

News Release

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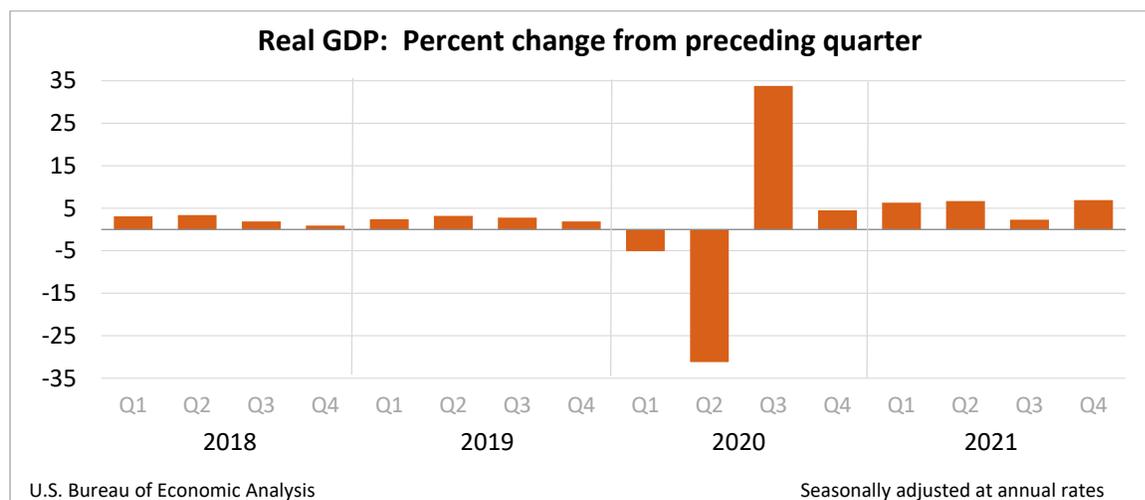
BEA 22-13

Technical:	Karl Rohrer (GDP)	(301) 278-9083	gdpniwd@bea.gov
	Kate Pinard (Corporate Profits)	(301) 278-9417	cpniwd@bea.gov
Media:	Jeannine Aversa	(301) 278-9003	Jeannine.Aversa@bea.gov

Gross Domestic Product (Third Estimate), Corporate Profits, and GDP by Industry, Fourth Quarter and Year 2021

Real gross domestic product (GDP) increased at an annual rate of 6.9 percent in the fourth quarter of 2021 (table 1), according to the "third" estimate released by the Bureau of Economic Analysis. In the third quarter, real GDP increased 2.3 percent.

The "third" estimate of GDP released today is based on more complete source data than were available for the "second" estimate issued last month. In the second estimate, the increase in real GDP was 7.0 percent. The downward revision primarily reflected downward revisions to personal consumption expenditures (PCE) and exports that were partly offset by an upward revision to private inventory investment (refer to "Updates to GDP").



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

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

The increase in fourth quarter GDP reflected the continued economic impact of the COVID-19 pandemic. In the fourth quarter, COVID-19 cases resulted in continued restrictions and disruptions in the operations 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 as provisions of several federal programs expired or tapered off. The full economic effects of the COVID-19 pandemic cannot be quantified in the GDP estimate for the fourth quarter because the impacts are generally embedded in source data and cannot be separately identified. For more information, refer to the [Technical Note](#) and [Federal Recovery Programs and BEA Statistics](#).

The increase in private inventory investment was led by retail and wholesale trade industries. Within retail, inventory investment by motor vehicle dealers was the leading contributor. The increase in exports reflected increases in both goods and services. The increase in exports of goods was widespread, and the leading contributors were consumer goods, foods, feeds, and beverages, as well as industrial supplies and materials. The increase in exports of services was led by travel. The increase in PCE primarily reflected an increase in services, led by health care, financial services and insurance, and recreation. The increase in nonresidential fixed investment primarily reflected an increase in intellectual property products that was partly offset by a decrease in structures.

The decrease in federal government spending primarily reflected a decrease in defense spending on intermediate goods and services. The decrease in state and local government spending reflected a decrease in gross investment (led by new educational structures). The increase in imports primarily reflected an increase in goods (led by nonfood and nonautomotive consumer goods, as well as capital goods).

Real GDP accelerated in the fourth quarter, increasing 6.9 percent after increasing 2.3 percent in the third quarter. The acceleration in real GDP primarily reflected an acceleration in private inventory investment, upturns in exports and in residential fixed investment, and an acceleration in consumer spending that were partly offset by a downturn in state and local government spending. Imports accelerated.

Current-dollar GDP increased 14.5 percent at an annual rate, or \$800.5 billion, in the fourth quarter to a level of \$24.00 trillion. In the third quarter, GDP increased 8.4 percent, or \$461.3 billion (table 1 and table 3). More information on the source data that underlie the estimates is available in the "[Key Source Data and Assumptions](#)" file on BEA's website.

The **price index for gross domestic purchases** increased 7.0 percent in the fourth quarter, compared with an increase of 5.6 percent in the third quarter (table 4). The **PCE price index** increased 6.4 percent, compared with an increase of 5.3 percent. Excluding food and energy prices, the PCE price index increased 5.0 percent, compared with an increase of 4.6 percent.

Gross Domestic Income and Corporate Profits

Real gross domestic income (GDI) increased 5.1 percent in the fourth quarter, compared with an increase of 6.4 percent in the third quarter. The **average of real GDP and real GDI**, a supplemental measure of U.S. economic activity that equally weights GDP and GDI, increased 6.0 percent in the fourth quarter, compared with an increase of 4.3 percent in the third quarter (table 1).

Profits from current production (corporate profits with inventory valuation and capital consumption adjustments) increased \$20.4 billion in the fourth quarter, compared with an increase of \$96.9 billion in the third quarter (table 10).

Profits of domestic financial corporations decreased \$1.3 billion in the fourth quarter, in contrast to an increase of \$14.2 billion in the third quarter. **Profits of domestic nonfinancial corporations** increased \$5.0 billion, compared with an increase of \$31.6 billion. **Rest-of-the-world profits** increased \$16.8 billion, compared with an increase of \$51.1 billion. In the fourth quarter, receipts increased \$12.6 billion, and payments decreased \$4.1 billion.

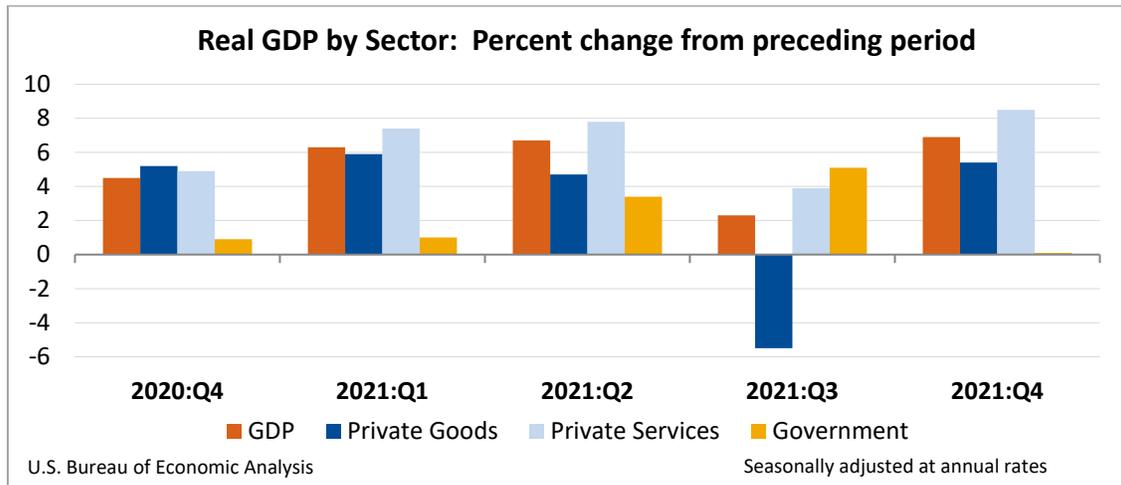
Updates to GDP

In the third estimate of the fourth quarter, real GDP increased 6.9 percent, 0.1 percentage point lower than in the second estimate. Downward revisions to PCE, exports, nonresidential fixed investment, and state and local government spending were partly offset by upward revisions to private inventory investment, residential fixed investment, and federal government spending. Imports were revised up. For more information, refer to the [Technical Note](#). For information on updates to GDP, refer to the "Additional Information" section that follows.

	<u>Advance Estimate</u>	<u>Second Estimate</u>	<u>Third Estimate</u>
	(Percent change from preceding quarter)		
Real GDP	6.9	7.0	6.9
Current-dollar GDP	14.3	14.6	14.5
Real GDI	...	...	5.1
Average of Real GDP and Real GDI	...	...	6.0
Gross domestic purchases price index	6.9	7.0	7.0
PCE price index	6.5	6.3	6.4
PCE price index excluding food and energy	4.9	5.0	5.0

Real GDP by Industry

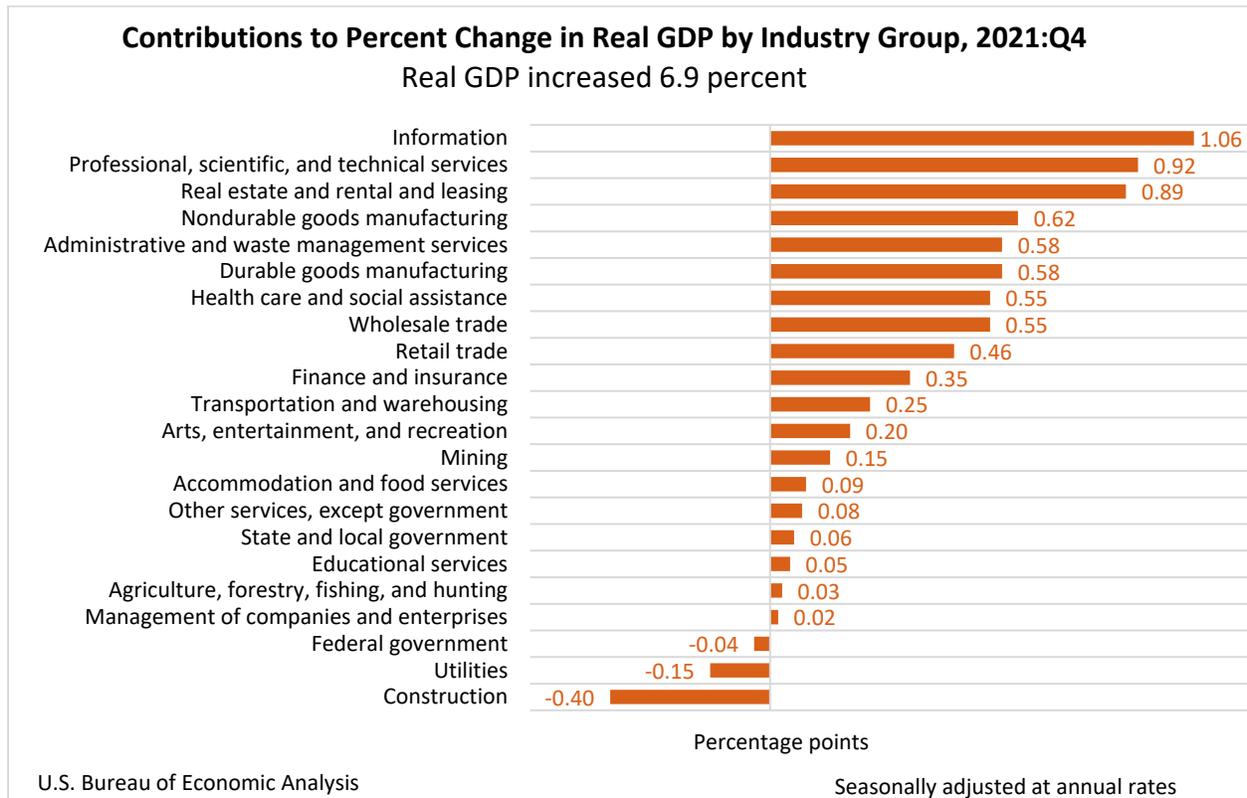
Today’s release includes estimates of **GDP by industry**, or value added—a measure of an industry’s contribution to GDP. In the fourth quarter, private goods-producing industries increased 5.4 percent, private services-producing industries increased 8.5 percent, and government increased 0.1 percent (table 12). Overall, 19 of 22 industry groups contributed to the fourth-quarter increase in real GDP (table 13).



Within private goods-producing industries, the increase primarily reflected increases in nondurable goods (led by chemical products as well as food and beverage and tobacco products) and durable goods (led by motor vehicles, bodies and trailers, and parts) that were partly offset by a decrease in construction.

Within private services-producing industries, the increase primarily reflected increases in information; professional, scientific, and technical services; real estate and rental and leasing (led by real estate); administrative and waste management services; health care and social assistance (led by ambulatory health care services); and wholesale trade. Partly offsetting these increases was a decrease in utilities.

The increase in the government sector reflected an increase in state and local government that was partly offset by a decrease in federal government.



Gross Output by Industry

Real gross output—principally a measure of an industry’s sales or receipts, which includes sales to final users in the economy (GDP) and sales to other industries (intermediate inputs)—increased 3.8 percent in the fourth quarter (table 16). An increase of 4.9 percent for private services-producing industries and an increase of 2.6 percent for private goods-producing industries were partly offset by a decrease of 0.8 percent for government. Overall, 15 of 22 industry groups contributed to the increase in real gross output.

GDP for 2021

Real GDP increased 5.7 percent, unrevised from the second estimate, in 2021 (from the 2020 annual level to the 2021 annual level), in contrast to a decrease of 3.4 percent in 2020. The increase in real GDP for 2021 primarily reflected increases in PCE, nonresidential fixed investment, exports, residential fixed investment, and private inventory investment. Imports increased (table 2).

The increase in PCE reflected increases in both goods and services. Within goods, the leading contributors were "other" nondurable goods (including games and toys as well as pharmaceuticals), clothing and footwear, and recreational goods and vehicles. Within services, the leading contributors were food services and accommodations as well as health care. The increase in nonresidential fixed investment reflected increases in equipment (led by information processing equipment) and in intellectual property products (led by software as well as research and development) that were partly offset by a decrease in structures (widespread across most categories). The increase in exports reflected an increase in goods (mainly nonautomotive capital goods) that was partly offset by a decrease in services (led by travel as well as royalties and license fees). The increase in residential fixed investment mainly reflected an increase in new single-family structures. The increase in private inventory investment primarily reflected an increase in wholesale trade (mainly in durable goods industries).

Current-dollar GDP increased 10.1 percent, or \$2.10 trillion, in 2021 to a level of \$23.00 trillion, unrevised from the second estimate. In 2020, current-dollar GDP decreased 2.2 percent, or \$478.9 billion (tables 1 and 3).

The **price index for gross domestic purchases** increased 3.9 percent, unrevised from the prior estimate, in 2021, compared with an increase of 1.2 percent in 2020 (table 4). Similarly, the **PCE price index** increased 3.9 percent, unrevised from the prior estimate, compared with an increase of 1.2 percent. Excluding food and energy prices, the PCE price index increased 3.3 percent, also unrevised from the prior estimate, compared with an increase of 1.4 percent.

Measured from the fourth quarter of 2020 to the fourth quarter of 2021, real GDP increased 5.5 percent (revised down 0.1 percentage point from the second estimate) during the period (table 6), in contrast to a decrease of 2.3 percent from the fourth quarter of 2019 to the fourth quarter of 2020.

The **price index for gross domestic purchases**, as measured from the fourth quarter of 2020 to the fourth quarter of 2021, increased 5.6 percent (unrevised from the second estimate), compared with an increase of 1.4 percent from the fourth quarter of 2019 to the fourth quarter of 2020. The PCE price index increased 5.5 percent, also unrevised from the prior estimate, compared with an increase of 1.2 percent. Excluding food and energy, the PCE price index increased 4.6 percent, unrevised from the prior estimate, compared with an increase of 1.4 percent.

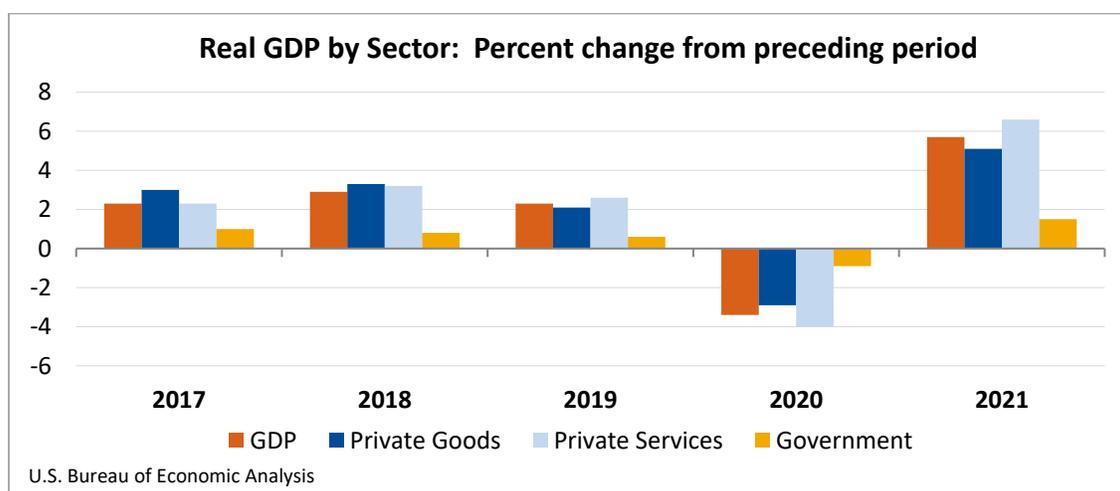
Gross Domestic Income and Corporate Profits for 2021

Real GDI increased 7.2 percent in 2021, in contrast to a decrease of 2.9 percent in 2020 (table 1). **The average of real GDP and real GDI** increased 6.4 percent in 2021, in contrast to a decrease of 3.2 percent in 2020.

