.5	-22.1	35.4	8.8	-60.6	-104.0	-54.3
12	Food and beverage stores	0.4	1.3	5.1	-1.6	4.8	-3.5	-0.8
13	General merchandise stores	-1.9	2.9	19.0	15.9	-1.8	6.7	6.8
14	Other retail stores	5.7	-1.4	4.3	16.2	19.5	6.8	-7.8
15	Other industries	1.7	-6.2	-1.1	-2.3	-6.8	7.1	15.0
	Addenda:							
16	Change in private inventories	73.6	-59.6	15.0	57.3	-94.2	-174.3	-68.1
17	Durable goods industries	48.3	-53.4	13.5	22.3	-60.2	-145.4	-106.9
18	Nondurable goods industries	25.3	-6.2	1.5	34.9	-34.0	-28.9	38.9
19	Nonfarm industries	88.9	-53.6	18.6	59.4	-90.9	-169.7	-60.6
20	Nonfarm change in book value ¹	82.8	-34.6	108.2	190.8	195.0	174.2	210.9
21	Nonfarm inventory valuation adjustment ²	6.1	-19.0	-89.6	-131.4	-285.9	-343.9	-271.5
22	Wholesale trade	20.8	-17.1	-1.4	19.0	0.0	-24.3	27.2
23	Merchant wholesale trade	11.6	-16.4	2.3	14.5	9.7	0.4	21.2
24	Durable goods industries	9.2	-21.7	-5.6	2.1	21.8	18.7	20.6
25	Nondurable goods industries	2.4	5.3	7.9	12.3	-12.1	-18.3	0.6
26	Nonmerchant wholesale trade	9.2	-0.7	-3.7	4.6	-9.7	-24.7	6.0

Legend / Footnotes:

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

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

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

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

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
2	Farm	-17.2	-7.7	-2.1	-3.9	-15.7	-22.7	-28.6
3	Mining, utilities, and construction	14.0	-4.2	-3.5	-0.9	-2.6	1.5	-3.4
4	Manufacturing	46.9	-9.7	-48.4	7.3	-35.4	-47.9	-38.0
5	Durable goods industries	26.3	-5.7	-23.8	-2.4	-27.7	-41.9	-45.4
6	Nondurable goods industries	20.7	-3.9	-25.5	10.8	-6.4	-3.8	11.2
7	Wholesale trade	21.4	-14.2	0.7	20.9	2.5	-21.4	25.4
8	Durable goods industries	12.1	-25.5	-10.5	-2.2	21.7	5.3	14.6
9	Nondurable goods industries	9.2	11.8	11.3	23.3	-19.5	-26.6	10.9
10	Retail trade	10.7	-18.5	61.8	36.8	-33.2	-85.7	-49.1
11	Motor vehicle and parts dealers	6.5	-22.5	35.1	8.6	-58.4	-95.7	-47.5
12	Food and beverage stores	0.4	1.1	4.6	-1.4	4.4	-3.0	-0.7
13	General merchandise stores	-1.8	2.7	17.7	14.7	-1.7	6.0	6.0
14	Other retail stores	5.8	-0.9	5.1	14.9	20.0	6.2	-6.5
15	Other industries	-1.6	10.1	9.3	23.1	-5.3	6.4	13.2
16	Residual	0.7	2.4	7.5	4.3	2.9	-0.2	-1.5
	Addenda:							
17	Change in private inventories	75.1	-42.3	25.3	88.8	-88.3	-168.5	-77.7
18	Durable goods industries	47.9	-52.7	11.2	20.5	-55.1	-130.8	-92.1
19	Nondurable goods industries	26.4	12.7	12.8	68.7	-31.8	-32.9	20.0
20	Nonfarm industries	89.0	-35.3	26.4	90.2	-74.4	-147.7	-53.7
21	Wholesale trade	21.4	-14.2	0.7	20.9	2.5	-21.4	25.4
22	Merchant wholesale trade	11.8	-13.3	4.0	15.8	12.1	2.1	19.6
23	Durable goods industries	9.1	-21.3	-5.4	2.1	21.3	16.6	19.0
24	Nondurable goods industries	2.7	8.1	9.3	13.5	-9.1	-14.0	0.8
25	Nonmerchant wholesale trade	9.8	-0.8	-3.7	5.2	-10.3	-25.0	5.9

Legend / Footnotes:

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

Chained (2012) dollar series for real change in private inventories are calculated as the period-to-period change in chained-dollar end-of-period inventories. Quarterly changes in end-of-period inventories are stated at annual rates. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 5.8.5B. Private Inventories and Domestic Final Sales by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Private inventories ¹	2,831.2	2,910.8	3,040.9	3,165.4	3,219.3
2	Farm	140.9	144.2	152.3	153.2	151.2
3	Mining, utilities, and construction	98.7	101.6	113.4	116.8	126.4
4	Manufacturing	860.7	898.2	963.2	1,028.6	1,049.1
5	Durable goods industries	510.9	528.5	556.8	589.6	597.9
6	Nondurable goods industries	349.8	369.7	406.5	439.0	451.2
7	Wholesale trade	830.5	850.2	894.1	930.3	947.8
8	Durable goods industries	460.0	463.6	483.6	505.5	516.5
9	Nondurable goods industries	370.5	386.6	410.6	424.7	431.3
10	Retail trade	697.0	711.3	707.8	716.6	714.7
11	Motor vehicle and parts dealers	235.9	238.4	227.7	221.3	209.8
12	Food and beverage stores	64.3	63.9	65.1	66.3	68.1
13	General merchandise stores	93.2	97.7	98.5	102.2	106.0
14	Other retail stores	303.7	311.3	316.5	326.8	330.8
15	Other industries	203.3	205.4	210.1	219.9	230.0
	Addenda:					
16	Private inventories	2,831.2	2,910.8	3,040.9	3,165.4	3,219.3
17	Durable goods industries	1,313.5	1,343.6	1,383.5	1,439.5	1,446.9
18	Nondurable goods industries	1,517.6	1,567.2	1,657.4	1,725.9	1,772.3
19	Nonfarm industries	2,690.2	2,766.6	2,888.6	3,012.2	3,068.1
20	Wholesale trade	830.5	850.2	894.1	930.3	947.8
21	Merchant wholesale trade	681.2	696.9	733.7	769.9	782.6
22	Durable goods industries	380.0	384.2	402.1	424.0	435.3
23	Nondurable goods industries	301.1	312.7	331.7	345.9	347.3
24	Nonmerchant wholesale trade	149.4	153.3	160.4	160.3	165.2
25	Final sales of domestic business ²	1,202.6	1,221.8	1,270.7	1,329.2	1,346.9
26	Final sales of goods and structures of domestic business ²	690.8	700.8	738.8	768.8	770.4
	Ratios of private inventories to final sales of domestic business:					
27	Private inventories to final sales	2.35	2.38	2.39	2.38	2.39
28	Nonfarm inventories to final sales	2.24	2.26	2.27	2.27	2.28
29	Nonfarm inventories to final sales of goods and structures	3.89	3.95	3.91	3.92	3.98

Legend / Footnotes:

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current-dollar change in private inventories component of GDP. The former is the difference between two inventory stocks, each valued at its respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas, the change in private inventories is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross output of general government, gross value added of nonprofit institutions, compensation paid to domestic workers, and imputed rental of owner-occupied nonfarm housing. It includes a small amount of final sales by farm and by government enterprises.

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

Table 5.8.6B. Real Private Inventories and Real Domestic Final Sales by Industry, Chained Dollars

[Billions of chained (2012) dollars] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Private inventories ¹	2,843.0	2,865.2	2,843.1	2,801.0	2,781.6
2	Farm	178.9	177.9	174.0	168.3	161.1
3	Mining, utilities, and construction	109.9	109.7	109.1	109.4	108.6
4	Manufacturing	876.3	878.1	869.3	857.3	847.8
5	Durable goods industries	481.8	481.2	474.3	463.8	452.4
6	Nondurable goods industries	397.4	400.1	398.5	397.5	400.3
7	Wholesale trade	825.7	830.9	831.6	826.2	832.6
8	Durable goods industries	445.8	445.2	450.6	452.0	455.6
9	Nondurable goods industries	380.7	386.5	381.6	375.0	377.7
10	Retail trade	653.8	663.0	654.7	633.3	621.0
11	Motor vehicle and parts dealers	229.3	231.5	216.9	193.0	181.1
12	Food and beverage stores	58.2	57.9	59.0	58.2	58.0
13	General merchandise stores	86.6	90.3	89.9	91.4	92.9
14	Other retail stores	280.1	283.9	288.8	290.4	288.8
15	Other industries	190.0	195.8	194.5	196.1	199.4
16	Residual	4.2	5.3	6.0	6.0	5.6
	Addenda:					
17	Private inventories	2,843.0	2,865.2	2,843.1	2,801.0	2,781.6
18	Durable goods industries	1,252.3	1,257.4	1,243.7	1,211.0	1,187.9
19	Nondurable goods industries	1,589.7	1,606.8	1,598.9	1,590.7	1,595.7
20	Nonfarm industries	2,656.0	2,678.5	2,659.9	2,623.0	2,609.6
21	Wholesale trade	825.7	830.9	831.6	826.2	832.6
22	Merchant wholesale trade	668.2	672.1	675.1	675.7	680.6
23	Durable goods industries	367.8	368.3	373.7	377.8	382.6
24	Nondurable goods industries	300.8	304.1	301.9	298.4	298.6
25	Nonmerchant wholesale trade	158.9	160.3	157.7	151.4	152.9
26	Final sales of domestic business ²	1,081.5	1,094.0	1,125.0	1,156.2	1,153.9
27	Final sales of goods and structures of domestic business ²	652.8	659.2	685.6	699.6	687.3
	Ratios of private inventories to final sales of domestic business:					
28	Private inventories to final sales	2.63	2.62	2.53	2.42	2.41
29	Nonfarm inventories to final sales	2.46	2.45	2.36	2.27	2.26
30	Nonfarm inventories to final sales of goods and structures	4.07	4.06	3.88	3.75	3.80

Legend / Footnotes:

1. Inventories are as of the end of the quarter. The quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the change in private inventories component of GDP is stated at annual rates.

2. Quarterly totals at monthly rates. Final sales of domestic business equals final sales of domestic product less gross output of general government, gross value added of nonprofit institutions, compensation paid to domestic workers, and imputed rental of owner-occupied nonfarm housing. It includes a small amount of final sales by farm and by government enterprises.

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

Chained (2012) dollar inventory series are calculated to ensure that the chained (2012) dollar change in inventories for 2012 equals the current-dollar change in inventories for 2012 and that the average of the 2011 and 2012 end-of-year chain-weighted and fixed-weighted inventories are equal.

Table 5.8.9B. Implicit Price Deflators for Private Inventories by Industry

[Index numbers, 2012=100] Seasonally adjusted

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Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Private inventories ¹	99.584	101.592	106.955	113.008	115.735
2	Farm	78.785	81.070	87.554	91.016	93.811
3	Mining, utilities, and construction	89.764	92.569	103.942	106.696	116.430
4	Manufacturing	98.221	102.292	110.813	119.984	123.749
5	Durable goods industries	106.037	109.830	117.400	127.134	132.149
6	Nondurable goods industries	88.038	92.425	102.014	110.435	112.719
7	Wholesale trade	100.582	102.314	107.523	112.595	113.841
8	Durable goods industries	103.192	104.120	107.305	111.852	113.360
9	Nondurable goods industries	97.332	100.031	107.589	113.277	114.205
10	Retail trade	106.614	107.283	108.106	113.163	115.101
11	Motor vehicle and parts dealers	102.867	102.981	104.979	114.680	115.825
12	Food and beverage stores	110.343	110.490	110.331	113.883	117.390
13	General merchandise stores	107.556	108.132	109.519	111.855	114.126
14	Other retail stores	108.399	109.660	109.587	112.521	114.553
15	Other industries	107.001	104.885	108.010	112.160	115.350
	Addenda:					
16	Private inventories	99.584	101.592	106.955	113.008	115.735
17	Durable goods industries	104.891	106.853	111.246	118.873	121.800
18	Nondurable goods industries	95.468	97.533	103.656	108.497	111.071
19	Nonfarm industries	101.291	103.287	108.596	114.838	117.571
20	Wholesale trade	100.582	102.314	107.523	112.595	113.841
21	Merchant wholesale trade	101.944	103.683	108.682	113.951	114.994
22	Durable goods industries	103.324	104.302	107.608	112.226	113.787
23	Nondurable goods industries	100.115	102.805	109.868	115.942	116.324
24	Nonmerchant wholesale trade	93.963	95.661	101.723	105.898	108.042

Legend / Footnotes:

1. Implicit price deflators are as of the end of the quarter and are consistent with inventory stocks.

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

Table 6.1D. National Income Without Capital Consumption Adjustment by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	National income without capital consumption adjustment	17,809.2	17,294.6	17,132.0	18,175.3	18,643.9	19,049.0	---
2	Domestic industries	17,542.8	17,072.3	16,905.2	17,924.7	18,409.0	18,818.6	---
3	Private industries	15,507.9	15,008.0	14,845.9	15,855.4	16,328.4	16,713.7	---
4	Agriculture, forestry, fishing, and hunting	119.7	123.7	122.6	145.5	160.0	188.3	---
5	Mining	157.2	47.4	29.1	58.1	116.7	155.5	---
6	Utilities	183.9	191.3	192.1	203.1	204.2	199.0	---
7	Construction	940.5	908.3	898.8	967.5	996.2	996.3	---
8	Manufacturing	1,713.5	1,618.3	1,599.0	1,708.7	1,787.7	1,827.4	---
9	Durable goods	1,018.6	973.5	967.9	1,038.0	1,085.1	1,076.9	---
10	Nondurable goods	694.9	644.8	631.1	670.8	702.6	750.5	---
11	Wholesale trade	1,008.7	969.6	944.6	1,006.7	1,014.1	1,060.1	---
12	Retail trade	1,176.5	1,205.7	1,218.4	1,287.0	1,373.1	1,425.2	---
13	Transportation and warehousing	573.6	499.7	489.0	543.8	533.6	563.3	---
14	Information	666.3	675.7	672.4	761.3	771.8	799.7	---
15	Finance, insurance, real estate, rental, and leasing	3,104.4	3,215.6	3,218.5	3,325.8	3,361.0	3,398.7	---
16	Professional and business services ¹	2,696.8	2,683.1	2,635.9	2,829.9	2,913.7	2,946.7	---
17	Educational services, health care, and social assistance	1,832.5	1,800.7	1,811.2	1,907.0	1,961.7	1,962.3	---
18	Arts, entertainment, recreation, accommodation, and food services	817.1	586.6	539.6	613.7	624.6	675.2	---
19	Other services, except government	517.5	482.5	474.7	497.2	509.9	515.9	---
20	Government	2,034.8	2,064.3	2,059.3	2,069.3	2,080.7	2,104.9	---
21	Rest of the world	266.4	222.3	226.8	250.6	234.8	230.4	---

Legend / Footnotes:

1. Consists of professional, scientific, and technical services; management of companies and enterprises; and administrative and waste management services.

Note. Estimates in this table are based on the 2012 North American Industry Classification System (NAICS).

Table 6.16D. Corporate Profits by Industry

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Corporate profits with inventory valuation and capital consumption adjustments	2,367.8	2,243.8	2,435.4	2,427.5	2,551.4	2,819.2	---
2	Domestic industries	1,854.4	1,789.0	1,981.0	1,950.5	2,085.0	2,359.0	---
3	Financial ¹	506.9	467.0	466.7	483.7	485.0	537.8	---
4	Nonfinancial	1,347.5	1,322.0	1,514.3	1,466.8	1,600.0	1,821.3	---
5	Rest of the world	513.4	454.7	454.5	477.0	466.4	460.2	---
6	Receipts from the rest of the world	864.7	765.9	783.3	831.1	865.3	892.7	---
7	Less: Payments to the rest of the world	351.3	311.2	328.8	354.1	398.9	432.5	---
8	Corporate profits with inventory valuation adjustment	2,254.6	2,165.9	2,360.5	2,357.2	2,461.8	2,747.7	---
9	Domestic industries	1,741.2	1,711.2	1,906.0	1,880.1	1,995.4	2,287.6	---
10	Financial	533.2	502.5	502.4	521.0	519.9	576.9	---
11	Federal Reserve banks	64.1	92.9	106.1	94.4	83.9	114.4	---
12	Other financial ²	469.0	409.6	396.4	426.6	436.0	462.5	---
13	Nonfinancial	1,208.0	1,208.7	1,403.6	1,359.1	1,475.6	1,710.7	---
14	Utilities	7.7	10.4	10.4	19.6	20.9	11.9	---
15	Manufacturing	355.7	328.8	362.3	365.3	401.9	450.5	---
16	Durable goods	183.4	188.5	222.3	218.0	234.7	248.1	---
17	Fabricated metal products	21.9	22.7	27.2	27.7	26.6	25.3	---
18	Machinery	25.8	27.9	36.4	32.3	32.5	33.1	---
19	Computer and electronic products	61.9	67.0	63.0	77.0	93.1	97.8	---
20	Electrical equipment, appliances, and components	4.3	6.6	10.4	7.2	7.1	4.0	---
21	Motor vehicles, bodies and trailers, and parts	4.5	5.6	8.9	-1.1	-3.0	-10.7	---
22	Other durable goods ³	65.0	58.9	76.4	74.8	78.4	98.6	---
23	Nondurable goods	172.3	140.4	140.0	147.3	167.2	202.3	---
24	Food and beverage and tobacco products	55.2	74.8	78.7	78.7	79.3	75.1	---
25	Petroleum and coal products	16.7	-37.9	-55.6	-51.7	-21.0	2.7	---
26	Chemical products	68.0	74.6	78.6	79.6	72.9	90.7	---
27	Other nondurable goods ⁴	32.4	29.0	38.3	40.7	36.0	33.8	---
28	Wholesale trade	117.8	123.7	125.4	136.2	112.6	137.6	---
29	Retail trade	159.1	218.5	250.2	242.9	280.2	307.6	---
30	Transportation and warehousing	37.6	19.2	22.7	24.8	34.5	64.4	---
31	Information	127.8	134.9	143.4	157.7	161.0	175.5	---
32	Other nonfinancial ⁵	402.3	373.1	489.2	412.5	464.4	563.3	---
33	Rest of the world	513.4	454.7	454.5	477.0	466.4	460.2	---

Legend / Footnotes:

1. Consists of finance and insurance and bank and other holding companies.

2. Consists of credit intermediation and related activities; securities, commodity contracts, and other financial investments and related activities; insurance carriers and related activities; funds, trusts, and other financial vehicles; and bank and other holding companies.

3. Consists of wood products; nonmetallic mineral products; primary metals; other transportation equipment; furniture and related products; and miscellaneous manufacturing.

4. Consists of textile mills and textile product mills; apparel; leather and allied products; paper products; printing and related support activities; and plastics and rubber products.

5. Consists of agriculture, forestry, fishing, and hunting; mining; construction; real estate and rental and leasing; professional, scientific, and technical services; administrative and waste management services; educational services; health care and social assistance; arts, entertainment, and recreation; accommodation and food services; and other services, except government.

Note. Estimates in this table are based on the 2012 North American Industry Classification System (NAICS).

Table 7.1. Selected Per Capita Product and Income Series in Current and Chained Dollars

[Dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
	Current dollars:							
1	Gross domestic product	65,056	63,285	63,985	64,923	66,579	68,660	69,904
2	Gross national product	65,867	63,959	64,672	65,681	67,288	69,356	---
3	Personal income	56,082	59,450	59,865	59,072	66,062	62,121	62,210
4	Disposable personal income	49,370	52,800	53,261	52,241	58,775	54,528	54,391
5	Personal consumption expenditures	43,919	42,549	43,266	43,733	45,332	47,347	48,102
6	Goods	13,633	14,096	14,733	14,713	15,845	16,696	16,573
7	Durable goods	4,606	4,896	5,307	5,318	5,915	6,317	5,986
8	Nondurable goods	9,027	9,200	9,426	9,395	9,931	10,379	10,587
9	Services	30,286	28,453	28,534	29,020	29,487	30,651	31,529
	Chained (2012) dollars:							
10	Gross domestic product	57,933	55,685	56,182	56,732	57,568	58,478	58,717
11	Gross national product	58,662	56,284	56,793	57,397	58,192	59,081	---
12	Disposable personal income	44,913	47,471	47,772	46,682	52,027	47,518	46,795
13	Personal consumption expenditures	39,955	38,255	38,808	39,079	40,128	41,260	41,385
14	Goods	14,376	14,970	15,616	15,583	16,545	17,049	16,628
15	Durable goods	5,326	5,707	6,146	6,156	6,808	6,993	6,477
16	Nondurable goods	9,095	9,330	9,565	9,525	9,877	10,197	10,252
17	Services	25,702	23,651	23,656	23,932	24,149	24,801	25,251
18	Population (midperiod, thousands)	328,527	330,152	330,368	330,815	331,011	331,209	331,507

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

[Percent] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	0.2	-12.7	1,236.8	-12.8	1.1	-14.1	-41.6
2	Auto output	-17.3	-25.6	2,193.2	-84.6	8.8	136.6	-45.7
3	Truck output	2.4	-11.4	1,168.1	1.4	0.6	-21.4	-41.1
4	Final sales of domestic product	1.6	-8.3	52.7	-0.6	81.4	27.9	-52.2
5	Personal consumption expenditures	-1.6	3.6	100.6	3.2	60.8	15.5	-57.7
6	New motor vehicles	-0.6	1.8	126.2	16.8	58.1	24.7	-68.1
7	Autos	-11.7	-17.8	225.4	8.0	0.8	51.6	-45.8
8	Light trucks (including utility vehicles)	2.6	6.6	111.8	18.6	71.0	20.7	-71.0
9	Net purchases of used autos and used light trucks	-3.4	6.9	63.6	-16.9	65.7	1.6	-36.8
10	Used autos	-18.4	-19.0	20.8	-5.2	40.6	-2.1	-35.9
11	Used light trucks (including utility vehicles)	4.8	17.9	78.5	-19.8	73.3	2.6	-37.0
12	Private fixed investment	6.6	-36.8	142.6	77.1	5.4	42.9	-21.9
13	New motor vehicles	4.9	-23.0	425.4	41.6	4.2	-5.8	-48.2
14	Autos	-6.3	-31.5	492.0	35.8	8.5	17.4	-66.9
15	Trucks	7.8	-21.2	413.7	42.8	3.4	-9.9	-43.5
16	Light trucks (including utility vehicles)	8.4	-18.7	515.1	40.7	-7.6	-10.5	-44.0
17	Other	5.5	-30.5	138.9	53.1	69.2	-7.0	-41.6
18	Net purchases of used autos and used light trucks	1.5	5.4	1,299.2	13.7	3.0	-37.8	-66.4
19	Used autos	-8.8	-8.5	1,385.0	7.0	4.8	-2.0	-76.8
20	Used light trucks (including utility vehicles)	7.8	12.7	1,265.5	16.5	2.3	-49.0	-60.7
21	Gross government investment	9.3	-7.4	73.5	31.6	-40.8	-25.3	-48.8
22	Autos	6.7	-18.4	-67.7	-28.0	-23.2	-71.0	23.8
23	Trucks	9.6	-6.3	103.6	37.9	-42.0	-18.8	-52.9
24	Net exports	---	---	---	---	---	---	---
25	Exports	9.8	-20.9	5,472.5	7.1	9.6	-17.6	-8.4
26	Autos	14.1	-20.3	6,489.7	15.7	-1.7	-15.3	-18.1
27	Trucks	4.5	-21.7	4,382.8	-3.8	27.4	-20.5	6.1
28	Imports	3.9	-20.7	2,070.9	77.6	-35.3	-19.2	-35.9
29	Autos	2.1	-19.4	1,941.1	104.1	-37.8	-33.0	-32.3
30	Trucks	6.5	-22.5	2,269.2	45.1	-31.5	4.8	-40.3
31	Change in private inventories	---	---	---	---	---	---	---
32	Autos	---	---	---	---	---	---	---
33	New	---	---	---	---	---	---	---
34	Domestic	---	---	---	---	---	---	---
35	Foreign	---	---	---	---	---	---	---
36	Used	---	---	---	---	---	---	---
37	Trucks	---	---	---	---	---	---	---
38	New	---	---	---	---	---	---	---
39	Domestic	---	---	---	---	---	---	---
40	Foreign	---	---	---	---	---	---	---
41	Used ¹	---	---	---	---	---	---	---
	Addenda:							
42	Final sales of motor vehicles to domestic purchasers	1.5	-10.8	108.8	17.5	41.9	19.2	-51.9
43	Private fixed investment in new autos and new light trucks	4.8	-21.5	510.7	39.8	-4.7	-5.6	-49.4
44	Domestic output of new autos ²	-1.4	-19.8	9,549.2	-18.0	-50.2	-3.3	-49.6
45	Sales of imported new autos ³	-7.4	-26.8	195.0	33.0	63.5	20.4	-35.4

Legend / Footnotes:

1. Consists of used light trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.3B. Real Motor Vehicle Output, Quantity Indexes

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	130.382	113.771	135.372	130.811	131.160	126.259	110.387
2	Auto output	39.179	29.145	40.764	25.556	26.100	32.369	27.785
3	Truck output	175.065	155.130	181.638	182.281	182.538	171.873	150.560
4	Final sales of domestic product	133.947	122.766	129.285	129.085	149.804	159.319	132.464
5	Personal consumption expenditures	134.708	139.540	151.591	152.783	172.045	178.339	143.837
6	New motor vehicles	117.471	119.588	129.646	134.790	151.150	159.728	120.072
7	Autos	60.162	49.458	53.709	54.758	54.871	60.885	52.232
8	Light trucks (including utility vehicles)	154.122	164.333	178.094	185.846	212.520	222.757	163.398
9	Net purchases of used autos and used light trucks	180.557	193.035	210.339	200.839	227.863	228.746	203.990
10	Used autos	119.251	96.542	98.290	96.982	105.604	105.058	94.004
11	Used light trucks (including utility vehicles)	231.685	273.178	303.408	287.083	329.370	331.459	295.318
12	Private fixed investment	146.511	92.627	87.812	101.305	102.642	112.214	105.496
13	New motor vehicles	157.416	121.144	126.719	138.241	139.671	137.591	116.729
14	Autos	75.750	51.899	54.076	58.378	59.577	62.017	47.031
15	Trucks	208.309	164.224	171.911	187.920	189.499	184.647	160.063
16	Light trucks (including utility vehicles)	233.253	189.540	200.604	218.483	214.199	208.313	180.207
17	Other	144.770	100.606	100.062	111.303	126.942	124.657	108.973
18	Net purchases of used autos and used light trucks	186.450	196.606	229.238	236.694	238.460	211.736	161.198
19	Used autos	132.297	121.057	139.416	141.799	143.476	142.766	99.074
20	Used light trucks (including utility vehicles)	236.827	266.823	312.714	324.880	326.730	276.138	218.641
21	Gross government investment	151.500	140.288	142.549	152.688	133.959	124.558	105.353
22	Autos	131.603	107.432	98.035	90.303	84.549	62.039	65.434
23	Trucks	153.937	144.279	147.798	160.155	139.794	132.689	109.949
24	Net exports	---	---	---	---	---	---	---
25	Exports	102.246	80.907	95.119	96.758	98.993	94.328	92.282
26	Autos	116.498	92.880	110.060	114.138	113.637	109.001	103.705
27	Trucks	86.788	67.991	79.088	78.316	83.196	78.570	79.737
28	Imports	135.250	107.209	116.304	134.257	120.398	114.141	102.141
29	Autos	133.207	107.323	114.257	136.565	121.301	109.748	99.551
30	Trucks	138.337	107.144	119.384	131.038	119.199	120.591	105.984
31	Change in private inventories	---	---	---	---	---	---	---
32	Autos	---	---	---	---	---	---	---
33	New	---	---	---	---	---	---	---
34	Domestic	---	---	---	---	---	---	---
35	Foreign	---	---	---	---	---	---	---
36	Used	---	---	---	---	---	---	---
37	Trucks	---	---	---	---	---	---	---
38	New	---	---	---	---	---	---	---
39	Domestic	---	---	---	---	---	---	---
40	Foreign	---	---	---	---	---	---	---
41	Used ¹	---	---	---	---	---	---	---
	Addenda:							
42	Final sales of motor vehicles to domestic purchasers	138.941	123.873	130.057	135.404	147.781	154.406	128.621
43	Private fixed investment in new autos and new light trucks	159.913	125.483	132.413	143.975	142.234	140.204	118.245
44	Domestic output of new autos ²	70.282	56.351	70.406	66.990	56.268	55.791	47.001
45	Sales of imported new autos ³	77.162	56.453	58.202	62.500	70.676	74.034	66.381

Legend / Footnotes:

1. Consists of used light trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.4B. Price Indexes for Motor Vehicle Output

[Index numbers, 2012=100] Seasonally adjusted

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	103.259	104.136	106.085	105.979	106.292	112.876	118.440
2	Auto output	94.925	96.171	104.422	100.189	102.874	125.567	134.628
3	Truck output	106.072	106.926	108.254	108.516	108.661	114.013	119.358
4	Final sales of domestic product	103.416	104.122	105.840	105.419	105.886	111.766	117.196
5	Personal consumption expenditures	97.262	99.081	101.240	102.024	101.879	111.341	117.337
6	New motor vehicles	102.668	103.364	103.633	104.447	104.191	106.471	111.663
7	Autos	99.037	99.924	100.463	100.850	100.552	102.362	107.372
8	Light trucks (including utility vehicles)	104.586	105.246	105.378	106.277	106.027	108.415	113.699
9	Net purchases of used autos and used light trucks	86.750	90.284	95.169	95.905	95.947	117.278	124.452
10	Used autos	84.711	88.419	96.076	92.644	94.800	118.969	123.419
11	Used light trucks (including utility vehicles)	88.138	91.639	95.763	97.685	97.130	117.878	125.860
12	Private fixed investment	107.717	106.160	105.267	101.074	103.536	92.744	93.082
13	New motor vehicles	103.592	104.309	104.554	105.292	105.099	107.266	111.840
14	Autos	99.034	99.908	100.440	100.830	100.534	102.256	107.259
15	Trucks	105.911	106.602	106.792	107.610	107.435	109.725	114.272
16	Light trucks (including utility vehicles)	104.574	105.246	105.458	106.368	106.115	108.542	113.810
17	Other	111.356	112.129	112.242	112.590	112.778	114.478	115.957
18	Net purchases of used autos and used light trucks	94.123	97.988	99.804	105.400	102.486	119.187	129.355
19	Used autos	93.748	97.519	99.431	104.878	102.085	115.258	122.006
20	Used light trucks (including utility vehicles)	94.396	98.309	100.089	105.755	102.786	121.081	132.807
21	Gross government investment	110.823	111.049	111.067	111.857	112.598	115.557	117.218
22	Autos	107.434	105.631	105.975	114.565	122.076	162.179	152.064
23	Trucks	111.231	111.660	111.583	111.752	111.991	112.387	114.844
24	Net exports	---	---	---	---	---	---	---
25	Exports	105.334	105.349	105.354	105.606	105.935	106.169	106.321
26	Autos	98.888	98.747	98.595	98.897	99.230	99.472	99.563
27	Trucks	114.269	114.525	114.719	114.881	115.200	115.420	115.664
28	Imports	96.739	97.694	97.737	97.774	98.205	98.493	98.870
29	Autos	97.180	98.283	98.392	98.362	98.751	98.930	98.930
30	Trucks	96.017	96.762	96.848	96.994	97.489	97.926	98.801
31	Change in private inventories	---	---	---	---	---	---	---
32	Autos	---	---	---	---	---	---	---
33	New	---	---	---	---	---	---	---
34	Domestic	---	---	---	---	---	---	---
35	Foreign	---	---	---	---	---	---	---
36	Used	---	---	---	---	---	---	---
37	Trucks	---	---	---	---	---	---	---
38	New	---	---	---	---	---	---	---
39	Domestic	---	---	---	---	---	---	---
40	Foreign	---	---	---	---	---	---	---
41	Used ¹	---	---	---	---	---	---	---
	Addenda:							
42	Final sales of motor vehicles to domestic purchasers	101.065	101.918	103.364	103.012	103.481	108.400	113.010
43	Private fixed investment in new autos and new light trucks	102.213	102.920	103.192	103.990	103.732	105.986	111.138
44	Domestic output of new autos ²	99.189	99.321	99.105	99.175	99.654	98.656	99.821
45	Sales of imported new autos ³	99.038	99.901	100.441	100.835	100.525	102.324	107.405

Legend / Footnotes:

1. Consists of used light trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.5B. Motor Vehicle Output

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	585.8	516.1	623.5	601.4	604.5	618.1	567.1
2	Auto output	55.6	41.9	62.7	37.6	39.5	59.8	55.0
3	Truck output	530.2	474.2	560.9	563.7	565.0	558.4	512.1
4	Final sales of domestic product	566.1	522.4	558.7	555.6	647.6	727.0	633.8
5	Personal consumption expenditures	436.7	460.8	510.2	518.1	582.5	659.9	560.9
6	New motor vehicles	285.8	292.9	318.1	333.3	372.8	402.6	317.4
7	Autos	56.4	46.8	51.0	52.2	52.2	58.9	53.0
8	Light trucks (including utility vehicles)	229.4	246.1	267.1	281.1	320.7	343.7	264.4
9	Net purchases of used autos and used light trucks	150.9	167.9	192.1	184.7	209.7	257.3	243.5
10	Used autos	44.9	37.9	41.9	39.9	44.4	55.5	51.5
11	Used light trucks (including utility vehicles)	106.0	130.0	150.2	144.9	165.3	201.9	192.0
12	Private fixed investment	249.6	155.5	146.4	162.2	168.4	164.9	155.6
13	New motor vehicles	366.9	284.3	297.9	327.3	330.0	331.8	293.5
14	Autos	66.7	46.1	48.3	52.3	53.2	56.4	44.8
15	Trucks	300.2	238.2	249.6	274.9	276.8	275.5	248.7
16	Light trucks (including utility vehicles)	238.4	195.0	206.6	226.9	221.9	220.8	200.3
17	Other	61.8	43.2	43.0	48.0	54.9	54.7	48.4
18	Net purchases of used autos and used light trucks	-117.4	-128.8	-151.5	-165.0	-161.6	-166.9	-137.9
19	Used autos	-40.0	-38.1	-44.4	-47.6	-46.8	-52.6	-38.7
20	Used light trucks (including utility vehicles)	-77.3	-90.7	-107.1	-117.5	-114.8	-114.3	-99.3
21	Gross government investment	23.4	21.7	22.0	23.8	21.0	20.0	17.2
22	Autos	2.2	1.8	1.6	1.6	1.6	1.6	1.6
23	Trucks	21.2	19.9	20.4	22.1	19.4	18.5	15.6
24	Net exports	-143.5	-115.6	-119.9	-148.5	-124.3	-117.9	-99.9
25	Exports	79.2	62.7	73.7	75.2	77.1	73.7	72.2
26	Autos	45.1	35.9	42.5	44.2	44.1	42.4	40.4
27	Trucks	34.1	26.8	31.2	31.0	33.0	31.2	31.8
28	Imports	222.8	178.3	193.6	223.6	201.4	191.5	172.0
29	Autos	129.6	105.6	112.6	134.5	120.0	108.7	98.6
30	Trucks	93.1	72.7	81.1	89.1	81.5	82.8	73.4
31	Change in private inventories	19.7	-6.3	64.8	45.8	-43.1	-108.9	-66.8
32	Autos	10.1	17.2	34.3	29.5	10.7	6.3	1.0
33	New	-5.7	-2.1	8.4	1.8	-14.4	-21.3	-14.7
34	Domestic	-4.2	-1.8	7.0	-0.9	-10.0	-15.7	-9.9
35	Foreign	-1.5	-0.3	1.4	2.6	-4.4	-5.6	-4.9
36	Used	15.8	19.4	25.9	27.8	25.1	27.6	15.7
37	Trucks	9.7	-23.5	30.5	16.2	-53.8	-115.2	-67.7
38	New	0.2	-23.2	28.7	1.0	-51.8	-87.0	-31.2
39	Domestic	0.7	-23.2	29.1	-1.5	-42.5	-71.4	-21.0
40	Foreign	-0.5	-0.1	-0.4	2.5	-9.3	-15.6	-10.2
41	Used ¹	9.4	-0.2	1.8	15.3	-2.0	-28.2	-36.6
	Addenda:							
42	Final sales of motor vehicles to domestic purchasers	709.6	638.0	678.7	704.1	771.9	844.9	733.7
43	Private fixed investment in new autos and new light trucks	305.1	241.1	254.9	279.2	275.2	277.1	245.1
44	Domestic output of new autos ²	79.9	64.1	80.0	76.2	64.3	63.1	53.8
45	Sales of imported new autos ³	80.3	59.3	61.4	66.2	74.6	79.6	74.9

Legend / Footnotes:

1. Consists of used light trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Table 7.2.6B. Real Motor Vehicle Output, Chained Dollars

[Billions of chained (2012) dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Motor vehicle output	567.3	495.1	589.0	569.2	570.7	549.4	480.3
2	Auto output	58.6	43.6	61.0	38.2	39.1	48.4	41.6
3	Truck output	499.8	442.9	518.6	520.4	521.2	490.7	429.9
4	Final sales of domestic product	547.4	501.7	528.4	527.5	612.2	651.1	541.4
5	Personal consumption expenditures	449.0	465.1	505.3	509.2	573.4	594.4	479.4
6	New motor vehicles	278.4	283.4	307.2	319.4	358.2	378.5	284.5
7	Autos	56.9	46.8	50.8	51.8	51.9	57.6	49.4
8	Light trucks (including utility vehicles)	219.3	233.9	253.4	264.5	302.4	317.0	232.5
9	Net purchases of used autos and used light trucks	174.0	186.0	202.6	193.5	219.5	220.4	196.5
10	Used autos	53.0	42.9	43.7	43.1	46.9	46.7	41.8
11	Used light trucks (including utility vehicles)	120.3	141.9	157.6	149.1	171.0	172.1	153.4
12	Private fixed investment	231.7	146.5	138.9	160.2	162.3	177.4	166.8
13	New motor vehicles	354.2	272.6	285.1	311.0	314.3	309.6	262.6
14	Autos	67.4	46.2	48.1	51.9	53.0	55.2	41.8
15	Trucks	283.4	223.4	233.9	255.7	257.8	251.2	217.8
16	Light trucks (including utility vehicles)	228.0	185.2	196.1	213.5	209.3	203.6	176.1
17	Other	55.5	38.6	38.4	42.7	48.7	47.8	41.8
18	Net purchases of used autos and used light trucks	-124.7	-131.5	-153.3	-158.3	-159.5	-141.6	-107.8
19	Used autos	-42.7	-39.1	-45.0	-45.8	-46.3	-46.1	-32.0
20	Used light trucks (including utility vehicles)	-81.9	-92.3	-108.1	-112.3	-113.0	-95.5	-75.6
21	Gross government investment	21.1	19.5	19.9	21.3	18.7	17.4	14.7
22	Autos	2.0	1.7	1.5	1.4	1.3	1.0	1.0
23	Trucks	19.0	17.9	18.3	19.8	17.3	16.4	13.6
24	Net exports	-155.0	-123.0	-128.0	-157.4	-132.2	-124.9	-106.0
25	Exports	75.2	59.5	70.0	71.2	72.8	69.4	67.9
26	Autos	45.6	36.4	43.1	44.7	44.5	42.7	40.6
27	Trucks	29.9	23.4	27.2	27.0	28.6	27.1	27.5
28	Imports	230.3	182.5	198.0	228.6	205.0	194.3	173.9
29	Autos	133.4	107.5	114.4	136.8	121.5	109.9	99.7
30	Trucks	97.0	75.1	83.7	91.9	83.6	84.5	74.3
31	Change in private inventories	20.0	-7.3	63.7	43.1	-40.1	-90.6	-49.4
32	Autos	10.3	16.8	33.6	27.9	10.7	6.9	3.1
33	New	-5.6	-2.1	8.2	1.7	-13.8	-20.3	-14.0
34	Domestic	-4.0	-1.7	6.7	-0.8	-9.4	-14.6	-9.1
35	Foreign	-1.6	-0.3	1.4	2.7	-4.4	-5.6	-4.9
36	Used	17.0	19.8	26.3	27.0	24.9	25.2	14.5
37	Trucks	9.8	-23.4	30.1	15.2	-50.8	-100.2	-54.2
38	New	0.6	-21.6	26.8	0.5	-47.8	-78.9	-28.3
39	Domestic	1.0	-21.2	26.8	-1.7	-38.8	-63.9	-18.9
40	Foreign	-0.5	-0.1	-0.4	2.5	-9.4	-15.6	-10.2
41	Used ¹	10.1	-0.9	1.4	14.8	-1.8	-23.7	-28.1
42	Residual	3.3	-1.2	0.0	2.1	-1.2	-3.4	-0.8
	Addenda:							
43	Final sales of motor vehicles to domestic purchasers	702.2	626.0	657.3	684.3	746.8	780.3	650.0
44	Private fixed investment in new autos and new light trucks	298.5	234.2	247.2	268.8	265.5	261.7	220.7
45	Domestic output of new autos ²	80.5	64.6	80.7	76.7	64.5	63.9	53.8
46	Sales of imported new autos ³	81.1	59.3	61.2	65.7	74.3	77.8	69.8

Legend / Footnotes:

1. Consists of used light trucks only.

2. Consists of final sales and change in private inventories of new autos assembled in the United States.

3. Consists of sales of imported new autos in personal consumption expenditures, in private fixed investment, and in gross government investment.

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 7.5. Consumption of Fixed Capital by Legal Form of Organization and Type of Income

[Billions of dollars] Seasonally adjusted at annual rates

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2019	2020	2020		2021		
				Q3	Q4	Q1	Q2	Q3
1	Consumption of fixed capital	3,435.6	3,575.9	3,591.0	3,639.4	3,696.0	3,787.9	3,893.4
2	Private	2,848.6	2,969.6	2,981.5	3,023.3	3,071.2	3,150.1	3,241.9
3	Domestic business	2,248.3	2,338.6	2,345.3	2,372.9	2,401.1	2,455.6	2,524.0
4	Corporate business	1,880.2	1,957.0	1,962.2	1,984.3	2,005.3	2,048.5	2,104.1
5	Financial	235.3	249.4	250.6	254.7	256.9	264.8	274.8
6	Nonfinancial	1,644.8	1,707.6	1,711.6	1,729.6	1,748.4	1,783.7	1,829.4
7	Noncorporate business	368.1	381.6	383.0	388.5	395.8	407.1	419.8
8	Sole proprietorships and partnerships	305.9	316.6	317.6	321.7	327.0	335.8	346.1
9	Farm	34.0	34.4	34.4	34.6	35.0	35.7	36.7
10	Nonfarm	271.9	282.2	283.2	287.0	291.9	300.2	309.4
11	Other private business	62.2	65.0	65.5	66.9	68.8	71.3	73.7
12	Rental income of persons	53.8	56.1	56.5	57.9	59.7	61.9	64.1
13	Nonfarm tenant-occupied housing	48.9	51.0	---	---	---	---	---
14	Farm tenant-occupied housing	0.4	0.4	---	---	---	---	---
15	Farms owned by nonoperator landlords	0.3	0.3	---	---	---	---	---
16	Nonfarm nonresidential properties	4.2	4.4	---	---	---	---	---
17	Proprietors' income	8.4	8.9	8.9	9.0	9.1	9.3	9.6
18	Households and institutions	600.3	631.0	636.2	650.4	670.1	694.4	718.0
19	Owner-occupied housing	429.7	451.8	455.9	467.8	485.4	505.8	525.1
20	Nonprofit institutions serving households	170.7	179.2	180.3	182.7	184.7	188.6	192.9
21	Government	586.9	606.4	609.6	616.1	624.7	637.8	651.4
22	General government	506.7	523.5	526.4	532.1	539.8	550.5	561.8
23	Federal	284.0	293.9	295.4	299.5	302.9	307.2	312.3
24	State and local	222.7	229.6	231.0	232.7	236.8	243.3	249.5
25	Government enterprises	80.3	82.8	83.2	84.0	85.0	87.3	89.6
26	Federal	9.3	9.6	9.6	9.7	9.8	9.9	10.1
27	State and local	70.9	73.2	73.5	74.2	75.2	77.4	79.6
	Addendum:							
28	Nonfarm business	2,278.6	2,370.7	2,377.8	2,405.9	2,434.5	2,490.4	2,559.5

Table 8.1.3. Real Gross Domestic Product, Quantity Indexes, Not Seasonally Adjusted

[Index numbers, 2012=100]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	114.689	118.290	113.974	119.164	120.030
2	Personal consumption expenditures	115.550	120.997	116.829	123.529	123.883
3	Goods	139.990	152.901	139.660	153.209	149.630
4	Durable goods	175.691	193.860	178.567	199.926	184.923
5	Nondurable goods	124.894	135.629	123.286	133.621	134.742
6	Services	105.478	108.029	107.362	111.366	113.265
7	Gross private domestic investment	136.009	134.747	127.019	132.697	142.693
8	Fixed investment	132.959	138.782	130.509	143.735	143.705
9	Nonresidential	125.441	133.180	126.996	136.069	136.654
10	Structures	100.758	97.586	90.707	96.562	96.894
11	Equipment	118.726	129.992	123.066	134.533	132.875
12	Intellectual property products	155.213	167.240	162.708	171.200	175.075
13	Residential	163.900	162.865	146.871	175.019	172.904
14	Change in private inventories	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---
16	Exports	96.646	106.076	100.337	103.703	102.184
17	Goods	103.910	113.696	109.849	112.954	109.779
18	Services	83.847	92.618	83.584	87.445	88.997
19	Imports	116.908	126.010	119.659	127.951	132.233
20	Goods	125.482	134.371	127.455	135.906	138.881
21	Services	83.245	92.945	88.789	96.373	105.563
22	Government consumption expenditures and gross investment	107.285	108.760	106.140	109.095	108.417
23	Federal	104.839	106.624	105.627	106.864	105.449
24	National defense	100.007	99.161	97.365	97.719	98.988
25	Nondefense	113.095	119.210	119.528	122.227	116.379
26	State and local	109.024	110.292	106.592	110.683	110.490

Table 8.1.4. Price Indexes for Gross Domestic Product, Not Seasonally Adjusted

[Index numbers, 2012= 100]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	113.936	114.447	115.920	117.939	119.326
2	Personal consumption expenditures	111.618	111.711	112.965	114.994	116.475
3	Goods	94.577	94.103	95.733	98.638	100.236
4	Durable goods	86.599	86.029	87.003	91.232	93.265
5	Nondurable goods	98.775	98.370	100.413	102.389	103.681
6	Services	120.663	121.140	122.117	123.533	124.906
7	Gross private domestic investment	110.395	110.388	112.155	112.817	114.206
8	Fixed investment	111.287	111.218	113.092	114.379	115.914
9	Nonresidential	104.844	104.204	105.523	105.812	106.443
10	Structures	120.914	121.058	122.209	124.930	128.023
11	Equipment	97.188	96.830	97.393	96.477	97.497
12	Intellectual property products	104.860	103.560	105.793	106.471	105.631
13	Residential	139.608	141.779	145.972	151.302	156.375
14	Change in private inventories	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---
16	Exports	96.138	97.616	102.500	107.165	109.643
17	Goods	88.028	89.544	95.164	100.666	103.382
18	Services	114.686	116.020	118.615	120.625	122.327
19	Imports	88.136	88.592	91.216	94.289	95.732
20	Goods	84.046	84.359	87.141	90.280	91.680
21	Services	109.682	111.132	112.461	114.854	116.492
22	Government consumption expenditures and gross investment	114.403	116.360	117.254	119.929	120.303
23	Federal	112.131	112.741	114.259	115.382	116.528
24	National defense	110.050	110.730	112.425	113.486	114.541
25	Nondefense	115.379	115.889	117.159	118.371	119.652
26	State and local	115.877	118.736	119.205	122.934	122.791

Table 8.1.5. Gross Domestic Product, Not Seasonally Adjusted

[Billions of dollars at quarterly rates]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	5,302.3	5,490.1	5,367.8	5,711.8	5,818.9
2	Personal consumption expenditures	3,561.5	3,732.5	3,644.3	3,922.5	3,984.4
3	Goods	1,204.0	1,308.4	1,215.8	1,374.2	1,363.9
4	Durable goods	434.9	476.6	444.0	521.3	492.9
5	Nondurable goods	769.1	831.8	771.8	853.0	871.0
6	Services	2,357.5	2,424.0	2,428.5	2,548.3	2,620.5
7	Gross private domestic investment	977.1	964.6	933.6	983.1	1,067.6
8	Fixed investment	943.4	984.1	941.1	1,048.2	1,062.1
9	Nonresidential	696.7	735.1	709.9	762.7	770.5
10	Structures	146.0	141.6	132.9	144.6	148.7
11	Equipment	283.8	309.5	294.8	319.2	318.6
12	Intellectual property products	266.9	284.0	282.2	298.9	303.2
13	Residential	246.8	249.0	231.2	285.5	291.5
14	Change in private inventories	33.7	-19.5	-7.5	-65.1	5.5
15	Net exports of goods and services	-198.5	-199.1	-185.8	-219.5	-255.6
16	Exports	514.2	573.0	569.1	614.9	619.9
17	Goods	348.9	388.2	398.6	433.6	432.8
18	Services	165.3	184.8	170.5	181.4	187.2
19	Imports	712.7	772.1	754.9	834.4	875.5
20	Goods	604.1	649.3	636.1	702.8	729.3
21	Services	108.6	122.8	118.8	131.6	146.3
22	Government consumption expenditures and gross investment	962.3	992.2	975.7	1,025.7	1,022.5
23	Federal	378.2	386.7	388.3	396.7	395.3
24	National defense	224.0	223.5	222.8	225.7	230.8
25	Nondefense	154.2	163.3	165.5	171.0	164.6
26	State and local	584.0	605.4	587.4	629.0	627.2

Table 8.1.6. Real Gross Domestic Product, Chained Dollars, Not Seasonally Adjusted

[Billions of chained (2012) dollars at quarterly rates]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	4,660.4	4,806.7	4,631.3	4,842.2	4,877.4
2	Personal consumption expenditures	3,191.3	3,341.8	3,226.6	3,411.7	3,421.5
3	Goods	1,273.1	1,390.5	1,270.1	1,393.3	1,360.8
4	Durable goods	502.6	554.5	510.8	571.9	529.0
5	Nondurable goods	778.6	845.5	768.5	833.0	840.0
6	Services	1,953.9	2,001.1	1,988.8	2,063.0	2,098.1
7	Gross private domestic investment	891.5	883.2	832.5	869.8	935.3
8	Fixed investment	847.8	884.9	832.2	916.5	916.3
9	Nonresidential	664.4	705.4	672.6	720.7	723.8
10	Structures	120.8	117.0	108.7	115.7	116.1
11	Equipment	291.9	319.6	302.6	330.8	326.7
12	Intellectual property products	254.4	274.1	266.7	280.6	287.0
13	Residential	177.0	175.9	158.6	189.0	186.7
14	Change in private inventories	39.4	-15.3	-8.6	-68.4	-1.1
15	Net exports of goods and services	-273.6	-284.3	-272.1	-310.9	-349.0
16	Exports	535.8	588.1	556.3	575.0	566.5
17	Goods	397.3	434.8	420.1	431.9	419.8
18	Services	144.2	159.3	143.8	150.4	153.1
19	Imports	809.4	872.4	828.4	885.8	915.5
20	Goods	719.4	770.4	730.7	779.2	796.2
21	Services	99.1	110.6	105.7	114.7	125.6
22	Government consumption expenditures and gross investment	841.2	852.8	832.3	855.4	850.1
23	Federal	337.3	343.1	339.9	343.8	339.3
24	National defense	203.6	201.8	198.2	198.9	201.5
25	Nondefense	133.7	140.9	141.3	144.5	137.6
26	State and local	504.1	510.0	492.8	511.8	510.9
27	Residual	-22.6	-31.6	-24.6	-17.0	-6.0

Legend / Footnotes:

Note. Chained (2012) dollar series are calculated as the product of the chain-type quantity index and the 2012 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The residual line is the difference between the first line and the sum of the most detailed lines.

Table 8.1.11. Real Gross Domestic Product: Percent Change From Quarter One Year Ago, Not Seasonally Adjusted

[Percent]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic product	-2.8	-1.9	0.3	12.6	4.7
2	Personal consumption expenditures	-3.0	-2.1	2.0	16.3	7.2
3	Goods	8.0	7.3	13.3	20.4	6.9
4	Durable goods	14.1	13.0	29.2	32.5	5.3
5	Nondurable goods	4.8	4.3	5.8	14.1	7.9
6	Services	-7.8	-6.6	-2.9	14.3	7.4
7	Gross private domestic investment	-3.3	2.9	0.6	21.9	4.9
8	Fixed investment	-3.6	1.0	3.7	15.4	8.1
9	Nonresidential	-7.2	-3.1	1.1	13.4	8.9
10	Structures	-19.7	-19.7	-18.7	-5.7	-3.8
11	Equipment	-7.3	0.6	8.5	25.5	11.9
12	Intellectual property products	1.7	3.4	5.5	12.3	12.8
13	Residential	8.2	15.8	13.5	21.6	5.5
14	Change in private inventories	---	---	---	---	---
15	Net exports of goods and services	---	---	---	---	---
16	Exports	-15.9	-10.0	-7.3	18.9	5.7
17	Goods	-10.2	-4.2	-3.6	27.4	5.6
18	Services	-26.1	-20.3	-14.7	3.7	6.1
19	Imports	-9.1	0.9	4.8	30.6	13.1
20	Goods	-3.9	5.5	8.9	32.2	10.7
21	Services	-30.6	-18.0	-12.6	23.1	26.8
22	Government consumption expenditures and gross investment	1.3	1.8	2.1	0.5	1.1
23	Federal	3.3	4.4	6.7	0.6	0.6
24	National defense	2.4	2.4	1.0	-0.2	-1.0
25	Nondefense	4.5	7.3	15.3	1.8	2.9
26	State and local	0.1	0.2	-0.7	0.5	1.3

Table 8.2. Gross Domestic Income by Type of Income, Not Seasonally Adjusted

[Billions of dollars at quarterly rates]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Gross domestic income	5,133.4	5,631.1	5,692.0	5,673.0	---
2	Compensation of employees, paid	2,744.5	3,140.2	3,123.7	2,986.9	3,039.5
3	Wages and salaries	2,221.0	2,585.8	2,563.7	2,434.8	2,480.7
4	To persons	2,217.2	2,581.8	2,560.6	2,431.1	---
5	To the rest of the world	3.8	3.9	3.1	3.6	---
6	Supplements to wages and salaries	523.5	554.4	559.9	552.1	558.8
7	Taxes on production and imports	387.4	390.7	394.1	408.2	416.9
8	Less: Subsidies	305.3	154.8	101.6	176.4	138.8
9	Net operating surplus	1,409.0	1,345.2	1,351.8	1,507.3	---
10	Private enterprises	1,413.4	1,349.9	1,356.5	1,511.1	---
11	Net interest and miscellaneous payments, domestic industries	211.9	217.4	230.4	230.0	---
12	Business current transfer payments (net)	41.4	41.6	41.5	41.5	40.6
13	Proprietors' income with inventory valuation and capital consumption adjustments	440.3	446.4	416.9	463.8	465.7
14	Rental income of persons with capital consumption adjustment	178.6	177.5	179.2	179.1	182.3
15	Corporate profits with inventory valuation and capital consumption adjustments, domestic industries	541.2	467.0	488.5	596.8	---
16	Taxes on corporate income	76.4	80.1	94.0	98.6	---
17	Profits after tax with inventory valuation and capital consumption adjustments	464.8	386.9	394.4	498.2	---
18	Net dividends	282.4	267.0	271.2	301.5	---
19	Undistributed corporate profits with inventory valuation and capital consumption adjustments	182.4	119.9	123.3	196.7	---
20	Current surplus of government enterprises	-4.5	-4.6	-4.7	-3.8	-2.7
21	Consumption of fixed capital	897.8	909.9	924.0	947.0	973.3
22	Private	745.4	755.8	767.8	787.5	810.5
23	Government	152.4	154.0	156.2	159.5	162.9
	Addendum:					
24	Statistical discrepancy	169.0	-141.0	-324.3	38.8	---

Table 8.3. Federal Government Current Receipts and Expenditures, Not Seasonally Adjusted

[Billions of dollars at quarterly rates]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Current receipts	872.3	981.6	1,017.7	1,049.7	---
2	Current tax receipts	492.4	563.1	586.7	591.9	---
3	Personal current taxes	392.1	458.2	480.1	468.3	482.2
4	Taxes on production and imports	39.3	40.6	40.7	43.6	45.4
5	Taxes on corporate income	54.3	57.2	58.6	72.7	---
6	Taxes from the rest of the world	6.6	7.1	7.3	7.3	7.5
7	Contributions for government social insurance	331.1	373.9	386.3	402.7	367.1
8	Income receipts on assets ¹	33.3	28.4	29.5	41.1	43.3
9	Current transfer receipts ²	15.7	16.5	15.5	14.4	13.9
10	Current surplus of government enterprises ³	-0.1	-0.3	-0.3	-0.4	-0.4
11	Current expenditures	1,800.1	1,492.5	2,015.8	1,884.7	1,646.6
12	Consumption expenditures	291.6	298.1	302.7	307.3	304.0
13	Current transfer payments	1,073.0	911.8	1,486.5	1,277.1	1,076.1
14	Government social benefits	875.5	716.3	1,277.4	850.5	791.7
15	To persons	866.8	709.3	1,268.1	843.1	784.7
16	To the rest of the world ⁴	8.7	7.0	9.3	7.3	7.0
17	Other current transfer payments	197.4	195.5	209.1	426.7	284.4
18	Grants-in-aid to state and local governments	184.1	182.9	195.0	414.7	269.1
19	To the rest of the world ^{2,4}	13.3	12.6	14.1	12.0	15.3
20	Interest payments ¹	130.4	127.9	125.6	126.0	127.9
21	To persons and business ¹	101.0	98.3	95.1	95.2	---
22	To the rest of the world	29.4	29.6	30.5	30.8	---
23	Subsidies ³	305.1	154.6	100.9	174.2	138.6
24	Net federal government saving	-927.8	-510.8	-998.1	-835.0	---
	Addenda:					
25	Gross government investment	86.6	88.6	85.6	89.3	91.3
26	Consumption of fixed capital	76.3	77.3	78.2	79.3	80.6

Legend / Footnotes:

1. Beginning with 1947, includes receipts from the leasing of federally owned lands and mineral deposits. Beginning with 1960, includes interest receipts. Prior to 1960, interest receipts are included in interest payments (line 20), which are shown net of interest receipts. Interest payments to persons and business includes interest accrued on the actuarial liabilities of defined benefit pension plans for federal government employees.

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

3. Prior to 1959, subsidies (line 23) and the current surplus of government enterprises (line 10) are not shown separately; subsidies are presented net of the current surplus of government enterprises.

4. Prior to 1960, government social benefits to the rest of the world (line 16) are included in line 19, 'other current transfer payments to the rest of the world.'

Table 8.4. State and Local Government Current Receipts and Expenditures, Not Seasonally Adjusted

[Billions of dollars at quarterly rates]

Last Revised On: Oct 28 2021 8:30AM - Next Release Date: Oct 28 2021 8:30AM

Line		2020		2021		
		Q3	Q4	Q1	Q2	Q3
1	Current receipts	744.3	747.2	774.8	1,014.5	---
2	Current tax receipts	497.3	500.5	514.9	534.2	---
3	Personal current taxes	129.9	130.7	140.0	146.6	144.3
4	Taxes on production and imports	348.2	350.1	353.5	364.6	371.4
5	Taxes on corporate income	19.2	19.7	21.4	23.0	---
6	Contributions for government social insurance	5.0	5.1	5.3	5.5	5.6
7	Income receipts on assets	24.0	24.3	24.4	24.5	24.5
8	Current transfer receipts	222.4	221.6	234.6	453.7	308.3
9	Federal grants-in-aid	184.1	182.9	195.0	414.7	269.1
10	From business (net)	14.8	15.0	15.6	15.1	15.2
11	From persons	23.5	23.6	23.7	23.8	23.9
12	From the rest of the world	0.0	0.0	0.3	0.1	0.0
13	Current surplus of government enterprises	-4.4	-4.3	-4.4	-3.4	-2.3
14	Current expenditures	741.8	776.2	780.7	811.7	798.6
15	Consumption expenditures	457.8	495.3	494.1	514.6	500.8
16	Current transfer payments	210.6	207.8	212.6	221.6	224.6
17	Government social benefit payments to persons	210.6	207.8	212.6	221.6	224.6
18	Current transfer payments to the rest of the world	0.0	0.0	0.0	0.0	0.0
19	Interest payments ¹	73.2	73.0	73.4	73.3	72.9
20	To persons and business ¹	72.3	72.1	72.4	72.4	---
21	To the rest of the world	0.9	0.9	1.0	0.9	---
22	Subsidies	0.2	0.2	0.6	2.2	0.2
23	Net state and local government saving	2.6	-29.0	-5.9	202.8	---
	Addenda:					
24	Gross government investment	126.2	110.1	93.3	114.4	126.4
25	Consumption of fixed capital	76.1	76.7	78.0	80.2	82.3

Legend / Footnotes:

1. Interest payments includes interest accrued on the actuarial liabilities of defined benefit pension plans for state and local government employees.



Updated Summary of NIPA Methodologies

The U.S. Bureau of Economic Analysis (BEA) recently improved its estimates of current-dollar gross domestic product (GDP), current-dollar gross domestic income (GDI), and real GDP as part of the 2021 annual update of the National Income and Product Accounts (NIPAs).¹ The sources of data and the methodologies that are now used to prepare the NIPA estimates are summarized in this report.²

Current-dollar estimates of GDP and GDI

The major components and subcomponents of GDP and GDI are listed in [table 1](#). In column 1 of the table, the name of the component is shown along with the current-dollar estimate of that component for 2020. In column 2, information about the sources of data and the methods used to prepare the estimates for the comprehensive benchmark updates and for the annual updates in nonbenchmark years is presented. Major differences between the data and methods used in the benchmark updates and those used in the annual updates are also noted. For example, for “Furnishings and durable household equipment” in personal consumption expenditures (PCE) (the second item in table 1), the table indicates that one methodology (commodity flow) is used to prepare the estimates for benchmark years, and another methodology (retail control) is used to prepare the estimates for all the other years.

In column 3, information about the current quarterly estimates is presented. For most components, information about the advance quarterly estimates, which are prepared about a month after the end of the quarter, is provided because more attention tends to be focused on this “first look” at GDP for a quarter. Major source data that become available for the “second” or “third” quarterly estimates for some NIPA components are also noted. Only the source data and methods are listed; the number of months of available source data and information about whether the source data will be revised by the source agency are not included.³

Table 1. Source Data and Methods for Current-Dollar Gross Domestic Product and Current-Dollar Gross Domestic Income

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Gross domestic product of \$20,893.7 billion for 2020		
Personal consumption expenditures (\$14,047.6 billion)		
Goods (\$4,653.8 billion)		
Durable goods (\$1,616.4 billion)		
Motor vehicles and parts (\$541.3 billion)	<p>Benchmark years. For new motor vehicles, physical quantity purchased times average retail price; unit sales, information to allocate sales among consumers and other purchasers, and average transactions prices that reflect all discounts and customer rebates, all from trade sources. For net transactions, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. For dealers' margins, retail sales from Census Bureau quinquennial census and margin rates from Census Bureau ARTS. For motor vehicle parts and accessories, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. For new motor vehicles, same as the benchmark years. For net transactions, change in consumer stock of motor vehicles from trade sources. For dealers' margins, gross margins from Census Bureau ARTS and wholesale margins from Census Bureau annual survey of wholesale trade. For motor vehicle parts and accessories, retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. For new motor vehicles and for net transactions, same as the annual estimates for other years. For dealers' margins, retail sales of used vehicle dealers from Census Bureau MRTS. For motor vehicles parts and accessories, retail-control method, using retail sales from Census Bureau MRTS.</p>	<p>For new motor vehicles, same as the annual estimates for other years. For net transactions, extrapolated by retail sales of used vehicle dealers from Census Bureau MRTS. For dealers' margins, same as the annual estimates for the most recent year. For motor vehicle parts and accessories, same as the annual estimates for the most recent year.</p>
Furnishings and durable household equipment (\$390.4 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. Retail-control method, using Census Bureau MRTS.</p>	<p>Same as the annual estimates for the most recent year.</p>
Recreational goods and vehicles (\$476.2 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. For audio discs, tapes, vinyl, and permanent digital downloads, sales of physical media and permanent digital downloads from a trade source. For all others, retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. For audio discs, tapes, vinyl, and permanent digital downloads, sales of physical media and permanent digital downloads from a trade source. For all others, retail-control method, using Census Bureau MRTS.</p>	<p>For audio discs, tapes, vinyl, and permanent digital downloads, quantity purchased times consumer price; quantity purchased data from a trade source times the CPI for recorded music and music subscriptions. For all others, same as the annual estimates for the most recent year.</p>
Other durable goods (\$208.5 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. Retail-control method, using Census Bureau MRTS.</p>	<p>Same as the annual estimates for the most recent year.</p>
Nondurable goods (\$3,037.4 billion)		
Food and beverages purchased for off-premises consumption (\$1,146.7 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. For food produced and consumed on farms, USDA data.</p> <p>Other years except the most recent year. Retail-control method, using retail sales from Census Bureau ARTS. For food produced and consumed on farms, same as for benchmark years.</p> <p>Most recent year. Retail-control method, using Census Bureau MRTS. For food produced and consumed on farms, same as for benchmark years.</p>	<p>For food produced and consumed on farms, judgmental trend. For all others, same as the annual estimates for the most recent year.</p>

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Clothing and footwear (\$362.4 billion)	<p>Benchmark years. For standard clothing issued to military personnel, data from OMB's Budget of the U.S. Government. For all others, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. For standard clothing issued to military personnel, same as for benchmark years. For all others, retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. For standard clothing issued to military personnel, same as for benchmark years. For all others, retail-control method, using Census Bureau MRTS.</p>	For standard clothing issued to military personnel, judgmental trend. For all others, same as the annual estimates for the most recent year.
Gasoline and other energy goods (\$246.8 billion)	<p>Benchmark years. For gasoline and other motor fuels, merchandise line data on receipts of automotive fuels from Census Bureau quinquennial census. For all others, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. For nondiesel gasoline, quantity shipments from EIA times average retail price from BLS. For diesel gasoline, data from BLS consumer expenditure survey. For lubricants and fluids, Census Bureau Annual Survey of Manufactures. For fuel oil and other fuels, retail-control method, using Census Bureau ARTS.</p> <p>Most recent year. For nondiesel gasoline, same as other years. For diesel gasoline, quantity shipments from EIA times average retail price from BLS. For lubricants and fluids, quantity shipments from EIA times CPI for motor oil, coolants, and fluids. For fuel oil and other fuels, retail-control method, using Census Bureau MRTS.</p>	Same as the annual estimates for the most recent year.
Other nondurable goods (\$1,281.5 billion)	<p>Benchmark years. For prescription drugs, Census Bureau quinquennial product-line data on retail sales for prescription drugs. For expenditures abroad by U.S. residents (net), BEA international transactions accounts. For all others, commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. For prescription drugs, value of sales to consumers from a trade source. For tobacco, sales to consumers from a trade source. For expenditures abroad by U.S. residents (net), same as for benchmark years. For all others, retail-control method, using retail sales from Census Bureau ARTS.</p> <p>Most recent year. For prescription drugs, for tobacco, and for expenditures abroad by U.S. residents (net), same as other years. For all others, retail-control method, using Census Bureau MRTS.</p>	For expenditures abroad by U.S. residents (net), same as for benchmark years. For all others, same as the annual estimates for the most recent year.
Services (\$9,393.7 billion)		
Household consumption expenditures (for services) (\$8,872.9 billion)		
Housing and utilities (\$2,668.1 billion)	<p>Benchmark years. For rental value of nonfarm and farm dwellings, annual rental value data from Census Bureau American Community Survey. For electricity and natural gas, annual EIA data on kilowatt-hour and cubic-foot quantities used and BLS CPIs for electricity and natural gas. For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis.</p> <p>Other years except the most recent year. For rental value of nonfarm and farm dwellings and for electricity and gas, same as for benchmark years. For garbage and trash collection, receipts from Census Bureau SAS. For group housing, wages from BLS QCEW. For water supply and sewage maintenance, Census Bureau annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis.</p> <p>Most recent year. For garbage and trash collection, published trend. For water supply and sewerage maintenance judgmental trend. For all others, same as for other years.</p>	For housing, unit stock adjusted using Census Bureau data on housing completions and judgmental trend. For average rent, BLS CPI for rent. For garbage and trash collection, advance estimate, judgmental trend; second and third estimates, receipts from Census Bureau QSS. For electricity and gas, EIA data on kilowatt-hour and cubic-foot quantities used and BLS CPIs for electricity and natural gas. For all others, judgmental trend.
Health care (\$2,308.4 billion)	<p>Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census and census of governments. Other years except most recent year. Receipts from Census Bureau SAS, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis and judgmental trend.</p> <p>Most recent year. Receipts from Census Bureau QSS, and judgmental trend.</p>	For government hospitals, judgmental trend. For dental services, advance and second estimates, judgmental trend and trade source data; third estimate, receipts from Census Bureau QSS. For all others, advance estimate, wages and salaries derived from BLS CES, judgmental trend, and trade source data; second and third estimates, receipts from Census Bureau QSS.
Transportation services (\$363.4 billion)	<p>Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census, BLS consumer expenditure survey, and trade sources. Other years except most recent year. For taxicab and ride sharing services, data from BLS consumer expenditure survey. For all others, receipts from Census Bureau SAS, ARTS, and trade sources.</p> <p>Most recent year. Receipts from Census Bureau QSS and MRTS, domestic passenger airline revenue from BTS and trade sources.</p>	For motor vehicle maintenance and repair, as well as for motor vehicle rentals and for water transportation, advance and second estimates, judgmental trend and high-frequency payment card transactions data; third estimate, receipts from Census Bureau QSS. For taxi cabs, parking fees and tolls and other road transportation, advance and second estimates, state traveler data; third estimate, receipts from Census Bureau QSS. For intercity buses, advance estimate, judgmental trend; second estimate, trade source data; third estimate, receipts from Census Bureau QSS. For intracity mass transit, advance estimate, trade source data; second and third estimates, receipts from Census Bureau QSS. For air transportation, advance estimate, judgmental trend; second estimate, company financial reports; and third estimate, domestic passenger airline revenue from BTS. For all others, trade sources and judgmental trend.