In 2021, **profits from current production** increased \$562.0 billion, in contrast to a decrease of \$124.0 billion in 2020. Profits of domestic financial corporations increased \$64.3 billion, in contrast to a decrease of \$39.9 billion (table 10). Profits of domestic nonfinancial corporations increased \$461.0 billion, in contrast to a decrease of \$25.5 billion. Rest-of-the-world profits increased \$36.7 billion, in contrast to a decrease of \$58.7 billion.

Real GDP by Industry for 2021

In 2021, private services-producing industries led the increase in GDP, increasing 6.6 percent. Private goods-producing industries increased 5.1 percent and the government sector increased 1.5 percent (table 12). Overall, 19 of 22 industry groups contributed to the increase (table 13).



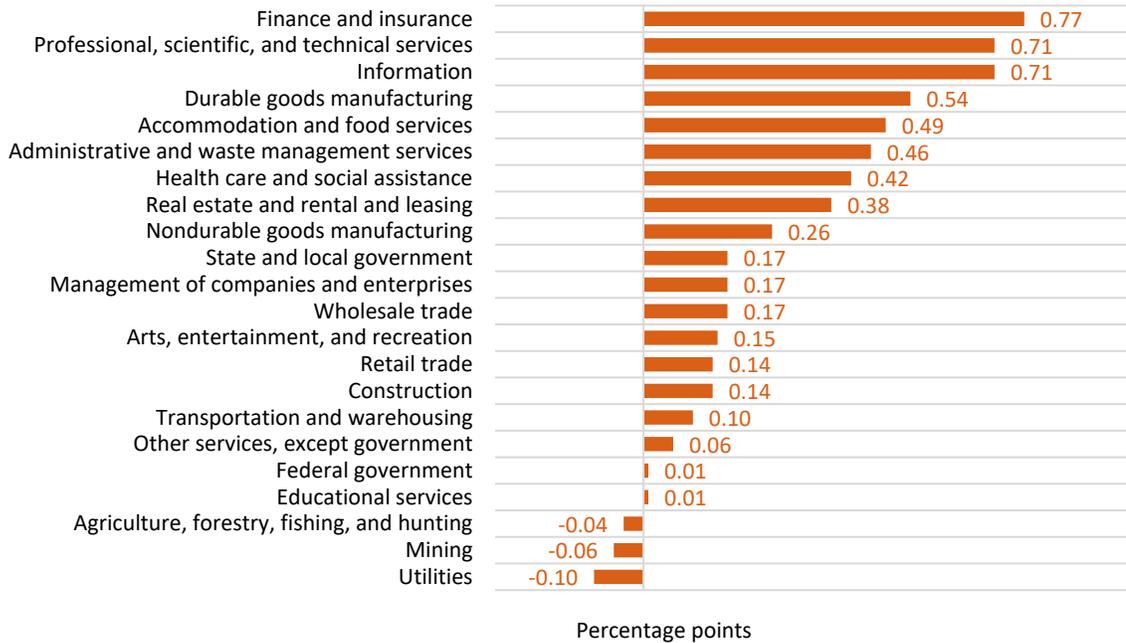
Within private goods-producing industries, the leading contributor to the increase was durable goods manufacturing (led by motor vehicles, bodies and trailers, and parts as well as computer and electronic products).

Increases within the private services-producing industries were widespread; the leading contributors to the increase were finance and insurance (led by Federal Reserve banks, credit intermediation, and related activities); professional, scientific, and technical services; information (led by data processing, internet publishing, and other information services); accommodation and food services (led by food services and drinking places); and administrative and waste management services.

The increase in government reflected increases in both state and local government and federal government.

Contributions to Percent Change in Real GDP by Industry Group, 2021

Real GDP increased 5.7 percent



U.S. Bureau of Economic Analysis

Real gross output in 2021 increased 6.4 percent. Private goods-producing industries increased 1.5 percent, private services-producing industries increased 9.1 percent, and government increased 1.4 percent (table 16). Overall, 18 of 22 industry groups contributed to the increase in real gross output.

Annual Update of the National Economic Accounts

BEA will release results from the 2022 annual update of the National Economic Accounts, which includes the National Income and Product Accounts as well as the Industry Economic Accounts, on September 29, 2022. This update will present revised statistics for GDP, GDP by Industry, and gross domestic income that cover the first quarter of 2017 through the first quarter of 2022. Refer to BEA's recent blog post, "[National, Industry, and State Annual Updates Will Be United in 2022](#)," for additional detail. More information on the 2022 annual update will be included on BEA's website as well as in a forthcoming *Survey of Current Business* article, "GDP and the Economy."

Next release, April 28, 2022, at 8:30 A.M. EDT
Gross Domestic Product, First Quarter 2022 (Advance Estimate)

Additional Information

Resources

Additional resources available at www.bea.gov:

- Information on COVID-19 and recovery impacts is available on our [website](#).
- Stay informed about BEA developments by reading the BEA [blog](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA_News](#).
- Historical time series for these estimates can be accessed in BEA's [interactive data application](#).
- Access BEA data by registering for BEA's data [application programming interface](#) (API).
- For more on BEA's statistics, refer to our monthly online journal, the [Survey of Current Business](#).
- BEA's [news release schedule](#)
- [NIPA Handbook](#): Concepts and Methods of the U.S. National Income and Product Accounts

Definitions

Gross domestic product (GDP), or **value added**, is the value of the goods and services produced by the nation's economy less the value of the goods and services used up in production. GDP is also equal to the sum of personal consumption expenditures, gross private domestic investment, net exports of goods and services, and government consumption expenditures and gross investment.

Gross domestic income (GDI) is the sum of incomes earned and costs incurred in the production of GDP. In national economic accounting, GDP and GDI are conceptually equal. In practice, GDP and GDI differ because they are constructed using largely independent source data.

Gross output is the value of the goods and services produced by the nation's economy. It is principally measured using industry sales or receipts, including sales to final users (GDP) and sales to other industries (intermediate inputs).

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

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

The **gross domestic purchases price index** measures the prices of final goods and services purchased by U.S. residents.

The **personal consumption expenditure price index** measures the prices paid for the goods and services purchased by, or on the behalf of, "persons."

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

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

Personal outlays is the sum of personal consumption expenditures, personal interest payments, and personal current transfer payments.

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

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

Profits from current production, referred to as corporate profits with inventory valuation adjustment (IVA) and capital consumption (CCAdj) adjustment in the National Income and Product Accounts (NIPAs), is a measure of the net income of corporations before deducting income taxes that is consistent with the value of goods and services measured in GDP. The IVA and CCAdj are adjustments that convert inventory withdrawals and depreciation of fixed assets reported on a tax-return, historical-cost basis to the current-cost economic measures used in the national income and product accounts. Profits for domestic industries reflect profits for all corporations located within the geographic borders of the United States. The rest-of-the-world (ROW) component of profits is measured as the difference between profits received from ROW and profits paid to ROW.

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

Statistical conventions

Annual-vs-quarterly rates. Quarterly seasonally adjusted values are expressed at annual rates, unless otherwise specified. This convention is used for BEA's featured, seasonally adjusted measures to facilitate comparisons with related and historical data. For details, refer to the FAQ "[Why does BEA publish estimates at annual rates?](#)"

Quarterly not seasonally adjusted values are expressed only at quarterly rates.

Percent changes. Percent changes in quarterly seasonally adjusted series are displayed at annual rates, unless otherwise specified. For details, refer to the FAQ "[How is average annual growth calculated?](#)" and "[Why does BEA publish percent changes in quarterly series at annual rates?](#)" Percent changes in quarterly not seasonally adjusted values are calculated from the same quarter one year ago. All published percent changes are calculated from unrounded data.

Calendar years and quarters. Unless noted otherwise, annual and quarterly data are presented on a calendar basis.

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

Chained-dollar values are calculated by multiplying the quantity index by the current dollar value in the reference year (2012) and then dividing by 100. Percent changes calculated from real quantity indexes and chained-dollar levels are conceptually the same; any differences are due to rounding. Chained-dollar values are not additive because the relative weights for a given period differ from those of the reference year. In tables that display chained-dollar values, a "residual" line shows the difference between the sum of detailed chained-dollar series and its corresponding aggregate.

Updates to GDP

BEA releases three vintages of the current quarterly estimate for GDP. "Advance" estimates are released near the end of the first month following the end of the quarter and are based on source data that are incomplete or subject to further revision by the source agency. "Second" and "third" estimates are released near the end of the second and third months, respectively, and are based on more detailed and more comprehensive data as they become available.

The table below shows the average revisions to the quarterly percent changes in real GDP between different estimate vintages, without regard to sign.

Vintage	Average Revision Without Regard to Sign (percentage points, annual rates)
Advance to second	0.5
Advance to third	0.6
Second to third	0.3
Note - Based on estimates from 1996 through 2020. For more information on GDP updates, refer to Revision Information on the BEA website.	

Annual and comprehensive updates are typically released in late July. Annual updates generally cover at least the 5 most recent calendar years (and their associated quarters) and incorporate newly available major annual source data as well as some changes in methods and definitions to improve the accounts. Comprehensive (or benchmark) updates are carried out at about 5-year intervals and incorporate major periodic source data, as well as major conceptual improvements.

Unlike GDP, advance current quarterly estimates of GDI and corporate profits are not released because data on domestic profits and on net interest of domestic industries are not available. For fourth quarter estimates, these data are not available until the third estimate.

GDP by industry and gross output estimates are released with the third estimate of GDP.

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- Appendix Table B. Not Seasonally Adjusted Real Gross Domestic Product: Level and Percent Change from Quarter One Year Ago

Table 1. Real Gross Domestic Product and Related Measures: Percent Change from Preceding Period

Line		2019	2020	2021 ^r	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^r	
1	Gross domestic product (GDP)	2.3	-3.4	5.7	3.1	3.4	1.9	0.9	2.4	3.2	2.8	1.9	-5.1	-31.2	33.8	4.5	6.3	6.7	2.3	6.9	1
2	Personal consumption expenditures	2.2	-3.8	7.9	2.4	3.5	2.7	1.7	0.6	3.6	3.2	1.7	-6.9	-33.4	41.4	3.4	11.4	12.0	2.0	2.5	2
3	Goods	3.4	4.6	12.2	1.4	4.2	2.9	2.1	1.3	7.0	4.9	1.8	0.3	-10.0	49.5	-0.3	27.4	13.0	-8.8	1.1	3
4	Durable goods	4.3	7.7	18.1	3.6	7.1	3.8	1.1	-0.7	10.8	8.5	5.0	-12.0	-1.5	89.0	1.1	50.0	11.6	-24.6	2.5	4
5	Nondurable goods	2.9	3.1	9.1	0.3	2.8	2.4	2.6	2.4	5.1	3.1	0.3	7.1	-13.9	31.8	-1.1	15.9	13.9	2.0	0.4	5
6	Services	1.7	-7.5	5.8	2.9	3.1	2.6	1.5	0.3	2.0	2.4	1.7	-10.0	-42.4	37.5	5.3	3.9	11.5	8.2	3.3	6
7	Gross private domestic investment	3.4	-5.5	9.8	8.5	0.7	9.7	2.2	6.4	2.6	1.1	-6.5	-5.3	-48.8	82.1	24.7	-2.3	-3.9	12.4	36.7	7
8	Fixed investment	3.2	-2.7	7.8	6.7	6.0	0.8	1.8	3.7	6.1	3.1	-1.1	-2.3	-30.4	27.5	17.7	13.0	3.3	-0.9	2.7	8
9	Nonresidential	4.3	-5.3	7.4	10.2	6.8	2.8	4.8	4.7	6.7	2.9	-1.7	-8.1	-30.3	18.7	12.5	12.9	9.2	1.7	2.9	9
10	Structures	2.0	-12.5	-8.0	20.2	7.1	-4.2	-12.8	4.4	14.3	14.0	-8.0	-0.9	-46.8	-15.3	-8.2	5.4	-3.0	-4.1	-8.3	10
11	Equipment	3.3	-8.3	13.1	5.6	3.0	5.4	10.3	4.4	2.5	-5.1	-4.9	-21.3	-36.2	55.9	26.4	14.1	12.1	-2.3	2.8	11
12	Intellectual property products	7.2	2.8	10.0	9.6	11.6	4.6	11.0	5.4	7.2	6.0	6.7	3.8	-10.6	8.1	10.2	15.6	12.5	9.1	8.9	12
13	Residential	-0.9	6.8	9.2	-4.2	3.3	-5.8	-8.3	0.1	4.1	3.6	1.1	20.4	-30.7	59.9	34.4	13.3	-11.7	-7.7	2.2	13
14	Change in private inventories																				14
15	Net exports of goods and services																				15
16	Exports	-0.1	-13.6	4.5	1.8	5.0	-6.1	0.5	3.1	-2.2	-0.8	1.2	-16.3	-59.9	54.5	22.5	-2.9	7.6	-5.3	22.4	16
17	Goods	-0.1	-10.2	7.6	1.6	11.3	-8.7	1.7	4.1	-5.1	1.1	-0.8	-4.8	-65.0	99.0	25.6	-1.4	6.4	-5.0	23.4	17
18	Services	-0.1	-19.8	-1.5	2.2	-6.1	-0.8	-1.7	1.4	3.6	-4.5	4.8	-34.8	-48.6	-4.9	16.0	-6.0	10.4	-5.9	19.9	18
19	Imports	1.2	-8.9	14.0	2.6	1.4	5.9	3.9	0.0	1.7	-1.1	-8.5	-13.1	-53.1	89.2	31.3	9.3	7.1	4.7	17.9	19
20	Goods	0.5	-5.6	14.6	4.3	0.3	7.3	2.5	0.0	0.0	-1.5	-9.7	-7.5	-49.2	103.7	30.1	10.6	4.3	-0.3	18.9	20
21	Services	3.9	-22.6	11.5	-4.9	6.8	0.3	10.4	-0.1	9.3	0.9	-3.8	-33.4	-67.6	29.7	37.5	2.2	23.6	35.0	13.1	21
22	Government consumption expenditures and gross investment	2.2	2.5	0.5	0.9	2.8	1.0	-0.8	2.7	5.0	2.1	3.0	3.7	3.9	-2.1	-0.5	4.2	-2.0	0.9	-2.6	22
23	Federal	3.8	5.0	0.6	1.8	5.1	3.4	1.9	1.4	8.9	3.6	3.5	2.4	20.6	-5.4	-3.1	11.3	-5.3	-5.1	-4.3	23
24	National defense	5.2	2.9	-0.9	-1.2	7.9	3.5	6.8	5.2	4.2	4.5	6.0	-0.7	3.2	1.7	5.3	-5.8	-1.1	-1.7	-6.0	24
25	Nondefense	1.6	8.1	2.8	6.3	1.1	3.4	-5.0	-3.9	16.2	2.2	0.0	7.4	50.1	-14.3	-14.1	40.8	-10.7	-9.5	-2.0	25
26	State and local	1.3	0.9	0.4	0.3	1.5	-0.5	-2.4	3.5	2.7	1.1	2.7	4.4	-5.5	0.1	1.2	-0.1	0.2	4.9	-1.6	26
	Addenda:																				
27	Gross domestic income (GDI) ¹	2.0	-2.9	7.2	4.0	0.8	5.1	1.5	2.3	0.8	0.9	3.0	-0.8	-32.7	24.4	19.6	6.3	4.3	6.4	5.1	27
28	Average of GDP and GDI	2.1	-3.2	6.4	3.6	2.1	3.5	1.2	2.3	2.0	1.9	2.4	-3.0	-32.0	29.0	11.9	6.3	5.5	4.3	6.0	28
29	Final sales of domestic product	2.2	-2.9	5.3	2.8	4.3	0.4	0.8	1.9	3.8	3.1	2.9	-4.6	-27.6	25.9	3.4	9.1	8.1	0.1	1.5	29
30	Gross domestic purchases	2.4	-3.0	6.9	3.2	2.9	3.5	1.4	2.0	3.6	2.6	0.5	-4.9	-30.8	37.8	6.1	7.7	6.7	3.5	6.9	30
31	Final sales to domestic purchasers	2.4	-2.5	6.5	2.9	3.8	2.1	1.3	1.5	4.2	3.0	1.5	-4.4	-27.3	29.9	5.0	10.4	8.0	1.3	1.7	31
32	Final sales to private domestic purchasers	2.4	-3.6	7.9	3.3	4.0	2.3	1.7	1.2	4.1	3.2	1.1	-6.0	-32.8	38.4	6.2	11.8	10.1	1.4	2.6	32
33	Gross national product (GNP)	2.1	-3.6	5.7	2.6	3.0	1.3	1.2	1.7	3.6	2.7	1.6	-5.4	-31.9	34.8	4.9	5.9	6.5	2.9	6.9	33
34	Disposable personal income	2.3	6.2	2.1	4.9	3.4	3.3	3.0	3.6	-1.4	2.3	2.4	3.1	48.5	-16.6	-8.3	54.7	-29.1	-4.1	-5.6	34
	Current-dollar measures:																				
35	GDP	4.1	-2.2	10.1	5.3	7.1	3.3	3.0	3.7	5.6	4.1	3.6	-3.9	-32.4	38.7	6.6	10.9	13.4	8.4	14.5	35
36	GDI	3.8	-1.8	11.6	6.3	4.4	6.5	3.7	3.5	3.2	2.3	4.7	0.5	-33.9	29.0	22.0	10.9	10.8	12.7	12.6	36
37	Average of GDP and GDI	4.0	-2.0	10.9	5.8	5.8	4.9	3.4	3.6	4.4	3.2	4.1	-1.7	-33.1	33.8	14.0	10.9	12.1	10.5	13.5	37
38	Final sales of domestic product	4.1	-1.6	9.8	5.3	7.6	2.2	2.8	3.1	6.2	4.6	4.5	-3.1	-28.6	30.4	5.7	14.0	14.9	6.2	8.7	38
39	Gross domestic purchases	4.0	-1.9	11.0	5.9	6.1	4.9	3.3	2.9	5.9	3.7	2.0	-3.6	-31.8	42.4	7.7	11.9	13.0	9.2	14.4	39
40	Final sales to domestic purchasers	3.9	-1.3	10.8	5.8	6.5	3.8	3.1	2.3	6.6	4.1	2.8	-2.9	-28.0	34.0	6.9	14.9	14.5	7.1	8.8	40
41	Final sales to private domestic purchasers	3.9	-2.4	12.0	5.9	6.5	3.8	3.3	2.0	6.7	4.3	2.5	-4.8	-33.5	43.1	7.9	16.0	16.8	7.1	9.6	41
42	GNP	3.9	-2.4	10.1	4.8	6.7	2.7	3.3	2.9	6.0	4.1	3.3	-4.2	-33.0	39.8	7.0	10.4	13.1	9.0	14.5	42
43	Disposable personal income	3.8	7.5	6.1	7.7	5.8	4.7	4.7	4.1	1.3	3.4	4.1	4.3	46.1	-13.6	-6.9	60.6	-24.5	1.0	0.4	43

^r Revised

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.