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Recreation services (\$416.5 billion)	<p>Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, and trade sources. Other years except most recent year. Receipts from Census Bureau SAS, ARTS, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, trade source data, and judgmental trend.</p> <p>Most recent year. Receipts from Census Bureau QSS and judgmental trend.</p>	<p>For membership clubs, sports centers, parks, theaters and museums (except motion picture theaters), for repair of audio-visual equipment, for pari-mutuel net receipts, and for package tours, advance and second estimates, wages and salaries derived from BLS CES, high-frequency payment card transactions data, and judgmental trend; third estimate, receipts from Census Bureau QSS. For cable television, advance estimate, judgmental trend and trade source data; second and third estimates, receipts from Census Bureau QSS. For motion picture theaters and for video streaming and rental, trade source data. For casino gambling, advance and second estimates, various state gaming control commissions; third estimate, receipts from Census Bureau QSS and various state gaming control commissions. For all others, BLS CES, high-frequency payment card transactions data, and judgmental trend.</p>
Food services and accommodations (\$801.5 billion)	<p>Benchmark years. Commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, BLS CES, enrollment data from National Center for Education Statistics (NCES), trade source data, and federal government agency data. Other years except most recent year. Receipts from Census Bureau SAS, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, BLS CES, enrollment data from NCES, trade sources, and judgmental trend.</p> <p>Most recent year. Receipts from Census Bureau MRTS, BLS CES, trade sources, and judgmental trend.</p>	<p>For food services, Census Bureau MRTS. For all others, trade source data and judgmental trend.</p>
Financial services and insurance (\$1,196.3 billion)	<p>Benchmark years. For insurance services, trade sources. For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census, data from federal and state government administrative agencies, and trade sources. Other years except most recent year. For insurance services, same as benchmark years and judgmental trend. For all others, Census Bureau SAS, federal and state government administrative data, and trade sources.</p> <p>Most recent year. For insurance services, judgmental trend. For all others, Census Bureau QSS, federal and state government administrative data, BLS QCEW, and trade sources.</p>	<p>For financial service charges and fees and for trust, fiduciary, and custody activities, advance and second estimates, judgmental trend; third estimate, Federal Deposit Insurance Corporation Call Report data and trade sources. For financial services furnished without payment, advance and second estimates, judgmental trend; third estimate, FRB tabulations of Call Report data. For all others, BLS CES, trade sources, and judgmental trend.</p>
Other services (\$1,118.5 billion)	<p>Benchmark years. For net foreign travel, estimated as part of the ITAs, see the entry "Exports and imports of services" under "Net exports of goods and services." For all others, commodity-flow method, starting with receipts from Census Bureau quinquennial census, census of governments, receipts from NCES, and trade sources. Other years except most recent year. For net foreign travel, same as benchmark years. For all others, receipts from Census Bureau SAS, trade sources, annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, receipts from NCES, wage data from BLS QCEW, trade sources, and judgmental trend.</p> <p>Most recent year. For net foreign travel, same as other years. For all others, receipts from Census Bureau QSS, wage data from QCEW, trade sources, and judgmental trend.</p>	<p>For telephone services, for other delivery services, for legal services, for personal care and clothing services, for internet service providers, for child care, for day care and nursery schools, and for household maintenance, advance estimate, BLS CES, high-frequency payment card transactions data, and judgmental trend; second and third estimates, receipts from Census Bureau QSS. For funeral services, advance and second estimates, CDC death data, and judgmental trend; for third estimates, receipts from Census Bureau QSS. For commercial and vocational schools, for nonprofit professional associations services, for individual and family services, for vocational rehabilitation services, for community food and housing/emergency/other relief services, and for social advocacy and civic and social organizations, advance and second estimates, wages and salaries derived from BLS CES and judgmental trend; third estimate, receipts from Census Bureau QSS. For net foreign travel, same as benchmark years. For all others, wages and salaries derived from BLS CES, trade sources, and judgmental trend.</p>
Final consumption expenditures of nonprofit institutions serving households (\$520.9 billion)	<p>Benchmark years. For gross output of nonprofit institutions, operating expenses from Census Bureau quinquennial census for tax-exempt and religious organizations, expenses and receipts from the NCES, and trade source. Other years except most recent year. For gross output of nonprofit institutions, operating expenses from Census Bureau SAS, wages and salaries, CES and QCEW from BLS, expenses and receipts from the NCES, and trade sources.</p> <p>Most recent year. Operating expenses from Census Bureau QSS, wages and salaries, CES and QCEW from BLS, and trade source data.</p>	<p>For gross output of health services, for recreation services, for nonprofit commercial and vocational schools, for nonprofit day care and nursery schools, for nonprofit child care providers, for nonprofit individual and family services, for nonprofit vocational rehabilitation services, for nonprofit community food and housing services, for foundations and grant making, for social advocacy organizations, for civic and social organizations, for professional associations, and for "all other similar organizations," advance and second estimates, wages and salaries derived from BLS CES and judgmental trend; third estimate, operating expenses from Census Bureau QSS. For all others, BLS CES and judgmental trend.</p>
Fixed investment (\$3,697.4 billion)		
Nonresidential structures (\$597.2 billion)		
Commercial and health care (\$204.7 billion)	<p>Benchmark years. BEA's benchmark input-output accounts. Other years. Census Bureau VPIP.</p>	<p>Same as the annual estimates for other years.</p>
Manufacturing (\$69.4 billion)	<p>Census Bureau VPIP.</p>	<p>Same as the annual estimates.</p>
Power and communication (\$130.3 billion)	<p>Census Bureau VPIP.</p>	<p>Same as the annual estimates.</p>
Mining exploration, shafts, and wells (\$75.6 billion)	<p>Benchmark years. Expenditures from Census Bureau quinquennial census.</p> <p>Other years except the most recent year. For petroleum and natural gas, physical quantity times average price, footage drilled completions from a trade source, composite index of BLS PPIs for oil and gas wells and for oil and gas field services, and base-year cost per footage drilled from Census Bureau annual capital expenditures survey, and footage drilled from a trade source. For other mining, expenditures from Census Bureau annual capital expenditures survey.</p> <p>Most recent year. For petroleum and natural gas, physical quantity times average price, footage drilled from a trade source, composite index of BLS PPIs, base-year cost per footage drilled from a trade source, footage drilled completions from a trade source, and judgmental trend. For mining, BEA data on private investment in mining equipment.</p>	<p>For petroleum and natural gas, average physical quantity times average price, weighted average of footage drilled completions and of rotary rig counts from trade sources, and weighted average of BLS PPIs for oil and gas wells and for oil and gas field services. For mining, same as the annual estimates for the most recent year.</p>
Other structures (\$117.2 billion)	<p>Benchmark years. BEA's benchmark input-output accounts. Other years. Census Bureau VPIP.</p>	<p>Same as the annual estimates for other years.</p>
Nonresidential equipment (\$1,123.9 billion)		

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Equipment except new autos, new light trucks, and net purchases of used autos and used light trucks (\$1,011.6 billion)	<p>Benchmark years. Commodity-flow method, starting with manufacturers' shipments from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data.</p> <p>Other years except the most recent year. Abbreviated commodity-flow method, starting with manufacturers' shipments from Census Bureau Annual Survey of Manufactures, adjusted for exports and imports.</p> <p>Most recent year. For computers, manufacturers' shipments from Census Bureau Monthly Survey of Manufactures and FRB industrial production index, adjusted for exports and imports. For heavy trucks, physical quantity purchased times average price: unit sales and information to allocate sales among business and other purchasers, from trade sources; for truck trailers, shipments from trade source. For all others, abbreviated commodity-flow method, starting with manufacturers' shipments from Census Bureau Monthly Survey of Manufactures, adjusted for exports and imports.</p>	Same as the annual estimates for the most recent year but with less detail.
New autos, new light trucks, and net purchases of used autos and used light trucks (\$112.3 billion)	See the entry "Motor vehicles and parts" under "Personal consumption expenditures."	See the entry under "Personal consumption expenditures."
Nonresidential intellectual property products (\$1,078.5 billion)		
Software (\$453.4 billion)	<p>Benchmark years. For purchased software, commodity-flow method, starting with industry receipts from Census Bureau quinquennial census, including an adjustment for exports and imports from Census Bureau foreign trade data. For own-account software, production costs based on BLS occupational employment data and on Census Bureau quinquennial census.</p> <p>Other years. For purchased software, commodity-flow method, starting with industry receipts from Census Bureau SAS, including an adjustment for exports and imports from Census Bureau foreign trade data. For own-account software, production costs based on BLS occupational employment data.</p> <p>Most recent year. For purchased software, commodity-flow method, starting with industry receipts from Census Bureau QSS, including an adjustment for exports and imports from Census Bureau foreign trade data. For own-account software, production costs based on BLS occupational employment data.</p>	For purchased software, advance estimate, judgmental trend; second and third estimates, receipts from Census Bureau QSS. For own-account software, BLS CES for select industries.
Research and development (\$537.7 billion)	<p>Benchmark years. NSF data and BEA's benchmark input-output accounts. Other years. NSF data adjusted for imports and exports, and capital consumption adjustment.</p>	For business R&D, advance estimate, judgmental trend; second and third estimates, R&D expenses from publicly traded corporations' financial statements and receipts from Census Bureau QSS. For academic R&D, BLS CES for education industry.
Entertainment, literary, and artistic originals (\$87.4 billion)	<p>Benchmark years. BEA's benchmark input-output accounts. Other years. Revenues from Census Bureau SAS, adjusted for nonartwork costs.</p> <p>Most recent year. Revenues from Census Bureau QSS, adjusted for nonartwork costs.</p>	For advance estimate, judgmental trend; for second estimate, revenues from Census Bureau QSS and judgmental trend; for third estimate, revenues from Census Bureau QSS.
Residential investment (\$897.8 billion)²		
Permanent-site new single-family structures (\$309.4 billion)	Based on phased housing starts and average cost from Census Bureau VPIP.	Same as the annual estimates.
Permanent-site new multi-family structures (\$72.5 billion)	Census Bureau VPIP.	Same as the annual estimates.
Manufactured homes (\$12.6 billion)	<p>Benchmark years. See the entry "Equipment except new autos, new light trucks, and net purchases of used autos and used light trucks" under "Nonresidential equipment." Other years. Physical quantity shipped times price: shipments from trade source and average retail price from Census Bureau manufactured housing survey.</p>	Same as the annual estimates for other years.
Improvements (\$290.9 billion)	Census Bureau VPIP, retail sales of building materials and garden supply stores from Census Bureau ARTS, and earnings data from BLS QCEW.	Retail sales of building materials and garden supply stores from Census Bureau MRTS and earnings data from BLS CES.
Brokers' commissions and other ownership transfer costs (\$193.4 billion)	<p>Benchmark years. BEA's benchmark input-output accounts. Other years. For brokers' commissions on sale of structures and of land, physical quantity of houses sold times mean sales price. Number of new single-family houses sold and average sales price from Census Bureau VPIP and number of existing houses sold and average sales price from a trade source. For stamp taxes, state and local government annual document stamp taxes from Census Bureau annual surveys of state and local governments. For title insurance, operating revenue and loss-adjusted expense data from a trade source. For all other closing costs, number of new and existing single-family houses sold and their associated average sales price from Census Bureau VPIP and a trade source weighted by a BEA estimate of average commission rates.</p>	Physical quantity of houses sold times mean sales price times BEA estimate of average commission rates for sale of new and existing houses; number of single-family houses sold and mean sales price from Census Bureau VPIP and a trade source.
Equipment (\$14.3 billion)	See the entry "Furnishings and durable household equipment" under "Personal consumption expenditures."	Same as the annual estimates.
Change in private inventories (-\$59.6 billion)		
Farm (-\$6.0 billion)	USDA change in inventories adjusted to exclude CCC forfeitures and to include net CCC loans at market value.	For crops, BEA quarterly allocation of USDA annual projections of crop output and cash receipts. For livestock, various USDA livestock and price reports.

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
<p>Manufacturing and trade (-\$43.7 billion)</p>	<p>Benchmark years. Inventories from Census Bureau quinquennial census and annual surveys revalued to current replacement cost. Information on the proportions of inventories reported using different accounting methods, on the commodity composition of goods held in inventory, and on the turnover period, all from Census Bureau quinquennial census and annual surveys, combined with prices, largely based on BLS producer price indexes. (The difference between Census Bureau change in inventories and BEA change in private inventories is the inventory valuation adjustment.) Other years except the most recent year. For auto retail dealers, an average of quantities times average prices from trade sources and of retail inventories from Census Bureau annual surveys minus half of manufacturing and merchant wholesale inventories from Census annual surveys; for all others, inventories from Census Bureau annual surveys, revalued as described above. Most recent year. Inventories from Census Bureau monthly surveys and trade sources, revalued as described above.</p>	<p>Same as the annual estimates for the most recent year.</p>
<p>Mining, utilities, construction, and other nonfarm industries (-\$9.9 billion)</p>	<p>Benchmark years. Mining and construction inventories from Census Bureau quinquennial census, publishing inventories from the Census Bureau SAS, revalued to current replacement cost as described above for "Manufacturing and trade." Other years except the most recent year. For publishing inventories, same as the annual estimates for benchmark years. For all others, IRS tabulations of business tax returns, revalued as described above. Most recent year. For mining and publishing inventories, Census Bureau Quarterly Financial Report, revalued as described above. For electric utilities, monthly physical quantities from EIA combined with BLS PPIs. For all others, judgmental trend.</p>	<p>For mining and publishing inventories, advance estimates, judgmental trend; second and third estimates, same as the annual estimates for most recent year. For electric utilities, same as the annual estimate for the most recent year. For all others, judgmental trend.</p>
<p>Net exports of goods and services (-\$651.2 billion)</p>		
<p>Exports and imports of goods, net (-\$892.6 billion)</p>	<p>Estimated as part of BEA's International Transactions Accounts: export and import documents compiled monthly by the Census Bureau with adjustments by BEA for coverage and valuation to convert the data to a balance-of-payments basis. Balance-of-payments transactions adjusted for coverage of U.S. territories and Puerto Rico using data from the Census Bureau, and for coverage of gold transactions using data from the U.S. Geological Survey and trade sources.</p>	<p>Same as the annual estimates.</p>
<p>Exports and imports of services, net (\$241.4 billion)</p>	<p>Estimated as part of BEA's International Transactions Accounts: for government transactions, reports by federal agencies on their purchases and sales abroad. For most others including travel, selected transport categories, and charges for the use of intellectual property not elsewhere classified, BEA quarterly or annual surveys. Transactions adjusted for the balance-of-payments coverage of U.S. territories and Puerto Rico using data from the Commonwealth of Puerto Rico and the U.S. Virgin Islands.</p>	<p>For territorial adjustment, judgmental trend. For all others, same as the annual estimates.</p>
<p>Government consumption expenditures and gross investment (\$3,859.5 billion)</p>		
<p>Federal government (\$1,501.8 billion)</p>		
<p>National defense except consumption of general government fixed capital (\$713.8 billion)</p>	<p>Within a control total established by fiscal year analysis: for compensation, military wages from OMB's Budget of the U.S. Government, civilian wages from BLS QCEW, civilian benefits from OPM, and employer contributions for federal employee retirement plans from military and civilian plan actuarial reports; for other than compensation by type, based mainly on data from DOD reports; for R&D, data from NSF and from OMB's Budget of the U.S. Government; for software, see the entry under "Nonresidential intellectual property products."</p>	<p>For components of compensation, military employment from DOD and civilian employment from BLS and projections from military and civilian pension plan actuarial reports. For other than compensation, same as the annual estimates.</p>
<p>National defense consumption of general government fixed capital (\$167.5 billion)</p>	<p>Perpetual-inventory method, based on gross investment estimates and on investment prices.</p>	<p>Same as the annual estimates.</p>
<p>Nondefense except consumption of general government fixed capital (\$494.0 billion)</p>	<p>Within a control total established by fiscal year analysis: for compensation, civilian wages from BLS QCEW, civilian benefits from OPM, and employer contributions for federal employee retirement plans from civilian actuarial reports; for CCC inventory change, book values of acquisitions and physical quantities of dispositions from agency reports times average market prices from USDA; for petroleum sales, distribution and price data from DOE; for R&D, data from NSF and from OMB's Budget of the U.S. Government; for construction, Census Bureau VPIP; for software, see the entry under "Nonresidential intellectual property products." For financial services furnished without payment, see the entry "Banks, credit agencies, and investment companies" under "Net interest and miscellaneous payments." For all others, outlays from the Monthly Treasury Statement.</p>	<p>For components of compensation, employment from BLS and projections from civilian pension plan actuarial reports. For all others, same as the annual estimates.</p>
<p>Nondefense consumption of general government fixed capital (\$126.4 billion)</p>	<p>Perpetual-inventory method, based on gross investment estimates and on investment prices.</p>	<p>Same as the annual estimates.</p>
<p>State and local government (\$2,357.8 billion)</p>		

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Consumption expenditures and gross investment except those items listed below (\$277.5 billion)	Total expenditures from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis for available periods, selectively replaced with source data that are more appropriate for the NIPAs and adjusted for coverage, for netting and grossing, for other timing differences, to exclude items not directly included in GDP (interest, subsidies, net expenditures of government enterprises, and transfer payments), and to exclude items described below, and judgmental trend. For financial services furnished without payment, see the entry "Financial services and insurance" under "Personal consumption expenditures."	Judgmental trend.
Compensation of general government employees (\$1,459.8 billion)	For wages and salaries, BLS QCEW. For employer contributions for government social insurance, tabulations from the Social Security Administration and other agencies administering social insurance programs. For employer contributions for employee pension plans, actuarial reports from state pension plans. For other insurance plans, data from trade sources, CMS, and Census Bureau quinquennial census of governments and annual survey of public employment and payroll, adjusted to a calendar year basis from a fiscal year basis, and judgmental trend.	For wages and salaries, BLS monthly employment times earnings from BLS employment cost indexes for education and non-education. For other compensation, judgmental trend.
Consumption of general government fixed capital (\$229.6 billion)	Perpetual-inventory method based on gross investment estimates and on investment prices.	Same as the annual estimates.
Structures (\$345.5 billion)	Census Bureau VPIP, benchmarked to quinquennial census of governments and annual surveys of state and local governments.	Census Bureau VPIP.
Intellectual property products (\$45.4 billion)	See the entries for "Software" and for "Research and development" under "Nonresidential intellectual property products."	See the entries for "Software" and for "Research and development" under "Nonresidential intellectual property products."
Gross domestic income of \$21,064.3 billion for 2020		
Compensation of employees, paid (\$11,580.1 billion)		
Wage and salaries (\$9,452.0 billion)		
Private industries (\$7,957.5 billion)	For most industries, BLS QCEW. For others, wages from a variety of sources (such as USDA for farms and the Railroad Retirement Board for railroad transportation), adjusted for understatement of income on tax returns and for coverage differences.	For most industries, wages and salaries derived from BLS CES. For others, judgmental trend.
Federal government (\$381.8 billion)	For civilians, wages from BLS QCEW adjusted for coverage differences; for military personnel, wages from OMB's Budget of the U.S. Government.	For civilians, employment from BLS and judgmental trend. For military personnel, DOD employment and judgmental trend.
State and local government (\$1,112.7 billion)	BLS QCEW adjusted for coverage differences.	Derived from BLS employment times earnings from BLS employment cost indexes for education and non-education.
Employer contributions for employee pension and insurance funds (\$1,464.4 billion) ³		
Private pension plans (\$290.2 billion)	Defined contribution plans. All years except the three most recent years. Tabulations from Department of Labor. Two most recent years. Judgmental trend. Defined benefit plans. All years except the most recent. Tabulations from Pension Benefit Guaranty Corporation and corporate financial reports. Most recent year: Judgmental trend.	Judgmental trend.
Government employee pension plans (\$292.8 billion)	For federal defined benefit plans, actuarial reports for federal retirement plans, adjusted to a calendar year basis. For federal defined contribution plans, Thrift Savings Plan annual reports. For state and local defined contribution plans, wages and salaries and BLS employer costs for employee compensation survey. For state and local defined benefit plans. All years except the most recent year: Actuarial reports adjusted to a calendar year basis. Most recent year: Judgmental trend.	For federal plans, judgmental trend. For state and local plans, same as most recent year.
Group health insurance (\$784.9 billion)	For federal government, premiums paid by the federal government to the Federal Employee Health Benefit Fund from OMB. All years except the most recent year: For private and for state and local government, employer contributions from AHRQ. Most recent year: For private, AHRQ tabulations. For state and local government, judgmental trend.	For private and for state and local government, judgmental trend. For federal government, employment from BLS.
Group life insurance (\$12.6 billion)	All years except the most recent year: Group premiums and estimates of employer share from A.M. Best. Most recent year: Judgmental trend.	Same as the most recent year.
Workers' compensation (\$75.3 billion)	All years except the most recent year: Employer contributions from trade sources. Most recent year: Judgmental trend.	Same as the most recent year.
Publicly administered government employee insurance funds (\$8.2 billion)	Employer contributions to the Medicare-Eligible Retiree Health Fund from the Monthly Treasury Statement.	DOD employment.
Supplemental unemployment benefits (\$0.5 billion)	Department of Labor EBSA filings	Judgmental trend

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Employer contributions for government social insurance (\$663.7 billion)	Tabulations from the Social Security Administration and other agencies administering social insurance programs.	For federal programs, BEA-derived wages and salaries of employees covered by the programs. For state and local programs, judgmental trend.
Taxes on production and imports (\$1,534.7 billion)		
Federal government (\$158.0 billion)	For excise taxes, collections from the Alcohol and Tobacco Tax and Trade Bureau and from the IRS. For customs duties, receipts from the Monthly Treasury Statement.	For customs duties, same as all years. For most excise taxes, derived from indicators of activity (such as gasoline production for gasoline tax). For others, judgmental trend.
State and local government (\$1,376.6 billion)	Receipts from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, and judgmental trend.	For state general sales taxes, advance and second estimates: state tax collections data supplemented with Urban Institute sales tax data; third estimate: Census Bureau quarterly tax survey. For state excise taxes, advance and second estimates: derived from indicators of activity (such as gasoline sales for gasoline excise tax) and trend estimates; third estimate: Census Bureau quarterly tax survey. For all other state taxes, advance and second estimates: judgmental trend; third estimate: Census Bureau quarterly tax survey. For local property taxes, advance and second estimates: judgmental trend; third estimate: Census Bureau quarterly tax survey. For all other local taxes, same as annual estimates.
Less: Subsidies (\$761.4 billion)		
Federal government (\$760.8 billion)	For agricultural subsidy payments, data from USDA. For all others, data from OMB's Budget of the U.S. Government.	USDA reports and other program administration data, data from the Monthly Treasury Statement, and judgmental trends.
State and local government (\$0.6 billion)	For railroad and electric power, Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, and judgmental trend.	Judgmental trend.
Net operating surplus (\$5,135.0 billion)		
Private enterprises (\$5,152.5 billion)		
Net interest and miscellaneous payments, domestic industries (\$843.3 billion)		
Domestic monetary interest, net (-\$19.6 billion)	For farm interest paid, USDA surveys. For residential mortgage interest paid, mortgage debt from FRB times a BEA interest rate. <i>All years except the most recent year.</i> For most other interest paid and received by business, IRS tabulations of business tax returns, adjusted for misreporting on tax returns and for conceptual differences. <i>Most recent year.</i> For other interest, interest receipts and payments from regulatory agencies (such as the Federal Deposit Insurance Corporation), from trade sources, or derived by applying BEA interest rates to interest-bearing assets/liabilities from FRB financial accounts of the United States.	Derived by combining estimates of (1) interest received by persons, (2) government interest paid less received, and (3) interest paid by persons. For (1), judgmental trend. For (2), data from the Monthly Treasury Statement and the Bureau of the Public Debt for federal and judgmental trend for state and local; and for (3), for margin interest, advance estimate; judgmental trend; second or third estimate: data from regulatory agencies. For nonmargin interest, consumer debt from FRB times BEA estimates of interest rates.
Domestic imputed interest, net (\$844.0 billion)		
Banks, credit agencies, and investment companies (\$348.2 billion)		
Depositor services (\$273.3 billion)	For commercial banks and savings institutions, FRB tabulations of FFIEC Call Reports used to calculate the interest rate spread between a risk-free reference rate and the average interest rate paid to depositors times the average balance of deposits. Depositor services allocated to persons, to government, and to the rest of the world on the basis of deposit liabilities from FRB. For credit agencies and investment companies, property income earned on investment of deposits less monetary interest paid to depositors (and for mutual depositories, profits from IRS tabulations of business tax returns) from annual reports of regulatory agencies and FRB. Depositor services allocated to persons, to government, and to the rest of the world on the basis of deposit liabilities from FRB. For credit unions, NCUA tabulations of Call Report Form 5300.	For commercial banks, savings institutions, and credit unions, advance estimate, judgmental trend; for second and third estimates, same as annual estimates. For investment companies, advance estimate, judgmental trend; for second and third estimates, mutual fund data from a trade source. For all others, judgmental trend.
Borrower services (\$74.9 billion)	For commercial banks and savings institutions, data from FRB tabulations of FFIEC Call Reports used to calculate the interest rate spread between the average rate paid by borrowers and the reference rate times the average balance of borrowers. For credit unions, NCUA tabulations of Call Report Form 5300.	For advance estimate, judgmental trend. For second or third estimates, same as annual estimates for commercial banks, savings institutions, and credit unions.
Life insurance carriers (\$298.1 billion)	Property income earned on investment of policyholders' reserves from trade source.	Judgmental trend.
Property and casualty insurance companies (\$2.8 billion)	Expected investment income derived using premiums earned and investment gains from trade source.	Judgmental trend.

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Employee pension plans (\$194.9 billion)	For federal defined benefit pension plans, actuarial reports for federal retirement plans, adjusted to a calendar year basis. All years except the most recent year. For private defined benefit pension plans, tabulations from the Pension Benefit Guaranty Corporation. For state and local government defined benefit pension plans, actuarial reports, adjusted to a calendar year basis. Most recent year. For private defined benefit pension plans, judgmental trend. For state and local government defined benefit pension plans, judgmental trend.	Same as most recent year.
Miscellaneous payments (\$18.8 billion)		
Federal government rents and royalties (\$5.5 billion)	Receipts from land and mineral leasing, U.S. Department of the Treasury.	For offshore leases, projections of receipts from OMB's Budget of the U.S. Government; for land and onshore mineral leasing, data from the Monthly Treasury Statement.
State and local government rents and royalties (\$13.3 billion)	Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, and judgmental trend.	Judgmental trend.
Business current transfer payments (net) (\$158.6 billion)		
To persons (net) (\$59.9 billion)	All years except the most recent year. For all components, information from government agency reports and trade sources. Most recent year. Judgmental trend.	Same as the annual estimates for the most recent year.
To government (net) (\$97.8 billion)	For federal, receipts from OMB's Budget of the U.S. Government and documentation from the Department of Justice about fines recorded on an accrual basis. For state and local, receipts from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis and net insurance settlements, as described above, and judgmental trend.	Judgmental trend.
To the rest of the world (net) (\$0.9 billion)	Estimated as part of BEA's International Transactions Accounts.	Same as the annual estimates.
Proprietors' income with inventory valuation and capital consumption adjustments (\$1,650.0 billion)		
Farm proprietors' income with inventory valuation adjustment (\$76.9 billion)	USDA data on net income, obtained by deriving gross income (cash receipts from marketing, inventory change, government payments, other cash income, and nonmoney income) and subtracting production expenses, adjusted to exclude corporate income based on USDA quinquennial census and annual survey data. Intrastate interfarm sales between farmers of the same geographic state, which is out of scope for ERS source data.	For crops, BEA quarterly allocation of USDA annual projections of crop output. For livestock, USDA quarterly projections of cash receipts and various USDA livestock reports for inventories. Quarterly allocation of USDA annual projections of government subsidy payments and production expenses.
Farm capital consumption adjustment (-\$6.7 billion)	See the entry "Less: capital consumption adjustment" under "Consumption of fixed capital."	See the entry under "Consumption of fixed capital."
Nonfarm proprietors' income (\$1,214.8 billion)	All years except the most recent year. Income from IRS tabulations of business tax returns, adjusted for understatement of income on tax returns and for conceptual differences. Most recent year. For construction, trade, and services, indicators of activity such as construction spending (value put in place). For others, judgmental trend.	Same as the annual estimates for the most recent year.
Nonfarm inventory valuation adjustment (-\$3.4 billion)	See the entry "Inventory valuation adjustment" under "Corporate profits."	See the entry under "Corporate profits."
Nonfarm capital consumption adjustment (\$368.4 billion)	See the entry "Less: capital consumption adjustment" under "Consumption of fixed capital."	See the entry under "Consumption of fixed capital."
Rental income of persons with capital consumption adjustment (\$711.6 billion)		
Owner-occupied nonfarm housing (\$544.0 billion)	Benchmark years. Derived as imputed rental of nonfarm housing (see the entry "Housing and utilities" under "Personal consumption expenditures") based on American Community Survey data less related expenses, including property insurance from a trade source, mortgage interest (mortgage debt from FRB times a BEA interest rate), and property taxes from Census Bureau annual surveys of state and local government tax collections. Other years, except most recent year. Same as benchmark years. Most recent year. Judgmental trend.	For imputed rental of owner-occupied housing, same as the annual estimates. For depreciation, interest, financing-related closing costs, and taxes, NIPA estimates of those components. For other expenses, judgmental trend.

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Tenant-occupied nonfarm housing (\$122.9 billion)	<p>Benchmark years. Derived as actual value of housing less related expenses (see preceding entry). Other years except most recent year. For mortgage interest, mortgage debt from FRB times a BEA interest rate. For property taxes, Census Bureau annual surveys of state and local tax collections. For all others, same as benchmark years.</p> <p>Most recent year. For housing rent expense, judgmental trend. For all others, same as in other years.</p>	Same as owner-occupied nonfarm housing.
Owner-occupied farm housing (\$10.9 billion)	Derived as imputed rental of farm housing (see the entry "Housing and utilities" under "Personal consumption expenditures") based on American Community Survey data less related expenses, such as mortgage interest and property taxes, from USDA.	Judgmental trend.
Tenant-occupied farm housing (\$0.3 billion)	Derived as imputed rental of farm housing (see the entry "Housing and utilities" under "Personal consumption expenditures") based on American Community Survey data less related expenses, such as mortgage interest and property taxes, from USDA.	Judgmental trend.
Nonfarm nonresidential properties (-\$0.3 billion)	Benchmark years. Nonfarm nonresidential fixed assets from BEA capital stock series times a rate of return on capital based on IRS tabulations of business tax returns. Other years. BEA capital stock series and judgmental trend.	Judgmental trend.
Royalties (\$23.1 billion)	All years except the most recent year. IRS tabulations of royalties reported on individual income tax returns. Most recent year. Judgmental trend.	Same as the annual estimates for the most recent year.
Corporate profits with inventory valuation and capital consumption adjustments, domestic industries (\$1,789.0 billion)		
Domestic profits before tax (\$1,729.3 billion)	<p>All years except the most recent year. Receipts less deductions from IRS tabulations of business tax returns, adjusted for understatement of income on tax returns and for conceptual differences.</p> <p>Most recent year. Profits from Census Bureau Quarterly Financial Report, regulatory agency reports, and compilations of publicly available corporate financial statements.</p>	For some industries in transportation and in finance, judgmental trend. For others, same as the annual estimates for the most recent year. (Preliminary profits estimate is released with the second estimate of GDP for the first, second, and third quarters and with the third estimate of GDP for the fourth quarter.)
Inventory valuation adjustment (IVA) (-\$18.2 billion)	The IVA on the income side (for corporations and for nonfarm sole proprietorships and partnerships) and the IVA on the product side (see the entry "Change in private inventories") differ because the source data reflect different proportions of inventories reported using different accounting methods (such as LIFO). The income-side IVA is based on the product-side IVA, adjusted by the relationship between non-LIFO inventories from IRS tabulations of business tax returns and non-LIFO inventories from the Census Bureau.	Same as the annual estimates.
Capital consumption adjustment (\$77.9 billion)	See the entry "Less: Capital consumption adjustment" under "Consumption of fixed capital."	See the entry under "Consumption of fixed capital."
Current surplus of government enterprises (-\$17.5 billion)		
Federal government (-\$0.6 billion)	Mainly reports of various agencies, such as the Postal Service, and CFC estimates derived with perpetual inventory calculations at current cost, based on gross investment estimates and on investment prices.	For CFC estimates, same as the annual estimates. For all others, judgmental trend.
State and local government (-\$16.8 billion)	For current operating receipts, mainly revenue data from Census Bureau quinquennial census of governments and annual surveys of state and local governments, adjusted to a calendar year basis from a fiscal year basis, and judgmental trend. For current operating expenditures, see the entries "Consumption expenditures and gross investment" and "Consumption of general government fixed capital" under "State and local government."	Judgmental trend.
Consumption of fixed capital (\$3,575.9 billion)		
Government (\$606.4 billion)		
General government (\$523.5 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Government enterprises (\$82.8 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.
Private (\$2,969.6 billion)		
Domestic business (\$2,338.6 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.

Component	Annual estimates: Source data and methods used to determine level for benchmark and other years or used to prepare an extrapolator or interpolator	Current quarterly estimates: Source data and methods used to prepare an extrapolator ¹
Capital consumption allowances (\$2,754.7 billion)	<p>All years except the most recent year. For depreciation of corporations and of nonfarm sole proprietorships and partnerships, IRS tabulations of business tax returns, adjusted for conceptual differences. For other depreciation (including farm proprietorships and partnerships and other private business), perpetual inventory calculations based on investment at acquisition cost.</p> <p>Most recent year. For depreciation of corporations and of nonfarm sole proprietorships and partnerships, BEA estimates of tax-return-based depreciation. For other depreciation, same as above.</p>	Perpetual inventory calculations based on investment at acquisition cost.
Less: Capital consumption adjustment (\$416.1 billion)	The difference between capital consumption allowances and CFC.	Same as the annual estimates.
Households and institutions (\$631.0 billion)	Perpetual-inventory method, based on gross investment estimates and on investment prices.	Same as the annual estimates.

AHRQ	Agency for Healthcare and Research Quality	GDP	Gross domestic product
ARTS	Annual retail trade survey	IRS	Internal Revenue Service
BEA	Bureau of Economic Analysis	LIFO	Last in, first out
BLS	Bureau of Labor Statistics	MRTS	Monthly survey of retail trade
BTS	Bureau of Transportation Statistics	NCUA	National Credit Union Association
CCC	Commodity Credit Corporation	NSF	National Science Foundation
CDC	Centers for Disease Control	NIPAs	National income and product accounts
CES	Current Employment Statistics	OMB	Office of Management and Budget
CFC	Consumption of fixed capital	OPM	Office of Personnel Management
CMS	Centers for Medicare and Medicaid Service	QCEW	Quarterly census of employment and wages
CPI	Consumer price index	QSS	Quarterly services survey
DOD	Department of Defense	R&D	Research and development
EBSA	Employee Benefits Security Administration	SAS	Service annual survey
EIA	Energy Information Administration	USDA	U.S. Department of Agriculture
FFIEC	Federal Financial Institutions Examination Council	VPIP	Value of new construction put in place
FRB	Federal Reserve Board		

1. For most components, information about the advance quarterly estimates is provided. In addition, major source data that become available during the second or third quarterly estimates for particular NIPA components are also noted.
2. Residential fixed investment includes \$4.2 billion for dormitories and \$0.4 billion for net purchases of used structures.
3. Employer contributions for employee pension and insurance funds includes \$0.5 billion for supplemental unemployment.

Source data

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

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

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

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

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

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

International Transactions Accounts. The source data for the foreign transactions that are reflected in most NIPA components—such as imports and exports of goods and services, net income receipts, and rest-of-the-world corporate profits—are from the International Transactions Accounts (ITAs) that BEA prepares.⁴ As noted in table 1, for some NIPA components, the ITA estimates are adjusted to conform to NIPA concepts and definitions. For the annual estimates of these adjustments and their definitions, see NIPA table 4.3B.

Reconciliation tables. In preparing the annual estimates of several components of GDI, BEA adjusts the source data to conform to NIPA concepts and coverage. For each of these components, an annual NIPA table reconciles the value published by the source agency with the NIPA value published by BEA, and the adjustments are listed. Reconciliation tables for the following components are available on BEA's website: consumption of fixed capital in table 7.13, nonfarm proprietors' income in table 7.14, net farm income in table 7.15, corporate profits in table 7.16, net monetary interest in table 7.17, and wages and salaries in table 7.18. In addition, reconciliation tables are available for federal government current receipts and expenditures in tables 3.18A and 3.18B, and for state and local government current receipts and expenditures in 3.19.

Estimation methods

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

The commodity-flow method involves estimating values based on various measures of output. For example, the estimates of PCE for “Furnishings and durable household equipment” in benchmark years are based on data on manufacturers' shipments from the U.S. Census Bureau, and BEA adjusts the data for imports and exports. In general, this method is used to derive estimates of various components of PCE, of equipment investment, and of the commodity detail for state and local government consumption expenditures and gross investment.⁵ Abbreviated forms of this method are used to prepare estimates of equipment investment for nonbenchmark years and for the current quarterly estimates.

The retail-control method uses retail sales data, primarily compiled by the Census Bureau, to estimate expenditures.⁶ It is used to prepare estimates of many subcomponents of PCE for durable and nondurable goods in nonbenchmark years. This method ensures that the growth rate for these subcomponents is the same rate as the “retail control” group, a measure based on the total sales of most kinds of businesses selling goods from the Census Bureau's monthly and annual retail trade surveys.

The perpetual-inventory method is used to derive estimates of fixed capital stock, which are used to estimate consumption of fixed capital—the economic depreciation of private and government fixed capital. This method is based on investment flows and a geometric depreciation formula.⁷

The fiscal year analysis method is used to estimate annual and quarterly estimates of consumption expenditures and gross investment by the federal government. The estimates of expenditures are calculated by program, that is, by activity for a single line item or for a group of line items in the *Budget of the U.S. Government*. For most programs, BEA adjusts budget outlays so that they conform to NIPA concepts and definitions and classifies the expenditures in the appropriate NIPA category, such as current transfer payments or interest payments, with nondefense consumption expenditures and gross investment determined residually. When a fiscal year analysis is completed, the detailed array of NIPA expenditures by program and by type of expenditure provides a set of control totals for the quarterly estimates.⁸

Estimates of real GDP

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

The deflation method is used for most components of GDP. A quantity index is derived by dividing the current-dollar index by an appropriate price index that has the base year—currently 2012—equal to 100. The result is then multiplied by 100.

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

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

The subcomponents in [table 2](#) are the same as those shown in table 1, but the detail differs to highlight the alternative methodologies that are used to calculate the estimates of real spending.⁹

Table 2. Methodology Used in Preparing Estimates of Real Gross Domestic Product

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	Consumer Price Index (CPI) or Producer Price Index (PPI)	Other index	
Personal consumption expenditures			
Goods			
Durable goods			
Motor vehicles and parts	CPI PPI, for used auto and used light truck dealers' margins.		
Furnishings and durable household equipment	CPI		
Recreational goods and vehicles	CPI		
Other durable goods	CPI		
Nondurable goods			
Food and beverages purchased for off-premises consumption	CPI	BEA composite index of USDA prices received by farmers.	
Clothing and footwear	CPI PPI, for standard clothing issued to military personnel.		
Gasoline and other energy goods	CPI		
Other nondurable goods	CPI	BEA installation support services price index, for expenditures abroad by U.S. residents.	
Services			
Household consumption expenditures (for services)			
Housing and utilities	CPI		Quantity extrapolation. Chained-dollar net stock of farm housing from BEA capital stock estimates.
Health care	CPI PPI, for physicians offices, hospitals, proprietary and government nursing homes, home health care services, medical care laboratories, and diagnostic imaging centers.		
Transportation services	CPI PPI, for domestic scheduled air passenger revenue.		
Recreation services	CPI		
Food services and accommodations	CPI		
Financial services and insurance	CPI	BEA composite index of prices, for financial services furnished without payment by other financial institutions, ¹ and life insurance.	Quantity extrapolation. BLS index of total output (less BEA estimates of real bank service charges) times consumer share based on deposits and loans, for banks. BEA transactions derived from volume data from a trade source, for investment companies' charges. BLS banking output index, for trust, fiduciary, and custody activities.
	PPI, for brokerage services, dealer transactions, other securities related services including margin lending and mutual fund sales, portfolio management and investment advice services; commercial bank trust services; homeowner's insurance; direct health and medical insurance carriers; private passenger auto insurance, and workers' compensation.		
Other services	CPI PPI, for employment agency services and international scheduled passenger revenue.	BEA composite index of prices, for social assistance services, labor organization dues, and for net foreign travel. BLS import price index for air passenger transport, for foreign travel.	
Final consumption expenditures of nonprofit institutions serving households		BEA composite index of input prices, for gross output of nonprofit categories.	
Fixed investment			
Nonresidential structures			
Commercial and health care	PPI, for office buildings, health care buildings, warehouses, and mobile structures.	BEA index based on cost index from trade source and on Census Bureau price index for single-family houses under construction, for certain commercial structures.	
Manufacturing	PPI, for industrial buildings.		

Component	Deflation, using price based on		Using quantity for extrapolation or direct valuation
	Consumer Price Index (CPI) or Producer Price Index (PPI)	Other index	
Power and communication	PPI, for steel pipes and tubes	Cost indexes from trade sources and government agencies, for power; cost index from trade source, for communication.	
Mining exploration, shafts, and wells	PPI, for oil and gas well drilling and oil and gas field services.	BEA index based on cost index from trade source and on Census Bureau price index for single-family houses under construction, for mines.	Quantity extrapolation. Footage by geographic area from trade source, for drilling.
Other structures	PPI, for nonresidential real estate brokerage and new school construction.	BEA index, for railroads; BEA index based on cost index from trade source and on Census Bureau price index for single-family houses under construction, for other components.	
Nonresidential equipment			
Equipment except those listed below	PPI, for most domestic components and for imported transportation equipment.	BLS import price indexes, for imported components except transportation equipment.	
New autos, new light trucks, and net purchases of used autos and used light trucks	CPI, for new autos and new light trucks.		Direct valuation. For used autos and used light trucks, see the entry "Motor vehicles and parts" under "Personal consumption expenditures."
Communication equipment	CPI, for smartphones.	FRB price indexes for data networking equipment, voice network equipment, data transport equipment, and wireless networking equipment.	
Photocopying equipment		BEA price index.	
Electro-medical equipment		BEA price indexes for medical imaging equipment and for electronic medical equipment.	
Nonresidential intellectual property products			
Software	PPI, for software publishing, except games.	BEA cost index based primarily on BLS average wage rates for select occupations and on PPI, for own-account and custom software.	
Research and development		BEA cost index based primarily on BLS data on average wages for selected industries.	
Entertainment, literary, and artistic originals	CPI and PPI		
Residential investment			
Permanent-site new single-family structures		Census Bureau price index for single-family houses under construction.	
Permanent-site new multifamily structures		Census Bureau price index for multi-family houses under construction.	
Manufactured homes	PPI, for mobile homes.		
Improvements		BEA composite index of input prices, for major replacements; BEA index based on Census Bureau price index for single-family houses under construction and BEA index for major replacements, for additions and alterations.	
Brokers' commissions and other ownership transfer costs	PPI, for residential real estate brokerage.		
Equipment	CPI		
Change in private inventories			
Farm		USDA average market prices.	
Nonfarm			
Purchased goods of all industries	PPI	Composite price from the EIA, for crude petroleum; BLS import price indexes, for imported goods purchased by trade industries.	Direct valuation. Quantities and prices of stocks of coal, petroleum, and natural gas from EIA, for utilities.
Work-in-process and finished goods, manufacturing	PPI	BEA indexes of unit labor costs.	
Net exports of goods and services			
Exports and imports of goods	PPI, for gold, semi-conductor exports, selected transportation equipment, selected communications equipment, and selected agricultural products. CPI, for smartphones.	BLS export and import price indexes; FRB price index, for various communications equipment; BEA price indexes for electro-medical equipment and parts exports and imports, and other exports and imports of goods; unit-value indexes based on Census Bureau values and quantities, for electric energy exports and imports.	Direct valuation. Quantities and unit-value indexes from monthly Census Bureau compilations of import data converted to a balance-of-payments basis, for imports of petroleum.
Exports and imports of services	CPI, for medical receipts and payments, travel receipts, and nonresident student expenditures. PPI, for selected transport categories and selected business services categories.	Selected deflators, for military transfers and defense expenditures: see "National defense except consumption of general government fixed capital" below. BEA composite index of foreign CPIs, ² for travel payments, for miscellaneous services, and for U.S. students' expenditures abroad; BLS export and import price indexes, for selected transport categories; BEA implicit price deflators, for selected business services categories.	Quantity extrapolation. BLS index of total bank output (less BEA estimates of real bank service charges), for exports of financial services furnished without payment ¹ ; premiums deflated by PPI, for exports and imports of insurance
Government consumption expenditures and gross investment			
Federal government			

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

BEA	Bureau of Economic Analysis
BLS	Bureau of Labor Statistics
CPI	Consumer price index
DOD	Department of Defense
DOE	Department of Energy
EIA	Energy Information Administration
FRB	Federal Reserve Bank
PPI	Producer price index
USDA	U.S. Department of Agriculture

1. Also referred to as "services furnished without payment by financial intermediaries, except life insurance carriers."
2. The foreign CPIs are adjusted for differences in exchange rates.

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1. The concepts and methodologies that underlie the NIPAs are subject to periodic improvements as part of the comprehensive and annual NIPA updates, and information about these improvements is available on BEA's website. See also "[The 2021 Annual Update of the National Income and Product Accounts](#)," *Survey of Current Business* 101 (August 2021).
 2. For detailed descriptions of the fundamental concepts, definitions, classifications, and accounting framework that underlie the NIPAs and of the general sources and methods that are used to prepare the estimates, see [NIPA Handbook: Concepts and Methods of the U.S. National Income and Product Accounts](#) on BEA's website.
 3. For specific information on key monthly source data incorporated in the current quarterly estimates, see "[GDP and the Economy](#)" in the *Survey*.
 4. See [U.S. International Economic Accounts: Concepts and Methods](#) on BEA's website. Improvements in methodology are usually introduced as part of annual ITA revisions; see Ami Adjoh-Baliki and Jason Sutterley, "[Annual Update of the U.S. International Transactions Accounts](#)," *Survey* 101 (July 2021).
 5. For additional information on the commodity-flow method, see "[Chapter 4: Estimating Methods](#)" in *NIPA Handbook: Concepts and Methods of the U.S. National Income and Product Accounts*, 4–11.
 6. For additional information, see "[Estimating Methods](#)," 4–12 and "[What is the retail-control method?](#)"
 7. For additional information, see "[Estimating Methods](#)," 4–14.
 8. For details, see "[Chapter 9: Government Consumption Expenditures and Gross Investment](#)."
 9. For the real estimates, the distinction between annual and quarterly methodologies is less important than it is for the current-dollar estimates. For the relatively few cases in which the annual and quarterly source data differ, the major differences are noted.



Chronicling 100 Years of the U.S. Economy

November 2021

Volume 101, Number 11

Updated and Expanded Small Business Statistics

Wages, Employment, and Gross Output by Industry and Enterprise Size, 2012–2017

By Patrick Georgi, Lonna Morrow, and Tina Highfill

This paper presents newly released estimates of wages, employment, and gross output by industry and enterprise size for 2012 through 2017. These estimates expand on previous U.S. Bureau of Economic Analysis (BEA) estimates by enterprise size¹ in two ways. First, we increased the number of size class groupings from five to eight. Specifically, we split the small businesses category (less than 100 employees) into four subcategories: very small (0–9 employees), small 1 (10–19 employees), small 2 (20–49 employees), and small 3 (50–99 employees). We also expanded the level of detail for large businesses, splitting this category into three subcategories: large 1 (500–999 employees), large 2 (1,000–4,999 employees), and very large (5,000 or more employees). Second, we expanded the industry detail from about 20 sectors, or 2-digit North American Industry Classification System (NAICS) codes, to 63 industries, aligning with 3-digit NAICS codes. The full set of estimates is available on [BEA's small business website](#).

Our estimates show enterprises with 5,000 or more employees garnered the largest share of private sector wages, employment, and gross output in 2017, generating more than one-third of overall economic activity for these estimates (38.4 percent, 33.8 percent, and 41.3 percent, respectively). We also find the major industries in the largest (5,000 or more employees) and smallest (0–9 employees) size classes differed from the industries prominent in the adjacent large (500–999 and 1,000–4,999 employees) and small (10–19, 20–49, 50–99 employees) size categories, highlighting the need for granular industry and size class data to understand the composition of the economy. Additional findings are discussed below, following a brief description of the methodology. The final section provides additional context to our results and describes possibilities for future research.

Methodology

Data

The primary source data used to calculate wages, employment, and gross output by enterprise size were the U.S. Census Bureau’s Statistics of U.S. Businesses (SUSB) and Nonemployer Statistics (NES). The SUSB is published annually and provides payroll and employment estimates by industry and enterprise size, as well as corresponding receipts, shipments, and sales data every 5 years (in line with the Economic Census publication years). The SUSB sample includes businesses with one or more employees during the year. The NES data by industry are used to capture receipts for businesses with no employees during the year.

The SUSB provides data for about two dozen employment size categories, ranging from less than 5 employees to 5,000 or more employees. Table 1 shows summary-level 2017 data for the agriculture, forestry, fishing, and hunting sector. The SUSB data show that of the 164,046 employees in this sector, 23,132 are employed in enterprises with fewer than 5 employees.

Table 1. Sample Data from U.S. Census Bureau’s Statistics of U.S. Businesses, 2017

NAICS	NAICS description	Enterprise size	Establishments	Employment	Annual payroll (\$1,000)	Receipts (\$1,000)
11	Agriculture, forestry, fishing, and hunting	01. Total	23,363	164,046	7,013,892	34,742,794
		02. less than 5 employees	15,957	23,132	1,068,245	7,412,902
		03. 5–9 employees	3,574	23,441	947,807	5,084,929
		04. 10–19 employees	1,664	21,870	957,566	4,535,258
		05. less than 20 employees	21,195	68,443	2,973,618	17,033,089
		06. 20–99 employees	1,221	41,314	1,823,162	7,577,963
		07. 100–499 employees	450	26,834	1,051,899	4,360,433
		08. less than 500 employees	22,866	136,591	5,848,679	28,971,485
		09. 500 or more employees	497	27,455	1,165,213	5,771,309

Source. U.S. Census Bureau Statistics of U.S. Businesses (2021)

There are a few private industries that are not included in the SUSB and have been excluded when creating these estimates, notably crop and animal production and rail transportation.²

Annual nominal wages, employment, and gross output by industry data from BEA’s national accounts were used as the U.S. industry totals. BEA defines wages as money paid in regular intervals to employees by employers, employment as both part-time and full-time employees, and gross output as receipts plus other operating income and inventory change. In BEA’s national accounting framework, nonemployers receive proprietors’ income, a category distinct from wages. This means nonemployers are included in our gross output estimate, but the wage and employment estimates exclude nonemployers.³

Methods

To calculate wages, employment, and gross output by enterprise size, BEA nominal industry totals for these estimates were distributed to the SUSB and NES data according to their size categories. The distribution was calculated using each enterprise size category's share of total employment for a given industry. For example, if 10 percent of all manufacturing employment was represented in enterprises with 20–49 employees in the SUSB data, then 10 percent of the total BEA manufacturing employment figures were assigned to that enterprise size category. This process was similarly applied to the payroll data to estimate wages and to the receipts data to estimate gross output.

In some cases, industry and size category observations were suppressed in the SUSB data to avoid potential identification of individual firms. These suppressions occur when there are a small number of firms within an industry and size class combination, and the exact values for payroll, employment, or receipts are hidden to preserve confidentiality. Where these values are suppressed, the Census Bureau includes a lettered key to indicate that the suppressed employment figure falls within a certain range. The difference between the industry total and the sum of the unsuppressed data is the total suppressed value. The suppressed value was allocated to the suppressed cells using the midpoint of the supplied range.

New in this paper is the expansion of size classes to include more detail on both small and large businesses. The size categories are found in table 2.

Table 2. Size Class Categories by Number of Employees in an Enterprise

Very small	Small 1	Small 2	Small 3	Medium	Large 1	Large 2	Very large
0–9	10–19	20–49	50–99	100–499	500–999	1,000–4,999	5,000 or more

Another new piece of this paper is the expansion of the data to show 63 detailed industries. Previously, data were only estimated at a more aggregated two-digit or sector level of detail.

Wages, Employment, and Gross Output by Enterprise Size and Industry, 2012–2017

In this section, we describe the wages, employment, and gross output estimates separately. We start with a discussion of overall industry shares for the estimate, then focus on small enterprises, and end with a discussion of changes between 2012–2017 for all size classes. For the sake of brevity, many of the results are described at the sector level. The full industry-level data can be found in the tables that accompany this paper on [BEA's small business website](#).

Wages

Top five sectors

Wages totaled almost \$7.1 trillion in 2017, an increase of \$1.4 trillion from 2012 (\$5.7 trillion). Ranking the sectors by their total share of overall wages, the top five sectors in 2017 remained unchanged from the 2012 rankings. The top five sectors by 2017 wages values were:

1. Health care and social assistance (\$976.2 billion)
2. Professional, scientific, and technical services (\$859.6 billion)
3. Finance and insurance (\$668.5 billion)
4. Durable goods manufacturing (\$559.6 billion)
5. Retail trade (\$510.5 billion)

Together, these sectors accounted for 50.4 percent (\$3.6 trillion) of overall wages earned in 2017.

Small enterprises

In 2017, small enterprises (less than 100 employees) made up 28.4 percent of overall U.S. wages (chart 1). The sector with the largest share of wages concentrated in small enterprises (less than 100 employees) was agriculture, forestry, fishing, and hunting (excluding farm) (69 percent) (chart 2). Within the size classes, professional, scientific, and technical services and health care and social assistance together accounted for 30.2 percent of wages in the very small (0–9 employees) size class and 28.6 percent of wages in the small 1 (10–19 employees) size class.

- **Professional, scientific, and technical services** ranked first in all four small size classes in 2017 (table 3). This sector represented 17.5 percent of wages in the very small (0–9 employees) size class and 14.8 percent of wages in the small 1 (10–19 employees). This sector includes a variety of services, including legal, accounting, and engineering services.
- **Health care and social assistance** ranked second in both the very small (0–9 employees) size class in 2017, representing 12.7 percent of wages, and the small 1 (10–19 employees) size class, representing 13.7 percent of wages. Most of this activity arose from the ambulatory health care services industry, which represented over 80 percent of wages in this sector in both the very small (0–9 employees) and small 1 (10–19 employees) size class.
- Despite not being ranked in the top five sectors in terms of total wages in 2017, Construction ranked second in both the small 2 (20–49 employees) size class, representing 13.1 percent of wages, and small 3 (50–99 employees) size class, representing 11.7 percent of wages.

Chart 1. Share of Total Wages by Size Class, 2012 and 2017

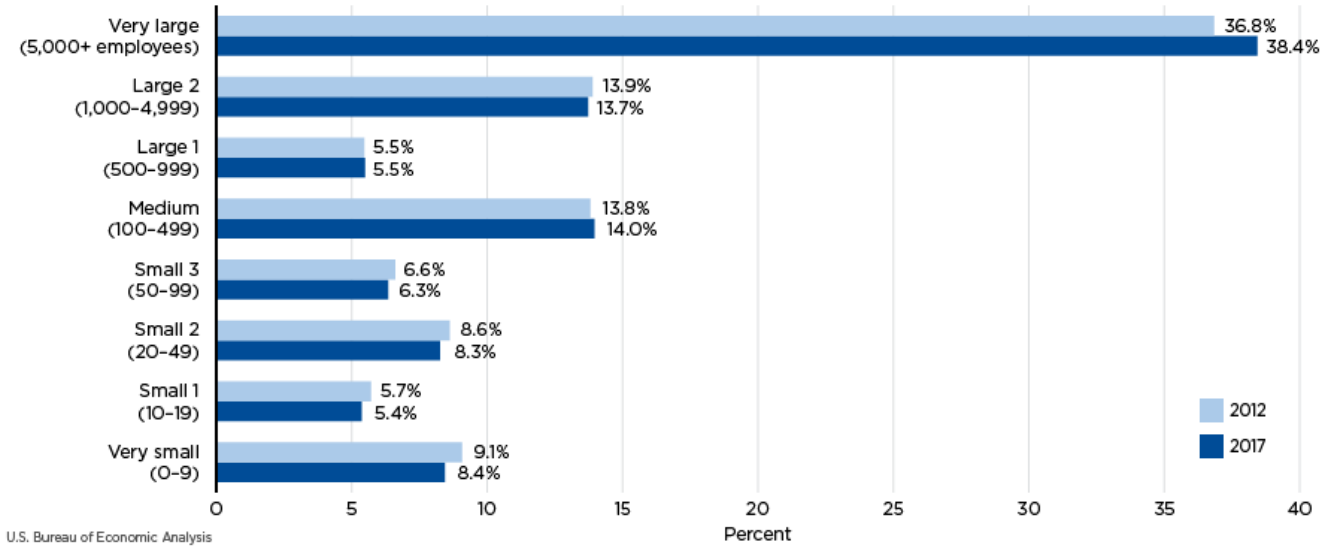


Chart 2. Distribution of Wages by Size Class for Sectors, 2017

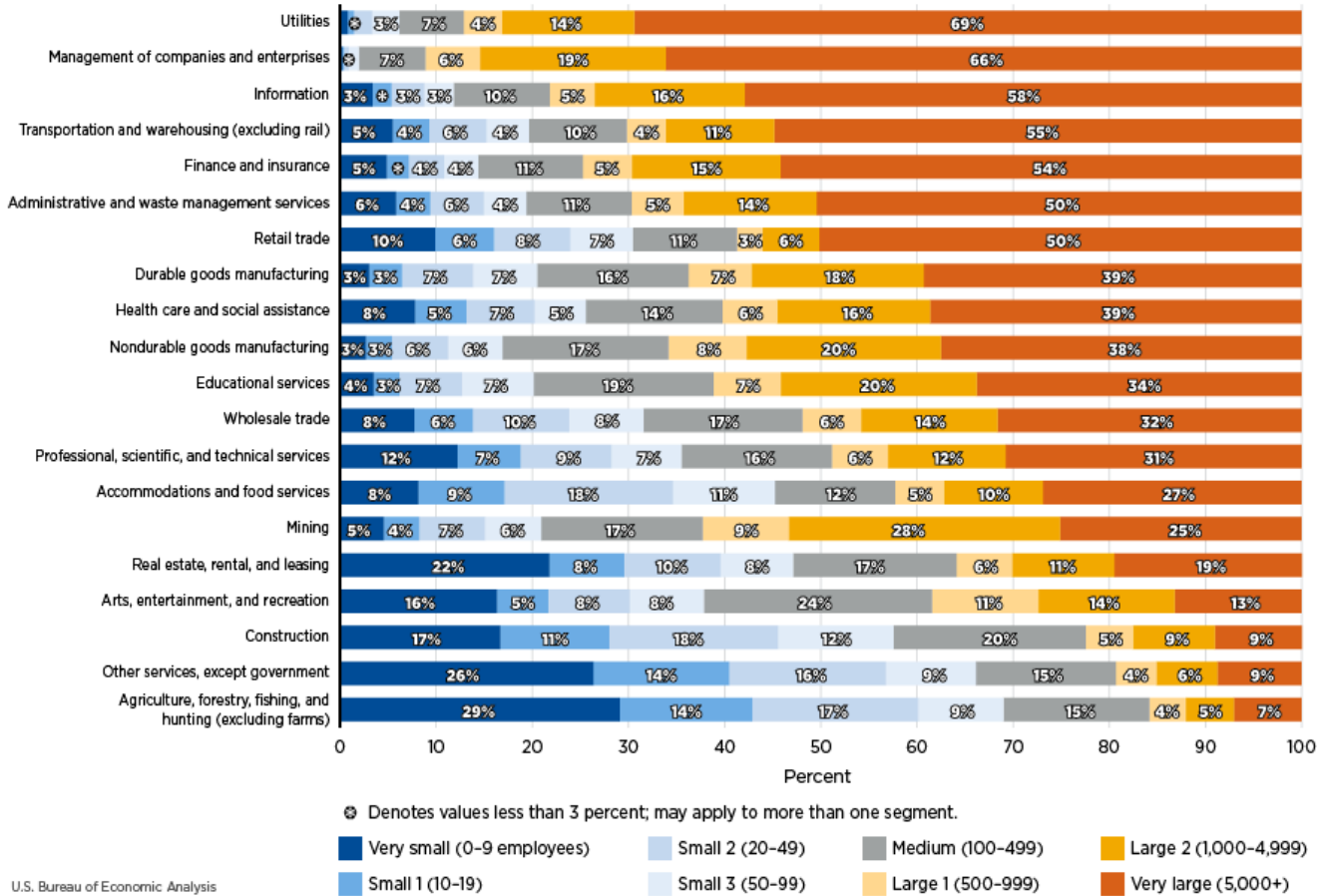


Table 3. Ranking Sectors by Largest Share of Wages in Each Enterprise Size Category, 2012 and 2017

Sector	Very small (0-9 employees)		Small 1 (10-19)		Small 2 (20-49)		Small 3 (50-99)		Medium (100-499)		Large 1 (500-999)		Large 2 (1,000-4,999)		Very large (5,000 or more)	
	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017
Agriculture, forestry, fishing, and hunting (excluding farms)	17	16	18	17	18	18	20	19	20	20	20	20	20	20	20	20
Mining	18	18	17	18	17	17	17	17	18	18	17	18	15	15	15	18
Utilities	20	20	19	20	20	20	19	20	19	19	19	19	19	19	14	14
Construction	4	3	3	3	3	2	3	2	6	4	8	7	10	10	16	15
Durable goods manufacturing	11	11	8	8	5	7	4	4	3	3	3	3	2	4	5	5
Nondurable goods manufacturing	15	15	13	13	11	11	10	11	7	8	6	6	7	6	11	11
Wholesale trade	6	6	5	7	4	5	5	5	4	5	5	5	5	5	9	10
Retail trade	5	5	6	5	7	8	6	7	8	7	11	12	13	14	3	4
Transportation and warehousing (excluding rail)	12	13	11	11	12	12	12	12	13	14	14	15	14	13	10	9
Information	14	14	14	14	14	15	15	15	14	12	12	11	9	9	7	8
Finance and insurance	7	7	9	9	9	9	8	9	5	6	4	4	4	3	1	2
Real estate and rental and leasing	8	8	12	12	13	13	14	14	16	16	18	17	17	17	18	16
Professional, scientific, and technical services	1	1	1	1	1	1	1	1	2	2	2	2	3	2	4	3
Management of companies and enterprises	19	19	20	19	19	19	18	18	17	17	9	10	6	7	6	7
Administrative and waste management services	10	10	10	10	10	10	11	10	9	10	7	8	8	8	8	6
Educational services	16	17	16	16	15	14	13	13	12	13	13	14	12	12	13	13
Health care and social assistance	2	2	2	2	2	3	2	3	1	1	1	1	1	1	2	1
Arts, entertainment, and recreation	13	12	15	15	16	16	16	16	15	15	16	16	18	18	19	19
Accommodation and food services	9	9	7	6	6	4	7	6	11	9	10	9	11	11	12	12
Other services, except government	3	4	4	4	8	6	9	8	10	11	15	13	16	16	17	17

Small enterprises' (less than 100 employees) share of wages declined 1.6 percentage points between 2012 and 2017, from 30 percent to 28.4 percent, driven in part by declines in relative shares for wholesale trade and health care and social assistance. Wholesale trade saw a 3.8 percentage point decline in wage shares attributable to small enterprises between 2012 and 2017 (from 35.3 percent to 31.6 percent) and health care and social assistance experienced a 3.5 percentage points decline (from 29 percent to 25.6 percent).

Changes in size class ranking between 2012 and 2017

Two sectors out of 20, construction and accommodations and food services, experienced multiple increases in rankings within the size classes.