Source: U.S. Bureau of Economic Analysis

Table 2. Contributions to Percent Change in Real Gross Domestic Product

Line		2019	2020	2021 ^r	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^r	
	Percent change at annual rate:																				
1	Gross domestic product	2.3	-3.4	5.7	3.1	3.4	1.9	0.9	2.4	3.2	2.8	1.9	-5.1	-31.2	33.8	4.5	6.3	6.7	2.3	6.9	1
2	Percentage points at annual rates:																				
2	Personal consumption expenditures	1.48	-2.55	5.27	1.64	2.34	1.79	1.16	0.43	2.37	2.12	1.13	-4.79	-24.10	25.51	2.26	7.44	7.92	1.35	1.76	2
3	Goods	0.71	0.96	2.69	0.30	0.89	0.61	0.44	0.29	1.42	0.99	0.35	0.04	-1.89	9.92	-0.07	5.69	2.99	-2.21	0.28	3
4	Durable goods	0.30	0.54	1.39	0.26	0.50	0.27	0.08	-0.05	0.73	0.58	0.34	-0.89	0.01	5.49	0.10	3.50	1.01	-2.52	0.22	4
5	Motor vehicles and parts	-0.03	0.08	0.37	-0.12	0.09	0.01	-0.03	-0.37	0.19	0.12	0.16	-0.80	0.12	1.89	0.06	1.36	0.48	-2.18	-0.13	5
6	Furnishings and durable household equipment	0.06	0.13	0.27	0.11	0.11	0.10	-0.06	0.01	0.17	0.09	0.07	-0.02	-0.08	1.11	-0.12	0.82	0.00	-0.24	-0.09	6
7	Recreational goods and vehicles	0.23	0.35	0.43	0.23	0.20	0.15	0.09	0.25	0.37	0.28	0.10	0.10	0.73	1.07	0.01	0.84	0.29	-0.16	0.30	7
8	Other durable goods	0.05	-0.01	0.32	0.04	0.09	0.00	0.07	0.06	0.00	0.08	0.02	-0.17	-0.76	1.42	0.14	0.48	0.24	0.06	0.15	8
9	Nondurable goods	0.40	0.42	1.31	0.05	0.40	0.34	0.37	0.34	0.69	0.41	0.01	0.93	-1.90	4.43	-0.17	2.19	1.98	0.30	0.06	9
10	Food and beverages purchased for off-premises consumption	0.10	0.37	0.24	0.04	0.08	0.04	0.08	-0.04	0.29	0.25	-0.06	1.40	-0.18	0.25	-0.18	0.92	0.18	-0.02	-0.05	10
11	Clothing and footwear	0.06	-0.07	0.45	-0.01	0.06	0.16	-0.02	0.00	0.14	0.01	0.16	-0.67	-0.91	2.08	0.06	0.59	0.66	-0.01	-0.05	11
12	Gasoline and other energy goods	0.00	-0.20	0.13	-0.04	0.05	-0.04	0.02	0.00	0.03	-0.04	-0.07	-0.40	-0.81	0.74	-0.15	0.07	0.45	0.17	0.02	12
13	Other nondurable goods	0.25	0.33	0.48	0.06	0.20	0.17	0.28	0.38	0.24	0.19	-0.01	0.59	0.00	1.36	0.11	0.61	0.69	0.16	0.13	13
14	Services	0.78	-3.52	2.58	1.34	1.45	1.18	0.72	0.14	0.95	1.13	0.77	-4.83	-22.21	15.59	2.34	1.75	4.93	3.57	1.48	14
15	Household consumption expenditures (for services)	0.87	-3.85	2.92	1.15	1.29	1.11	0.37	0.73	1.06	1.12	0.86	-6.24	-23.46	17.38	2.50	2.06	5.35	3.64	1.40	15
16	Housing and utilities	0.11	0.13	0.14	0.10	0.20	0.04	0.33	-0.01	-0.01	0.24	0.14	-0.16	0.59	0.06	0.04	0.24	0.04	0.19	0.01	16
17	Health care	0.37	-0.97	0.79	0.30	0.25	0.61	-0.18	0.64	0.57	0.18	0.33	-1.99	-7.68	7.42	1.50	-0.50	1.10	0.53	0.41	17
18	Transportation services	0.08	-0.59	0.21	0.21	-0.06	-0.09	0.04	0.12	0.17	0.18	0.02	-0.67	-2.98	1.12	0.09	0.09	0.73	0.77	0.14	18
19	Recreation services	0.04	-0.82	0.33	0.24	0.00	0.09	0.02	-0.01	0.11	-0.02	0.10	-1.02	-4.27	2.18	0.10	0.49	0.73	0.52	0.33	19
20	Food services and accommodations	0.10	-1.04	0.88	0.19	0.11	0.33	-0.07	0.04	0.18	0.15	-0.01	-1.68	-5.59	4.40	-0.19	1.13	2.25	0.55	0.12	20
21	Financial services and insurance	-0.06	0.02	0.17	0.12	0.08	0.00	-0.03	-0.16	-0.15	0.00	0.11	-0.10	-0.02	0.43	0.33	0.27	-0.17	0.22	0.38	21
22	Other services	0.24	-0.57	0.39	-0.01	0.71	0.14	0.27	0.11	0.20	0.39	0.18	-0.63	-3.50	1.77	0.62	0.34	0.67	0.85	0.02	22
23	Final consumption expenditures of nonprofit institutions serving households	-0.09	0.33	-0.34	0.19	0.16	0.06	0.35	-0.60	-0.11	0.01	-0.08	1.42	1.25	-1.78	-0.16	-0.31	-0.42	-0.07	0.08	23
24	Gross output of nonprofit institutions	0.08	-0.20	0.05	0.12	0.54	0.39	-0.06	0.03	-0.01	0.00	0.02	-0.07	-1.58	0.84	0.66	-0.56	0.32	0.02	0.31	24
25	Less: Receipts from sales of goods and services by nonprofit institutions	0.17	-0.53	0.39	-0.07	0.38	0.33	-0.41	0.62	0.10	-0.01	0.10	-1.48	-2.83	2.62	0.82	-0.25	0.74	0.09	0.23	25
26	Gross private domestic investment	0.60	-0.99	1.72	1.45	0.14	1.64	0.39	1.13	0.48	0.22	-1.18	-0.92	-9.64	11.71	4.01	-0.37	-0.65	2.05	5.82	26
27	Fixed investment	0.55	-0.47	1.37	1.14	1.03	1.15	0.31	0.64	1.06	0.54	-0.19	-0.41	-5.63	4.88	2.92	2.35	0.61	-0.16	0.50	27
28	Nonresidential	0.59	-0.73	0.97	1.31	0.90	0.38	0.65	0.63	0.90	0.40	-0.23	-1.14	-4.28	2.72	1.57	1.65	1.21	0.22	0.40	28
29	Structures	0.06	-0.39	-0.23	0.57	0.22	-0.13	-0.42	0.13	0.42	0.42	-0.26	-0.02	-1.77	-0.46	-0.22	0.14	-0.08	-0.11	-0.22	29
30	Equipment	0.19	-0.48	0.69	0.32	0.18	0.31	0.57	0.25	0.15	-0.31	-0.29	-1.30	-1.99	2.73	1.29	0.75	0.66	-0.13	0.17	30
31	Information processing equipment	0.07	0.12	0.29	0.20	0.02	0.12	0.02	0.16	0.09	-0.07	0.04	-0.19	0.38	0.75	0.31	0.49	-0.17	-0.03	0.52	31
32	Industrial equipment	0.03	-0.06	0.16	0.08	0.03	0.05	0.11	-0.04	0.08	0.02	-0.16	-0.11	-0.24	0.26	0.21	0.08	0.35	0.08	0.17	32
33	Transportation equipment	0.04	-0.52	0.14	-0.01	-0.06	0.13	0.33	0.13	-0.13	-0.25	-0.11	-0.90	-1.77	1.03	0.61	0.08	0.43	-0.18	-0.40	33
34	Other equipment	0.05	-0.02	0.11	0.06	0.18	0.01	0.11	0.00	0.12	0.00	-0.06	-0.10	-0.37	0.69	0.17	0.10	0.04	-0.01	-0.13	34
35	Intellectual property products	0.33	0.14	0.51	0.42	0.51	0.21	0.49	0.25	0.34	0.29	0.32	0.18	-0.51	0.45	0.50	0.76	0.62	0.46	0.45	35
36	Software	0.14	0.15	0.28	0.24	0.26	0.12	0.19	0.05	0.11	0.17	0.21	0.23	-0.07	0.22	0.21	0.52	0.29	0.20	0.12	36
37	Research and development	0.19	0.02	0.21	0.16	0.23	0.07	0.28	0.21	0.22	0.10	0.10	-0.01	-0.34	0.28	0.27	0.25	0.28	0.18	0.24	37
38	Entertainment, literary, and artistic originals	0.01	-0.03	0.02	0.01	0.02	0.01	0.03	0.00	0.00	0.01	0.01	-0.04	-0.10	-0.05	0.02	0.00	0.05	0.08	0.09	38
39	Residential	-0.04	0.26	0.39	-0.17	0.13	-0.24	-0.34	0.00	0.15	0.14	0.04	0.73	-1.36	2.16	1.34	0.60	-0.60	-0.38	0.10	39
40	Change in private inventories	0.05	-0.52	0.35	0.31	-0.89	1.50	0.08	0.49	-0.57	-0.32	-0.99	-0.51	-4.01	6.84	1.10	-2.62	-1.26	2.20	5.32	40
41	Farm	-0.04	0.04	-0.02	0.00	-0.02	-0.05	-0.05	-0.14	0.04	0.03	0.08	0.03	0.10	0.06	-0.01	-0.06	-0.07	-0.02	-0.06	41
42	Nonfarm	0.09	-0.56	0.37	0.31	-0.87	1.55	0.13	0.63	-0.62	-0.35	-1.07	-0.54	-4.11	6.78	1.11	-2.56	-1.20	2.22	5.38	42
43	Net exports of goods and services	-0.18	-0.29	-1.40	-0.16	0.40	-1.66	-0.51	0.39	-0.50	0.07	1.43	-0.05	1.53	-3.25	-1.65	-1.56	-0.18	-1.26	-0.23	43
44	Exports	-0.01	-1.57	0.47	0.24	0.62	-0.78	0.05	0.36	-0.26	-0.08	0.17	-1.95	-8.34	4.64	2.07	-0.30	0.80	-0.59	2.24	44
45	Goods	0.00	-0.76	0.52	0.14	0.89	-0.75	0.13	0.31	-0.41	0.10	-0.04	-0.32	-6.24	4.75	1.59	-0.10	0.48	-0.39	1.64	45
46	Services	0.00	-0.81	-0.05	0.10	-0.27	-0.03	-0.08	0.05	0.15	-0.18	0.21	-1.63	-2.09	-0.11	0.49	-0.20	0.32	-0.19	0.59	46
47	Imports	-0.17	1.28	-1.88	-0.40	-0.22	-0.88	-0.57	0.02	-0.24	0.15	1.26	1.90	9.87	-7.89	-3.73	-1.26	-0.99	-0.68	-2.46	47
48	Goods	-0.07	0.65	-1.61	-0.54	-0.04	-0.87	-0.29	0.01	0.21	0.19	1.16	0.85	7.27	-7.37	-3.04	-1.21	-0.51	0.04	-2.16	48
49	Services	-0.11	0.63	-0.26	0.14	-0.18	-0.01	-0.27	0.01	-0.25	-0.03	0.10	1.05	2.59	-0.52	-0.69	-0.05	-0.48	-0.72	-0.31	49
50	Government consumption expenditures and gross investment	0.38	0.43	0.09	0.15	0.49	0.17	-0.14	0.47	0.86	0.36	0.52	0.63	0.97	-0.19	-0.09	0.77	-0.36	0.17	-0.46	50
51	Federal	0.25	0.33	0.04	0.12	0.32	0.22	0.12	0.09	0.57	0.23	0.23	0.16	1.42	-0.32	-0.22	0.78	-0.38	-0.35	-0.29	51
52	National defense	0.20	0.11	-0.04	-0.05	0.29	0.13	0.26	0.20	0.16	0.18	0.23	-0.03	0.16	0.11	0.2					

Table 3. Gross Domestic Product: Level and Change from Preceding Period--Continues