- **Construction** realized the greatest increase in rank by size class, moving up two spots in the medium (100–499 employees) size class, from the sixth largest sector to the fourth. Looking at construction’s share of wages within size classes, the small 3 (50–99 employees) size class increased 2.2 percentage points between 2012 and 2017, from 9.5 percent to 11.7 percent, the largest percentage point increase of all the sectors and size classes.
- **Accommodations and food services** also saw a lot of upward movement within size classes. Rankings for the small 2 (20–49 employees) and medium (100–499 employees) size classes both jumped two spots. Rankings for the small 1 (10–19 employees), small 3 (50–99 employees), and large 1 (500–999 employees) size classes all moved up one spot. Food services accounted for the majority of wages in this sector, over 78 percent in 2017.

Some sectors saw large decreases in rank across size classes. Out of all the size classes, mining was the only sector to face a downward slide of three spots in rank in an individual size class. This sector’s very large (5,000 or more employees) size class decreased three spots between 2012 and 2017, falling from the 15th largest sector to the 18th largest (out of 20). There was also a downward movement in ranking in the small 1 (10–19 employees) and large 1 (500–999 employees) size classes for this sector, also moving to 18th place in both cases. Many other sectors experienced changes in rank over the period:

- **Wholesale trade** decreased rank across many size classes. The ranking for small 1 (10–19 employees) moved down two spots to seventh place, and rankings for three other size classes moved down one spot: small 2 (20–49 employees), medium (100–499 employees), and very large (5,000 or more employees). Wholesale trade’s share of wages by size class decreased in all size classes except large 1 (500–999 employees). The size class facing the largest loss in share was small 2 (20–49 employees), decreasing 1.1 percentage points to a 7.8 percent share.
- **Durable goods manufacturing** experienced two large downward movements in size class rankings, despite being one of the top five largest sectors. Rankings for the small 2 (20–49 employees) and large 2 (1,000–4,999 employees) size classes both moved down two spots, to seventh and fourth place, respectively. All size classes saw a decrease in share percentage, ranging from –1.3 percentage points to –0.2 percentage point.
- **Health care and social assistance** saw large decreases in wage share percentages for all but the largest size class (5,000 or more employees). Rankings for the small 2 (20–49 employees) and small 3 (50–99 employees) size classes went from second to third place. This sector’s share of overall wages in the very small (0–9 employees) size class decreased 1.6 percentage points, from 14.3 percent to 12.7 percent.

The rankings of sectors by share of total wages remained unchanged for 13 out of 20 sectors between 2012 and 2017, though there was some movement within the individual size classes for these sectors. This means that despite having growth or loss within the size classes, the change wasn’t enough to affect their overall ranking by total wages. Arts, entertainment, and recreation experienced the least movement in rank across size classes for any sector.

Employment

Top five sectors

In 2017, private employment was 126.5 million, an increase of 11.9 million from 2012. Similar to wages, the top five sectors ranked by their share of total employment stayed the same between 2012 and 2017. The top five sectors were:

1. Health care and social assistance (19.6 million employees)
2. Retail trade (16 million employees)
3. Accommodations and food services (13.7 million employees)
4. Administrative and waste management services (9.2 million employees)
5. Professional, scientific, and technical services (9.1 million employees)

Together, these sectors accounted for 53.4 percent of private employment in 2017.

Small enterprises

Small enterprises (less than 100 employees) made up 34.6 percent of private employment in 2017, a decrease of 1.2 percentage points from 2012 (chart 3). The sectors with the largest share of employment within the small (less than 100 employees) size classes were accommodations and food services and health care and social assistance, accounting for 15 percent and 12.9 percent of small enterprise employment, respectively. The sector with the largest share of employment concentrated in very small enterprises (0–9 employees) was other services, except government, representing 31 percent of this sector’s employment (chart 4).

- **Accommodations and food services** held the largest share of employment in the small 1 (10–19 employees), small 2 (20–49 employees), and small 3 (50–99 employees) size classes in both 2012 and 2017 (table 4). Accommodations and food services also ranked as the second largest sector in three size classes: medium (100–499 employees), large 1 (500–999 employees), and large 2 (1,000–4,999 employees) size classes. As with wages, the majority of employment for this sector is concentrated in the food services industry (85.5 percent in 2017).
- **Health care and social assistance** ranked second in the small 1 (10–19 employees), small 2 (20–49 employees), and small 3 (50–99 employees) size classes in both 2012 and 2017, with all three size classes seeing minor increases in employment share percentages, ranging from 0.1 percentage point to 0.7 percentage point. Similar to wages, ambulatory health care services represented the majority of employment for small enterprises (less than 100 employees) within this sector (59.3 percent in 2017).
- **Other services, except government** represents the largest share (16.5 percent) of the very small (0–9) size class across all industries. This sector includes an assortment of services that are not classified elsewhere in the NAICS, such as automotive repair, barber shops, funeral homes, drycleaners, and parking garages.

Chart 3. Share of Total Employment by Size Class, 2012 and 2017

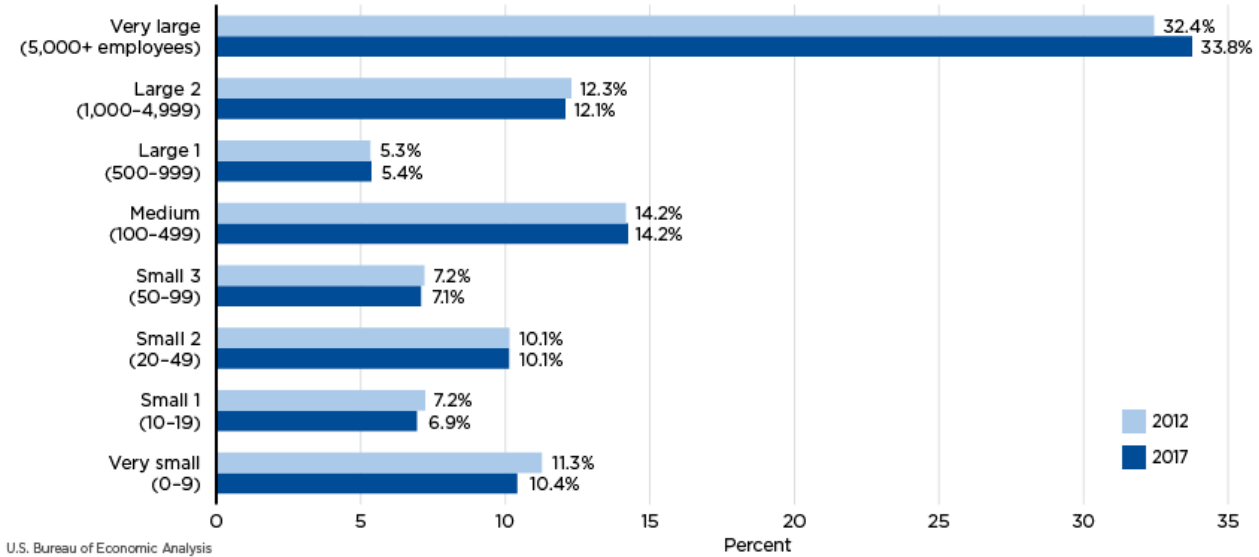


Chart 4. Distribution of Employment by Size Class for Sectors, 2017

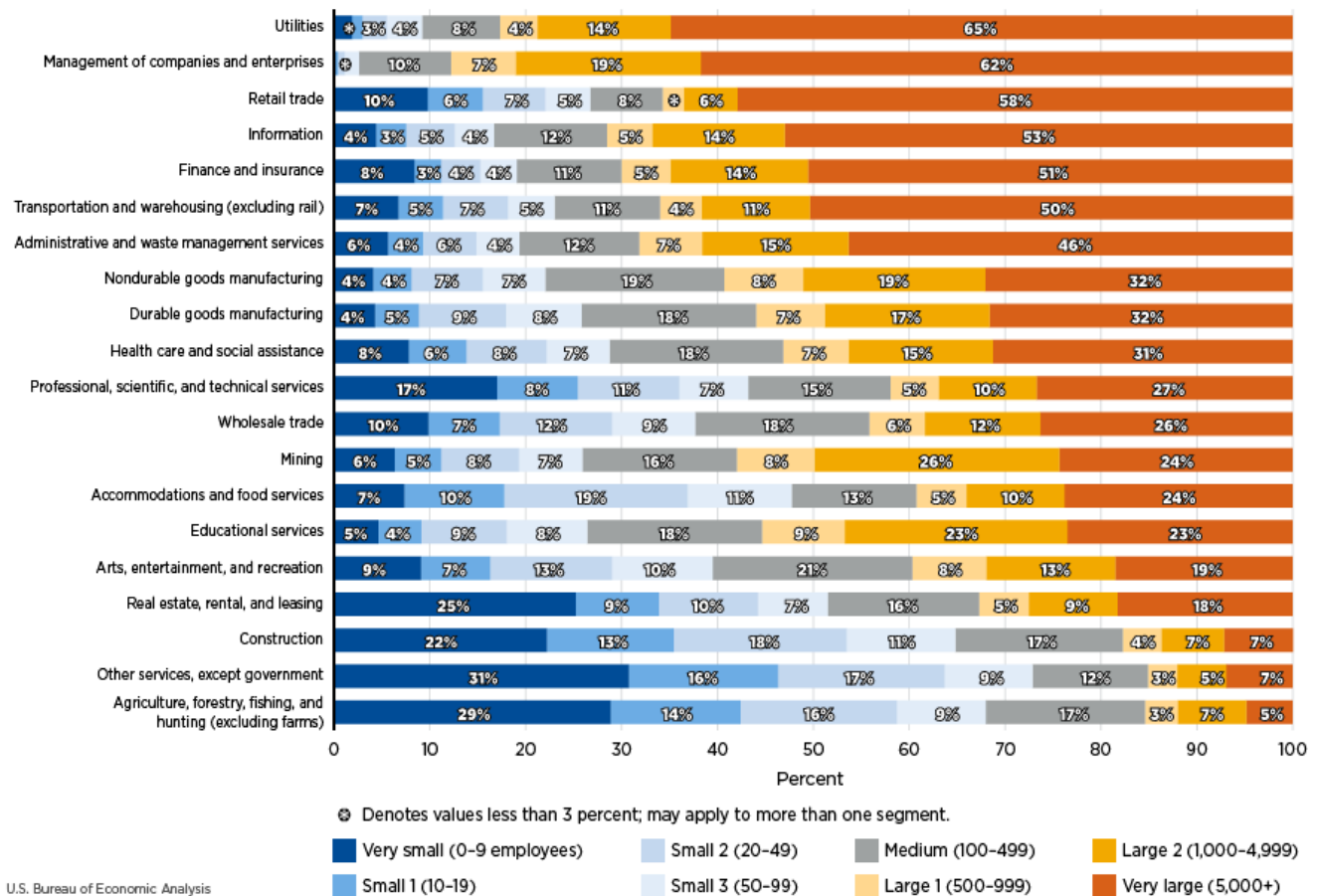


Table 4. Ranking Sectors by Largest Share of Employment in Each Enterprise Size Category, 2012 and 2017

Sector	Very small (0-9 employees)		Small 1 (10-19)		Small 2 (20-49)		Small 3 (50-99)		Medium (100-499)		Large 1 (500-999)		Large 2 (1,000-4,999)		Very large (5,000 or more)	
	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017
Agriculture, forestry, fishing, and hunting (excluding farms)	15	15	17	17	17	17	17	17	19	19	20	20	20	20	20	20
Mining	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19
Utilities	19	19	19	19	20	20	20	20	20	20	19	19	19	19	16	18
Construction	4	2	5	4	4	3	6	3	8	5	11	11	13	12	15	14
Durable goods manufacturing	11	12	8	8	7	7	4	7	3	3	4	4	2	4	6	7
Nondurable goods manufacturing	13	14	12	12	10	10	10	10	9	9	6	6	8	8	10	10
Wholesale trade	7	7	7	7	8	8	8	8	7	8	9	8	10	10	11	9
Retail trade	2	3	4	5	5	5	3	4	6	6	7	7	5	7	1	1
Transportation and warehousing (excluding rail)	12	11	10	10	11	11	13	13	13	13	13	12	11	11	8	6
Information	17	17	16	16	16	16	16	16	16	16	16	16	14	14	9	11
Finance and insurance	10	9	13	13	13	14	12	14	11	11	10	9	7	6	4	5
Real estate and rental and leasing	9	8	11	11	15	15	15	15	15	15	17	17	17	17	17	17
Professional, scientific, and technical services	5	4	6	6	6	6	7	5	5	4	5	5	6	5	7	8
Management of companies and enterprises	20	20	20	20	19	19	19	19	17	17	15	15	12	13	12	12
Administrative and waste management services	8	10	9	9	9	9	9	9	4	7	3	3	3	3	3	3
Educational services	16	16	15	15	12	12	11	11	12	12	8	10	9	9	13	13
Health care and social assistance	3	5	2	2	2	2	2	2	1	1	1	1	1	1	2	2
Arts, entertainment, and recreation	14	13	14	14	14	13	14	12	14	14	14	14	16	16	18	16
Accommodation and food services	6	6	1	1	1	1	1	1	2	2	2	2	4	2	5	4
Other services, except government	1	1	3	3	3	4	5	6	10	10	12	13	15	15	14	15

Changes in size class ranking between 2012 and 2017

Two sectors experienced large upward movements within size classes between 2012 and 2017: construction and arts, entertainment, and recreation.

- **Construction** rankings increased for all but one size class, large 1 (500–999 employees). The small 3 (50–99 employees) and medium (100–499 employees) size classes both moved up three spots to rank third and fifth, respectively. For the very small (0–9 employees) size class, construction moved up two spots to second place. The remaining size classes all increased in rank by one spot. Construction’s share of employment in all the size classes increased, ranging from 0.2 to 1.5 percentage point increases.
- **Arts, entertainment, and recreation** did not move in its ranking of overall share of employment, but it did see movement within the size classes. This sector’s rankings for the small 3 (50–99 employees) and very large (5,000 or more employees) size classes moved up two spots to 12th and 16th place, respectively. Rankings in the very small (0–9 employees) and small 2 (20–49 employees) size classes moved up one spot each to claim 13th place for both.

Two of the three sectors that saw the largest downward movement within size classes are also in the top five sectors, speaking to the massive size of the sectors and how much weight they hold in terms of share of employment.

- **Administrative and waste management services** was one of two sectors where rankings moved down three places in an individual size class. The ranking for the medium (100–499 employees) size class moved down to seventh place in 2017 from fourth in 2012. Although the movement in rank was drastic, its share of the medium size class only fell by 0.7 percentage point, from 7 percent to 6.4 percent. This sector also saw a downward movement in the very small (0–9 employees) size class, falling in ranking from 8th to 10th place.
- **Retail trade** rankings also experienced downward movement in multiple size classes. The greatest movement in ranking was for the large 2 (1,000–4,999 employees) size class, falling two spots from fifth to seventh place. Three other size classes moved down one spot in the retail trade sector: very small (0–9 employees) fell to third place, small 1 (10–19 employees) decreased to fifth, and small 3 (50–99 employees) fell to fourth.
- **Durable goods manufacturing** rankings either declined or stayed the same over the period. The small 3 (50–99 employees) size class ranking for this sector fell three spots to seventh place. The ranking for the large 2 (1,000–4,999 employees) size class fell two spots, moving from second to fourth place, and the very small (0–9 employees) and very large (5,000 or more employees) sizes classes both fell one spot.

Similar to wages, 13 sectors remained unchanged in their ranking of total share of private employment.

Gross output

Top five sectors

Gross output totaled almost \$28.7 trillion in 2017, an increase of \$4.6 trillion from 2012 (\$24 trillion). Ranking the sectors by their total share of overall 2017 gross output, the top five sectors were:

1. Durable goods manufacturing (\$2.9 trillion)
2. Nondurable goods manufacturing (\$2.8 trillion)
3. Finance and insurance (\$2.8 trillion)
4. Health care and social assistance (\$2.4 trillion)
5. Professional, scientific, and technical services (\$2.2 trillion)

Together, these sectors accounted for 46.1 percent (\$13.2 trillion) of overall gross output generated in 2017. Unlike with wages and employment, the top five sectors in terms of gross output changed ranking between 2012 and 2017. Specifically, nondurable goods manufacturing and durable goods manufacturing switched places over the period.

Small enterprises

Small enterprises (less than 100 employees) made up 26.4 percent of total private output in 2017, a decrease of 1.8 percentage points from 2012 (28.2 percent) (chart 5). Within the small size classes, the three sectors with the greatest share of gross output were real estate, rental, and leasing (16.8 percent); professional, scientific, and technical services (12.2 percent); and construction (11.4 percent). The agriculture, forestry, fishing, and hunting (excluding farm) sector had the largest concentration of gross output in the very small (0–9 employees) size class at 56.1 percent (chart 6).

- **Real estate, rental, and leasing** ranked first in the smallest size class (0–9 employees), representing 26 percent of gross output, but ranged between 5th and 10th largest sector in the remaining small size classes in 2017 (table 5).
- **Construction** had the greatest share of gross output in three of the four smallest size classes in 2017. In the small 2 (20–49 employees) size class, construction accounted for 14 percent of total gross output.
- **Professional, scientific, and technical services** ranked second in all four small size classes in 2017. This sector represented 13.6 percent of gross output in the very small (0–9 employees) size class.

Chart 5. Share of Total Gross Output by Size Class

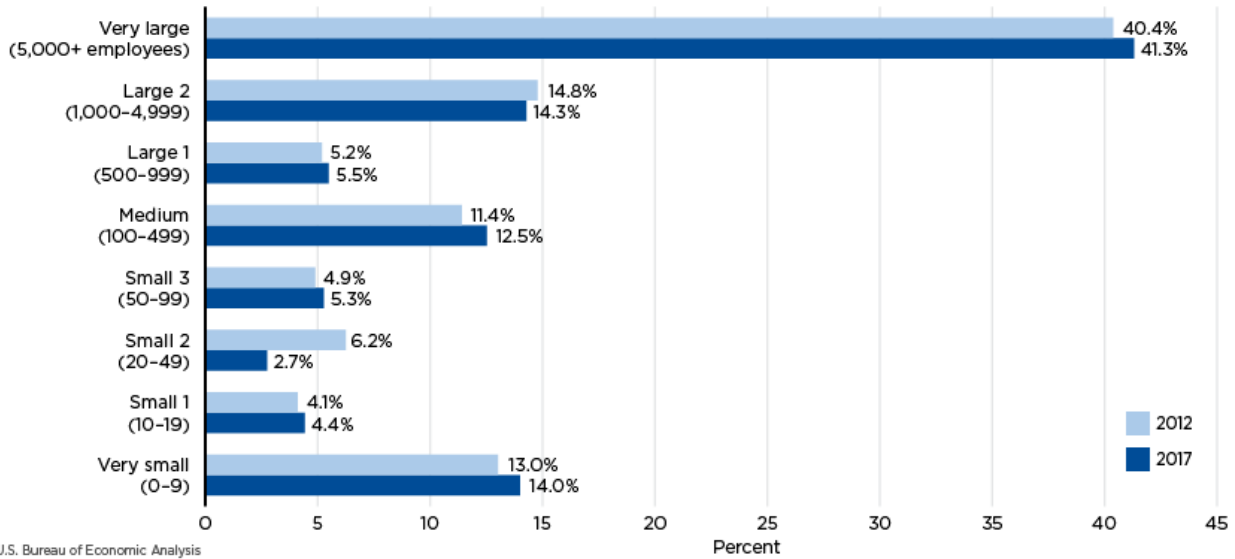


Chart 6. Distribution of Gross Output by Size Class for Sectors, 2017

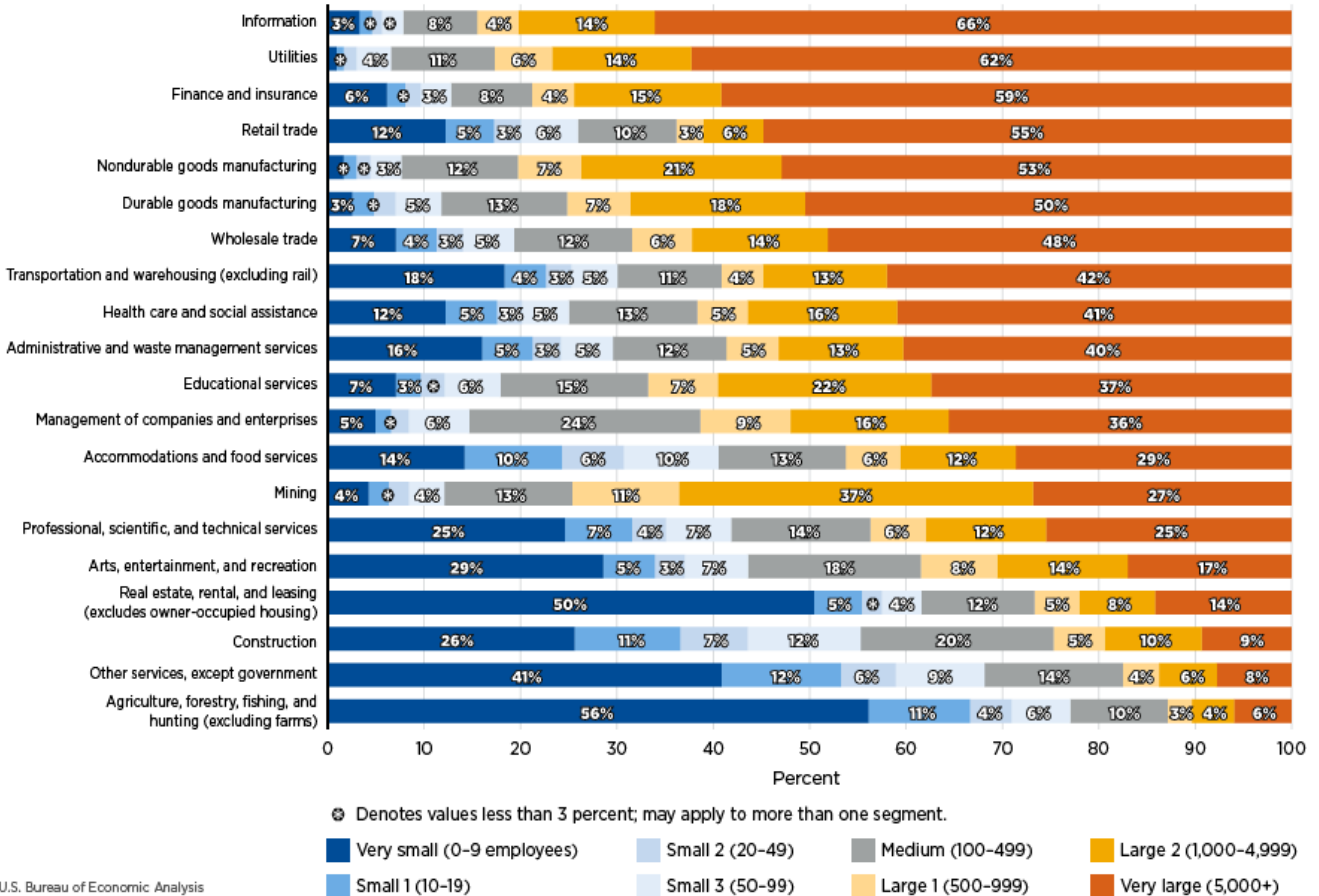


Table 5. Ranking Sectors by Largest Share of Gross Output in Each Enterprise Size Category, 2012 and 2017

Sector	Very small (0-9 employees)		Small 1 (10-19)		Small 2 (20-49)		Small 3 (50-99)		Medium (100-499)		Large 1 (500-999)		Large 2 (1,000-4,999)		Very large (5,000 or more)	
	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017	2012	2017
Agriculture, forestry, fishing, and hunting (excluding farms)	17	16	18	19	20	20	20	20	20	20	20	20	20	20	20	20
Mining	16	19	16	16	15	17	16	19	15	16	10	13	8	8	13	17
Utilities	20	20	19	20	18	19	17	18	19	19	16	16	16	17	10	11
Construction	3	3	2	1	1	1	3	1	7	5	9	8	12	10	17	15
Durable goods manufacturing	13	13	9	9	3	4	1	3	1	1	1	1	2	2	2	3
Nondurable goods manufacturing	14	15	13	13	9	10	5	8	2	2	2	2	1	1	1	2
Wholesale trade	8	11	4	8	5	6	6	7	4	7	6	6	5	6	6	7
Retail trade	6	6	7	6	7	7	7	6	9	9	14	14	15	14	5	6
Transportation and warehousing (excluding rail)	7	7	11	12	12	13	12	13	10	13	11	15	10	11	9	9
Information	15	14	14	14	14	14	14	14	12	12	8	9	7	7	4	4
Finance and insurance	10	8	12	11	11	8	10	9	6	8	5	5	3	3	3	1
Real estate and rental and leasing	1	1	5	5	8	9	9	10	8	6	7	7	9	9	15	13
Professional, scientific, and technical services	2	2	1	2	2	2	2	2	5	3	4	3	6	5	8	8
Management of companies and enterprises	19	17	20	17	19	15	19	15	16	11	15	11	11	15	12	14
Administrative and waste management services	9	9	10	10	13	12	13	12	13	14	12	12	13	12	11	10
Educational services	18	18	17	18	17	18	15	17	18	18	17	18	17	16	16	16
Health care and social assistance	4	4	3	3	4	5	4	4	3	4	3	4	4	4	7	5
Arts, entertainment, and recreation	12	12	15	15	16	16	18	16	17	17	18	17	19	18	19	18
Accommodation and food services	11	10	6	4	6	3	8	5	11	10	13	10	14	13	14	12
Other services, except government	5	5	8	7	10	11	11	11	14	15	19	19	18	19	18	19

Changes in size class ranking between 2012 and 2017

Gross output saw more changes in ranking within size classes than wages or employment. Durable goods manufacturing and nondurable goods manufacturing rankings decreased in almost half of the size classes. Conversely, rankings for construction and accommodation and food services either stayed constant or increased for every size class.

Although many sectors saw movement within the size classes, construction, management of companies and enterprises, and accommodation and food services all had large upward movements in rank within the size classes.

- **Construction** had upward movement in six of the eight size classes, with all but very small (0-9 employees) and small 2 (20-49 employees) increasing in rank. Small 3 (50-99 employees) gained two spots in rank for this sector, putting it first in this size class's ranking. Medium (100-499 employees), large 2 (1,000-4,999 employees), and very large (5,000 or more employees) size classes also gained two spots in rank, moved them to 5th, 10th, and 15th, place respectively. The small 1 (10-19 employees) and large 1 (500-999 employees) size classes moved up one spot each to first and eighth place.
- **Management of companies and enterprises** had the largest increases in rank within size classes. Its rank in the medium (100-499 employees) size class moving up five positions, from 16th to 11th place. This sector also saw an increase in rank for the very small (0-9 employees) and small 1 (10-19 employees) size classes, though it only ranked 17th in both cases.
- **Accommodations and food services** was the only sector to move up in rank within all the size classes. In three of the eight size classes, accommodations and food services moved up three spots: small 2 (20-49 employees), small 3 (50-99 employees), and large 1 (500-999 employees), moving up to 3rd, 5th, and 10th place, respectively. Accommodation and food services saw its share of gross output increase for all classes, ranging from 0.3 percentage point to 1.3 percentage points increase.

Only two sectors saw large downward slides throughout most of the size classes: mining and wholesale trade.

- **Mining's** share in the very large (5,000 or more employees) size class decreased four spots between 2012 and 2017, declining to 17th place. Mining saw three other size classes decrease three spots each: very small (0-9 employees), small 3 (50-99 employees), and large 1 (500-999 employees). Despite the large movements in ranking, mining didn't see large decreases in share percentages across the classes. The largest decrease in share of gross output occurred in the very large (5,000 or more employees) size class which decreased 1.5 percentage points, from 2.6 percent to 1.1 percent, driven mostly by oil and gas extraction.
- **Wholesale trade** decreased in ranking for all but the large 1 (500-999 employees) size class, which did not change over the period. Wholesale trade's share of the small 1 (10-19 employees) size class went down four places in 2017 to eighth, with very small (0-9 employees) and medium (100-499 employees) following with a decrease of three places. The rest of the size classes moved down one spot.

Twelve sectors remained unchanged in their ranking of overall share of gross output between 2012 and 2017. Agriculture, forestry, fishing, and hunting (excluding farms) saw the least amount of movement of all the sectors, with only the two smallest size classes changing rank by one spot.

Summary

These more granular estimates of 2012–2017 gross output, wages, and employment provide a better understanding of the contributions of the smallest and largest businesses to the overall economy compared to BEA’s previous estimates. By disaggregating estimates for businesses with fewer than 20 employees into two size classes (0–9 and 10–19 employees), we see that businesses with 9 or fewer employees generated more than triple the gross output of businesses with 10–19 employees in 2017 (\$4 billion versus \$1.3 billion), much of this driven by the real estate, rental, and leasing and construction sectors. Additionally, we see that the industry distribution of employment for the smallest size class (0–9 employees) differed from the three other small size classes (10–19, 20–49, 50–99). Specifically, the other services, except government sector represented the largest share of employment in the smallest size class, whereas accommodations and food services was the biggest sector for the other small size classes.

Disaggregating the largest size class from a singular size class of 500 or more employees to three separate size classes showed enterprises with 5,000 or more employees garnered by far the largest share of private sector wages, employment, and gross output in 2017 across all size categories, more than one-third of economic activity in each case. As with the small size classes, the major industries in the largest (5,000 or more employees) size class differed from the industries prominent in the other two large size classes (500–999 and 1,000–4,999 employees). For the largest size class, retail trade was the leading sector in terms of share of employment, whereas health care and social assistance sector was the biggest employer in the other two large size classes. The detailed industry data also show that within the health care and social assistance sector, the ambulatory health care services industry was the biggest employer in the 500–999 employee size category, while hospitals led in the 1,000–4,999 employee size class. These examples highlight the need for granular industry and size class data to understand the underlying composition of economic activity within the economy. While the Census SUSB data are available at a finer level of detail than we estimate here, the tradeoff when using detailed data is the increased potential for skewing results due to a higher number of suppressions.

BEA is currently researching other ways to estimate small business statistics including using different size classes, datasets, and business characteristics. Additionally, BEA is investigating the use of private datasets to provide more timely estimates of small business statistics. We invite all interested data users to send feedback about these estimates or suggestions for future research to SmallBusiness@bea.gov.

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1. See [Highfill and Strassner, 2017](#) and [Highfill and others, 2020](#).
 2. See the U.S. Census Bureau SUSB “[About This Program](#)” webpage.
 3. See the [National Income and Product Account handbook](#).



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Chronicling 100 Years of the U.S. Economy

November 2021

Volume 101, Number 11

Regional Quarterly Report

GDP, personal income, and more...

The statistics discussed in this *Regional Quarterly Report* include the following: (1) state gross domestic product (GDP) statistics for 2020, (2) state personal income statistics for 2020, and (3) personal consumption expenditures (PCE) by state statistics for 2020.

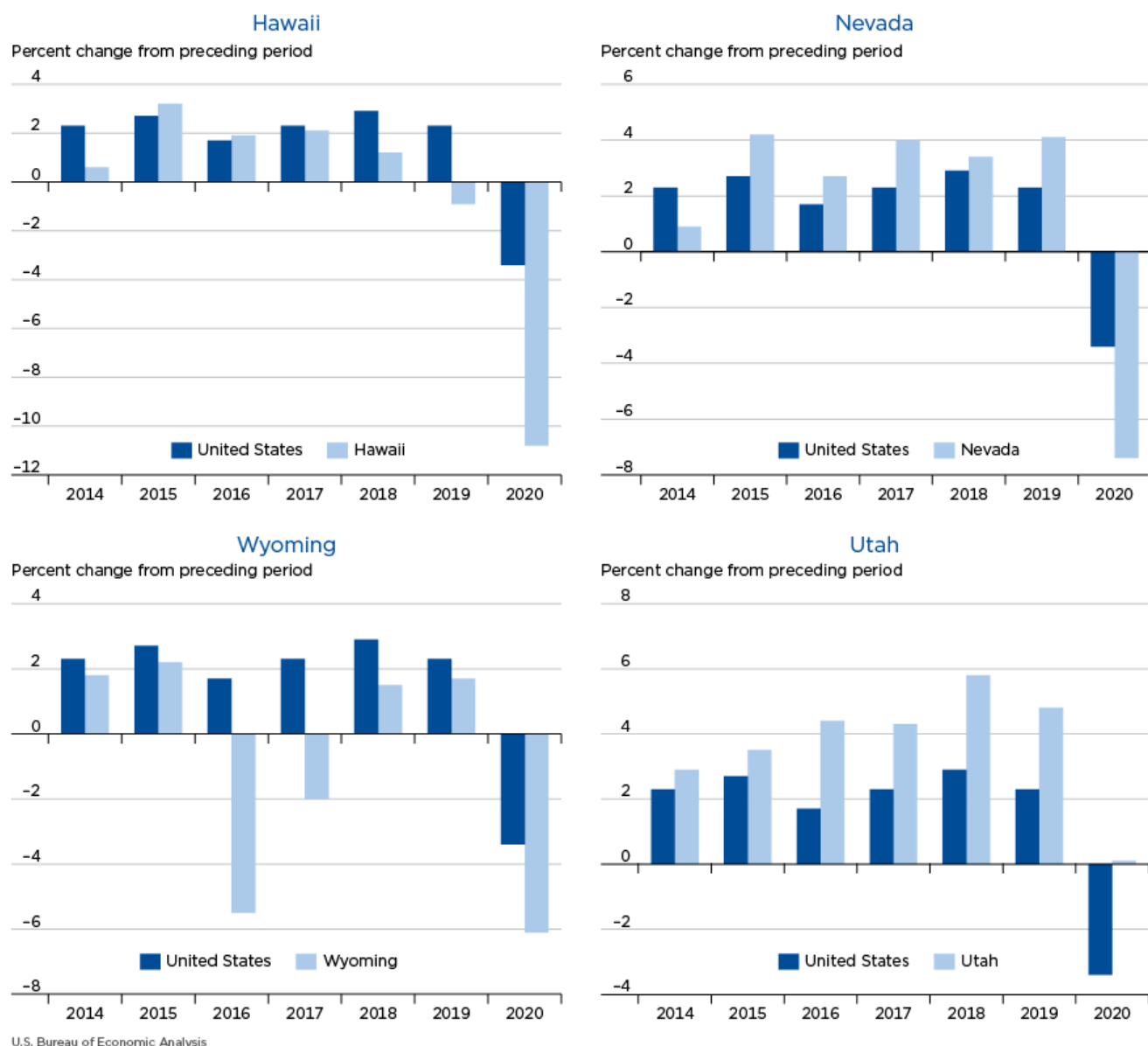
Kyle K. Hood prepared the section on state GDP. Kyle K. Hood and Jeffrey L. Newman prepared the section on state personal income. Kyle K. Hood and Mahsa Gholizadeh prepared the section on PCE by state.