Line		Billions of dollars						Billions of chained (2012) dollars						Change from preceding period			Line
		2021 ^r	Seasonally adjusted at annual rates					2021 ^r	Seasonally adjusted at annual rates					2021 ^r	2021		
			2020	2021					2020	2021					Q3	Q4 ^r	
			Q4	Q1	Q2	Q3	Q4 ^r		Q4	Q1	Q2	Q3	Q4 ^r		Q3	Q4 ^r	
1	Gross domestic product (GDP)	22,996.1	21,477.6	22,038.2	22,741.0	23,202.3	24,002.8	19,427.3	18,767.8	19,055.7	19,368.3	19,478.9	19,806.3	1,042.6	110.6	327.4	1
2	Personal consumption expenditures	15,741.6	14,467.6	15,005.4	15,681.7	15,964.9	16,314.2	13,624.8	12,927.9	13,282.7	13,665.6	13,732.4	13,818.4	994.9	66.8	85.9	2
3	Goods	5,481.4	4,867.3	5,245.0	5,529.8	5,500.1	5,650.8	5,543.9	5,155.0	5,476.6	5,646.7	5,518.3	5,533.9	601.4	-128.4	15.6	3
4	Durable goods	2,026.2	1,759.2	1,957.8	2,092.2	1,995.2	2,059.7	2,225.1	2,036.4	2,253.5	2,316.2	2,158.5	2,171.9	340.8	-157.7	13.4	4
5	Motor vehicles and parts	700.1	602.1	674.9	758.1	667.9	699.4	623.2	589.7	661.2	686.1	576.0	569.7	81.3	-110.1	-6.3	5
6	Furnishings and durable household equipment	469.7	415.4	461.9	473.7	468.7	474.4	508.2	467.4	517.0	517.1	502.3	496.4	63.8	-14.8	-5.9	6
7	Recreational goods and vehicles	577.3	508.7	559.4	580.8	575.0	594.1	808.6	727.7	792.2	814.7	801.7	825.7	130.1	-13.0	23.9	7
8	Other durable goods	279.2	233.1	261.7	279.6	283.6	291.8	333.2	285.7	317.0	332.6	336.7	346.7	81.4	4.1	10.1	8
9	Nondurable goods	3,455.2	3,108.1	3,287.2	3,437.6	3,505.0	3,591.1	3,359.4	3,151.1	3,269.3	3,377.2	3,394.0	3,397.1	279.0	16.8	3.1	9
10	Food and beverages purchased for off-premises consumption	1,234.8	1,150.0	1,201.5	1,223.4	1,245.3	1,268.8	1,108.8	1,057.9	1,103.3	1,112.1	1,111.2	1,108.7	46.8	-0.9	-2.5	10
11	Clothing and footwear	468.7	395.6	436.8	477.0	479.7	481.4	494.3	431.8	466.2	505.2	504.3	501.4	104.1	-0.9	-2.8	11
12	Gasoline and other energy goods	359.4	247.9	300.3	345.5	376.2	415.8	423.6	388.3	393.7	425.5	437.1	438.2	37.3	11.6	1.2	12
13	Other nondurable goods	1,392.3	1,314.6	1,348.5	1,391.9	1,403.7	1,425.0	1,292.2	1,229.0	1,259.6	1,294.9	1,303.6	1,310.7	95.8	8.7	7.1	13
14	Services	10,260.1	9,600.4	9,760.4	10,151.9	10,464.8	10,663.4	8,258.1	7,917.0	7,993.4	8,214.3	8,378.5	8,446.2	449.6	164.3	67.7	14
15	Household consumption expenditures (for services)	9,777.2	9,109.0	9,281.7	9,684.8	9,984.4	10,157.9	7,903.2	7,531.9	7,622.4	7,863.1	8,031.4	8,095.7	509.7	168.3	64.3	15
16	Housing and utilities	2,776.7	2,699.7	2,727.2	2,753.4	2,792.6	2,833.4	2,147.9	2,132.5	2,142.4	2,143.9	2,152.5	2,152.8	23.7	8.6	0.3	16
17	Health care	2,545.3	2,457.2	2,464.2	2,534.4	2,574.5	2,608.2	2,198.6	2,164.4	2,140.7	2,193.6	2,219.8	2,240.2	146.8	26.2	20.3	17
18	Transportation services	430.1	352.8	356.8	417.3	467.8	478.6	378.5	325.8	330.1	366.5	405.2	412.1	41.4	38.7	6.9	18
19	Recreation services	502.7	415.0	442.5	490.5	525.9	551.9	412.2	349.0	371.1	404.6	428.9	444.5	58.7	24.3	15.6	19
20	Food services and accommodations	1,027.0	826.1	888.3	1,028.7	1,083.1	1,107.7	815.2	676.1	725.9	826.4	851.6	856.8	152.0	25.2	5.2	20
21	Financial services and insurance	1,270.8	1,222.0	1,244.9	1,256.4	1,276.3	1,305.7	877.7	864.7	874.7	867.9	876.6	891.4	26.1	8.7	14.8	21
22	Other services	1,224.6	1,136.1	1,157.8	1,204.0	1,264.1	1,272.4	1,077.8	1,015.5	1,031.8	1,064.4	1,107.2	1,107.9	73.9	42.8	0.7	22
23	Final consumption expenditures of nonprofit institutions serving households	482.9	491.4	478.7	467.1	480.4	505.5	355.9	383.2	370.1	352.2	349.1	352.4	-55.4	-3.1	3.3	23
24	Gross output of nonprofit institutions	1,722.7	1,685.5	1,672.7	1,708.5	1,733.1	1,776.4	1,377.9	1,388.1	1,363.0	1,377.4	1,378.4	1,392.7	8.6	1.0	14.2	24
25	Less: Receipts from sales of goods and services by nonprofit institutions	1,239.8	1,194.1	1,194.0	1,241.5	1,252.7	1,271.0	1,022.7	1,003.6	992.1	1,026.3	1,030.7	1,041.7	68.5	4.5	11.0	25
26	Gross private domestic investment	4,120.0	3,923.2	3,928.0	3,925.1	4,099.6	4,527.2	3,640.0	3,561.9	3,541.3	3,506.0	3,609.7	3,903.0	323.8	103.7	293.4	26
27	Fixed investment	4,139.8	3,865.9	4,022.2	4,099.4	4,159.8	4,277.8	3,587.8	3,456.6	3,564.1	3,593.0	3,585.0	3,609.1	258.4	-7.9	24.1	27
28	Nonresidential	3,053.7	2,862.7	2,956.7	3,029.2	3,073.9	3,154.9	2,868.5	2,726.2	2,810.4	2,873.1	2,884.8	2,905.5	197.4	11.8	20.7	28
29	Structures	580.2	552.3	565.0	572.8	581.9	601.2	454.7	456.1	462.1	458.6	453.8	444.1	-39.5	-4.8	-9.8	29
30	Equipment	1,274.9	1,197.5	1,244.5	1,270.4	1,277.2	1,307.7	1,304.8	1,237.1	1,278.5	1,315.7	1,307.9	1,317.0	150.8	-7.8	9.1	30
31	Information processing equipment	471.9	447.3	472.1	461.9	461.4	492.1	599.6	566.5	600.1	588.1	586.1	624.2	76.6	-2.0	38.1	31
32	Industrial equipment	287.6	253.4	260.8	284.7	294.9	310.1	260.8	238.8	243.0	260.9	265.1	274.0	32.0	4.2	8.9	32
33	Transportation equipment	221.2	217.1	225.4	231.2	222.3	205.8	219.2	208.7	212.6	236.1	225.8	202.3	27.9	-10.3	-23.5	33
34	Other equipment	294.3	279.7	286.3	292.6	298.6	299.6	260.6	256.1	260.8	262.9	262.5	256.0	20.4	-0.4	-6.5	34
35	Intellectual property products	1,198.5	1,112.9	1,147.2	1,186.0	1,214.9	1,246.0	1,135.0	1,053.0	1,091.9	1,124.6	1,149.3	1,174.0	103.6	24.7	24.7	35
36	Software	503.9	466.0	484.2	501.3	511.7	518.3	569.2	516.1	547.1	565.5	578.2	586.0	66.9	12.7	7.8	36
37	Research and development	600.9	561.3	576.3	594.5	607.2	625.6	496.9	469.0	480.1	493.0	501.6	513.1	38.1	8.6	11.5	37
38	Entertainment, literary, and artistic originals	93.7	85.6	86.7	90.2	95.9	102.1	82.9	78.0	78.0	80.3	84.2	88.9	3.2	3.9	4.7	38
39	Residential	1,086.1	1,003.2	1,065.5	1,070.2	1,085.9	1,122.9	707.7	708.2	730.6	708.2	694.2	697.9	59.7	-14.1	3.8	39
40	Change in private inventories	-19.9	57.3	-94.2	-174.3	-60.2	249.3	-32.6	88.8	-88.3	-168.5	-66.8	193.2	9.7	101.7	259.9	40
41	Farm	-5.4	-2.2	-3.3	-4.6	-5.1	-8.5	-22.9	-3.9	-15.7	-22.7	-24.3	-28.9	-15.2	-1.6	-4.6	41
42	Nonfarm	-14.4	59.4	-90.9	-169.7	-55.1	257.9	-14.0	90.2	-74.4	-147.7	-46.5	212.8	21.3	101.2	259.3	42

r Revised

1. Real gross domestic income is gross domestic income deflated by the implicit price deflator for gross domestic product.

Note. Users are cautioned that particularly for components that exhibit rapid change 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. For accurate estimates of the contributions to percent changes in real gross domestic product, use table 2.

Source: U.S. Bureau of Economic Analysis

Table 3. Gross Domestic Product: Level and Change from Preceding Period--Table Ends

Line		Billions of dollars						Billions of chained (2012) dollars						Change from preceding period			Line
		2021 ^r	Seasonally adjusted at annual rates					2021 ^r	Seasonally adjusted at annual rates					2021 ^r	2021		
			2020	2021					2020	2021					Q3	Q4 ^r	
				Q4	Q1	Q2	Q3			Q4 ^r	Q4	Q1	Q2					Q3	Q4^{r}
43	Net exports of goods and services	-918.2	-798.4	-872.5	-881.7	-947.0	-971.4	-1,284.3	-1,132.8	-1,226.1	-1,244.5	-1,316.6	-1,350.1	-341.6	-72.0	-33.6	43
44	Exports	2,478.3	2,220.7	2,311.9	2,461.5	2,485.2	2,654.5	2,307.5	2,279.0	2,262.3	2,304.2	2,273.0	2,390.6	100.0	-31.1	117.6	44
45	Goods	1,740.5	1,520.8	1,607.5	1,726.8	1,750.7	1,877.0	1,728.7	1,703.1	1,696.9	1,723.5	1,701.3	1,793.0	121.9	-22.1	91.7	45
46	Services	737.8	699.9	704.4	734.8	734.6	777.4	607.7	603.4	594.1	609.0	599.8	627.7	-9.6	-9.2	27.9	46
47	Imports	3,396.5	3,019.1	3,184.5	3,343.2	3,432.3	3,625.9	3,591.9	3,411.8	3,488.4	3,548.7	3,589.6	3,740.8	441.6	40.9	151.2	47
48	Goods	2,850.4	2,540.8	2,698.1	2,819.0	2,857.4	3,027.1	3,150.5	3,015.4	3,092.7	3,125.5	3,122.8	3,261.1	400.3	-2.7	138.3	48
49	Services	546.1	478.3	486.4	524.2	574.8	598.8	472.3	430.7	433.0	456.6	492.2	507.6	48.5	35.6	15.4	49
50	Government consumption expenditures and gross investment	4,052.7	3,885.3	3,977.3	4,015.9	4,084.9	4,132.9	3,376.3	3,356.0	3,390.9	3,373.8	3,381.6	3,359.0	16.1	7.8	-22.6	50
51	Federal	1,565.0	1,512.3	1,568.6	1,563.3	1,562.0	1,566.2	1,348.9	1,338.8	1,375.2	1,356.7	1,339.1	1,324.3	8.2	-17.6	-14.8	51
52	National defense	905.3	900.8	897.1	904.1	910.9	909.0	793.5	812.0	799.9	797.8	794.3	782.0	-7.4	-3.5	-12.2	52
53	Consumption expenditures	708.8	713.5	707.4	710.0	710.3	707.6	614.7	637.9	624.6	620.1	612.4	601.7	-16.6	-7.7	-10.7	53
54	Gross investment	196.4	187.3	189.7	194.1	200.6	201.5	179.8	174.7	176.1	178.6	183.1	181.6	9.7	4.5	-1.5	54
55	Nondefense	659.7	611.5	671.6	659.2	651.1	657.1	554.1	526.7	573.7	557.7	543.9	541.2	15.1	-13.8	-2.7	55
56	Consumption expenditures	496.1	450.6	512.6	498.1	485.8	488.1	410.0	382.3	431.0	414.6	399.2	395.4	15.8	-15.4	-3.8	56
57	Gross investment	163.6	160.9	159.0	161.1	165.3	169.1	144.0	144.8	142.2	142.9	144.9	146.1	-0.9	2.0	1.2	57
58	State and local	2,487.7	2,373.0	2,408.7	2,452.6	2,522.9	2,566.7	2,027.8	2,017.6	2,017.1	2,017.9	2,042.1	2,034.0	7.8	24.3	-8.1	58
59	Consumption expenditures	2,045.4	1,924.7	1,966.5	2,015.3	2,080.6	2,119.3	1,669.9	1,636.7	1,646.7	1,659.7	1,687.5	1,685.8	27.4	27.9	-1.7	59
60	Gross investment	442.3	448.3	442.2	437.3	442.3	447.4	357.8	380.9	370.3	358.2	354.6	348.3	-19.5	-3.5	-6.3	60
61	Residual	.....	.....	.....	.....	.....	.....	-133.3	-123.8	-121.4	-148.2	-132.9	-130.5	.....	.....	.....	61
	Addenda:																
62	Gross domestic income (GDI) ¹	23,515.6	21,972.6	22,547.9	23,132.7	23,833.2	24,548.6	19,866.2	19,200.3	19,496.4	19,701.9	20,008.5	20,256.7	1,331.4	306.6	248.2	62
63	Average of GDP and GDI	23,255.8	21,725.1	22,293.1	22,936.8	23,517.8	24,275.7	19,646.7	18,984.0	19,276.0	19,535.1	19,743.7	20,031.5	1,187.0	208.6	287.8	63
64	Final sales of domestic product	23,015.9	21,420.3	22,132.5	22,915.3	23,262.5	23,753.5	19,375.8	18,664.8	19,076.1	19,449.3	19,453.4	19,524.3	979.8	4.2	70.9	64
65	Gross domestic purchases	23,914.3	22,276.0	22,910.8	23,622.6	24,149.4	24,974.2	20,633.3	19,841.7	20,211.1	20,540.9	20,716.4	21,064.6	1,326.7	175.5	348.2	65
66	Final sales to domestic purchasers	23,934.1	22,218.8	23,005.0	23,797.0	24,209.6	24,724.9	20,582.0	19,738.3	20,233.6	20,625.1	20,691.8	20,777.7	1,262.3	66.6	86.0	66
67	Final sales to private domestic	19,881.4	18,333.5	19,027.7	19,781.1	20,124.7	20,592.0	17,212.3	16,384.1	16,846.3	17,258.3	17,317.3	17,427.3	1,253.3	59.0	110.0	67
68	Gross domestic product	22,996.1	21,477.6	22,038.2	22,741.0	23,202.3	24,002.8	19,427.3	18,767.8	19,055.7	19,368.3	19,478.9	19,806.3	1,042.6	110.6	327.4	68
69	Plus: Income receipts from the rest of the world	1,145.0	1,043.2	1,081.6	1,112.4	1,184.1	1,202	981.5	922.3	948.3	961.2	1,009.1	1,007.2	97.7	47.9	-1.9	69
70	Less: Income payments to the rest of the world	892.5	792.5	846.7	882.0	916.4	925.1	765.2	702.5	742.4	762.1	781.0	775.2	78.5	18.9	-5.8	70
71	Equals: Gross national product	23,248.5	21,728.2	22,273.1	22,971.4	23,470.0	24,279.7	19,644.0	18,987.9	19,262.1	19,568.1	19,707.3	20,038.6	1,061.7	139.2	331.3	71
72	Net domestic product	19,148.2	17,838.2	18,342.3	18,953.1	19,306.5	19,991.0	16,109.7	15,520.3	15,780.6	16,063.6	16,147.0	16,447.6	941.6	83.4	300.6	72

^r Revised

1. Real gross domestic income is gross domestic income deflated by the implicit price deflator for gross domestic product.

Note. Users are cautioned that particularly for components that exhibit rapid change 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. For accurate estimates of the contributions to percent changes in real gross domestic product, use table 2.

Source: U.S. Bureau of Economic Analysis

Table 4. Price Indexes for Gross Domestic Product and Related Measures: Percent Change from Preceding Period