State Gross Domestic Product for 2020

Real gross domestic product (GDP) growth slowed in all states and the District of Columbia in 2020. The largest declines in GDP were in Hawaii (-10.8 percent), Nevada (-7.4 percent), Connecticut (-6.2 percent), Wyoming (-6.1 percent), and Alaska (-6.0 percent). Real GDP decreased in 48 states and the District of Columbia, with only Utah (0.1 percent) and South Dakota (0.1 percent) experiencing positive growth rates (table A).

Chart 1 displays growth in real GDP for the years 2014 to 2020 in four states (Hawaii, Nevada, Wyoming, and Utah) each alongside real GDP growth in the entire United States. Hawaii, which experienced the largest drop in real GDP in 2020, also experienced a decline in 2019, and lagged behind the rest of the country in 2018. In contrast, real GDP growth in Nevada, which was significantly negative in 2020, exceeded that of the United States from 2015 to 2019, with the 2020 decline thus representing a substantial decrease. Real GDP growth in Wyoming has been more volatile, with declines in 2016 and 2017, increases in 2018 and 2019, and an even larger decline in 2020. Finally, Utah, which showed a small uptick in 2020, has grown at a consistently faster rate than the entire United States from 2014 to 2020.

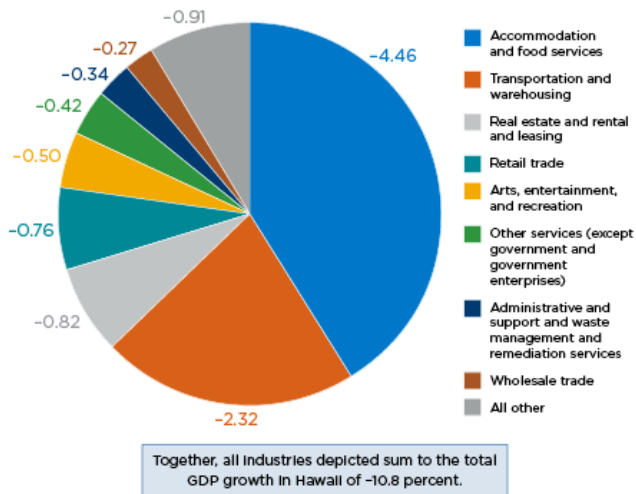
Chart 1. GDP Growth Rates, Selected States



The sources of these declines suggest a substantial impact of the COVID-19 pandemic on different state GDP growth rates. Large declines in expenditures on restaurants, accommodation, and gasoline at the onset of the pandemic¹ corroborate declines in specific service industries between 2019 and 2020.

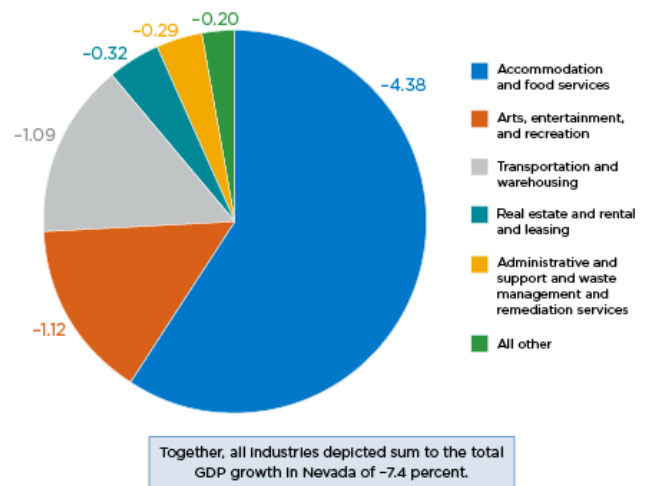
Many of largest declines in GDP at the state level were driven by one or a few industries that are directly linked to pandemic-driven drops in spending at the national level. For example, nearly half of Hawaii's 10.8 percent drop in real GDP was accounted for by accommodation and food services, which contributed a drop of 4.5 percent. Chart 2 shows the top industries contributing to the 2020 decline in Hawaii GDP. This chart suggests that only a few industries drove most of the decline, while the remainder contributed very little to it. Nevada shows a similar pattern, where a drop in accommodation and food services accounted for 4.4 percent of the 7.4 percent decline in real GDP. See chart 3.

Chart 2. Contributions to Hawaii GDP Growth, by Selected Industries



U.S. Bureau of Economic Analysis

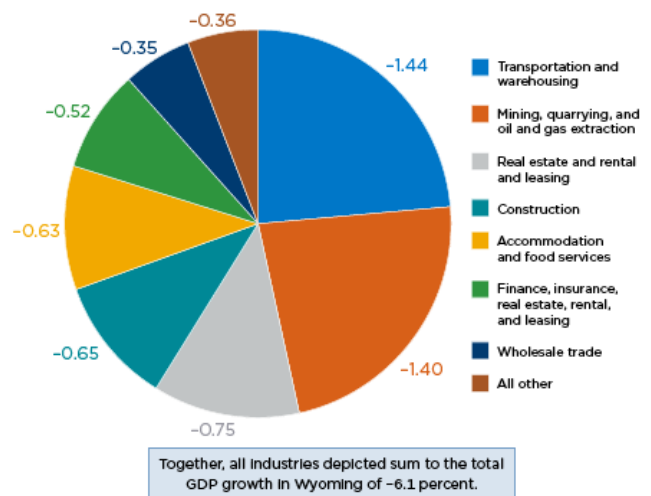
Chart 3. Contributions to Nevada GDP Growth, by Selected Industries



U.S. Bureau of Economic Analysis

The contrasting story of Wyoming's drop in GDP is shown in chart 4. In Wyoming, the largest contributors to the decrease in output were transportation and warehousing (including pipeline transportation) and mining, quarrying, and oil and gas extraction. These industries also substantially contributed to the large declines in real GDP in Alaska, Louisiana, and Oklahoma. These declines correlate with a large and sustained reduction in demand for gasoline at the outset of the COVID-19 pandemic. In contrast to Hawaii and Nevada, accommodation and food services accounts for only 0.63 percent of the drop in Wyoming's GDP, as it makes up a substantially smaller part of Wyoming's economy.

Chart 4. Contributions to Wyoming GDP Growth, by Selected Industries



U.S. Bureau of Economic Analysis

Value added by industry

While the largest declines at the state level correlate with the direct impacts of the COVID-19 pandemic on consumer spending, decelerations or declines at the national level were broadly shared across many industries.

Table B shows real GDP by industry at the national level. In 2020, GDP fell in 43 of the 65 industries and decelerated in 50 of 65 industries. Eight industries experienced declines of above 20 percent: air transportation (-51.4 percent); support activities for mining (-45.2 percent); performing arts, spectator sports, museums, and related activities (-39.6 percent); accommodation (-32.8 percent); amusement, gambling, and recreation industries (-28.9 percent); transit and ground passenger transportation (-27.8 percent); food services and drinking places (-26.0 percent); and other transportation equipment manufacturing (-22.9 percent). In contrast, there were increases in GDP of at least 10 percent in only three industries, with none exceeding 20 percent.

Pandemic-related production declines have been linked to global supply chain disruptions, affecting industries that use imported products (inputs and final goods), and industries that export their output.² These disruptions could have affected many industries including wholesale and retail trade and manufacturing. However, while there were declines in the output of the wholesale and retail trade industries, declines in GDP were not shared by all manufacturing industries. In 6 of the 19 manufacturing industries in table B, GDP growth accelerated, while in 12 manufacturing industries, GDP fell.

2020 annual update

Each fall, BEA typically revises the preliminary estimates of annual GDP by state released in the spring in order to incorporate the results of the annual updates of the National Income and Product Accounts (NIPAs),³ the GDP by industry statistics, the state personal income statistics, and to incorporate state source data that are more complete and more detailed than those previously available. This year, the annual estimates from 1997 to 2020 were revised. The newly available and revised source data, which became available after last year's annual update, include the following:

- U.S. Census Bureau, Economic Census for 2017 (construction, manufacturing, and mining industries only; service-related industries were incorporated in 2020)
- U.S. Census Bureau Census American Community Survey, 1-year PUMS file (2001–2019)
- U.S. Census Bureau, Annual Survey of State and Local Government Finances for fiscal years 2016–2018 (revised) and 2019 (new)
- Energy Information Administration, gas and electricity consumption for 2019 (revised) and 2020 (new)
- Energy Information Administration, oil, gas production and prices, and coal reports for 2019 (revised) and 2020 (new)
- Federal Deposit Insurance Corporation, branch office deposits for 2020 (new)
- Federal Home Loan Bank Board, income and expenses for 2020 (new)
- Federal Reserve Banks, income and expenses for 2020 (new)
- National Association of Insurance Commissioners, premiums and losses for 2020 (new)
- National Science Foundation, Business Research and Development Survey for 2019 (new)
- U.S. Department of Agriculture, Economic Research Service, farm income and expenses for 2016–2019 (revised) and 2020 (new)
- U.S. Department of Transportation, Bureau of Transportation Statistics, transportation finance, passengers, and freight for 2020 (new)
- U.S. Geological Survey, mineral resources for 2020 (new)
- BEA, compensation of employees, proprietors' income, and rental income from state personal income for 2016–2019 (revised) and 2020 (new)

Table A. Gross Domestic Product (GDP) by State and the District of Columbia, 2019–2020
 [Percent change]

Region	Current dollars		Quantity index for real GDP	
	2019	2020	2019	2020
United States	4.1	-2.2	2.3	-3.4
Alabama	3.2	-1.8	1.3	-3.2
Alaska	-0.3	-8.7	0.2	-6.0
Arizona	5.7	1.0	3.3	-1.0
Arkansas	2.8	-0.1	0.7	-1.6
California	5.4	-1.5	3.6	-2.8
Colorado	5.6	-2.5	4.2	-3.0
Connecticut	2.6	-4.1	0.6	-6.2
Delaware	6.3	-1.6	4.1	-3.4
District of Columbia	3.3	0.1	0.9	-2.1
Florida	5.5	-0.9	3.0	-2.8
Georgia	5.9	-2.4	3.5	-3.9
Hawaii	1.7	-9.7	-0.9	-10.8
Idaho	6.4	1.7	4.0	-0.3
Illinois	2.6	-3.6	0.5	-5.1
Indiana	2.0	-1.5	0.4	-2.5
Iowa	2.1	0.0	0.0	-2.0
Kansas	2.6	-0.9	0.8	-2.1
Kentucky	3.8	-1.6	1.7	-3.0
Louisiana	-0.5	-7.5	-0.1	-5.8
Maine	4.5	1.2	2.2	-1.1
Maryland	2.6	-2.6	0.3	-4.5
Massachusetts	5.2	-1.8	2.9	-3.7
Michigan	2.0	-3.1	-0.1	-4.6
Minnesota	2.6	-2.4	0.5	-4.0
Mississippi	2.1	-0.8	0.4	-1.8
Missouri	4.0	-0.9	1.7	-2.8
Montana	1.7	-0.5	0.4	-1.3
Nebraska	3.5	1.6	1.2	-0.5
Nevada	6.7	-5.9	4.1	-7.4
New Hampshire	4.4	0.1	2.1	-2.1
New Jersey	4.2	-3.3	2.1	-4.6
New Mexico	4.8	-3.4	4.3	-2.3
New York	4.9	-3.0	2.5	-5.0
North Carolina	4.5	-1.0	2.1	-2.9
North Dakota	-0.1	-7.0	0.6	-3.0
Ohio	3.9	-2.3	2.0	-3.5
Oklahoma	0.6	-7.7	1.7	-4.9
Oregon	4.0	-1.2	2.0	-3.0
Pennsylvania	3.5	-3.5	1.7	-4.5
Rhode Island	3.7	-1.2	1.4	-3.4
South Carolina	4.7	0.1	2.3	-1.9
South Dakota	2.9	1.6	0.4	0.1
Tennessee	4.3	-1.9	2.0	-3.9
Texas	3.0	-4.7	3.2	-2.9
Utah	6.8	1.3	4.8	0.1
Vermont	3.3	-2.0	1.0	-4.2
Virginia	4.2	-0.9	2.0	-2.8
Washington	5.9	1.1	3.9	-0.6
West Virginia	0.1	-4.2	-0.8	-3.9
Wisconsin	3.8	-2.0	1.5	-4.0
Wyoming	1.5	-8.3	1.7	-6.1

Table B. U.S. Real Gross Domestic Product by Industry, 2019–2020

Industry	Percent change		Contribution to percent change		Change (millions of 2012 chained dollars)	
	2019	2020	2019	2020	2019	2020
All industry total	2.3	-3.4	2.30	-3.40	425,885	-647,985
Farms	-8.6	18.7	-0.06	0.10	-17,436	34,832
Forestry, fishing, and related activities	2.5	0.2	0.00	0.00	855	59
Oil and gas extraction	20.4	2.7	0.17	0.01	67,629	10,713
Mining (except oil and gas)	1.9	-7.1	0.01	-0.02	1,186	-4,578
Support activities for mining	-4.5	-45.2	-0.01	-0.11	-2,771	-26,337
Utilities	1.2	4.2	0.02	0.06	3,446	12,006
Construction	1.4	-3.6	0.06	-0.15	9,057	-24,307
Wood product manufacturing	7.0	-3.6	0.01	-0.01	1,941	-1,070
Nonmetallic mineral product manufacturing	1.2	-0.6	0.00	0.00	600	-317
Primary metal manufacturing	9.5	14.2	0.03	0.04	6,903	11,353
Fabricated metal product manufacturing	-0.5	-12.9	0.00	-0.10	-755	-18,267
Machinery manufacturing	-1.4	-8.8	-0.01	-0.07	-1,978	-12,310
Computer and electronic product manufacturing	1.3	3.0	0.02	0.04	4,447	10,273
Electrical equipment, appliance, and component manufacturing	-4.0	-2.3	-0.01	-0.01	-2,475	-1,333
Motor vehicles, bodies and trailers, and parts manufacturing	1.1	-2.2	0.01	-0.02	1,486	-3,149
Other transportation equipment manufacturing	2.4	-22.9	0.02	-0.18	3,547	-34,040
Furniture and related product manufacturing	-2.0	-6.1	0.00	-0.01	-575	-1,740
Miscellaneous manufacturing	-2.3	0.7	-0.01	0.00	-2,058	593
Food and beverage and tobacco product manufacturing	2.3	-2.5	0.03	-0.03	5,662	-6,366
Textile mills and textile product mills	-0.5	-9.0	0.00	-0.01	-85	-1,454
Apparel, leather, and allied product manufacturing	-2.7	5.2	0.00	0.00	-225	424
Paper manufacturing	1.1	6.0	0.00	0.02	580	3,113
Printing and related support activities	-3.3	-6.0	-0.01	-0.01	-1,279	-2,260
Petroleum and coal products manufacturing	8.8	0.7	0.07	0.00	19,822	1,802
Chemical manufacturing	3.2	1.5	0.06	0.03	9,964	4,965
Plastics and rubber products manufacturing	-1.1	-3.9	0.00	-0.02	-887	-3,030
Wholesale trade	-0.5	-1.9	-0.03	-0.11	-5,191	-20,776
Retail trade	2.5	-2.9	0.14	-0.16	27,355	-32,405
Air transportation	1.6	-51.4	0.01	-0.32	1,945	-62,971
Rail transportation	-9.0	-15.3	-0.02	-0.03	-3,548	-5,474
Water transportation	-2.0	5.2	0.00	0.00	-186	477
Truck transportation	-0.5	-3.4	0.00	-0.03	-646	-4,646
Transit and ground passenger transportation	14.0	-27.8	0.03	-0.07	6,089	-13,838
Pipeline transportation	-10.8	-9.0	-0.02	-0.02	-3,989	-2,996
Other transportation and support activities	4.0	3.6	0.02	0.02	4,135	3,867
Warehousing and storage	11.2	6.2	0.04	0.02	7,731	4,781
Publishing industries (except internet)	7.4	9.6	0.10	0.13	21,413	29,795
Motion picture and sound recording industries	1.9	-17.1	0.01	-0.07	1,655	-15,304
Broadcasting (except internet) and telecommunications	2.3	-0.6	0.05	-0.01	12,020	-3,500
Data processing, hosting, and other information services	17.1	10.2	0.20	0.14	45,428	31,574
Monetary authorities—central bank, credit intermediation, and related services	0.4	7.3	0.01	0.25	1,824	31,733
Securities, commodity contracts, and other financial investments and related activities	3.0	-1.7	0.05	-0.03	6,442	-3,767
Insurance carriers and related activities	3.6	0.7	0.10	0.02	19,552	3,975
Funds, trusts, and other financial vehicles	-20.1	-2.6	-0.03	0.00	-5,186	-529
Real estate	1.4	-0.4	0.16	-0.05	28,601	-9,035
Rental and leasing services and lessors of nonfinancial intangible assets	9.5	-10.0	0.11	-0.12	23,623	-27,118
Legal services	0.9	-6.1	0.01	-0.08	1,866	-13,299
Computer systems design and related services	5.3	0.2	0.09	0.00	20,561	642
Miscellaneous professional, scientific, and technical services	5.0	-1.5	0.23	-0.07	43,590	-13,320
Management of companies and enterprises	7.1	1.5	0.13	0.03	28,854	6,317
Administrative and support services	3.9	-5.8	0.11	-0.17	20,210	-30,923
Waste management and remediation services	-0.3	-5.2	0.00	-0.01	-130	-2,427
Educational services	2.8	-11.3	0.04	-0.15	6,165	-25,830
Ambulatory health care services	4.5	-6.9	0.16	-0.25	32,369	-52,244
Hospitals	1.0	-2.5	0.02	-0.06	4,244	-10,751
Nursing and residential care facilities	-0.7	-6.4	0.00	-0.05	-867	-8,334
Social assistance	4.8	-7.9	0.03	-0.05	5,313	-9,220
Performing arts, spectator sports, museums, and related activities	2.9	-39.6	0.02	-0.27	3,437	-48,718
Amusement, gambling, and recreation industries	1.7	-28.9	0.01	-0.13	1,381	-23,498
Accommodation	2.1	-32.8	0.02	-0.27	3,066	-48,465
Food services and drinking places	1.8	-26.0	0.04	-0.61	6,696	-99,538
Other services (except government and government enterprises)	0.0	-12.4	0.00	-0.27	24	-45,866
Federal civilian	0.5	3.3	0.01	0.08	2,312	14,186
Military	0.9	2.1	0.01	0.03	2,540	6,062
State and local	0.6	-2.6	0.05	-0.22	8,442	-39,277

State Personal Income for 2020

Personal income grew in every state and the District of Columbia in 2020, and accelerated in all states except Alaska, Oklahoma, and Wyoming (tables C and E). Personal income growth across states ranged from 10.3 percent in Arizona to 1.7 percent in Wyoming. Substantial growth in personal current transfer receipts was the leading contributor to personal income growth across all states and the District of Columbia.

Personal current transfer receipts were the category affected the most by policy responses to the pandemic. These policies included various increases and extensions of unemployment benefits, an increase in Medicare reimbursement rates, economic income payments, and other programs.⁴ Personal current transfer receipts increased in all states and the District of Columbia in 2020, with states experiencing a range of growth from 18.2 percent in Alaska to 52.6 percent in Hawaii. For the United States, personal current transfer receipts increased 35.1 percent in 2020 (\$1.1 trillion), up from 5.5 percent in 2019. Of the \$1.1 trillion increase in personal current transfer receipts, \$394.7 billion is attributable to various unemployment insurance programs created in response to the COVID-19 pandemic, and \$274.7 billion to economic impact payments. In all, the various components of transfer payments associated with the policy response to the COVID-19 pandemic constitute \$819.0 billion of the \$1.1 trillion increase in transfer payments.

Property income (dividends, interest, and rent) decreased 1.1 percent in 2020, down from a 3.1 percent increase in 2019. Dividend, interest, and rent also declined in 47 states and the District of Columbia.

Compensation of employees, the largest component of personal income, grew 1.0 percent in the United States in 2020, down from 4.5 percent in 2019. The percent change in compensation across states ranged from 6.5 percent in Idaho to -5.7 percent in Hawaii. In terms of growth rates, compensation of employees decelerated in all states except Idaho and in the District of Columbia in 2020, and showed a decline in 15 states.

Many of the state-level changes in compensation correspond with the effects of the COVID-19 pandemic on businesses, and on the policy response to the COVID-19 pandemic. In April 2020 (immediately following the March 2020 pandemic declaration), the unemployment rate peaked at 14.8 percent, up from 3.5 percent in February, indicating substantial job losses.⁵ These job losses were concentrated in certain industries, leading to different impacts on compensation of employees across industries. Because state industry compositions vary, this effected variation in state-level employee compensation growth rates.

Table D shows the annual percentage change in compensation by industry in the entire United States for the years 2017 to 2020. These data reveal historically large drops in compensation in 2020 for mining industries (oil and gas extraction, mining (except oil and gas), and support activities for mining); many durable goods manufacturing industries (fabricated metal product manufacturing; machinery manufacturing; motor vehicles, bodies and trailers, and parts manufacturing; other transportation equipment manufacturing; and furniture and related product manufacturing); certain transportation industries (air transportation and pipeline transportation showing the largest declines); motion picture and sound recording industries; arts, entertainment, and recreation industries (performing arts, spectator sports, and related industries; museums, historical sites, and similar institutions; and amusement, gambling, and recreation industries); and accommodation and foods services industries. In Wyoming, which experienced the smallest percent increase in personal income in 2020, compensation is heavily concentrated in mining, quarrying, and oil and gas extraction (12.1 percent of total compensation in 2019), pipeline transportation (5.5 percent of total compensation in 2019), and the accommodation industry (2.5 percent of total compensation in 2019). In contrast, Arizona experienced the largest percent increase in personal income in 2020, and its compensation is not concentrated in

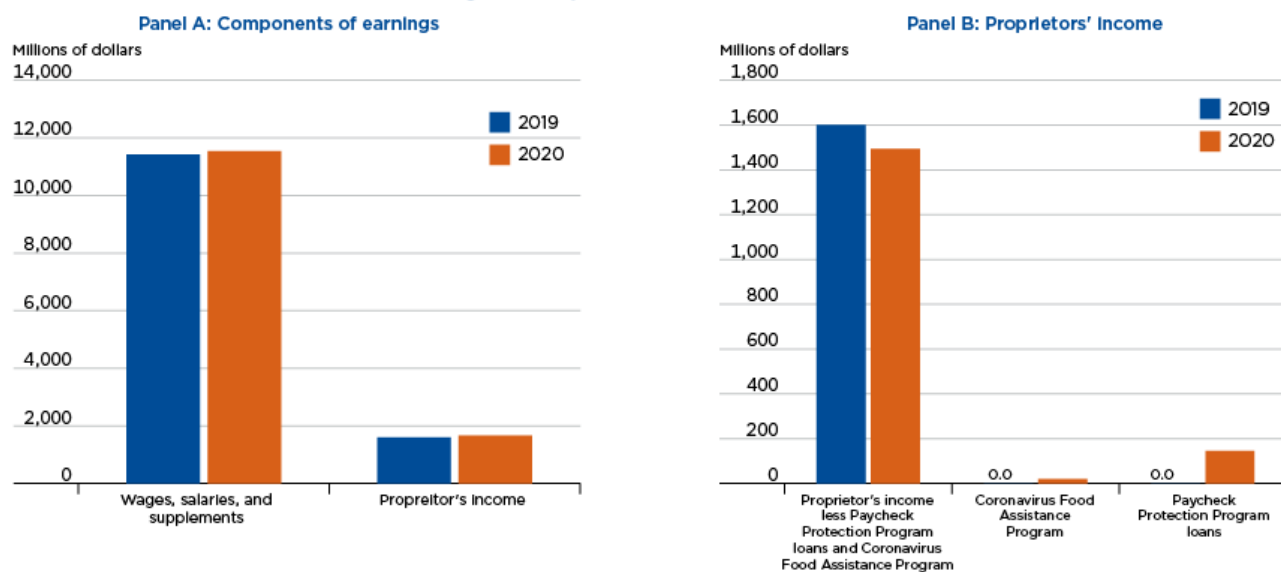
mining, quarrying, and oil and gas extraction (0.7 percent of total compensation in 2019), pipeline transportation (0.0 percent of total compensation in 2019), or accommodation (0.9 percent of total compensation in 2019). Large declines in compensation in these major industries in Wyoming thus contributed to a drop in compensation of 3.2 percent in 2020, while compensation in Arizona increased 4.7 percent over the same period.

Earnings are comprised of compensation (wages and salaries and supplements to wages and salaries) and proprietors' income. Proprietors' income, which represents the income earned from current production by unincorporated businesses that is received by persons, grew 3.7 percent for the United States in 2020, up from 1.4 percent growth in 2019. U.S. farm proprietors' income rose 97.6 percent (\$39.2 billion) in 2020 after increasing 8.7 percent (\$3.2 billion) in 2019. \$20.4 billion of the \$39.2 billion increase in U.S. farm proprietors' income is attributable to the Coronavirus Food Assistance Program⁶ and \$4.4 billion is attributable to Paycheck Protection Program (PPP) loans to businesses.⁷ U.S. nonfarm proprietors' income grew 1.2 percent in 2020 (\$19.4 billion), the same rate as in 2019. However, \$140.9 billion of the change in U.S. nonfarm proprietors' income in 2020 was associated with PPP loans to businesses. Without PPP loans, proprietors' income decreased by \$121.5 billion.

Industry-level compensation changes discussed above explain some variation in earnings. However, the proprietors' income component also explains some variation. As noted above, proprietors' income was impacted by two coronavirus assistance programs: The Coronavirus Food Assistance Program and PPP loans to businesses. Charts 5–7 show a breakdown of earnings in 2019 and 2020 for the entire United States, and for the states of Arizona and Wyoming. Panel A shows the two components of earnings: Compensation (wages, salaries, and supplements to wages and salaries) and proprietors' income. Panel B shows a further decomposition of proprietors' income into the contributions from the Coronavirus Food Assistance Program, from PPP loans to businesses, and from all other sources.

For the entire United States (chart 5), there was a small increase in compensation and in proprietors' income between 2019 and 2020. The small increase in proprietors' income can be explained by income from PPP loans of \$145.3 billion and by \$20.4 billion from the Coronavirus Food Assistance Program; netting out these sources, proprietors' income decreased by \$107.1 billion. The effects of these two programs compare with an increase in personal current transfer receipts of \$1.1 trillion.

Chart 5. Effects of Selected Federal Pandemic Response Programs on Personal Income by State, 2020: United States



U.S. Bureau of Economic Analysis

Arizona, which saw the largest increase in personal income among all states, is shown in chart 6. In Arizona, compensation increased by \$9.6 billion, while proprietors' income increased \$2.1 billion. Panel B shows that PPP loans contributed an increase of \$3.0 billion to proprietors' income, while the Coronavirus Food Assistance Program added \$0.1 billion; netting out these sources, Arizona's proprietors' income decreased \$1.1 billion. These compare to an increase in personal current transfer receipts of \$24.2 billion.

Chart 6. Effects of Selected Federal Pandemic Response Programs on Personal Income by State, 2020: Arizona

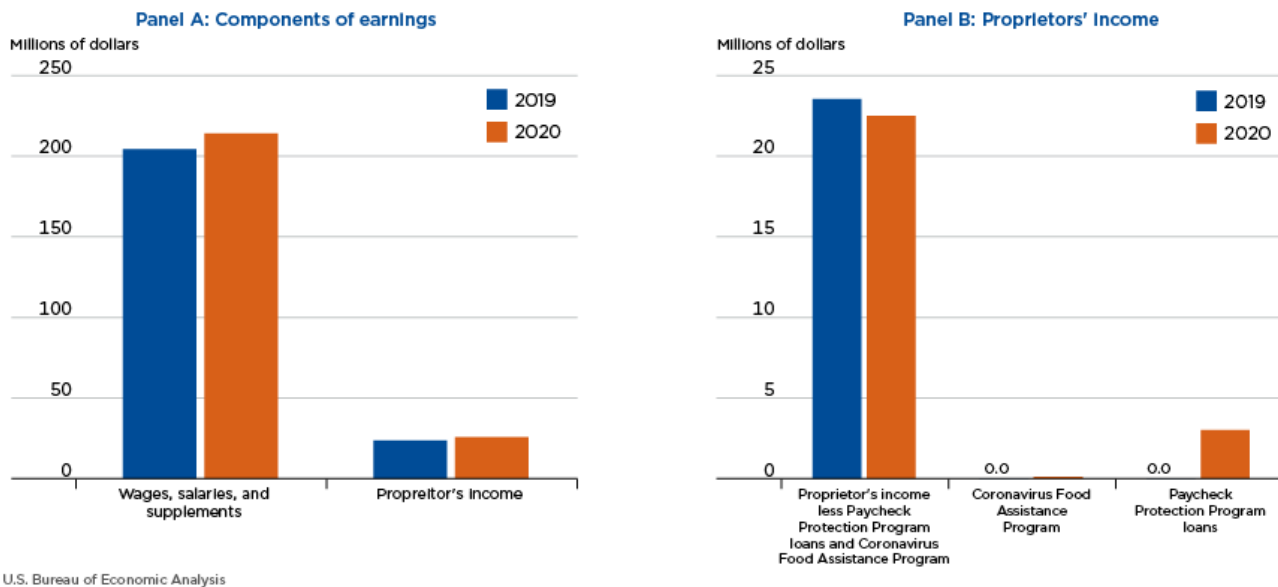
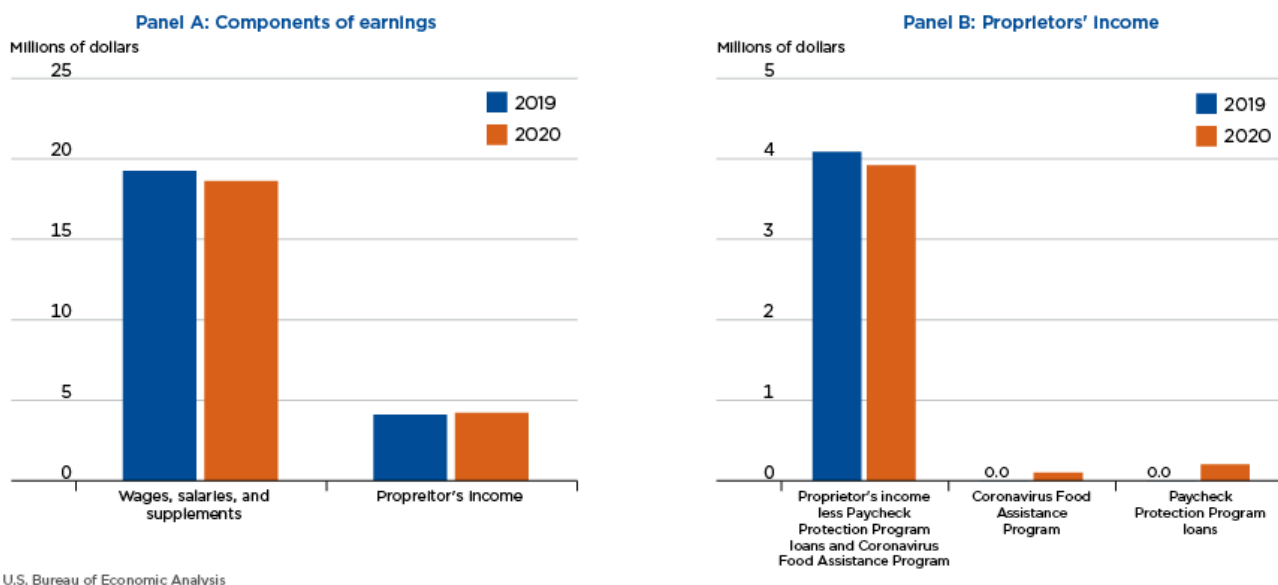


Chart 7 shows the same breakdown of earnings for Wyoming. The most noticeable contrast to Arizona is the decrease in compensation of \$0.6 billion. Proprietors' income increased by \$0.1 billion. Panel B shows that PPP loans contributed an increase of \$0.2 billion to proprietors' income, while the Coronavirus Food Assistance Program added \$0.1 billion; netting out these sources, Wyoming's proprietors' income decreased \$0.2 billion. These compare to an increase in personal current transfer receipts of \$1.4 billion.

Chart 7. Effects of Selected Federal Pandemic Response Programs on Personal Income by State, 2020: Wyoming



Arizona and Wyoming are examples of a larger trend across states and the District of Columbia. Compensation increased in some states and decreased in others based on industry composition, but generally slowed from 2019. Netting out COVID-19 programs, proprietors' income also decreased from 2019, but this slowdown was more than made up for by the Coronavirus Food Assistance Program and the Paycheck Protection Program, each of which had a positive but relatively small effect on income in most states and the District of Columbia. In contrast, the increase in current transfer receipts was large relative to income: The increase in current transfer receipts between 2019 and 2020 in Wyoming was equal to about 4 percent of 2019 personal income, while in Arizona, it equaled more than 7 percent of 2019 personal income. In addition, because many of the various programs enacted in the wake of the COVID-19 pandemic did not link payments to changes in compensation or other sources of income, they did not serve to offset losses in income from these other sources. Thus, a significant proportion of the variation in changes in personal income across states and the District of Columbia in 2020 is attributable to a combination of industry-specific decreases in earnings and variation in changes in personal current transfer receipts.

Table C. Percent Change in Personal Income and Select Components by State and the District of Columbia, 2019–2020

Region	2019						2020					
	Personal income	Compensation of employees	Proprietors' income with IVA and CCAdj	Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance	Personal income	Compensation of employees	Proprietors' income with IVA and CCAdj	Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance
United States	4.1	4.5	1.4	3.1	5.5	4.5	6.6	1.0	3.7	-1.0	35.1	2.7
Alabama	4.3	4.4	-1.2	4.2	5.2	2.6	5.9	2.2	1.5	-1.4	23.1	5.5
Alaska	2.7	2.9	-4.5	2.7	5.4	3.2	2.5	-1.1	4.8	-1.9	18.2	-0.2
Arizona	5.8	5.8	8.0	4.0	7.1	6.7	10.3	4.7	8.9	1.0	36.2	6.8
Arkansas	3.4	3.6	-2.4	2.5	5.4	3.8	5.8	2.5	2.4	-1.6	22.4	7.3
California	4.6	5.4	1.0	3.0	6.5	5.8	8.6	2.8	2.1	-0.5	47.3	2.8
Colorado	5.6	6.8	2.7	4.0	5.3	6.4	5.7	2.1	2.9	-1.0	35.0	2.9
Connecticut	2.3	2.4	-4.0	1.9	2.4	2.8	3.5	-0.1	-0.7	-2.2	32.2	0.8
Delaware	2.4	3.9	-17.1	1.3	6.0	3.0	5.4	0.4	-2.5	-1.1	24.4	3.5
District of Columbia	1.2	2.9	-14.6	-0.8	6.0	2.3	7.8	1.6	7.9	-2.1	47.7	1.0
Florida	4.8	5.4	1.5	4.1	6.0	6.2	6.2	1.6	11.1	-0.2	26.3	4.7
Georgia	5.1	4.7	9.7	4.0	5.2	5.1	7.0	1.6	3.5	-1.3	37.4	3.7
Hawaii	3.1	2.6	6.3	2.9	4.3	4.7	5.1	-5.7	1.3	-1.1	52.6	-4.3
Idaho	6.7	5.5	16.5	4.1	7.5	5.4	8.9	6.5	8.6	-0.1	27.5	10.0
Illinois	2.8	2.7	3.6	2.4	4.0	3.5	5.8	-0.5	7.9	-1.7	40.2	1.0
Indiana	4.1	3.0	8.4	3.0	5.9	4.7	6.4	0.9	7.1	-1.2	28.9	4.8
Iowa	2.3	2.5	-7.3	3.1	5.9	3.6	6.0	1.6	5.2	-1.7	28.1	4.6
Kansas	4.0	3.6	5.6	2.9	6.0	4.2	5.5	1.5	6.6	-1.7	29.0	3.8
Kentucky	4.2	3.7	9.5	3.0	4.2	2.0	8.0	0.9	5.4	-0.6	32.5	5.7
Louisiana	3.2	2.1	4.5	3.4	4.9	2.0	6.4	-2.3	12.4	-1.8	32.2	2.3
Maine	4.2	4.7	3.7	1.7	5.1	4.3	7.9	2.9	3.4	-1.0	29.3	5.0
Maryland	2.5	3.4	-11.1	2.2	4.8	3.2	6.1	1.5	4.6	-1.0	35.3	1.4
Massachusetts	4.2	5.0	7.3	2.7	2.8	5.7	6.8	0.7	-1.0	-0.9	46.1	0.7
Michigan	3.3	2.5	3.5	3.0	5.6	2.9	7.9	-2.0	7.8	-0.7	41.3	-0.3
Minnesota	3.1	3.4	-2.5	3.1	4.7	3.8	6.5	0.0	20.7	-1.8	34.2	1.9
Mississippi	3.1	2.9	2.9	1.8	4.6	2.8	7.4	1.8	2.5	-1.6	26.4	5.6
Missouri	3.8	4.0	3.9	3.2	4.3	3.8	5.8	1.0	9.5	-1.2	25.3	4.8
Montana	5.1	3.9	11.0	4.1	6.2	2.6	7.5	3.8	9.6	-1.1	29.2	7.2
Nebraska	3.2	3.6	-2.5	3.3	5.5	3.7	6.8	2.3	18.4	-1.3	26.9	5.8
Nevada	6.1	5.6	17.2	4.1	6.9	7.8	6.1	-2.9	-1.3	-1.2	48.0	0.9
New Hampshire	4.4	4.1	9.9	1.4	4.0	4.9	5.6	2.9	-2.2	-0.3	32.6	3.4
New Jersey	3.7	3.8	2.1	1.8	4.4	3.7	5.4	0.2	3.0	-0.7	38.5	1.0
New Mexico	4.6	4.9	9.9	2.1	4.4	4.9	7.8	-0.1	7.1	-2.0	32.9	2.7
New York	3.4	4.3	-3.9	2.6	7.2	4.0	5.8	-1.2	-1.5	-1.4	40.3	-0.7
North Carolina	5.3	5.1	8.8	4.1	5.5	5.4	6.5	2.6	2.1	-0.3	27.1	4.8
North Dakota	3.7	4.1	3.0	1.9	5.6	2.8	6.0	-3.5	37.3	-4.6	34.9	0.9
Ohio	3.1	3.5	-2.9	2.9	4.6	3.9	6.8	0.4	9.0	-1.5	33.0	2.6
Oklahoma	4.8	3.7	9.1	3.2	6.6	3.8	3.8	-0.8	-1.4	-2.4	26.2	2.2
Oregon	4.6	4.9	1.8	3.9	5.7	4.9	8.0	2.2	7.1	-0.1	33.4	3.4
Pennsylvania	2.9	4.1	-4.4	2.7	3.8	3.2	7.0	-0.6	1.0	-0.6	37.2	0.3
Rhode Island	4.4	3.1	6.8	1.9	5.0	3.3	7.3	0.5	3.7	-0.7	35.1	0.9
South Carolina	5.3	5.0	6.0	5.2	6.3	5.0	6.9	0.8	6.6	1.3	25.6	2.4
South Dakota	5.5	4.5	11.4	3.9	5.9	5.1	9.0	4.3	25.9	-2.2	26.7	10.0
Tennessee	4.6	4.1	7.4	2.5	5.9	4.3	5.0	2.2	-5.8	-0.8	25.3	5.5
Texas	4.1	5.6	-2.5	3.2	5.4	4.5	4.8	0.4	-0.2	-2.0	35.2	2.5
Utah	7.5	6.7	13.7	7.2	8.2	7.1	7.8	5.9	6.6	0.9	30.6	7.6
Vermont	3.4	2.9	8.6	0.7	4.5	1.6	6.7	-0.2	1.3	-0.9	34.2	2.1
Virginia	3.6	4.1	7.0	1.6	5.9	4.2	5.9	2.6	3.7	-1.8	33.3	3.7
Washington	5.6	6.5	1.7	3.6	6.1	4.1	7.6	3.6	8.2	-0.3	34.9	4.1
West Virginia	2.0	0.3	2.1	1.9	3.1	-0.3	5.2	-2.9	6.1	-3.1	23.4	2.8
Wisconsin	3.5	3.4	3.3	3.1	4.8	4.0	5.2	0.4	11.2	-0.8	26.5	3.0
Wyoming	2.1	3.9	-0.1	-1.1	5.1	4.2	1.7	-3.2	3.2	-3.4	28.5	-0.5

CCAdj Capital consumption adjustment
IVA Inventory valuation adjustment

Table D. Compensation of Employees by Industry, United States, 2017-2020
[Percent growth rates]

Description	2017	2018	2019	2020
Farm compensation	6.3	-7.9	0.7	1.5
Forestry and logging	-4.3	4.2	-0.8	9.3
Fishing, hunting, and trapping	5.7	7.8	-1.6	1.9
Support activities for agriculture and forestry	4.1	5.6	4.0	10.4
Oil and gas extraction	-13.1	1.9	3.2	-8.0
Mining (except oil and gas)	7.6	7.9	0.0	-7.5
Support activities for mining	22.8	19.8	1.3	-31.4
Utilities	0.2	3.6	4.1	6.6
Construction of buildings	7.3	7.3	6.6	-0.2
Heavy and civil engineering construction	8.1	8.1	7.0	-0.3
Specialty trade contractors	6.7	7.0	7.2	-0.3
Wood product manufacturing	5.7	5.7	4.8	3.9
Nonmetallic mineral product manufacturing	5.2	4.3	3.5	-0.3
Primary metal manufacturing	4.5	7.0	1.0	-7.7
Fabricated metal product manufacturing	3.9	6.0	1.5	-4.4
Machinery manufacturing	4.4	6.0	1.4	-4.9
Computer and electronic product manufacturing	5.6	4.9	1.9	5.8
Electrical equipment, appliance, and component manufacturing	4.3	3.2	2.0	0.3
Motor vehicles, bodies and trailers, and parts manufacturing	4.1	5.9	0.8	-7.8
Other transportation equipment manufacturing	2.0	6.2	4.8	-2.1
Furniture and related product manufacturing	4.7	2.8	-0.9	-2.2
Miscellaneous manufacturing	4.0	4.8	2.7	-2.0
Food manufacturing	5.4	3.5	2.0	5.6
Beverage and tobacco product manufacturing	5.6	3.6	4.1	2.0
Textile mills	1.9	1.7	-2.1	-8.0
Textile product mills	2.5	2.4	-0.4	-5.5
Apparel manufacturing	-2.4	-1.7	-1.6	-13.0
Leather and allied product manufacturing	-1.3	-0.5	0.5	-3.1
Paper manufacturing	1.4	1.4	3.5	0.0
Printing and related support activities	0.3	1.2	0.5	-7.8
Petroleum and coal products manufacturing	0.0	2.4	5.4	-0.6
Chemical manufacturing	2.7	2.8	5.7	4.5
Plastics and rubber products manufacturing	5.0	4.6	2.7	0.5
Wholesale trade	4.3	2.4	2.4	0.8
Motor vehicle and parts dealers	2.9	3.3	5.3	0.1
Furniture and home furnishings stores	3.8	4.1	3.4	-3.9
Electronics and appliance stores	0.0	1.6	1.2	-1.3
Building material and garden equipment and supplies dealers	2.9	4.0	4.0	11.4
Food and beverage stores	3.2	2.5	4.6	9.5
Health and personal care stores	2.7	2.2	2.1	0.6
Gasoline stations	4.3	4.7	6.7	4.6
Clothing and clothing accessories stores	3.8	2.5	2.2	-16.4
Sporting goods, hobby, musical instrument, and book stores	0.0	-0.1	-0.3	-1.4
General merchandise stores	1.5	2.9	1.1	4.5
Miscellaneous store retailers	2.6	4.1	5.1	-3.6
Nonstore retailers	12.9	10.9	7.2	11.7
Air transportation	7.2	4.7	4.3	-6.9
Rail transportation	-0.1	5.9	-0.8	-3.8
Water transportation	1.3	2.9	5.3	-6.8
Truck transportation	3.9	7.4	7.1	-1.1
Transit and ground passenger transportation	8.2	10.1	21.8	-29.1
Pipeline transportation	5.4	2.0	10.0	-0.5
Scenic and sightseeing transportation	4.1	5.6	7.1	-38.5
Support activities for transportation	5.7	8.0	11.1	-3.0
Couriers and messengers	7.4	8.1	8.8	17.9
Warehousing and storage	10.6	12.4	6.9	18.5
Publishing industries (except internet)	6.9	10.0	9.2	9.6
Motion picture and sound recording industries	-0.6	4.4	5.9	-14.2
Broadcasting (except internet)	2.2	5.2	2.0	-3.3
Telecommunications	-1.3	-0.8	0.0	2.2
Data processing, hosting, and related services	9.5	16.7	8.1	9.4
Other information services	21.0	14.4	9.6	19.8
Monetary authorities-Central bank	5.7	8.2	2.4	5.1
Credit intermediation and related activities	6.1	3.9	5.8	10.4
Securities, commodity contracts, and other financial investments and related activities	9.9	2.4	1.5	5.1
Insurance carriers and related activities	6.0	5.4	4.5	6.0
Funds, trusts, and other financial vehicles	27.8	23.8	12.6	19.2
Real estate	6.1	7.0	7.1	3.4
Rental and leasing services	4.1	8.1	5.1	-10.9
Lessors of nonfinancial intangible assets (except copyrighted works)	10.0	-4.7	3.4	-1.3
Professional, scientific, and technical services	5.5	7.0	6.6	4.1
Management of companies and enterprises	6.5	5.5	4.9	0.1
Administrative and support services	7.0	5.4	5.4	-0.1
Waste management and remediation services	10.8	8.1	4.1	2.4
Educational services	1.0	5.1	5.4	0.6
Ambulatory health care services	4.9	5.7	5.5	1.9
Hospitals	4.0	3.9	3.8	3.3
Nursing and residential care facilities	2.2	4.4	3.4	5.9
Social assistance	6.1	6.8	8.3	6.2
Performing arts, spectator sports, and related industries	5.9	6.9	4.7	-18.4
Museums, historical sites, and similar institutions	5.0	5.9	4.3	-8.7
Amusement, gambling, and recreation industries	3.6	5.6	3.8	-20.4
Accommodation	4.1	5.0	6.1	-27.8
Food services and drinking places	5.6	5.7	5.0	-21.0
Repair and maintenance	3.7	4.4	5.0	-1.3
Personal and laundry services	6.8	5.6	2.9	-22.4
Religious, grantmaking, civic, professional, and similar organizations	3.6	5.0	4.0	6.8
Private households	-6.8	17.6	4.8	-1.9
Federal civilian	3.3	4.0	2.5	4.9
Military	1.0	-1.7	3.5	4.6
State government	3.2	3.2	3.3	2.2
Local government	2.5	4.5	2.7	1.5

Table E. Change in State Personal Income, by Component and by State and the District of Columbia, 2019-2020
 [Change from previous year (millions of dollars)]

State	2019								2020							
	Personal income	Compensation of employees	Proprietors' income with IVA and CCAdj		Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance	Adjustment for residence	Personal income	Compensation of employees	Proprietors' income with IVA and CCAdj		Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance	Adjustment for residence
			Farm	Nonfarm							Farm	Nonfarm				
United States	720,845	487,255	3,220	18,977	109,338	162,766	60,813	102	1,205,443	119,232	39,167	19,391	-36,531	1,102,037	37,997	144
Alabama	8,877	5,333	-140	-24	1,599	2,453	426	82	12,818	2,730	-126	340	-531	11,477	923	-149
Alaska	1,191	814	2	-151	227	406	101	-6	1,136	-314	44	109	-164	1,449	-6	5
Arizona	18,292	11,216	343	1,392	2,441	4,418	1,663	145	34,435	9,646	403	1,686	630	24,193	1,796	-329
Arkansas	4,437	2,541	-550	372	817	1,627	362	-7	7,845	1,850	-88	263	-538	7,075	726	9
California	112,413	83,308	-1,932	4,356	14,667	22,798	10,612	-172	219,077	44,970	5,961	-886	-2,748	177,290	5,366	-144
Colorado	18,435	13,896	344	577	2,921	2,288	1,632	41	20,002	4,607	678	333	-782	15,972	797	-8
Connecticut	6,020	3,469	68	-1,224	1,074	868	486	2,251	9,330	-168	25	-218	-1,255	11,675	144	-585
Delaware	1,227	1,309	26	-769	131	628	125	27	2,820	151	-122	33	-115	2,721	152	304
District of Columbia	667	2,761	0	-966	-79	409	246	-1,212	4,466	1,614	0	448	-214	3,432	106	-708
Florida	52,611	30,965	90	877	12,858	12,299	4,543	64	70,197	9,946	736	6,529	-601	57,265	3,665	-15
Georgia	25,103	14,799	252	3,859	3,689	4,289	1,922	137	36,288	5,230	-293	1,917	-1,271	32,258	1,478	-74
Hawaii	2,332	1,266	-2	403	434	525	294	0	4,011	-2,867	53	37	-166	6,673	-281	0
Idaho	5,153	2,326	669	664	693	1,060	327	68	7,244	2,892	1,046	-232	-17	4,155	635	36
Illinois	20,445	12,565	-841	2,794	3,562	4,316	1,926	-24	43,324	-2,209	3,348	1,177	-2,630	45,180	589	-953
Indiana	12,900	5,901	-230	2,722	1,552	3,539	1,161	577	21,078	1,742	1,842	427	-635	18,375	1,248	575
Iowa	3,592	2,395	-1,021	41	935	1,635	463	72	9,517	1,552	612	39	-523	8,202	604	239
Kansas	6,005	3,177	-53	989	867	1,422	496	99	8,501	1,361	1,153	13	-537	7,269	470	-290
Kentucky	7,889	4,268	391	754	951	1,879	301	-53	15,697	1,090	534	173	-197	15,307	885	-325
Louisiana	6,948	2,630	139	712	1,314	2,254	292	191	14,268	-2,921	264	2,216	-729	15,629	345	153
Maine	2,734	1,766	88	95	207	739	218	57	5,337	1,119	129	42	-133	4,429	261	12
Maryland	9,200	7,610	248	-3,669	1,494	2,507	895	1,904	23,124	3,355	-76	1,324	-726	19,447	400	201
Massachusetts	20,410	16,214	64	3,018	2,522	1,956	2,145	-1,218	34,241	2,323	46	-513	-835	33,290	276	206
Michigan	15,545	7,412	-86	1,171	2,634	5,540	1,115	-11	38,786	-6,000	1,511	975	-579	42,800	-128	-49
Minnesota	9,905	7,202	-810	222	1,929	2,408	1,016	-30	21,261	2	3,154	1,561	-1,166	18,180	536	66
Mississippi	3,518	1,796	35	195	327	1,363	244	46	8,652	1,159	-85	289	-299	8,098	492	-18
Missouri	11,092	7,320	578	175	1,848	2,412	891	-350	17,473	1,897	1,458	438	-733	14,932	1,144	626
Montana	2,623	1,048	218	288	533	609	106	34	4,048	1,076	560	-68	-153	3,053	300	-120
Nebraska	3,226	2,304	868	-1,132	678	860	303	-49	7,115	1,533	1,814	117	-274	4,434	495	-13
Nevada	9,135	5,031	93	1,675	1,496	1,714	851	-22	9,663	-2,745	74	-234	-471	12,741	102	401
New Hampshire	3,636	1,934	15	816	202	498	297	469	4,876	1,447	11	-215	-42	4,249	214	-361
New Jersey	22,061	12,948	235	1,046	1,882	3,703	1,614	3,862	33,433	789	89	1,721	-773	33,614	470	-1,536
New Mexico	4,007	2,503	154	364	352	919	336	53	7,064	-47	327	82	-345	7,139	195	103
New York	45,033	37,716	744	-6,037	7,002	15,529	4,133	-5,789	78,577	-10,804	558	-2,491	-3,841	92,667	-785	1,703
North Carolina	25,014	15,297	354	2,641	3,642	5,142	2,059	-3	32,772	8,198	211	578	-255	26,538	1,930	-567
North Dakota	1,598	1,190	-51	178	185	336	110	-129	2,669	-1,048	1,629	18	-465	2,224	35	346
Ohio	17,411	12,708	-733	-528	2,947	5,090	1,713	-359	40,054	1,393	1,742	1,975	-1,582	37,875	1,213	-135
Oklahoma	8,793	3,823	124	1,937	1,166	2,261	501	-17	7,185	-871	387	-725	-892	9,609	298	-24
Oregon	9,772	6,477	247	93	1,664	2,287	907	-90	17,661	3,067	1,015	353	-58	14,231	659	-289
Pennsylvania	20,824	17,286	680	-3,732	3,367	5,350	1,799	-327	51,564	-2,637	440	202	-737	53,849	167	615
Rhode Island	2,537	1,071	1	266	198	566	162	597	4,391	183	10	145	-71	4,165	45	4
South Carolina	11,879	6,441	52	862	2,252	3,013	860	121	16,130	1,076	141	917	580	13,083	443	775
South Dakota	2,516	1,112	-91	824	431	418	166	-12	4,373	1,121	1,889	-40	-258	2,022	344	-18
Tennessee	14,801	7,889	463	2,797	1,221	3,734	1,061	-240	16,796	4,418	283	-3,002	-377	16,840	1,436	70
Texas	60,899	50,226	858	-5,719	9,181	11,517	4,801	-365	74,614	3,878	1,186	-1,516	-5,923	79,569	2,780	201
Utah	11,009	6,509	130	1,464	2,270	1,500	849	-16	12,321	6,088	210	667	301	6,089	982	-51
Vermont	1,132	557	116	123	49	304	44	28	2,325	-41	46	-6	-66	2,410	59	40
Virginia	17,664	12,619	219	1,687	1,651	4,016	1,610	-917	29,655	8,207	198	882	-1,838	23,838	1,473	-158
Washington	25,584	19,019	587	29	3,456	3,985	1,585	93	36,600	11,243	1,980	1,008	-326	24,106	1,631	219
West Virginia	1,522	132	41	53	226	647	-20	403	4,005	-1,213	49	235	-367	5,075	161	387
Wisconsin	10,494	6,430	166	464	1,783	2,489	952	114	16,028	792	1,898	347	-466	14,404	740	-208
Wyoming	734	728	61	-64	-108	244	110	-17	595	-625	210	-80	-339	1,441	-13	-25

CCAdj Capital consumption adjustment
 IVA Inventory valuation adjustment

Updates to previously released estimates

Each September, BEA typically revises the preliminary estimates of annual state personal income released in March in order to incorporate the results of the annual update of the NIPAs and to incorporate state source data that are more complete and more detailed than those previously available (table F). In general, the components of personal income were revised from 1998 to 2020.

The NIPA estimate of U.S. personal income for 2020, after adjustment for differences in geographic coverage and the timing of the availability of source data, was revised down 0.4 percent (table G).⁸ This national estimate controls the state estimates.⁹ Table H shows contributions of revisions from components. U.S. personal current transfer receipts contributed 0.14 percent, nonfarm proprietors' income contributed 0.26 percent, and dividends, interest, and rent contributed 0.47 percent to this downward revision. These downward revisions were offset somewhat by a 0.53 percent upward contribution from wages and salaries, and small upward revisions to supplements to wages and salaries, farm proprietors' income, and contributions for government social insurance, contributing 0.04, 0.04 and 0.12 percent, respectively.

The unweighted average revision to 2020 personal income in the 50 states and the District of Columbia was 0.0 percent (table H). The average absolute revision was 1.1 percent.

The largest downward revisions for 2020 were for Hawaii (3.4 percent), Iowa (3.2 percent), and New Jersey (2.4 percent); the largest upward revisions were for North Dakota (3.6 percent) and South Dakota (3.5 percent). Property income (dividends, interest, and rent) and personal current transfer receipts contributed the most to the revision of personal income in Hawaii and New Jersey (table H). Farm proprietors' income and personal current transfer receipts contributed the most in Iowa. In North and South Dakota, the largest contributor to the upward revision was farm proprietors' income.

Table F. Regional Source Data Used to Estimate State Personal Income and Personal Current Taxes

Annual estimates	
Wages and salaries by industry	
In general	QCEW wage data.
Farm	USDA farm labor expense data.
Agriculture and forestry support activities	USDA farm labor expense data.
Rail transportation	RRB state payroll and employment data; Census Bureau ACS Journey to work data.
Educational services	CBP payroll data; Official Catholic Directory data.
Membership associations and organizations	CBP payroll data; RRB payroll data.
Private households	Census Bureau ACS data; Census Bureau population data.
Military	DOD personnel data; Coast Guard personnel and payroll data.
State and local government	Census Bureau Annual Survey of Public Employment and Payroll data; CES employment data.
Employer contributions for employee pension and insurance funds by industry	
Rail transportation	FRA casualties data.
State and local government	Census Bureau Annual Survey of Public Pensions contributions, pension service charges, and membership data; actuarial data from the CAFRs for a sample of state and local government retirement systems; MEPS employer contributions for health insurance data (certain states only).
All other industries	NAIC earned premium data and NASI employers cost of self insurance data; MEPS employer contributions for health insurance data (certain states only).
Employer contributions for government social insurance by industry	
All industries	Census Bureau State Government Finances data; QCEW data on contributions to unemployment insurance funds; OES data on employee wage distributions; CPS industry data on hours worked.
Proprietors' income	
Farm	USDA gross income and expense data; ACS gross rental income; USDA ARMS corporate farm income data; Census of Agriculture livestock purchased and corporate farm income data.
Nonfarm industries	IRS data on net profits of proprietorships and partnerships; USDA Rural Development net income of agricultural cooperatives; USDA RUS net margin, or profit, of cooperatives that have outstanding loans.
Residence adjustment	Census Bureau ACS Journey to work data; IRS wage data.
Dividends, interest, and rent	ACS 1-Year PUMS data; IRS income tax data on dividends, taxable interest, S Corporation distributions, gross rents and royalties, and net royalty income; OPM federal civilian retirement payments data; DOD military retirement payments data; SSA Social Security benefits data; FDIC deposits data; NCUA deposits data.
Personal current transfer receipts	SSA data on Social Security benefits and Supplemental Security Income benefits; Census Bureau state and local government finance data on disability benefits, income maintenance benefits, state workers' compensation, and education benefits; CMS medical benefits data; DOD medical benefits data; DVA veterans benefits data; USDA data on SNAP and WIC; IRS SOI tax credit data; PBGC benefits data; DOL data on unemployment benefits, black lung disability benefits, and trade adjustment; DOE Pell Grants and enrollment data; HHS data on TANF, foster care and adoption assistance, and energy assistance; Census Bureau population data; Railroad Retirement Board data on retirement and disability benefits and unemployment compensation; among others (For a complete list of source data used, see State Personal Income and Employment: Concepts, Data Sources, and Statistical Methods).
Employee and self-employed contributions for government social insurance	SSA Earnings and Employment Data for Workers Covered under Social Security and Medicare and other unpublished SSA data; California state temporary disability insurance data; Census Bureau state temporary disability insurance data; CMS supplemental medical insurance enrollment data; personal contributions for state unemployment insurance data from the states; DVA veterans' insurance premiums data.
Personal current taxes	IRS income tax data; Census Bureau quarterly tax collections and state tax collections data; Census Bureau state and local government finance data.
Quarterly estimates	
Wages and salaries by industry	
In general	QCEW wage data; CES employment data.
Transportation and warehousing	DOT payroll data.
Military	DOD personnel data; Coast Gurard payroll data.
Personal current transfer receipts	DOL unemployment rate data; CMS medical benefits data.

ACF TANF	Administration for Children and Families, Temporary Assistance to Needy Families
ACS	American Community Survey, Census Bureau
ARMS	Agricultural Resource Management Survey
CAFR	Comprehensive Annual Financial Report
CBP	County Business Patterns, Census Bureau
CES	Current Employment Statistics survey, Bureau of Labor Statistics
CMS	Centers for Medicare and Medicaid Services
CPS	Current Population Survey, Census Bureau
DOD	Department of Defense
DOE	Department of Education
DOL	Department of Labor
DOT	Department of Transportation
DVA	Department of Veterans Affairs
FDIC	Federal Deposit Insurance Corporation
FRA	Federal Railroad Administration
IRS	Internal Revenue Service

MEPS	Medical Expenditure Panel Survey, Agency for Healthcare Research and Quality
NAIC	National Association of Insurance Commissioners
NASI	National Academy of Social Insurance
NCUA	National Credit Union Administration
OASDHI	Old-Age, Survivors, Disability, and Hospital Insurance, Social Security Administration
OES	Occupational Employment Statistics, Bureau of Labor Statistics
OPM	Office of Personnel Management
PBGC	Pension Benefit Guaranty Corporation
QCEW	Quarterly Census of Employment and Wages, Bureau of Labor Statistics
RRB	Railroad Retirement Board
RUS	Rural Utilities Service
SNAP	Supplemental Nutritional Assistance Program
SSA	Social Security Administration
USDA	U.S. Department of Agriculture
WIC	Special Supplemental Nutrition for Women, Infants, and Children

Table G. Percent Revisions to Personal Income, by State and the District of Columbia, 2016–2020

State	2016	2017	2018	2019	2020
United States	-0.4	-0.6	-0.9	-0.8	-0.4
Alabama	0.0	-0.3	-0.8	-0.2	-0.9
Alaska	0.2	0.1	-0.6	-1.4	-2.0
Arizona	-0.4	-0.7	-1.1	-0.4	1.4
Arkansas	0.9	0.6	0.4	0.5	0.3
California	-2.4	-2.7	-3.3	-3.3	-1.8
Colorado	-0.3	-0.8	-1.0	-0.5	0.4
Connecticut	-1.0	-1.3	-1.2	-1.9	-1.5
Delaware	0.2	-0.1	0.4	-1.0	-1.2
District of Columbia	-1.3	-1.1	-0.7	-2.8	-0.6
Florida	0.5	0.6	0.4	1.2	0.6
Georgia	0.5	0.4	-0.1	1.2	1.2
Hawaii	-2.0	-2.2	-2.9	-2.7	-3.4
Idaho	-0.4	-0.7	-1.7	-0.4	0.3
Illinois	0.3	0.0	0.2	0.6	-0.1
Indiana	0.3	0.1	0.0	0.6	1.1
Iowa	0.0	-0.1	-1.2	-2.4	-3.2
Kansas	0.4	0.4	-0.2	-0.4	0.1
Kentucky	0.4	0.2	-0.3	0.4	1.8
Louisiana	0.6	0.5	-0.1	0.7	1.7
Maine	0.5	0.5	-0.3	-0.3	0.0
Maryland	-1.1	-1.2	-1.7	-2.4	-2.1
Massachusetts	-1.0	-1.3	-1.6	-0.9	-1.6
Michigan	0.4	0.1	-0.1	0.1	0.5
Minnesota	-0.3	-0.5	-0.6	-0.7	0.8
Mississippi	0.9	0.8	0.0	0.5	0.9
Missouri	0.3	0.2	0.4	0.7	1.0
Montana	0.6	0.3	-0.3	0.8	0.1
Nebraska	0.3	0.1	-0.6	-1.0	-0.6
Nevada	-0.2	-0.7	-1.0	0.9	0.2
New Hampshire	0.3	0.2	-0.1	0.5	1.0
New Jersey	-1.0	-0.9	-1.0	-1.1	-2.4
New Mexico	-0.3	-0.3	-0.8	-0.3	1.2
New York	-0.9	-1.3	-1.8	-2.4	-1.4
North Carolina	-0.5	-0.6	-0.9	-0.1	0.4
North Dakota	1.7	1.0	1.3	1.9	3.6
Ohio	0.6	0.4	0.1	0.1	0.7
Oklahoma	1.3	1.2	1.1	2.2	1.3
Oregon	-1.2	-1.5	-1.8	-1.4	-0.8
Pennsylvania	-0.2	-0.3	-0.1	-0.8	-0.8
Rhode Island	-0.6	-0.5	-0.4	0.3	0.0
South Carolina	0.5	0.3	-0.3	0.2	1.1
South Dakota	0.7	0.8	-0.5	1.7	3.5
Tennessee	0.1	-0.1	0.1	0.7	1.0
Texas	1.4	1.4	1.3	0.8	0.5
Utah	-0.8	-1.0	-1.3	0.3	-0.1
Vermont	0.4	0.4	0.0	0.2	0.9
Virginia	-0.6	-0.7	-1.6	-1.3	-0.7
Washington	-1.3	-1.7	-3.0	-2.7	-1.8
West Virginia	1.0	0.9	0.6	0.6	-0.3
Wisconsin	-0.1	-0.3	-0.7	-0.5	0.2
Wyoming	0.8	0.6	-1.0	-1.6	-2.2

Note. The annual revisions are calculated from the March 2020 release of State Personal Income.