Line		2019	2020	2021 ^r	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^r	
1	Gross domestic product (GDP)	1.8	1.3	4.2	2.4	3.1	1.8	2.0	1.1	2.3	1.4	1.5	1.6	-1.5	3.6	2.2	4.3	6.1	6.0	7.1	1
2	Personal consumption expenditures	1.5	1.2	3.9	2.7	2.4	1.3	1.6	0.4	2.7	1.1	1.7	1.3	-1.6	3.7	1.5	3.8	6.5	5.3	6.4	2
3	Goods	-0.5	-0.7	5.0	1.9	1.0	-1.1	-0.6	-1.9	2.0	-1.8	0.7	-1.1	-5.6	4.9	0.3	5.9	9.3	7.3	10.2	3
4	Durable goods	-1.2	-0.8	6.3	-1.2	-0.8	-1.8	-1.2	-0.5	-0.6	-2.2	-2.7	-1.5	-2.9	7.6	0.2	2.3	16.8	9.7	10.8	4
5	Nondurable goods	-0.1	-0.7	4.3	3.6	2.0	-0.8	-0.4	-2.5	3.4	-1.5	2.5	-0.9	-6.9	3.5	0.4	8.0	5.0	5.9	9.8	5
6	Services	2.4	2.1	3.3	3.0	3.0	2.5	2.7	1.5	3.1	2.5	2.2	2.4	0.4	3.1	2.1	2.8	5.0	4.3	4.4	6
7	Gross private domestic investment	1.6	1.2	3.3	2.2	2.5	1.8	1.2	2.3	1.8	0.8	0.0	1.8	0.3	2.8	1.9	2.8	2.9	6.1	8.8	7
8	Fixed investment	1.6	1.2	3.9	2.3	2.6	1.8	1.3	2.3	1.7	0.9	0.1	1.5	1.3	2.2	1.9	3.7	4.5	7.0	8.9	8
9	Nonresidential	1.3	0.6	1.6	0.4	1.3	1.3	0.9	2.3	1.7	0.2	-0.6	1.3	1.5	0.1	0.4	0.8	0.9	4.3	7.8	9
10	Structures	4.1	1.5	5.6	-0.4	2.2	2.2	6.3	4.6	4.8	2.5	2.1	1.9	-0.6	1.0	0.5	3.9	8.9	11.1	24.4	10
11	Equipment	0.1	-0.4	0.3	-0.5	0.2	1.5	-0.4	0.9	-0.2	-1.2	-0.6	0.7	0.0	-1.7	-2.2	2.2	-3.2	4.6	6.9	11
12	Intellectual property products	0.9	1.4	1.0	1.9	2.0	0.3	-0.8	2.4	1.9	0.6	-2.3	1.6	4.3	1.6	3.2	-2.3	1.5	0.9	1.6	12
13	Residential	2.9	3.3	11.0	9.1	7.0	3.8	2.4	2.4	2.0	3.2	2.4	2.4	0.9	9.3	6.5	12.4	15.3	14.8	11.9	13
14	Change in private inventories	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
15	Net exports of goods and services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
16	Exports	-0.5	-2.5	11.8	3.6	5.3	0.9	-1.6	-3.5	3.7	-2.4	-1.5	-2.1	-17.5	13.4	6.2	21.0	19.4	9.7	6.4	16
17	Goods	-1.6	-4.0	14.5	3.9	6.2	0.6	-3.1	-5.2	2.7	-4.2	-1.4	-4.2	-21.9	16.2	6.9	26.7	25.1	11.3	7.1	17
18	Services	1.7	0.4	6.0	3.0	3.6	1.5	1.3	-0.2	5.5	1.1	-1.6	2.5	-8.7	8.5	4.7	9.2	7.2	6.1	4.6	18
19	Imports	-1.6	-2.2	7.4	6.5	1.6	0.6	-2.5	-4.6	2.8	-3.8	-2.0	-1.1	-11.9	8.0	2.2	13.3	13.4	6.1	5.6	19
20	Goods	-2.1	-2.8	7.8	7.0	1.5	0.3	-3.2	-5.7	3.0	-4.7	-2.7	-1.5	-13.4	8.7	1.8	14.9	14.2	5.9	5.9	20
21	Services	0.9	0.5	5.2	4.2	2.3	2.0	0.3	0.3	1.7	0.0	1.0	0.6	-4.1	4.5	4.9	4.6	9.2	7.0	4.1	21
22	Government consumption expenditures and gross investment	1.7	1.4	4.5	4.5	3.9	3.2	2.7	0.9	0.8	1.0	1.3	2.8	-0.9	2.4	3.0	5.4	6.1	6.1	7.6	22
23	Federal	1.8	1.1	3.6	3.9	3.0	2.3	3.2	4.3	-2.8	1.3	1.4	1.2	0.2	3.0	2.5	4.0	4.1	5.0	5.7	23
24	National defense	1.6	1.1	3.7	3.9	3.1	2.3	1.8	1.3	1.1	1.3	1.4	0.9	-1.3	3.6	2.5	4.4	4.3	4.9	5.5	24
25	Nondefense	2.2	1.2	3.5	3.8	2.8	2.4	5.3	8.8	-8.3	1.4	1.5	1.7	2.2	2.2	2.5	3.3	3.9	5.2	5.8	25
26	State and local	1.7	1.6	5.1	4.8	4.5	3.7	2.4	-1.0	3.1	0.8	1.2	3.8	-1.5	2.0	3.3	6.3	7.3	6.7	8.9	26
27	Addenda:																				
27	Final sales of domestic product	1.8	1.3	4.3	2.4	3.1	1.8	2.0	1.1	2.3	1.4	1.5	1.5	-1.3	3.5	2.2	4.5	6.3	6.1	7.1	27
28	Gross domestic purchases	1.5	1.2	3.9	2.9	2.6	1.7	1.7	0.8	2.2	1.0	1.3	1.6	-1.2	3.3	1.8	3.9	5.8	5.6	7.0	28
29	Final sales to domestic purchasers	1.5	1.2	4.0	2.9	2.7	1.7	1.7	0.8	2.2	1.1	1.4	1.6	-1.0	3.2	1.8	4.1	6.0	5.7	7.0	29
30	Final sales to private domestic purchasers	1.5	1.2	3.9	2.6	2.4	1.4	1.6	0.8	2.5	1.1	1.4	1.3	-1.0	3.4	1.6	3.8	6.0	5.7	6.9	30
31	Gross national product (GNP)	1.8	1.3	4.2	2.4	3.1	1.8	2.0	1.1	2.3	1.4	1.5	1.6	-1.5	3.6	2.2	4.3	6.1	6.0	7.1	31
32	GDP excluding food and energy ¹	1.9	1.5	3.7	2.8	3.1	1.9	2.1	1.5	2.5	1.6	1.2	2.1	-0.8	3.2	1.9	3.4	5.8	5.3	6.4	32
33	Gross domestic purchases excluding food and energy ¹	1.7	1.4	3.6	2.8	2.7	1.8	1.9	1.3	1.9	1.5	1.1	1.9	-0.4	3.1	1.7	3.2	5.6	5.1	6.2	33
34	PCE excluding food and energy ¹	1.7	1.4	3.3	2.4	2.4	1.4	1.9	1.1	2.3	1.8	1.4	1.7	-0.8	3.5	1.2	2.7	6.1	4.6	5.0	34
35	Market-based PCE ²	1.3	1.1	3.6	2.2	2.3	1.0	1.3	0.7	2.3	0.7	1.7	1.1	-1.0	2.8	1.3	3.9	5.8	5.3	6.0	35
36	Market-based PCE excluding food and energy ^{1,2}	1.5	1.3	3.0	1.9	2.3	1.0	1.6	1.6	1.8	1.4	1.2	1.6	0.2	2.5	1.0	2.5	5.3	4.3	4.4	36
37	Implicit price deflators:																				
37	GDP	1.8	1.2	4.2	2.2	3.6	1.3	2.1	1.2	2.3	1.3	1.6	1.3	-1.7	3.7	1.9	4.3	6.2	5.9	7.1	37
38	Gross domestic purchases	1.6	1.1	3.9	2.6	3.1	1.3	1.9	0.9	2.2	1.0	1.5	1.3	-1.4	3.3	1.6	3.9	5.9	5.6	7.0	38
39	GNP	1.8	1.2	4.1	2.2	3.6	1.3	2.1	1.2	2.3	1.3	1.6	1.3	-1.7	3.7	2.0	4.3	6.2	5.9	7.1	39

r Revised

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

2. This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Source: U.S. Bureau of Economic Analysis

Table 5. Real Gross Domestic Product: Annual Percent Change

Line		Percent change from preceding year								Percent change from fourth quarter to fourth quarter one year ago								Line
		2014	2015	2016	2017	2018	2019	2020	2021 ^r	2014	2015	2016	2017	2018	2019	2020	2021 ^r	
1	Gross domestic product (GDP)	2.3	2.7	1.7	2.3	2.9	2.3	-3.4	5.7	2.6	1.9	2.0	2.7	2.3	2.6	-2.3	5.5	1
2	Personal consumption expenditures (PCE)	2.7	3.3	2.5	2.4	2.9	2.2	-3.8	7.9	3.5	2.6	2.3	2.8	2.6	2.3	-2.4	6.9	2
3	Goods	4.1	4.8	3.4	3.9	4.0	3.4	4.6	12.2	5.0	3.8	3.4	5.1	2.7	3.7	7.7	7.4	3
4	Durable goods	7.2	7.6	5.4	6.3	7.0	4.3	7.7	18.1	9.2	6.0	6.3	7.9	3.9	5.8	13.5	6.7	4
5	Nondurable goods	2.6	3.4	2.5	2.7	2.5	2.9	3.1	9.1	3.2	2.8	2.0	3.7	2.0	2.7	4.7	7.8	5
6	Services	2.0	2.6	2.0	1.8	2.4	1.7	-7.5	5.8	2.7	2.1	1.8	1.8	2.5	1.6	-6.9	6.7	6
7	Gross private domestic investment	5.6	5.5	-1.0	4.0	5.7	3.4	-5.5	9.8	5.3	2.3	1.8	4.2	5.2	0.8	2.4	9.6	7
8	Fixed investment	6.6	3.8	2.1	4.1	4.8	3.2	-2.7	7.8	7.0	1.7	2.8	4.7	3.8	2.9	0.5	4.4	8
9	Nonresidential	7.2	2.3	0.9	4.1	6.4	4.3	-5.3	7.4	6.9	-0.1	2.5	4.7	6.1	3.1	-3.8	6.6	9
10	Structures	11.0	-0.9	-4.3	4.2	4.0	2.0	-12.5	-8.0	9.3	-7.3	3.6	0.0	1.8	5.8	-20.0	-2.6	10
11	Equipment	7.0	3.0	-1.8	2.8	6.4	3.3	-8.3	13.1	5.6	1.5	-2.2	6.4	6.0	-0.9	-0.3	6.5	11
12	Intellectual property products	4.8	3.8	8.8	5.7	8.1	7.2	2.8	10.0	6.9	3.3	8.4	5.8	9.2	6.3	2.5	11.5	12
13	Residential	3.8	10.2	6.6	4.0	-0.6	-0.9	6.8	9.2	7.7	9.2	4.0	4.5	-3.9	2.2	15.7	-1.5	13
14	Change in private inventories																	14
15	Net exports of goods and services																	15
16	Exports	3.9	0.3	0.4	4.1	2.8	-0.1	-13.6	4.5	2.4	-1.5	1.3	5.9	0.2	0.3	-10.7	4.9	16
17	Goods	4.5	-0.4	0.6	4.1	4.2	-0.1	-10.2	7.6	2.7	-2.8	2.4	6.0	1.2	-0.2	-4.5	5.3	17
18	Services	2.7	1.5	0.0	4.0	0.2	-0.1	-19.8	-1.5	1.9	1.2	-0.7	5.7	-1.6	1.3	-22.0	4.0	18
19	Imports	5.2	5.2	1.5	4.4	4.1	1.2	-8.9	14.0	6.5	3.3	2.2	5.1	3.4	-2.0	0.3	9.6	19
20	Goods	5.6	5.8	1.1	4.5	5.1	0.5	-5.6	14.6	7.0	3.3	2.6	5.5	3.5	-2.9	5.7	8.1	20
21	Services	3.2	2.5	3.0	4.3	0.0	3.9	-22.6	11.5	4.3	3.1	0.3	3.5	3.0	1.5	-21.3	17.9	21
22	Government consumption expenditures and gross investment	-0.9	1.8	2.0	0.5	1.4	2.2	2.5	0.5	0.3	2.2	1.6	0.7	1.0	3.2	1.2	0.1	22
23	Federal	-2.6	0.0	0.5	0.3	3.0	3.8	5.0	0.6	-1.0	1.2	0.1	1.3	3.0	4.3	3.1	-1.1	23
24	National defense	-4.1	-2.1	-0.6	0.9	3.4	5.2	2.9	-0.9	-3.4	-0.4	-0.6	2.2	4.2	5.0	2.3	-3.7	24
25	Nondefense	0.0	3.3	2.1	-0.5	2.5	1.6	8.1	2.8	2.8	3.7	1.1	0.0	1.4	3.4	4.4	2.8	25
26	State and local	0.2	3.0	2.8	0.6	0.4	1.3	0.9	0.4	1.2	2.8	2.5	0.4	-0.3	2.5	0.0	0.8	26
	Addenda:																	
27	Gross domestic income (GDI) ¹	3.1	2.5	0.9	2.4	2.9	2.0	-2.9	7.2	4.0	1.2	1.2	2.9	2.9	1.8	-0.2	5.5	27
28	Average of GDP and GDI	2.7	2.6	1.3	2.3	2.9	2.1	-3.2	6.4	3.3	1.5	1.6	2.8	2.6	2.2	-1.2	5.5	28
29	Final sales of domestic product	2.4	2.4	2.2	2.3	2.8	2.2	-2.9	5.3	2.8	1.8	2.2	2.8	2.1	2.9	-2.6	4.6	29
30	Gross domestic purchases	2.5	3.4	1.8	2.4	3.1	2.4	-3.0	6.9	3.2	2.5	2.1	2.7	2.7	2.2	-1.0	6.2	30
31	Final sales to domestic purchasers	2.7	3.1	2.3	2.4	3.0	2.4	-2.5	6.5	3.5	2.4	2.3	2.8	2.5	2.5	-1.3	5.3	31
32	Final sales to private domestic purchasers	3.5	3.4	2.4	2.8	3.3	2.4	-3.6	7.9	4.2	2.5	2.4	3.2	2.8	2.4	-1.8	6.4	32
33	Gross national product	2.3	2.6	1.7	2.5	2.8	2.1	-3.6	5.7	2.4	1.9	2.2	3.0	2.0	2.4	-2.3	5.5	33
34	Real disposable personal income	3.8	4.0	1.8	2.8	3.4	2.3	6.2	2.1	5.2	2.8	1.6	3.1	3.7	1.7	4.0	-0.2	34
	Price indexes:																	
35	Gross domestic purchases	1.7	0.3	0.7	1.9	2.3	1.5	1.2	3.9	1.3	0.1	1.3	2.0	2.2	1.4	1.4	5.6	35
36	Gross domestic purchases excluding food and energy ²	1.8	1.0	1.1	1.8	2.3	1.7	1.4	3.6	1.6	0.7	1.5	1.9	2.3	1.4	1.5	5.0	36
37	GDP	1.9	1.0	1.0	1.9	2.4	1.8	1.3	4.2	1.5	0.8	1.5	2.1	2.3	1.6	1.5	5.9	37
38	GDP excluding food and energy ²	2.0	1.2	1.3	1.9	2.4	1.9	1.5	3.7	1.7	1.0	1.7	2.0	2.5	1.7	1.6	5.2	38
39	PCE	1.5	0.2	1.0	1.8	2.1	1.5	1.2	3.9	1.2	0.2	1.5	1.9	2.0	1.5	1.2	5.5	39
40	PCE excluding food and energy ²	1.6	1.3	1.6	1.7	2.0	1.7	1.4	3.3	1.5	1.1	1.8	1.7	2.0	1.6	1.4	4.6	40
41	Market-based PCE ³	1.1	-0.1	0.7	1.5	1.8	1.3	1.1	3.6	0.7	0.0	1.2	1.5	1.7	1.3	1.0	5.3	41
42	Market-based PCE excluding food and energy ^{2,3}	1.1	1.0	1.3	1.2	1.6	1.5	1.3	3.0	1.1	1.1	1.4	1.2	1.7	1.5	1.3	4.2	42

r Revised

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.

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

3. This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Note. Estimates under the *Percent change from the preceding year* columns are calculated from annual data. Estimates under the *Percent change from fourth quarter to fourth quarter* columns are calculated from fourth quarter values relative to the same quarter one year prior.

Source: U.S. Bureau of Economic Analysis

Table 6. Real Gross Domestic Product: Percent Change from Quarter One Year Ago

Line		2018				2019				2020				2021				Line
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^r	
1	Gross domestic product (GDP)	3.0	3.3	3.1	2.3	2.2	2.1	2.3	2.6	0.6	-9.1	-2.9	-2.3	0.5	12.2	4.9	5.5	1
2	Personal consumption expenditures (PCE)	2.7	3.1	3.2	2.6	2.1	2.1	2.3	2.3	0.3	-10.2	-2.8	-2.4	2.1	16.2	7.1	6.9	2
3	Goods	4.6	4.5	4.2	2.7	2.6	3.3	3.8	3.7	3.4	-0.9	8.3	7.7	14.3	21.0	7.0	7.4	3
4	Durable goods	8.1	8.8	7.3	3.9	2.8	3.7	4.8	5.8	2.6	-0.3	14.5	13.5	29.6	33.8	6.3	6.7	4
5	Nondurable goods	2.8	2.4	2.6	2.0	2.6	3.1	3.3	2.7	3.8	-1.2	5.0	4.7	6.8	14.5	7.4	7.8	5
6	Services	1.9	2.5	2.8	2.5	1.9	1.6	1.6	1.6	-1.1	-14.3	-7.7	-6.9	-3.5	13.8	7.2	6.7	6
7	Gross private domestic investment	6.6	5.0	5.9	5.2	4.7	5.2	3.1	0.8	-2.1	-17.7	-4.7	2.4	3.2	20.8	7.1	9.6	7
8	Fixed investment	4.8	5.3	5.4	3.8	3.0	3.1	3.6	2.9	1.4	-8.8	-3.8	0.5	4.2	15.0	8.0	4.4	8
9	Nonresidential	5.9	6.6	7.0	6.1	4.8	4.7	4.8	3.1	-0.2	-10.3	-7.0	-3.8	1.3	13.3	9.0	6.6	9
10	Structures	2.9	4.7	6.5	1.8	-1.7	-0.1	4.3	5.8	4.4	-13.7	-19.9	-20.0	-18.7	-5.6	-2.6	-2.6	10
11	Equipment	7.3	5.9	6.4	6.0	5.7	5.6	2.9	-0.9	-7.7	-18.0	-7.1	-0.3	9.4	26.0	12.1	6.5	11
12	Intellectual property products	6.3	8.8	8.1	9.2	8.1	7.0	7.4	6.3	5.9	1.2	1.7	2.5	5.3	11.6	11.8	11.5	12
13	Residential	0.8	0.9	-0.1	-3.9	-2.8	-2.6	-0.3	2.2	7.0	-3.3	7.7	15.7	13.9	21.1	5.5	-1.5	13
14	Change in private inventories	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14
15	Net exports of goods and services	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
16	Exports	3.9	4.8	2.4	0.2	0.5	-1.2	0.1	0.3	-4.8	-23.8	-14.9	-10.7	-7.4	18.6	4.9	4.9	16
17	Goods	4.3	7.2	4.2	1.2	1.8	-2.2	0.4	-0.2	-2.4	-24.0	-9.9	-4.5	-3.6	27.2	5.8	5.3	17
18	Services	3.1	0.3	-0.8	-1.6	-1.8	0.6	-0.3	1.3	-9.3	-23.9	-24.0	-22.0	-14.6	3.4	3.2	4.0	18
19	Imports	4.3	3.6	5.1	3.4	2.8	2.8	1.1	-2.0	-5.4	-22.1	-8.3	0.3	6.2	30.6	12.6	9.6	19
20	Goods	5.4	4.6	6.7	3.5	2.5	2.4	0.2	-2.9	-4.8	-19.6	-3.6	5.7	10.5	32.3	10.6	8.1	20
21	Services	-0.6	-0.8	-1.7	3.0	4.3	4.9	5.0	1.5	-8.3	-32.4	-28.0	-21.3	-12.4	22.5	23.7	17.9	21
22	Government consumption expenditures and gross investment	1.1	1.5	1.9	1.0	1.4	2.0	2.2	3.2	3.4	3.2	2.1	1.2	1.3	-0.1	0.6	0.1	22
23	Federal	2.5	2.9	3.8	3.0	2.9	3.9	3.9	4.3	4.6	7.3	4.9	3.1	5.3	-0.9	-0.8	-1.1	23
24	National defense	2.8	2.7	3.8	4.2	5.8	4.9	5.2	5.0	3.5	3.2	2.5	2.3	1.0	0.0	-0.9	-3.7	24
25	Nondefense	1.9	3.2	3.7	1.4	-1.2	2.3	2.0	3.4	6.3	13.3	8.4	4.4	11.7	-1.9	-0.6	2.8	25
26	State and local	0.4	0.8	0.8	-0.3	0.5	0.8	1.2	2.5	2.7	0.6	0.4	0.0	-1.1	0.3	1.5	0.8	26
	Addenda:																	
27	Gross domestic income (GDI) ¹	3.1	2.5	3.3	2.9	2.4	2.4	1.4	1.8	1.0	-8.7	-3.8	-0.2	1.6	13.3	9.0	5.5	27
28	Average of GDP and GDI	3.0	2.9	3.2	2.6	2.3	2.3	1.9	2.2	0.8	-8.9	-3.4	-1.2	1.1	12.8	7.0	5.5	28
29	Final sales of domestic product	2.7	3.3	3.0	2.1	1.9	1.7	2.4	2.9	1.3	-7.5	-2.7	-2.6	0.7	11.3	5.1	4.6	29
30	Gross domestic purchases	3.1	3.2	3.4	2.7	2.4	2.6	2.4	2.2	0.4	-9.2	-2.3	-1.0	2.1	13.8	6.0	6.2	30
31	Final sales to domestic purchasers	2.8	3.2	3.3	2.5	2.1	2.3	2.5	2.5	1.0	-7.7	-2.2	-1.3	2.3	12.9	6.1	5.3	31
32	Final sales to private domestic purchasers	3.1	3.6	3.6	2.8	2.3	2.3	2.5	2.4	0.5	-9.9	-3.0	-1.8	2.5	16.0	7.3	6.4	32
33	Gross national product	3.2	3.4	2.8	2.0	1.8	1.9	2.3	2.4	0.5	-9.5	-3.1	-2.3	0.5	12.4	5.0	5.5	33
34	Real disposable personal income	3.3	3.2	3.4	3.7	3.3	2.1	1.9	1.7	1.6	12.5	6.9	4.0	15.1	-4.3	-0.9	-0.2	34
	Price indexes:																	
35	Gross domestic purchases	2.2	2.5	2.5	2.2	1.7	1.6	1.5	1.4	1.6	0.7	1.3	1.4	2.0	3.7	4.3	5.6	35
36	Gross domestic purchases excluding food and energy ²	2.1	2.4	2.4	2.3	1.9	1.7	1.6	1.4	1.6	1.0	1.4	1.5	1.9	3.4	3.9	5.0	36
37	GDP	2.2	2.6	2.5	2.3	2.0	1.8	1.7	1.6	1.7	0.7	1.3	1.5	2.1	4.1	4.6	5.9	37
38	GDP excluding food and energy ²	2.2	2.5	2.6	2.5	2.1	2.0	1.9	1.7	1.8	1.0	1.4	1.6	1.9	3.6	4.1	5.2	38
39	PCE	2.0	2.3	2.3	2.0	1.4	1.5	1.5	1.5	1.7	0.6	1.2	1.2	1.8	3.9	4.3	5.5	39
40	PCE excluding food and energy ²	1.9	2.1	2.1	2.0	1.7	1.7	1.8	1.6	1.8	1.0	1.5	1.4	1.7	3.4	3.6	4.6	40
41	Market-based PCE ³	1.5	2.0	2.0	1.7	1.3	1.3	1.2	1.3	1.4	0.6	1.1	1.0	1.8	3.5	4.1	5.3	41
42	Market-based PCE excluding food and energy ^{2,3}	1.3	1.7	1.7	1.7	1.6	1.5	1.6	1.5	1.5	1.1	1.4	1.3	1.5	2.8	3.3	4.2	42

r Revised

1. Gross domestic income deflated by the implicit price deflator for gross domestic product.

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

3. This index is a supplemental measure that is based on household expenditures for which there are observable price measures. It excludes most implicit prices (for example, financial services furnished without payment) and the final consumption expenditures of nonprofit institutions serving households.

Source: U.S. Bureau of Economic Analysis

Table 7. Relation of Gross Domestic Product, Gross National Product, and National Income

[Billions of dollars]

Line		2019	2020	2021 ^r	Seasonally adjusted at annual rates					Line
					2020	2021				
					Q4	Q1	Q2	Q3	Q4 ^r	
1	Gross domestic product (GDP)	21,372.6	20,893.7	22,996.1	21,477.6	22,038.2	22,741.0	23,202.3	24,002.8	1
2	Plus: Income receipts from the rest of the world	1,160.3	992.9	1,145.0	1,043.2	1,081.6	1,112.4	1,184.1	1,202.0	2
3	Less: Income payments to the rest of the world	893.9	770.6	892.5	792.5	846.7	882.0	916.4	925.1	3
4	Equals: Gross national product	21,639.0	21,116.1	23,248.5	21,728.2	22,273.1	22,971.4	23,470.0	24,279.7	4
5	Less: Consumption of fixed capital	3,435.6	3,575.9	3,847.9	3,639.4	3,696.0	3,787.9	3,895.8	4,011.8	5
6	Less: Statistical discrepancy	-69.7	-170.6	-519.5	-495.0	-509.7	-391.7	-630.9	-545.8	6
7	Equals: National income	18,273.1	17,710.7	19,920.2	18,583.8	19,086.8	19,575.1	20,205.0	20,813.7	7
8	Compensation of employees	11,447.7	11,572.2	12,580.9	11,964.2	12,088.9	12,416.6	12,756.5	13,061.4	8
9	Wages and salaries	9,323.5	9,444.1	10,327.1	9,783.0	9,879.2	10,180.4	10,487.2	10,761.6	9
10	Supplements to wages and salaries	2,124.2	2,128.0	2,253.7	2,181.1	2,209.7	2,236.2	2,269.3	2,299.8	10
11	Proprietors' income with inventory valuation and capital consumption adjustments	1,598.9	1,650.0	1,821.9	1,730.0	1,714.0	1,848.2	1,867.0	1,858.5	11
12	Rental income of persons with capital consumption adjustment	692.1	711.6	726.4	710.0	716.9	716.3	729.0	743.6	12
13	Corporate profits with inventory valuation and capital consumption adjustments	2,367.8	2,243.8	2,805.8	2,427.5	2,551.4	2,819.2	2,916.1	2,936.5	13
14	Net interest and miscellaneous payments	558.2	618.8	686.1	666.1	695.2	693.6	680.3	675.1	14
15	Taxes on production and imports less subsidies	1,459.4	773.3	1,148.1	937.8	1,173.8	930.7	1,099.6	1,388.1	15
16	Business current transfer payments (net)	162.3	158.6	164.0	166.3	165.8	166.0	162.5	161.7	16
17	Current surplus of government enterprises	-13.3	-17.5	-12.9	-18.1	-19.3	-15.4	-5.8	-11.2	17
	Addenda:									
18	Gross domestic income (GDI)	21,442.2	21,064.3	23,515.6	21,972.6	22,547.9	23,132.7	23,833.2	24,548.6	18
19	Average of GDP and GDI	21,407.4	20,979.0	23,255.8	21,725.1	22,293.1	22,936.8	23,517.8	24,275.7	19
20	Statistical discrepancy as a percentage of GDP	-0.3	-0.8	-2.3	-2.3	-2.3	-1.7	-2.7	-2.3	20

^r Revised

Source: U.S. Bureau of Economic Analysis

Table 8. Personal Income and Its Disposition

[Billions of dollars]

Line		2019	2020	2021 ^r	Seasonally adjusted at annual rates					Line
					2020	2021				
						Q4	Q1	Q2	Q3		Q4^{r}
1	Personal income ¹	18,424.4	19,627.6	21,077.2	19,542.0	21,867.3	20,669.9	20,823.8	20,947.7	1
2	Compensation of employees	11,447.7	11,572.2	12,580.9	11,964.2	12,088.9	12,416.6	12,756.5	13,061.4	2
3	Wages and salaries	9,323.5	9,444.1	10,327.1	9,783.0	9,879.2	10,180.4	10,487.2	10,761.6	3
4	Supplements to wages and salaries	2,124.2	2,128.0	2,253.7	2,181.1	2,209.7	2,236.2	2,269.3	2,299.8	4
5	Proprietors' income with inventory valuation and capital consumption adjustments	1,598.9	1,650.0	1,821.9	1,730.0	1,714.0	1,848.2	1,867.0	1,858.5	5
6	Farm	38.4	70.2	97.8	108.5	73.0	119.4	110.6	88.0	6
7	Nonfarm	1,560.5	1,579.9	1,724.1	1,621.5	1,640.9	1,728.7	1,756.3	1,770.5	7
8	Rental income of persons with capital consumption adjustment	692.1	711.6	726.4	710.0	716.9	716.3	729.0	743.6	8
9	Personal income receipts on assets	2,968.0	2,912.1	2,941.3	2,909.6	2,898.8	2,932.1	2,945.2	2,989.2	9
10	Personal interest income	1,652.0	1,614.4	1,640.7	1,610.3	1,630.2	1,639.4	1,636.3	1,656.8	10
11	Personal dividend income	1,316.0	1,297.8	1,300.7	1,299.2	1,268.7	1,292.8	1,308.8	1,332.4	11
12	Personal current transfer receipts	3,139.1	4,241.1	4,597.8	3,729.5	5,982.5	4,329.0	4,137.5	3,942.2	12
13	Less: Contributions for government social insurance, domestic	1,421.4	1,459.5	1,591.1	1,501.3	1,533.8	1,572.2	1,611.3	1,647.2	13
14	Less: Personal current taxes	2,205.1	2,195.6	2,582.6	2,259.8	2,412.1	2,532.5	2,641.1	2,744.9	14
15	Equals: Disposable personal income	16,219.3	17,432.0	18,494.5	17,282.2	19,455.3	18,137.4	18,182.7	18,202.8	15
16	Less: Personal outlays	14,981.5	14,544.5	16,226.3	14,936.8	15,475.6	16,165.0	16,456.2	16,808.4	16
17	Equals: Personal saving	1,237.8	2,887.5	2,268.2	2,345.5	3,979.7	1,972.4	1,726.4	1,394.4	17
18	Personal saving as a percentage of disposable personal income	7.6	16.6	12.3	13.6	20.5	10.9	9.5	7.7	18
	Addenda:									
19	Personal income excluding current transfer receipts, billions of chained (2012) dollars ²	13,905.6	13,833.7	14,263.3	14,129.7	14,061.1	14,240.1	14,352.9	14,403.8	19
20	Disposable personal income, billions of chained (2012) dollars ²	14,755.2	15,672.8	16,007.5	15,443.0	17,221.6	15,805.6	15,640.0	15,418.0	20

r Revised

1. Personal income is also equal to national income less corporate profits with inventory valuation and capital consumption adjustments, taxes on production and imports less subsidies, contributions for government social insurance, net interest and miscellaneous payments, business current transfer payments (net), and current surplus of government enterprises, plus personal income receipts on assets, and personal current transfer receipts.

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

Source: U.S. Bureau of Economic Analysis

Table 9. Corporate Profits: Level and Percent Change

Line		Billions of dollars								Percent change from preceding period						Line	
		2019	2020	2021	Seasonally adjusted at annual rates					2020	2021	Quarterly rates					Quarter one year ago 2021 Q4
					2020	2021						Q1	Q2	Q3	Q4		
						Q4	Q1	Q2	Q3									Q4
1	Corporate profits with inventory valuation and capital consumption adjustments	2,367.8	2,243.8	2,805.8	2,427.5	2,551.4	2,819.2	2,916.1	2,936.5	-5.2	25.0	5.1	10.5	3.4	0.7	21.0	1
2	Less: Taxes on corporate income	302.2	275.6	381.2	315.6	343.7	378.6	393.3	409.1	-8.8	38.3	8.9	10.1	3.9	4.0	29.6	2
3	Equals: Profits after tax with inventory valuation and capital consumption adjustments	2,065.6	1,968.1	2,424.6	2,111.9	2,207.7	2,440.6	2,522.7	2,527.4	-4.7	23.2	4.5	10.5	3.4	0.2	19.7	3
4	Net dividends	1,386.4	1,394.9	1,418.6	1,397.5	1,359.7	1,411.0	1,438.7	1,465.1	0.6	1.7	-2.7	3.8	2.0	1.8	4.8	4
5	Undistributed profits with inventory valuation and capital consumption adjustments	679.2	573.3	1,006.0	714.4	848.0	1,029.6	1,084.0	1,062.3	-15.6	75.5	18.7	21.4	5.3	-2.0	48.7	5
Addenda for corporate cash flow:																	
6	Net cash flow with inventory valuation adjustment	2,571.8	2,516.6	3,074.5	2,699.4	2,853.9	3,078.6	3,135.1	3,230.4	-2.1	22.2	5.7	7.9	1.8	3.0	19.7	6
7	Undistributed profits with inventory valuation and capital consumption adjustments	679.2	573.3	1,006.0	714.4	848.0	1,029.6	1,084.0	1,062.3	-15.6	75.5	18.7	21.4	5.3	-2.0	48.7	7
8	Consumption of fixed capital	1,880.2	1,957.0	2,081.4	1,984.3	2,005.3	2,048.5	2,103.9	2,167.8	4.1	6.4	1.1	2.2	2.7	3.0	9.2	8
9	Less: Capital transfers paid (net)	-12.4	13.6	12.8	-0.7	-0.6	-0.5	52.8	-0.3	.....	.....	.....	.....	.....	.....	.....	9
Addenda:																	
10	Profits before tax (without inventory valuation and capital consumption adjustments)	2,254.6	2,184.1	3,001.2	2,480.1	2,711.3	3,069.0	3,114.9	3,109.4	-3.1	37.4	9.3	13.2	1.5	-0.2	25.4	10
11	Profits after tax (without inventory valuation and capital consumption adjustments)	1,952.4	1,908.4	2,620.0	2,164.5	2,367.6	2,690.4	2,721.6	2,700.3	-2.3	37.3	9.4	13.6	1.2	-0.8	24.8	11
12	Inventory valuation adjustment	0.0	-18.2	-247.4	-122.9	-249.5	-321.2	-241.1	-177.9	.....	.....	.....	.....	.....	.....	.....	12
13	Capital consumption adjustment	113.2	77.9	52.0	70.4	89.6	71.4	42.2	5.0	.....	.....	.....	.....	.....	.....	.....	13

Source: U.S. Bureau of Economic Analysis

Table 10. Corporate Profits by Industry: Level and Change from Preceding Period

[Billions of dollars]