Table H. Contributions to the Revision to Personal Income, by Component and by State and the District of Columbia for 2020¹

State	Percent revision	Contributions to the revisions (percentage points)							
	Personal income	Wages and salaries	Supplements to wages and salaries	Nonfarm proprietors' income	Farm proprietors' income	Dividends, interest, and rent	Personal current transfer receipts	Contributions for government social insurance	Adjustment for residence
United States	-0.4	0.53	0.04	-0.26	0.04	-0.47	-0.14	0.12	0.00
Alabama	-0.9	0.47	0.06	-0.53	0.21	0.02	-0.95	0.17	-0.03
Alaska	-2.0	0.55	0.15	-0.94	0.07	-0.73	-0.94	0.13	0.00
Arizona	1.4	0.79	0.07	0.24	0.04	-0.29	0.85	0.21	-0.06
Arkansas	0.3	0.35	0.03	-0.08	0.01	0.49	-0.33	0.24	0.04
California	-1.8	0.64	0.11	-0.28	-0.14	-2.56	0.48	0.05	0.00
Colorado	0.4	0.73	0.09	0.06	0.07	-0.56	0.14	0.13	0.00
Connecticut	-1.5	0.61	0.20	-0.82	-0.02	-1.18	-0.15	0.09	-0.03
Delaware	-1.2	0.44	0.07	-1.77	-0.03	0.60	-0.81	0.15	0.47
District of Columbia	-0.6	0.84	-0.05	-1.77	0.00	-0.86	1.47	-0.23	-0.42
Florida	0.6	0.38	-0.18	-0.65	-0.09	1.43	-0.15	0.11	-0.01
Georgia	1.2	0.51	0.12	-0.32	0.01	0.39	0.61	0.11	0.01
Hawaii	-3.4	0.04	0.41	0.23	-0.02	-2.25	-1.69	0.15	0.00
Idaho	0.3	0.69	-0.03	0.14	0.64	-0.51	-0.38	0.24	-0.01
Illinois	-0.1	0.47	0.03	-0.25	0.19	0.36	-0.67	0.12	-0.09
Indiana	1.1	0.47	0.16	0.30	0.36	0.14	-0.14	0.30	0.14
Iowa	-3.2	0.45	0.05	-0.25	-2.27	-0.36	-0.68	0.23	0.14
Kansas	0.0	0.42	-0.02	0.36	-0.86	0.18	0.29	0.18	-0.14
Kentucky	1.8	0.48	0.38	-0.04	0.31	0.04	1.13	0.31	-0.19
Louisiana	1.7	0.55	0.17	0.45	0.09	0.21	0.52	0.35	0.02
Maine	0.0	0.51	0.05	-0.17	0.14	0.01	-0.43	0.19	0.06
Maryland	-2.1	0.30	-0.03	-1.14	0.01	-1.41	-0.03	-0.02	0.14
Massachusetts	-1.6	1.05	0.11	0.38	0.00	-1.23	-1.78	0.14	0.02
Michigan	0.5	0.53	0.02	-0.17	0.17	0.21	-0.04	0.20	0.00
Minnesota	0.8	0.57	0.15	0.17	0.12	-0.17	0.06	0.18	0.03
Mississippi	0.9	0.54	0.21	-0.44	0.27	0.05	0.55	0.22	-0.05
Missouri	1.0	0.57	-0.17	-0.31	0.34	0.75	-0.06	0.24	0.12
Montana	0.1	0.54	-0.26	-0.01	0.23	0.40	-0.53	0.15	-0.17
Nebraska	-0.6	0.41	-0.25	-0.97	0.55	0.12	-0.32	0.19	0.00
Nevada	0.2	0.55	0.19	0.21	0.02	-0.41	-0.44	0.10	0.14
New Hampshire	1.0	0.89	0.02	0.55	0.00	0.04	-0.07	0.14	-0.28
New Jersey	-2.4	0.68	-0.01	0.01	0.01	-0.80	-2.18	0.09	0.01
New Mexico	1.2	0.70	0.28	0.21	0.09	-0.79	0.92	0.26	0.02
New York	-1.4	0.66	0.12	-0.80	0.02	-1.53	0.20	0.09	-0.01
North Carolina	0.4	0.32	-0.05	0.25	0.16	-0.09	0.07	0.14	-0.09
North Dakota	3.6	0.15	0.36	0.19	2.34	0.46	0.12	0.46	0.45
Ohio	0.6	0.34	-0.04	-0.17	0.22	0.41	0.02	0.14	0.01
Oklahoma	1.3	0.48	0.34	0.66	0.00	0.96	-0.87	0.26	-0.03
Oregon	-0.8	0.91	0.21	-0.28	0.27	-1.14	-0.61	0.08	-0.10
Pennsylvania	-0.8	0.51	0.02	-0.49	0.05	-0.08	-0.79	0.04	0.03
Rhode Island	0.0	0.61	0.20	0.11	0.00	-0.15	-0.77	0.05	0.02
South Carolina	1.1	0.33	-0.36	0.11	0.11	0.75	-0.02	0.05	0.22
South Dakota	3.5	0.47	-0.19	1.02	2.35	0.21	-0.10	0.24	-0.01
Tennessee	1.0	0.63	0.11	0.06	0.09	0.20	0.08	0.22	0.03
Texas	0.5	0.33	0.00	-0.70	0.07	1.22	-0.30	0.11	0.02
Utah	-0.1	0.77	-0.01	0.42	0.03	-0.13	-1.16	0.00	-0.01
Vermont	0.9	0.54	0.30	0.22	0.06	0.05	-0.02	0.28	0.06
Virginia	-0.6	0.42	0.08	0.06	0.06	-1.14	0.08	0.10	-0.10
Washington	-1.8	0.30	-0.13	-0.16	0.23	-2.13	-0.01	-0.08	0.06
West Virginia	-0.3	0.57	-0.41	-0.08	0.09	0.24	-0.67	0.30	0.30
Wisconsin	0.2	0.61	0.03	-0.18	0.25	-0.35	0.04	0.17	-0.05
Wyoming	-2.2	0.47	0.03	-0.59	0.35	-1.91	-0.22	0.22	-0.14

1. Personal income is the sum of wages and salaries, supplements to wages and salaries, nonfarm proprietors' income, farm proprietors' income, dividends, interest, and rent, and personal current transfer receipts less contributions for government social insurance plus the adjustment for residence.

Personal Income in the NIPAs and State Personal Income

The level of personal income in the national income and product accounts differs from the national total in the state personal income statistics because of differences in coverage and timing of the availability of source data.

The differences in coverage stem from different concepts of residence. For NIPA personal income, a U.S. resident has a center of economic interest in the country and resides, or expects to reside, in the country for a year or more. For state personal income, a resident is a participant in a U.S. regional economy, regardless of the individual's national citizenship or duration of residence.¹

In general, the NIPA measure of personal income is broader than state personal income:

- NIPA personal income includes the earnings of federal civilian and military personnel stationed abroad and the property income received by the federal retirement plans of these workers. The regional measure of personal income does not include this income.²
- NIPA personal income includes all income earned by U.S. citizens living abroad for less than a year. State personal income excludes the portion earned while an individual lives abroad.
- NIPA personal income includes the income of foreign nationals only if they live and work in the United States for a year or more. State personal income includes the income of resident foreign nationals working in the United States—including migrant workers—regardless of length of stay or residency.

The annual estimates of personal income in the NIPAs also diverge from the national totals of state personal income because of differences in the timing of the availability of source data. For example, farm proprietors' income in the NIPAs differs from farm proprietors' income in state personal income because the latter incorporates revised U.S. Department of Agriculture data that were not available until after the national estimate was released.

Both NIPA and state personal income include the income of U.S. residents employed by international organizations or by other countries while living in the United States, and both exclude the income of foreign nationals employed by their home governments. NIPA personal income also includes the income of foreign nationals working at international organizations in the United States.³ In addition, both measures exclude the income of private U.S. citizens living outside the country for a year or more.

Relation of Personal Income in the NIPAs and the State Personal Income Accounts

[Billions of dollars]

Component	2018	2019	2020
Personal income, NIPAs	17,706.0	18,424.4	19,627.6
Plus adjustments for:			
Coverage differences	-21.6	-22.8	-27.9
Federal workers abroad	-35.3	-38.0	-39.5
Wage and salary disbursements	-24.0	-25.6	-26.3
Supplements to wages and salaries ¹	-7.7	-8.5	-9.1
Dividends, interest, and rent ²	-6.0	-6.5	-6.7
Less: Personal contributions for social insurance	-2.4	-2.6	-2.6
Rest-of-the-world difference	13.7	15.2	11.6
Wages of private foreign nationals in United States	15.1	16.7	12.9
Wages of private U.S. residents abroad	-1.4	-1.5	-1.3
Use of more current source data	-2.0	1.7	9.1
Wage and salary disbursements	0.0	0.0	0.0
Farm proprietors' income	-2.0	1.7	9.1
Personal current transfer receipts	<0.1	<0.1	<0.1
Statistical discrepancy ³	-1.2	-1.3	-1.4
Equals: State personal income⁴	17,681.2	18,402.0	19,607.4

1. Employer contributions for government social insurance and for employee pension and insurance funds for federal workers stationed abroad.
2. Investment income received by federal retirement plans that is attributed to federal workers stationed abroad.
3. Includes revisions made in the NIPAs that are not yet reflected in state personal income concerning wages of border workers and foreign nationals working for international organizations.
4. State personal income was released September 23, 2021.

1. See *State Personal Income and Employment: Concepts, Data Sources, and Statistical Methods* on BEA's Web site.

2. For a description of military coverage in state personal income, see "New Treatment of State Estimates of Military Compensation," *Survey* 85 (October 2005): 116.

3. For more information on the treatment of border workers in the residence adjustment, see *State Personal Income and Employment: Concepts, Data Sources, and Statistical Methods*.

Acknowledgments

The annual revisions of GDP by state and personal income by state were prepared by the Regional Income Division under the direction of Mauricio Ortiz, Acting Associate Director for Regional Economics. The preparation of the revised estimates was a division-wide effort.

The estimates of wages and salaries, supplements to wages and salaries, farm proprietors' income, personal current transfer receipts, the adjustment for residence, taxes on production and imports, and personal current tax receipts were prepared by the Compensation Branch, under the supervision of Marcelo Yoon, Chief. Major responsibilities were assigned to Alexander Adams, Kendra Asher, Peter Battikha, Michael Berry, and John Laffman. Contributing staff members were Suet Boudhraa, John Broda, Ernie Enriquez, Terence Fallon, David Guo, Hong Han, Elizabeth McCormack, Paul Medzerian, Russell Moncrief, Krishna Parajuli, Jesse Park, Ross Stepp, Troy Watson, and Nicholas Wetzler.

The estimates of GDP by state, nonfarm proprietors' income, property income (personal dividends, interest, rents and royalties), and employee contributions for government social insurance were prepared by the Regional GDP Branch, under the supervision of Cliff Woodruff, Chief. Major responsibilities were assigned to Brian Maisano, Matthew von Kerczek, and Zheng Wang. Contributing staff members were Michael Bentley, Lam Cao, Taylor Grant, Solomon Kublashvili, Toan Ly, W. Timothy McKeel, JD Montgomery, Todd Siebeneck, Robert Tate, and Albert Yoon.

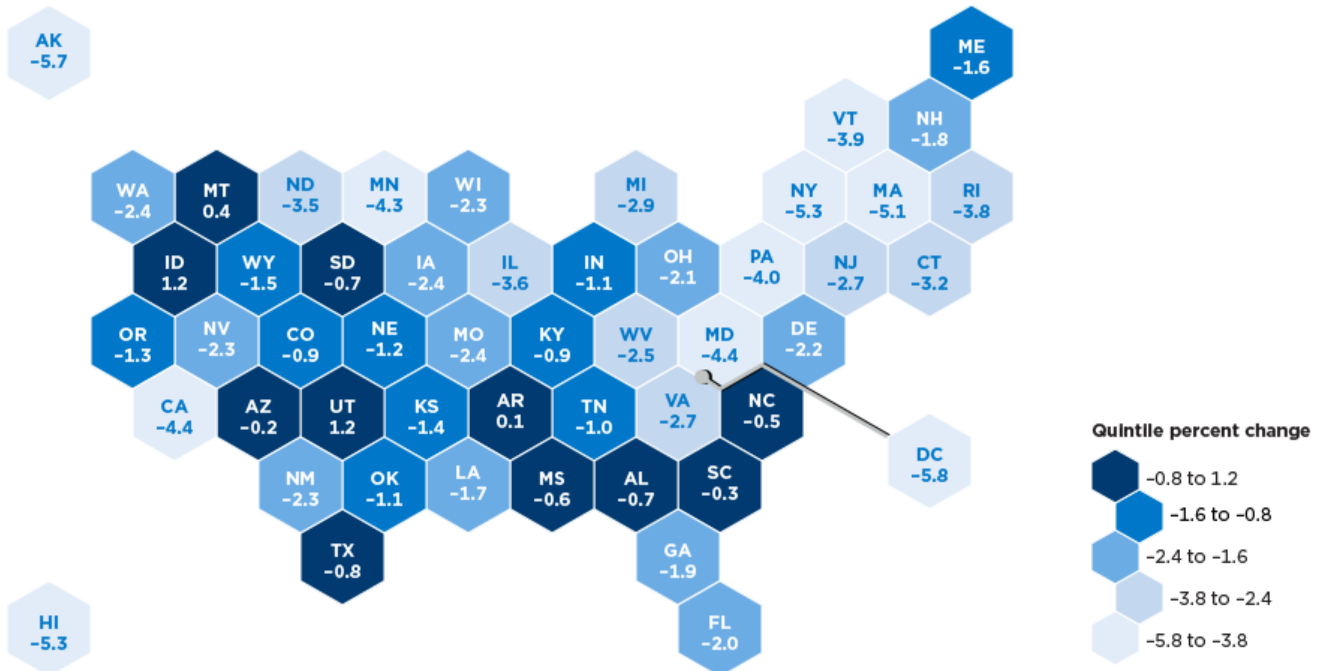
The quarterly estimates of state personal income were prepared by John Laffman, Brian Maisano, Alex Adams, and Kendra Asher under the supervision of Matt von Kerczek.

The public use tabulations and data files were assembled, and the tables were prepared by the Data and Administrative Systems Group, under the direction of Elizabeth Cologer and Nicholas Empey. Major responsibilities were assigned to Jeffrey Newman, Michael Paris, and Callan Swenson. Contributing staff members were Melanie Carrales, Jake Dillion, and Jonas Wilson.

Personal Consumption Expenditures by State for 2020

In October 2021, BEA released current-dollar statistics on personal consumption expenditures (PCE) by state for 2020. PCE fell 2.6 percent nationwide in 2020, falling in all states and the District of Columbia except for small increases in Arkansas, Idaho, Montana, and Utah. PCE decelerated in all states and the District of Columbia. The percent changes ranged from a low of -5.8 percent in the District of Columbia to a high of 1.2 percent in Utah (chart 8).

Chart 8. Percent Change in Personal Consumption Expenditure by State



U.S. Bureau of Economic Analysis

PCE by state is a household consumption measure that reflects the value of the goods and services purchased by, or on behalf of, households by state of residence. These statistics on households provide an indication of economic well-being as well as information on consumption patterns across states and over time. For example, the statistics show how households allocate their spending between goods and services or between necessities and discretionary items or how consumers adjust their spending to changes in the economy. As a more specific example of this concept, detailed information on PCE by category shows that in 2020, consumption of gasoline and other energy goods in Utah decreased from its 2019 level by \$922.3 million and consumption of food services and accommodations decreased by \$1.0 billion, while consumption of food and beverages purchased for off-premises consumption increased by \$995.7 million. This is consistent with a story of reduced travel and increased social distancing. One may use these figures to determine the extent to which spending on goods and services in these categories was affected in different states and the District of Columbia during a year in which the COVID-19 pandemic was a dominant theme.

The states for which PCE had the largest percent change from 2019 to 2020 include Arizona (-0.2 percent), Arkansas (0.1 percent), Idaho (1.2 percent), Montana (0.4 percent), South Carolina (-0.3 percent), and Utah (1.2 percent). This list includes only states in the Rocky Mountain, Southwest, and Southeast regions. (See table I.)

PCE declined the most in Alaska (-5.7 percent), California (-4.4 percent), the District of Columbia (-5.8 percent), Hawaii (-5.3 percent), Maryland (-4.4 percent), Massachusetts (-5.1 percent), Minnesota (-4.3 percent), and New York (-5.3 percent). This list includes multiple states in the Mideast region and in the Far West region, as well as one in each of the Great Lakes and New England regions.

Table I. Percent Change in Total Personal Consumption Expenditures, by State and the District of Columbia, 2019–2020
[Percent change]

State	2019	2020
United States	3.7	-2.6
Alabama	4.0	-0.7
Alaska	3.1	-5.7
Arizona	5.2	-0.2
Arkansas	2.7	0.1
California	4.7	-4.4
Colorado	5.2	-0.9
Connecticut	2.1	-3.2
Delaware	3.6	-2.2
District of Columbia	3.5	-5.8
Florida	4.3	-2.0
Georgia	4.0	-1.9
Hawaii	3.9	-5.3
Idaho	4.3	1.2
Illinois	2.6	-3.6
Indiana	2.5	-1.1
Iowa	2.1	-2.4
Kansas	3.0	-1.4
Kentucky	2.7	-0.9
Louisiana	3.0	-1.7
Maine	3.4	-1.6
Maryland	2.5	-4.4
Massachusetts	3.5	-5.1
Michigan	2.8	-2.9
Minnesota	2.9	-4.3
Mississippi	1.8	-0.6
Missouri	3.0	-2.4
Montana	3.5	0.4
Nebraska	2.6	-1.2
Nevada	4.8	-2.3
New Hampshire	3.6	-1.8
New Jersey	3.4	-2.7
New Mexico	2.0	-2.3
New York	3.9	-5.3
North Carolina	5.0	-0.5
North Dakota	2.1	-3.5
Ohio	2.7	-2.1
Oklahoma	2.2	-1.1
Oregon	4.5	-1.3
Pennsylvania	3.1	-4.0
Rhode Island	2.8	-3.8
South Carolina	4.3	-0.3
South Dakota	3.8	-0.7
Tennessee	4.1	-1.0
Texas	4.0	-0.8
Utah	5.4	1.2
Vermont	2.5	-3.9
Virginia	2.9	-2.7
Washington	4.5	-2.4
West Virginia	2.3	-2.5
Wisconsin	2.8	-2.3
Wyoming	2.0	-1.5
Net expenditures abroad by U.S. residents ¹	9.3	-2.8

1. Net expenditures abroad by U.S. residents consists of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

The District of Columbia, in which PCE dropped by 5.8 percent, was impacted by the pandemic particularly hard. The largest sources of the decline in PCE were expenditures on services. Transportation services contributed 1.5 percentage points to the decline, while reductions in food and accommodation services contributed 3.4 percentage points. The other major category in which PCE decreased in the District of Columbia was social services and religious activities, contributing 1.4 percentage points. Together, these three categories accounted for a decline of 6.4 percent, which was partially reversed by the remaining categories, which together contributed an increase in PCE of 0.6 percent. The categories contributing to the large decline in PCE were among those affected most by the COVID-19 pandemic.¹⁰

PCE in Utah, which increased by 1.2 percent, balanced an increase in spending on goods with a decrease in spending on services. Spending on goods contributed 2.5 percentage points to the increase in PCE, while spending on services contributed a reduction of 1.3 percentage points. Reductions in services spending were spread among health care and social assistance (0.8 percent), transportation services (0.7 percent), recreation services (1.0 percent) and food services and accommodation (0.8 percent). The categories that drove a large decrease in spending in the District of Columbia contributed less to the change in spending on Utah, and an increase in spending on goods more than made up for the decline in services consumption.

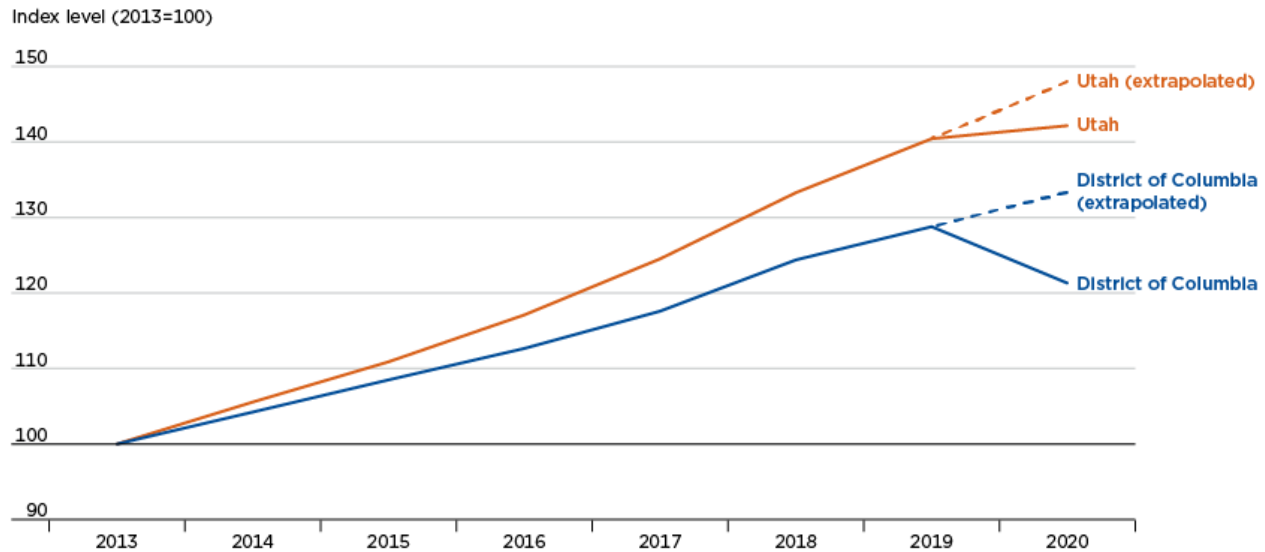
Table J. Population Growth Rates, Selected States

State	Population growth rate
Arizona	1.78%
Arkansas	0.32%
Idaho	2.12%
Montana	0.98%
South Carolina	1.17%
Utah	1.45%
Alaska	-0.33%
California	-0.18%
District of Columbia	0.64%
Hawaii	-0.61%
Maryland	0.01%
Massachusetts	-0.02%
Minnesota	0.31%
New York	-0.65%

Source. U.S. Census Bureau July 1, 2020, population estimates

Table J shows population growth rates for Utah and the District of Columbia. Typically states with the largest growth in PCE tend to have faster-growing populations, while states with slower growth or declines in PCE tend to have slow-growing or declining populations. Nevertheless, population growth trends do not explain all differences in PCE growth. Chart 9 shows PCE in Utah and in the District of Columbia, indexed to 2013. The solid lines represent indexed PCE, while the dotted lines represent PCE extrapolated for 2020 based on the previous year's growth rate. This graph shows that PCE growth in Utah has outpaced PCE growth in the District of Columbia over this period. However, it also suggests that the relatively larger increase in spending in Utah in 2020 was not exclusively due to differences in trends, since PCE in Utah fell less far below trend in 2020 than did the District of Columbia.

Chart 9. Index of Personal Consumption Expenditures, Utah and the District of Columbia



U.S. Bureau of Economic Analysis

Changes to concepts and methods

Improvements in methods and the addition of new source data resulted in revisions to personal consumption expenditures for 1997–2019. This first major improvement to methods relates to improved measurement of housing services, which BEA now computes using data about individual housing units from the American Community Survey.¹¹ In addition to improving the accuracy and reliability of BEA housing services measures, the new measures provide a more streamlined integrated approach to estimating housing services across BEA's national and regional programs. The second major improvement is use of new source data to conduct the residency adjustment (see box “Personal Consumption Expenditures by State,” below), wherein the PCE by state program applies adjustment factors to the detailed PCE categories rather than to more aggregate categories. The new source data used for residence adjustment are public use microdata from the Consumer Expenditures Survey and credit card spending flows data from Fiserv.¹² Additionally, there were improvements in methods and data for the measurement of expenditures on financial services and utilities. All three improvements provide additional accuracy and also allows the publication of data at a finer level of industry detail.

The newly introduced methods provide data users 113 publication lines and detailed information at the NIPA table 2.4.5 level and 124 publication lines and detailed information at the NIPA table 2.5.5 aggregation level by function. New tables are available from 1997 to 2020 for 50 states and the District of Columbia.

Revisions

The October release of PCE by state included updated statistics for 1997–2019. The updated statistics incorporated the results of the 2021 annual update of the NIPAs, newly available and revised regional source data, and improvements in concepts and methods.

New source data incorporated include (years affected in parentheses):

- Quarterly Census of Employment and Wages (BLS) (2016–2020)
- U.S. Census Bureau Census American Community Survey 1-year PUMS file (2001–2019)
- Consumer Expenditure Survey (2015–2019)
- Fiserv Card Transaction data (2015–2019)
- Other source data:
 - Census of Government Finances (2016–2019)
 - Data from the Federal Deposit Insurance Corporation (2020), the National Credit Union Administration (2020), and the National Association of Insurance Commissioners (2020)
 - United States Department of Agriculture/Economic Research Service (2019)
 - Bureau of Transportation Statistics (2020), National Association of Rail Passengers (2020)
 - BEA Employment (2016–2020)

Current-dollar national PCE was revised down in 2016 (–0.6 percent), 2017 (–0.8 percent), 2018 (–0.6 percent), and 2019 (–0.8 percent) (table K). Between 2016 and 2019, the largest upward revision at the state level was for the District of Columbia, which was revised up in each year between 6.1 percent in 2016 and 6.9 percent in 2019. The largest downward revisions were in Nevada (–7.9 percent in 2016) and in South Dakota (–7.8 percent in 2018 and 2019). The average unweighted revision across states and the District of Columbia ranged from 0.7 percent to 0.9 percent between 2016 and 2019.

Table K. Percent Revisions to Total Personal Consumption Expenditures, by State and the District of Columbia, 2016–2019

State	Percent revision			
	2016	2017	2018	2019
United States	-0.6	-0.8	-0.6	-0.8
Alabama	1.1	1.4	1.8	2.1
Alaska	1.6	1.1	1.7	1.9
Arizona	3.6	3.1	3.4	3.9
Arkansas	0.3	-0.2	-0.5	-1.2
California	-1.0	-1.2	-0.9	-1.3
Colorado	2.5	2.6	2.4	2.4
Connecticut	-4.0	-4.1	-4.4	-5.1
Delaware	2.4	1.9	2.5	2.8
District of Columbia	6.1	6.4	6.6	6.9
Florida	4.7	4.7	5.1	4.7
Georgia	2.4	2.3	2.7	3.0
Hawaii	-4.4	-4.6	-4.4	-4.3
Idaho	-4.3	-4.4	-3.5	-3.7
Illinois	-1.7	-2.1	-1.7	-1.9
Indiana	-1.0	-0.9	-0.5	-1.3
Iowa	-1.6	-2.1	-1.8	-1.8
Kansas	0.3	0.4	1.0	1.3
Kentucky	1.4	1.5	2.0	1.7
Louisiana	2.0	2.0	2.0	1.9
Maine	-2.6	-2.1	-2.4	-2.4
Maryland	-1.8	-2.3	-1.9	-2.3
Massachusetts	-2.4	-2.5	-2.6	-2.6
Michigan	0.8	1.0	1.6	1.4
Minnesota	-1.0	-1.0	-1.0	-1.3
Mississippi	1.7	0.8	0.7	0.3
Missouri	-0.1	-0.5	-0.2	-0.5
Montana	0.5	0.7	1.0	0.5
Nebraska	-0.4	-0.6	-0.1	-0.2
Nevada	-7.9	-7.2	-6.3	-5.3
New Hampshire	-3.3	-3.0	-2.9	-3.0
New Jersey	-4.6	-4.9	-4.4	-4.8
New Mexico	-2.5	-2.2	-2.1	-2.4
New York	-4.8	-4.8	-4.7	-4.9
North Carolina	4.7	4.5	4.5	4.8
North Dakota	-1.5	-2.6	-3.9	-4.6
Ohio	-3.8	-4.5	-4.6	-4.7
Oklahoma	-0.6	-0.9	-0.7	-1.4
Oregon	-2.8	-2.3	-2.0	-1.9
Pennsylvania	0.5	0.3	0.6	-0.1
Rhode Island	-4.5	-4.9	-5.0	-5.3
South Carolina	5.2	5.4	5.6	5.9
South Dakota	-7.3	-7.4	-7.8	-7.8
Tennessee	2.1	1.7	1.5	1.6
Texas	0.8	0.5	0.2	-0.2
Utah	-4.8	-4.8	-5.0	-5.3
Vermont	-1.1	-1.4	-0.8	-0.2
Virginia	-4.2	-4.8	-4.6	-5.0
Washington	-0.9	-0.9	-0.4	-1.2
West Virginia	2.2	1.8	2.4	2.0
Wisconsin	-3.2	-3.2	-2.7	-2.7
Wyoming	-0.1	-0.5	-1.2	-1.8
Net expenditures abroad by U.S. residents ¹	0.0	0.0	0.8	0.7

Note. Percent revision from preceding period was calculated from unrounded data. Expenditures may not sum to higher level aggregates because of rounding.

1. Net expenditures abroad by U.S. residents consists of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.

Personal Consumption Expenditures by State

Concepts and definitions

PCE by state is the regional counterpart of national PCE, which measures the value of the goods and services purchased by, and on behalf of, households. PCE by state measures household consumption based on households' state of residence in the 50 states and the District of Columbia. Examples of purchases made on behalf of households include health care services paid for by Medicare and Medicaid and education services provided by nonprofit institutions or the government.

In addition to out-of-pocket household purchases and purchases made by third parties on behalf of households, PCE by state also includes imputations for the consumption of goods and services without market transactions. The two main imputations in PCE by state are owner-occupied housing and financial services with no explicit charge.

The housing imputation approximates the value of housing services provided by owner-occupied housing. This imputation ensures that the treatment of owner-occupied housing is comparable with that of tenant-occupied housing, which is valued by rent paid. Because homeowners consume the service of shelter, regardless of having a mortgage, this imputation represents the rent homeowners would pay if they rented the home they own.

The financial services imputation approximates the value of financial services that households receive either without payment or for a small fee, which does not reflect the full value of the service. Examples of these services include no-additional-fee checking accounts, recordkeeping, and safekeeping of deposits.

Finally, PCE by state includes the net expenditures of nonprofit institutions serving households (NPISHs). Since the services by NPISHs are typically provided to households for less than the cost of the service, these net expenditures represent the value of the services that is unaccounted for by households' out-of-pocket purchases.¹

PCE by state statistics are consistent with BEA national PCE statistics, with respect to concepts and definitions, and with BEA regional income statistics, with respect to residency. The latter allows for meaningful comparisons of household income and consumption within a given geography.

There are minor differences in coverage between the regional and national PCE statistics, which stem from differences in residency definitions across these statistics.² PCE by state excludes the net expenditures abroad by U.S. residents, which consist of government and private employees' expenditures abroad less personal remittances in kind to nonresidents.³ These expenditures are included in national PCE, but they cannot be attributed to a particular state. However, PCE by state does include the travel expenditures abroad by U.S. residents.

Residency adjustments

Residency definitions are important to the regional economic accounts to align measures of income and consumption within a given geography. PCE by state statistics use the residency concept of regional income statistics so state expenditures correspond to the same population used to measure state personal income.

For regional income statistics, a resident is considered a participant in a regional economy regardless of national allegiance or duration of residence. Regional income statistics exclude the income earned by U.S. residents living abroad but include the income earned by foreign nationals working in the United States. PCE by state also excludes net expenditures of U.S. residents abroad; however, PCE by state includes the travel expenditures abroad by U.S. residents.

Residency adjustments are made to both regional income and PCE statistics; however, these adjustments serve different purposes. For regional income statistics, a residence adjustment is made to reallocate income earned in places of work other than the recipients' place of residence. For the PCE by state statistics, a residency adjustment is made to reallocate expenditures made in states other than the households' state of residence.

1. For more information, see "[Chapter 5. Personal Consumption Expenditures](#)" in Concepts and Methods of the U.S. National Income and Product Accounts on the BEA website.

2. For a more detailed discussion on residency in the national and regional economic accounts, see Christian Awuku-Budu, Ledia Guci, Christopher A. Lucas, and Charles Ian Mead, "[Prototype Personal Consumption Expenditures by State](#)," *Survey* 94 (September 2014).

3. In 2019, the net expenditures abroad by U.S. residents were 0.08 percent of national total PCE.

Acknowledgments

The PCE by state statistics were prepared by Terence Fallon, Hope Franklin, Solomon Kublashvili, Thomas McComb, Ralph Rodriguez, Stanislaw Rzeznik, Jack York, and Steven Zemanek, with assistance from Christopher Lucas and Mahsa Gholizadeh, under the guidance of Christian Awuku-Budu, Chief of the Regional Product Division, and Mauricio Ortiz, Acting Associate Director for Regional Economics.

The staff would like to thank Nicholas Empey, Chief of the Data and Administrative Systems Branch; Elizabeth Cologer, Chief of the Data Coordination and Verification Section; Jake Dillon; Jeffrey Newman; Michael Paris; Callan Swenson, Chief of the Systems Integration and Modernization Section; and Jonas Wilson for their support in the production and review of the statistics and the preparation of data tables.

1. See Dunn, Abe, Kyle Hood, and Alexander Driessen, “[Measuring the Effects of the COVID-19 Pandemic on Consumer Spending Using Card Transaction Data](#),” BEA Working Paper Series, WP2020-5, April 2020.
2. See, for example, Friesen, Garth “[No End In Sight For The COVID-Led Global Supply Chain Disruption](#),” *Forbes*, September 3, 2021.
3. See “[The 2021 Annual Update of the National Income and Product Accounts](#),” *Survey of Current Business* 101 (August 2021).
4. See [How will the expansion of unemployment benefits in response to the COVID-19 pandemic be recorded in the NIPAs?](#), [How are federal economic impact payments to support individuals during the COVID-19 pandemic recorded in the NIPAs?](#), and [How does the federal response to the COVID-19 pandemic affect BEA's estimates of personal interest payments?](#) for additional details.
5. See <https://www.bls.gov/charts/employment-situation/civilian-unemployment-rate.htm>.
6. The Coronavirus Food Assistance Program, initially established by the CARES Act, provides direct support to farmers and ranchers where prices and market supply chains have been impacted by the COVID-19 pandemic.
7. The Paycheck Protection Program, initially established by the CARES Act, provides forgivable loans to help small businesses and nonprofit institutions make payroll and cover other expenses. It also provides funding to reimburse private lending institutions for the costs of administering these loans. For more information, see [How does the Paycheck Protection Program impact the national income and product accounts \(NIPAs\)?](#)
8. For more information about the adjustments, see the box “[Personal Income in the NIPAs and State Personal Income](#).”
9. The components of NIPA personal income are estimated independently of the components of state personal income, often using data sources that are not available for states. To reconcile the sum of state estimates with the adjusted NIPA estimates, the state estimates are adjusted proportionately. In other words, the adjusted NIPA estimates control the sum of the state estimates.
10. See Dunn, Abe, Kyle Hood, and Alexander Driessen, “[Measuring the Effects of the COVID-19 Pandemic on Consumer Spending Using Card Transaction Data](#),” BEA Working Paper Series, WP2020-5, April 2020.
11. See Rassier, Dylan G., Bettina H. Aten, Eric B. Figueroa, Solomon Kublashvili, Brian J. Smith, and Jack York (2021), “[Improved Measures of Housing Services for the U.S. Economic Accounts](#),” *Survey of Current Business*, May 2021.
12. A credit card intermediary company that provides detailed information on location of the consumer along with location of the firms.