Line		Level										Change from preceding period					Line
		2019	2020	2021	Seasonally adjusted at annual rates					2020	2021	2021					
					2020	2021						Q1	Q2	Q3	Q4		
						Q4	Q1	Q2	Q3							Q4	
1	Corporate profits with inventory valuation and capital consumption adjustments	2,367.8	2,243.8	2,805.8	2,427.5	2,551.4	2,819.2	2,916.1	2,936.5	-124.0	562.0	123.9	267.8	96.9	20.4	1	
2	Domestic industries	1,854.4	1,789.0	2,314.3	1,950.5	2,085.0	2,359.0	2,404.8	2,408.5	-65.3	525.3	134.5	274.0	45.8	3.7	2	
3	Financial	506.9	467.0	531.3	483.7	485.0	537.8	551.9	550.6	-39.9	64.3	1.3	52.8	14.2	-1.3	3	
4	Nonfinancial	1,347.5	1,322.0	1,783.0	1,466.8	1,600.0	1,821.3	1,852.9	1,857.9	-25.5	461.0	133.2	221.3	31.6	5.0	4	
5	Rest of the world	513.4	454.7	491.5	477.0	466.4	460.2	511.3	528.0	-58.7	36.7	-10.6	-6.2	51.1	16.8	5	
6	Receipts from the rest of the world	864.7	765.9	921.6	831.1	865.3	892.7	957.9	970.5	-98.8	155.7	34.2	27.4	65.2	12.6	6	
7	Less: Payments to the rest of the world	351.3	311.2	430.1	354.1	398.9	432.5	446.6	442.5	-40.1	119.0	44.8	33.6	14.1	-4.1	7	
8	Corporate profits with inventory valuation adjustment	2,254.6	2,165.9	2,753.8	2,357.2	2,461.8	2,747.7	2,873.9	2,931.6	-88.7	587.9	104.7	285.9	126.1	57.7	8	
9	Domestic industries	1,741.2	1,711.2	2,262.3	1,880.1	1,995.4	2,287.6	2,362.6	2,403.5	-30.0	551.1	115.3	292.1	75.0	40.9	9	
10	Financial	533.2	502.5	574.1	521.0	519.9	576.9	597.5	602.3	-30.7	71.6	-1.1	57.0	20.6	4.9	10	
11	Federal Reserve banks	64.1	92.9	113.9	94.4	83.9	114.4	128.7	128.5	28.8	20.9	-10.5	30.5	14.4	-0.2	11	
12	Other financial	469.0	409.6	460.3	426.6	436.0	462.5	468.8	473.8	-59.5	50.7	9.4	26.5	6.2	5.0	12	
13	Nonfinancial	1,208.0	1,208.7	1,688.1	1,359.1	1,475.6	1,710.7	1,765.1	1,801.2	0.7	479.5	116.4	235.1	54.4	36.1	13	
14	Utilities	7.7	10.4	18.3	19.6	20.9	11.9	20.4	19.9	2.7	7.9	1.3	-9.1	8.5	-0.5	14	
15	Manufacturing	355.7	328.8	477.1	365.3	401.9	450.5	500.4	555.6	-26.9	148.3	36.6	48.6	49.9	55.3	15	
16	Durable goods	183.4	188.5	246.5	218.0	234.7	248.1	240.0	263.1	5.1	58.0	16.7	13.4	-8.1	23.1	16	
17	Fabricated metal products	21.9	22.7	23.6	27.7	26.6	25.3	13.4	28.9	0.7	0.9	-1.1	-1.3	-11.9	15.5	17	
18	Machinery	25.8	27.9	30.3	32.3	32.5	33.1	20.2	35.4	2.0	2.4	0.2	0.6	-12.9	15.2	18	
19	Computer and electronic products	61.9	67.0	99.3	77.0	93.1	97.8	111.7	94.4	5.1	32.3	16.1	4.7	13.9	-17.3	19	
20	Electrical equipment, appliances, and components	4.3	6.6	5.1	7.2	7.1	4.0	5.3	4.0	2.2	-1.5	-0.1	-3.1	1.3	-1.3	20	
21	Motor vehicles, bodies and trailers, and parts	4.5	5.6	-7.7	-1.1	-3.0	-10.7	-14.3	-2.7	1.1	-13.2	-1.9	-7.7	-3.6	11.6	21	
22	Other durable goods	65.0	58.9	96.0	74.8	78.4	98.6	103.7	103.2	-6.1	37.1	3.6	20.2	5.2	-0.6	22	
23	Nondurable goods	172.3	140.4	230.6	147.3	167.2	202.3	260.4	292.5	-32.0	90.3	19.9	35.2	58.0	32.2	23	
24	Food and beverage and tobacco products	55.2	74.8	89.4	78.7	79.3	75.1	101.3	102.0	19.5	14.7	0.5	-4.2	26.2	0.6	24	
25	Petroleum and coal products	16.7	-37.9	2.8	-51.7	-21.0	2.7	11.2	18.2	-54.6	40.7	30.7	23.7	8.5	7.0	25	
26	Chemical products	68.0	74.6	99.3	79.6	72.9	90.7	107.7	125.9	6.6	24.7	-6.7	17.9	16.9	18.2	26	
27	Other nondurable goods	32.4	29.0	39.1	40.7	36.0	33.8	40.1	46.5	-3.5	10.1	-4.7	-2.3	6.4	6.4	27	
28	Wholesale trade	117.8	123.7	141.5	136.2	112.6	137.6	155.4	160.4	5.9	17.8	-23.6	25.0	17.8	5.0	28	
29	Retail trade	159.1	218.5	281.8	242.9	280.2	307.6	270.2	269.1	59.4	63.3	37.3	27.4	-37.4	-1.2	29	
30	Transportation and warehousing	37.6	19.2	48.3	24.8	34.5	64.4	47.4	46.7	-18.3	29.0	9.7	29.8	-17.0	-0.8	30	
31	Information	127.8	134.9	171.4	157.7	161.0	175.5	176.8	172.4	7.1	36.5	3.3	14.5	1.3	-4.4	31	
32	Other nonfinancial	402.3	373.1	549.9	412.5	464.4	563.3	594.5	577.1	-29.2	176.8	51.9	98.8	31.3	-17.4	32	
33	Rest of the world	513.4	454.7	491.5	477.0	466.4	460.2	511.3	528.0	-58.7	36.7	-10.6	-6.2	51.1	16.8	33	

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

Source: U.S. Bureau of Economic Analysis

Table 11. Gross Value Added of Nonfinancial Domestic Corporate Business

Line		2019	2020	2021	Seasonally adjusted at annual rates					Line
					2020	2021				
					Q4	Q1	Q2	Q3 ^r	Q4	
Billions of dollars										
1	Gross value added of nonfinancial corporate business	10,604.0	10,168.8	11,659.1	10,706.1	11,075.5	11,444.9	11,853.0	12,262.9	1
2	Consumption of fixed capital	1,644.8	1,707.6	1,811.1	1,729.6	1,748.4	1,783.7	1,829.1	1,883.2	2
3	Net value added	8,959.1	8,461.2	9,848.0	8,976.5	9,327.1	9,661.2	10,024.0	10,379.7	3
4	Compensation of employees	6,315.2	6,327.5	6,983.2	6,589.9	6,650.1	6,868.0	7,103.5	7,311.1	4
5	Wages and salaries	5,300.3	5,319.3	5,900.4	5,550.1	5,590.3	5,794.1	6,013.9	6,203.3	5
6	Supplements to wages and salaries	1,014.9	1,008.2	1,082.8	1,039.8	1,059.8	1,073.8	1,089.6	1,107.8	6
7	Taxes on production and imports less subsidies	931.3	463.3	715.6	578.0	719.6	592.1	703.0	847.6	7
8	Net operating surplus	1,712.6	1,670.4	2,149.2	1,808.6	1,957.4	2,201.1	2,217.5	2,221.0	8
9	Net interest and miscellaneous payments	273.5	254.2	267.8	248.9	258.0	277.3	267.5	268.6	9
10	Business current transfer payments (net)	91.6	94.1	98.4	92.9	99.5	102.5	97.1	94.5	10
11	Corporate profits with inventory valuation and capital consumption adjustments	1,347.5	1,322.0	1,783.0	1,466.8	1,600.0	1,821.3	1,852.9	1,857.9	11
12	Taxes on corporate income	203.6	189.6	269.6	222.7	244.8	276.1	276.4	281.0	12
13	Profits after tax with inventory valuation and capital consumption adjustments	1,143.9	1,132.4	1,513.4	1,244.0	1,355.2	1,545.2	1,576.5	1,576.9	13
14	Net dividends	695.7	796.2	841.0	872.5	759.1	874.8	808.5	921.8	14
15	Undistributed profits with inventory valuation and capital consumption adjustments	448.2	336.2	672.4	371.5	596.1	670.4	768.0	655.1	15
Addenda:										
16	Profits before tax (without inventory valuation and capital consumption adjustments)	1,208.0	1,226.8	1,935.6	1,482.1	1,725.1	2,031.9	2,006.2	1,979.1	16
17	Profits after tax (without inventory valuation and capital consumption adjustments)	1,004.4	1,037.2	1,666.0	1,259.4	1,480.3	1,755.9	1,729.8	1,698.1	17
18	Inventory valuation adjustment	0.0	-18.2	-247.4	-122.9	-249.5	-321.2	-241.1	-177.9	18
19	Capital consumption adjustment	139.5	113.4	94.9	107.6	124.4	110.6	87.8	56.7	19
Billions of chained (2012) dollars										
20	Gross value added of nonfinancial corporate business¹	9,567.6	9,164.2	10,045.0	9,624.3	9,832.4	9,969.8	10,133.1	10,231.0	20
21	Consumption of fixed capital ²	1,577.4	1,624.7	1,703.6	1,643.9	1,666.3	1,691.5	1,716.1	1,740.5	21
22	Net value added ³	7,990.2	7,539.5	8,341.4	7,980.4	8,166.1	8,278.3	8,417.1	8,490.5	22
Dollars; quarters seasonally adjusted										
Price, costs, and profits per unit of real gross value added of nonfinancial corporate business:										
23	Price per unit of real gross value added of nonfinancial corporate business⁴	1.108	1.110	1.161	1.112	1.126	1.148	1.170	1.199	23
24	Compensation of employees (unit labor cost)	0.660	0.690	0.695	0.685	0.676	0.689	0.701	0.715	24
25	Unit nonlabor cost	0.307	0.275	0.288	0.275	0.287	0.276	0.286	0.302	25
26	Consumption of fixed capital	0.172	0.186	0.180	0.180	0.178	0.179	0.181	0.184	26
27	Taxes on production and imports less subsidies plus business current transfer payments (net)	0.107	0.061	0.081	0.070	0.083	0.070	0.079	0.092	27
28	Net interest and miscellaneous payments	0.029	0.028	0.027	0.026	0.026	0.028	0.026	0.026	28
29	Corporate profits with inventory valuation and capital consumption adjustments (unit profits from current production)	0.141	0.144	0.178	0.152	0.163	0.183	0.183	0.182	29
30	Taxes on corporate income	0.021	0.021	0.027	0.023	0.025	0.028	0.027	0.027	30
31	Profits after tax with inventory valuation and capital consumption adjustments	0.120	0.124	0.151	0.129	0.138	0.155	0.156	0.154	31

r Revised

1. 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.

2. 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.

3. Chained-dollar net value added of nonfinancial corporate business is the difference between the gross value added and the consumption of fixed capital.

4. The deflator for gross value added of nonfinancial corporate business divided by 100.

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

Source: U.S. Bureau of Economic Analysis

Table 12. Real Gross Domestic Product by Industry Group: Percent Change from Preceding Period

Line		2019	2020	2021	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	Gross domestic product	2.3	-3.4	5.7	3.1	3.4	1.9	0.9	2.4	3.2	2.8	1.9	-5.1	-31.2	33.8	4.5	6.3	6.7	2.3	6.9	1
2	Private industries	2.5	-3.8	6.3	3.4	3.7	2.1	1.0	3.1	3.2	3.0	1.6	-5.9	-33.4	38.4	5.0	7.1	7.1	1.9	7.9	2
3	Agriculture, forestry, fishing, and hunting	-6.1	14.0	-4.7	13.7	13.6	-6.6	-1.6	-24.8	1.8	1.7	10.8	66.9	-31.5	50.8	-0.6	-13.9	-13.1	-9.0	2.4	3
4	Mining	11.8	-10.2	-5.7	-14.8	10.4	-5.2	11.3	30.1	9.5	11.5	-6.9	3.6	-41.6	-17.4	-0.1	-3.4	7.3	-7.9	12.0	4
5	Utilities	1.2	4.2	-5.6	-9.3	13.5	-15.6	1.6	-6.4	24.4	-11.7	23.7	0.3	2.7	4.0	-11.0	-8.5	3.8	-16.1	-8.6	5
6	Construction	1.4	-3.6	3.2	4.2	-1.8	1.0	-0.4	5.8	0.8	0.3	-2.7	-4.2	-27.1	27.8	10.9	5.9	6.6	-13.9	-9.4	6
7	Manufacturing	1.8	-3.0	7.6	3.7	3.5	1.4	3.7	-4.1	6.3	5.4	-0.9	-4.8	-39.1	64.8	4.0	8.7	5.5	-1.5	10.9	7
8	Durable goods	0.8	-4.9	9.1	4.8	1.8	0.6	3.9	-0.7	0.6	-0.8	0.7	-7.1	-45.0	79.9	6.6	13.0	4.3	-2.5	9.7	8
9	Nondurable goods	3.0	-0.4	5.6	2.4	5.7	2.3	3.4	-8.3	13.9	13.8	-2.7	-1.7	-30.7	47.6	0.8	3.5	7.0	-0.4	12.2	9
10	Wholesale trade	-0.5	-1.9	2.8	3.2	-2.4	2.8	-1.7	2.1	-6.9	3.1	1.5	3.3	-32.9	43.9	-1.3	3.4	3.7	-8.1	9.4	10
11	Retail trade	2.5	-2.9	2.1	6.9	-1.7	6.2	-4.4	6.8	1.8	4.8	1.6	-7.0	-31.5	48.1	0.2	17.0	-14.7	-14.0	7.6	11
12	Transportation and warehousing	1.8	-13.4	2.7	9.9	-0.8	1.6	2.9	0.1	3.7	4.3	-2.7	-9.2	-64.6	68.7	4.7	8.9	-9.7	12.2	8.8	12
13	Information	7.0	3.5	13.2	4.7	14.7	4.2	3.4	6.5	12.0	5.8	5.1	-1.7	-6.4	23.3	2.0	14.7	25.2	8.0	20.1	13
14	Finance, insurance, real estate, rental, and leasing	2.0	0.3	5.4	2.4	3.5	2.0	-3.1	5.6	2.3	0.4	3.9	-5.4	-4.3	10.0	6.5	6.1	4.3	4.4	5.9	14
15	Finance and insurance	1.7	3.0	9.4	-1.2	3.5	4.4	-12.8	11.8	1.9	-2.3	10.3	-12.4	11.1	12.6	18.9	7.4	3.4	7.8	4.1	15
16	Real estate and rental and leasing	2.1	-1.3	2.9	4.8	3.5	0.5	3.3	1.9	2.6	2.0	0.3	-0.8	-12.8	8.3	-0.9	5.2	4.9	2.2	7.1	16
17	Professional and business services	4.6	-2.4	10.7	4.4	5.5	5.4	4.4	5.3	3.5	5.0	2.1	-2.9	-29.7	26.8	12.4	12.4	11.8	12.6	12.1	17
18	Professional, scientific, and technical services	4.3	-1.9	9.3	7.9	7.0	3.1	2.8	5.3	3.8	6.7	2.3	-2.2	-26.8	23.5	5.4	10.0	15.3	12.3	12.3	18
19	Management of companies and enterprises	7.1	1.5	8.9	-4.1	4.0	14.9	5.0	13.0	3.3	1.1	3.3	-1.1	-9.1	6.9	30.3	8.0	2.2	7.9	0.9	19
20	Administrative and waste management services	3.5	-5.7	15.2	1.4	3.0	5.5	8.1	0.8	2.8	3.4	0.7	-5.7	-46.3	51.5	20.3	21.4	9.7	16.0	18.6	20
21	Educational services, health care, and social assistance	2.8	-6.4	5.0	5.6	1.3	2.4	3.2	4.5	2.7	1.6	0.5	-8.1	-46.6	66.0	5.5	-1.1	6.1	3.3	7.2	21
22	Educational services	2.8	-11.3	0.5	5.4	2.4	3.4	5.6	3.7	4.1	-1.5	-5.1	-8.3	-41.3	16.2	-13.7	8.1	9.2	8.4	4.4	22
23	Health care and social assistance	2.8	-5.5	5.8	5.6	1.1	2.2	2.8	4.6	2.4	2.2	1.4	-8.1	-47.5	76.1	8.8	-2.5	5.7	2.6	7.7	23
24	Arts, entertainment, recreation, accommodation, and food services	2.0	-29.8	19.9	-1.9	8.5	-0.1	5.0	-1.9	2.0	7.6	-3.5	-35.8	-90.9	326.3	0.6	17.0	68.4	23.6	7.7	24
25	Arts, entertainment, and recreation	2.4	-35.4	19.8	-0.9	16.0	-2.2	-0.1	-0.8	2.0	11.7	3.5	-35.4	-95.5	291.0	50.4	36.3	16.0	43.1	24.1	25
26	Accommodation and food services	1.9	-27.8	19.9	-2.2	5.9	0.7	7.0	-2.2	1.9	6.1	-6.0	-36.1	-88.5	337.3	-10.9	11.4	88.7	18.4	3.1	26
27	Other services, except government	0.0	-12.4	2.9	4.2	4.1	0.7	1.9	-3.0	-1.5	3.1	-0.3	-14.1	-58.7	67.4	2.4	-8.8	17.5	6.4	4.2	27
28	Government	0.6	-0.9	1.5	0.6	1.4	0.5	-0.3	-1.9	3.3	1.0	4.1	0.4	-14.7	6.5	0.9	1.0	3.4	5.1	0.1	28
29	Federal	0.7	2.8	0.3	0.5	1.1	0.8	-1.5	-3.8	7.6	2.2	2.0	2.4	3.5	4.8	-2.1	-0.4	0.5	0.3	-1.2	29
30	State and local	0.6	-2.6	2.0	0.6	1.5	0.4	0.3	-1.0	1.5	0.4	5.1	-0.5	-21.9	7.3	2.4	1.6	4.8	7.4	0.7	30
	Addenda:																				
31	Private goods-producing industries ¹	2.1	-2.9	5.1	2.6	3.3	0.3	3.2	-0.3	4.9	4.3	-1.5	-1.8	-36.1	48.9	5.2	5.9	4.7	-5.5	5.4	31
32	Private services-producing industries ²	2.6	-4.0	6.6	3.6	3.8	2.6	0.5	4.0	2.8	2.7	2.4	-6.9	-32.7	36.0	4.9	7.4	7.8	3.9	8.5	32

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Source: U.S. Bureau of Economic Analysis

Table 13. Contributions to Percent Change in Real Gross Domestic Product by Industry Group

Line		2019	2020	2021	Seasonally adjusted at annual rates																Line	
					2018				2019				2020				2021					
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
	Percent change at annual rate:																					
1	Gross domestic product	2.3	-3.4	5.7	3.1	3.4	1.9	0.9	2.4	3.2	2.8	1.9	-5.1	-31.2	33.8	4.5	6.3	6.7	2.3	6.9	1	
	Percentage points at annual rates:																					
2	Private industries	2.22	-3.30	5.47	2.96	3.21	1.85	0.91	2.69	2.77	2.60	1.30	-5.24	-29.54	32.78	4.32	6.18	6.26	1.70	6.90	2	
3	Agriculture, forestry, fishing, and hunting	-0.05	0.10	-0.04	0.13	0.13	-0.05	-0.02	-0.23	0.01	0.02	0.11	0.49	-0.23	0.38	0.00	-0.14	-0.14	-0.11	0.03	3	
4	Mining	0.17	-0.12	-0.06	-0.19	0.19	-0.05	0.22	0.46	0.17	0.19	-0.11	0.01	-0.40	-0.13	-0.01	-0.03	0.08	-0.10	0.15	4	
5	Utilities	0.02	0.06	-0.10	-0.15	0.21	-0.25	0.02	-0.10	0.37	-0.16	0.41	0.04	0.07	0.10	-0.18	-0.15	0.06	-0.29	-0.15	5	
6	Construction	0.06	-0.15	0.14	0.15	-0.09	0.02	-0.04	0.23	0.02	0.00	-0.11	-0.16	-1.14	1.24	0.46	0.25	0.28	-0.62	-0.40	6	
7	Manufacturing	0.20	-0.32	0.80	0.40	0.36	0.06	0.27	-0.63	0.50	0.42	-0.28	-0.75	-4.63	6.13	0.38	0.95	0.63	-0.17	1.20	7	
8	Durable goods	0.05	-0.30	0.54	0.27	0.10	0.01	0.21	-0.08	0.01	-0.03	0.07	-0.41	-2.98	4.13	0.41	0.77	0.27	-0.15	0.58	8	
9	Nondurable goods	0.15	-0.02	0.26	0.12	0.27	0.05	0.06	-0.55	0.49	0.46	-0.35	-0.34	-1.65	2.00	-0.03	0.18	0.35	-0.02	0.62	9	
10	Wholesale trade	-0.03	-0.11	0.17	0.21	-0.10	0.25	0.00	0.26	-0.36	0.15	-0.04	-0.02	-2.09	2.40	-0.13	0.20	0.23	-0.51	0.55	10	
11	Retail trade	0.14	-0.16	0.14	0.37	-0.11	0.32	-0.25	0.36	0.07	0.26	0.08	-0.39	-1.78	2.66	0.01	0.96	-0.97	-0.91	0.46	11	
12	Transportation and warehousing	0.06	-0.42	0.10	0.29	-0.03	0.06	0.10	0.02	0.13	0.13	-0.11	-0.32	-2.46	1.57	0.12	0.24	-0.27	0.32	0.25	12	
13	Information	0.36	0.18	0.71	0.25	0.75	0.23	0.18	0.33	0.63	0.31	0.29	-0.07	-0.31	1.37	0.12	0.79	1.30	0.44	1.06	13	
14	Finance, insurance, real estate, rental, and leasing	0.41	0.06	1.16	0.51	0.71	0.39	-0.63	1.12	0.54	0.12	0.93	-1.04	-0.54	2.55	1.43	1.32	0.93	0.92	1.24	14	
15	Finance and insurance	0.13	0.24	0.77	-0.10	0.26	0.33	-1.05	0.89	0.20	-0.15	0.89	-0.94	1.01	1.28	1.55	0.64	0.30	0.64	0.35	15	
16	Real estate and rental and leasing	0.28	-0.18	0.38	0.61	0.45	0.06	0.42	0.23	0.33	0.26	0.04	-0.09	-1.55	1.27	-0.12	0.68	0.63	0.28	0.89	16	
17	Professional and business services	0.57	-0.30	1.34	0.52	0.67	0.66	0.54	0.64	0.43	0.67	0.28	-0.35	-3.81	3.56	1.55	1.55	1.48	1.54	1.52	17	
18	Professional, scientific, and technical services	0.33	-0.15	0.71	0.60	0.53	0.23	0.20	0.39	0.28	0.54	0.19	-0.16	-2.06	1.92	0.41	0.76	1.13	0.90	0.92	18	
19	Management of companies and enterprises	0.13	0.03	0.17	-0.11	0.05	0.27	0.08	0.24	0.06	0.02	0.07	-0.02	-0.16	0.15	0.54	0.15	0.04	0.15	0.02	19	
20	Administrative and waste management services	0.11	-0.18	0.46	0.04	0.09	0.17	0.25	0.02	0.09	0.11	0.02	-0.17	-1.59	1.49	0.60	0.64	0.31	0.49	0.58	20	
21	Educational services, health care, and social assistance	0.25	-0.56	0.43	0.48	0.09	0.19	0.27	0.38	0.22	0.12	0.01	-0.70	-4.46	5.04	0.48	-0.09	0.52	0.28	0.60	21	
22	Educational services	0.04	-0.15	0.01	0.07	0.03	0.04	0.07	0.05	0.05	-0.02	-0.06	-0.10	-0.56	0.21	-0.17	0.09	0.10	0.09	0.05	22	
23	Health care and social assistance	0.21	-0.41	0.42	0.41	0.06	0.15	0.20	0.33	0.16	0.14	0.08	-0.60	-3.90	4.83	0.65	-0.18	0.42	0.19	0.55	23	
24	Arts, entertainment, recreation, accommodation, and food services	0.09	-1.29	0.64	-0.09	0.36	0.00	0.21	-0.09	0.07	0.32	-0.16	-1.67	-6.28	4.75	0.03	0.52	1.83	0.79	0.29	24	
25	Arts, entertainment, and recreation	0.03	-0.41	0.15	-0.01	0.18	-0.03	0.00	-0.01	0.02	0.14	0.05	-0.42	-2.03	1.02	0.32	0.25	0.12	0.31	0.20	25	
26	Accommodation and food services	0.06	-0.89	0.49	-0.08	0.18	0.03	0.22	-0.07	0.04	0.17	-0.21	-1.25	-4.25	3.74	-0.29	0.27	1.70	0.49	0.09	26	
27	Other services, except government	0.00	-0.27	0.06	0.08	0.08	0.01	0.04	-0.07	-0.04	0.07	-0.01	-0.29	-1.48	1.17	0.05	-0.18	0.32	0.12	0.08	27	
28	Government	0.07	-0.12	0.19	0.07	0.18	0.07	-0.04	-0.23	0.45	0.18	0.59	0.08	-1.67	0.98	0.15	0.12	0.42	0.60	0.01	28	
29	Federal	0.03	0.11	0.01	0.02	0.05	0.03	-0.06	-0.14	0.31	0.09	0.09	0.10	0.15	0.23	-0.08	-0.01	0.02	0.01	-0.04	29	
30	State and local	0.05	-0.22	0.17	0.05	0.14	0.03	0.02	-0.08	0.14	0.09	0.50	-0.02	-1.83	0.75	0.23	0.14	0.40	0.59	0.06	30	
	Addenda:																					
31	Private goods-producing industries ¹	0.37	-0.49	0.83	0.49	0.58	-0.02	0.44	-0.17	0.71	0.63	-0.38	-0.42	-6.40	7.62	0.83	1.03	0.84	-1.00	0.98	31	
32	Private services-producing industries ²	1.85	-2.81	4.64	2.47	2.63	1.87	0.47	2.86	2.06	1.97	1.68	-4.82	-23.14	25.17	3.49	5.16	5.42	2.70	5.91	32	

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Note. Percentage-point contributions do not sum to the percent change in real gross domestic product because the industry details are calculated using source data and methodologies that differ from those used to calculate growth in the top-line, expenditure-based measure of real GDP.

Source: U.S. Bureau of Economic Analysis

Table 14. Gross Domestic Product by Industry Group: Level and Change from Preceding Period

Line		Billions of dollars						Billions of chained (2012) dollars						Change from preceding period			Line
		2021	Seasonally adjusted at annual rates					2021	Seasonally adjusted at annual rates					2021	2021		
			2020	2021					2020	2021					Q3	Q4	
				Q4	Q1	Q2	Q3			Q4	Q4	Q1	Q2					Q3	Q4
1	Gross domestic product	22,996.1	21,477.6	22,038.2	22,741.0	23,202.3	24,002.8	19,427.3	18,767.8	19,055.7	19,368.3	19,478.9	19,806.3	1,042.6	110.6	327.4	1
2	Private industries	20,223.5	18,792.2	19,332.8	19,998.2	20,396.4	21,166.6	17,154.5	16,526.9	16,812.2	17,104.6	17,186.5	17,515.1	1,012.3	81.9	328.5	2
3	Agriculture, forestry, fishing, and hunting	246.4	201.2	214.4	254.7	261.7	255.0	242.7	261.3	251.7	243.0	237.4	238.8	-11.9	-5.7	1.4	3
4	Mining	283.7	194.5	243.7	265.5	289.4	336.1	413.4	412.8	409.2	416.5	408.0	419.8	-25.2	-8.4	11.7	4
5	Utilities	380.6	348.0	374.6	366.4	379.9	401.6	281.8	294.0	287.5	290.2	277.7	271.6	-16.8	-12.5	-6.2	5
6	Construction	958.8	919.3	941.2	951.0	951.1	991.9	671.2	670.0	679.7	690.7	665.3	649.1	20.8	-25.4	-16.2	6
7	Manufacturing	2,563.3	2,344.8	2,443.5	2,524.7	2,570.8	2,714.2	2,332.1	2,250.4	2,298.1	2,329.2	2,320.2	2,380.9	164.3	-9.0	60.7	7
8	Durable goods	1,385.7	1,318.9	1,346.9	1,375.2	1,380.7	1,440.0	1,285.6	1,233.6	1,272.0	1,285.5	1,277.4	1,307.5	107.3	-8.1	30.0	8
9	Nondurable goods	1,177.6	1,025.9	1,096.7	1,149.5	1,190.2	1,274.2	1,045.4	1,016.3	1,025.2	1,042.8	1,041.7	1,072.1	55.5	-1.1	30.4	9
10	Wholesale trade	1,383.0	1,279.9	1,319.4	1,377.3	1,390.6	1,444.6	1,114.2	1,102.8	1,112.0	1,122.2	1,098.8	1,123.7	30.3	-23.4	24.9	10
11	Retail trade	1,385.5	1,259.6	1,331.5	1,397.5	1,379.1	1,434.1	1,113.1	1,118.0	1,162.8	1,117.5	1,076.1	1,096.1	22.6	-41.4	20.0	11
12	Transportation and warehousing	642.6	573.4	594.2	619.8	658.3	698.0	503.7	492.7	503.4	490.7	505.0	515.8	13.4	14.4	10.7	12
13	Information	1,300.7	1,205.5	1,240.0	1,296.6	1,305.5	1,360.6	1,467.7	1,330.0	1,376.4	1,456.0	1,484.3	1,553.9	171.1	28.2	69.6	13
14	Finance, insurance, real estate, rental, and leasing	4,885.0	4,706.8	4,749.9	4,844.8	4,920.7	5,024.7	3,761.4	3,643.5	3,697.9	3,737.3	3,777.9	3,832.3	192.7	40.6	54.4	14
15	Finance and insurance	1,949.5	1,881.9	1,892.6	1,936.3	1,965.7	2,003.6	1,377.4	1,328.3	1,352.3	1,363.8	1,389.8	1,403.7	117.8	26.0	13.9	15
16	Real estate and rental and leasing	2,935.5	2,824.8	2,857.3	2,908.6	2,955.0	3,021.1	2,373.5	2,306.0	2,335.6	2,363.9	2,376.7	2,417.9	66.7	12.8	41.2	16
17	Professional and business services	2,973.4	2,772.8	2,854.4	2,925.1	3,005.1	3,109.1	2,749.9	2,557.0	2,633.0	2,707.7	2,789.1	2,870.1	266.0	81.4	81.1	17
18	Professional, scientific, and technical services	1,779.9	1,661.3	1,702.9	1,754.4	1,798.7	1,863.4	1,641.4	1,525.9	1,562.8	1,619.4	1,667.2	1,716.2	140.2	47.7	49.0	18
19	Management of companies and enterprises	434.2	427.0	431.1	431.7	438.3	435.7	478.8	463.1	472.0	474.6	483.7	484.8	39.0	9.1	1.0	19
20	Administrative and waste management services	759.3	684.5	720.3	739.0	768.1	810.0	633.3	575.5	604.1	618.2	641.5	669.5	83.6	23.3	28.0	20
21	Educational services, health care, and social assistance	1,932.9	1,869.3	1,884.2	1,911.0	1,942.2	1,994.2	1,639.1	1,611.7	1,607.1	1,631.2	1,644.7	1,673.6	78.7	13.5	28.9	21
22	Educational services	257.6	242.5	247.7	254.3	261.4	266.8	204.1	194.3	198.2	202.6	206.7	208.9	1.1	4.1	2.2	22
23	Health care and social assistance	1,675.3	1,626.8	1,636.5	1,656.7	1,680.7	1,727.4	1,437.9	1,420.6	1,411.8	1,431.5	1,440.7	1,467.5	78.6	9.2	26.8	23
24	Arts, entertainment, recreation, accommodation, and food services	839.6	688.1	716.1	820.5	887.1	934.7	618.9	521.5	542.4	617.9	651.5	663.7	102.6	33.7	12.2	24
25	Arts, entertainment, and recreation	195.8	166.0	172.9	185.4	204.0	220.9	158.3	134.0	144.8	150.3	164.4	173.5	26.2	14.1	9.1	25
26	Accommodation and food services	643.8	522.2	543.2	635.1	683.0	713.9	460.0	387.1	397.7	466.1	486.2	489.9	76.4	20.1	3.8	26
27	Other services, except government	447.9	429.0	425.8	443.2	454.9	467.9	332.2	326.4	318.9	332.0	337.2	340.7	9.2	5.2	3.5	27
28	Government	2,772.6	2,685.4	2,705.4	2,742.7	2,806.0	2,836.2	2,227.6	2,194.6	2,199.9	2,218.3	2,245.9	2,246.4	32.2	27.6	0.4	28
29	Federal	881.5	860.7	866.5	875.1	886.4	897.8	736.9	737.3	736.5	737.4	737.9	735.7	2.6	0.5	-2.2	29
30	State and local	1,891.1	1,824.7	1,838.9	1,867.6	1,919.5	1,938.4	1,491.6	1,458.8	1,464.7	1,482.0	1,508.6	1,511.1	29.1	26.6	2.5	30
	Addenda:																
31	Private goods-producing industries ¹	4,052.2	3,659.8	3,842.8	3,995.9	4,073.1	4,297.1	3,701.4	3,631.3	3,683.7	3,726.2	3,673.7	3,722.0	178.0	-52.5	48.4	31
32	Private services-producing industries ²	16,171.3	15,132.4	15,490.0	16,002.4	16,323.3	16,869.5	13,450.7	12,899.8	13,131.3	13,379.1	13,507.0	13,785.5	831.1	127.9	278.5	32

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Source: U.S. Bureau of Economic Analysis

Table 15. Price Indexes for Gross Domestic Product by Industry Group: Percent Change from Preceding Period

Line		2019	2020	2021	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	Gross domestic product	1.8	1.3	4.2	2.4	3.1	1.8	2.0	1.1	2.3	1.4	1.5	1.6	-1.5	3.6	2.2	4.3	6.1	6.0	7.1	1
2	Private industries	1.7	1.0	4.4	2.0	3.7	1.0	2.0	0.8	2.8	1.0	1.9	0.9	-2.9	4.4	2.1	4.6	6.9	6.2	7.5	2
3	Agriculture, forestry, fishing, and hunting	-1.4	-5.8	49.1	-1.7	-2.8	-19.4	4.6	0.2	-3.9	10.2	2.4	-14.6	-50.4	53.6	84.9	49.7	129.1	22.5	-12.0	3
4	Mining	-17.4	-31.4	65.9	28.2	8.7	13.6	-18.3	-39.9	-4.5	-29.0	6.2	-55.0	-85.9	300.4	68.7	155.3	31.2	53.4	62.3	4
5	Utilities	3.2	-1.6	18.2	13.5	-8.8	8.9	9.1	8.6	-13.3	24.1	-15.5	-14.9	8.7	16.0	5.6	46.8	-11.8	37.8	36.6	5
6	Construction	5.2	2.8	3.8	2.6	7.2	2.5	6.2	5.9	5.6	4.4	4.3	4.2	3.2	-3.2	-1.0	3.7	-2.3	16.3	30.5	6
7	Manufacturing	-0.2	-1.3	4.9	0.4	3.0	0.5	1.7	-0.9	-0.7	-4.3	2.8	-0.2	-6.2	1.5	-1.9	8.5	8.0	9.2	12.0	7
8	Durable goods	1.4	0.5	0.1	-1.1	3.0	2.4	-0.5	3.8	0.9	-0.7	0.3	1.0	2.9	0.0	-4.8	-3.8	4.2	4.2	7.8	8
9	Nondurable goods	-2.2	-3.4	11.1	2.4	2.9	-1.8	4.4	-6.7	-2.7	-8.6	6.0	-1.8	-16.3	3.2	2.0	26.1	12.8	15.4	17.1	9
10	Wholesale trade	5.2	-0.6	8.2	-1.3	9.1	-0.4	9.1	4.6	9.2	1.7	-0.5	-4.7	-7.7	10.4	2.6	9.3	14.5	13.1	6.5	10
11	Retail trade	1.7	6.1	13.1	-2.2	6.6	-4.7	5.1	-0.8	4.8	1.8	-0.1	8.3	8.8	16.3	-0.9	6.7	42.3	10.3	8.7	11
12	Transportation and warehousing	4.0	-3.7	9.4	-1.1	7.2	2.8	7.2	6.1	1.2	0.2	1.6	-7.3	-7.9	-9.4	8.8	5.9	31.2	13.3	16.2	12
13	Information	-0.4	-0.5	-1.6	-3.4	1.1	-0.6	-2.3	0.1	1.4	-1.1	-0.6	1.6	-6.5	1.9	4.4	-2.4	-4.5	-4.8	-1.8	13
14	Finance, insurance, real estate, rental, and leasing	2.5	2.9	0.9	4.7	4.2	3.4	1.9	0.2	4.7	3.6	2.2	5.7	-0.2	2.4	0.6	-2.2	3.7	1.9	2.7	14
15	Finance and insurance	1.8	3.2	-0.3	12.0	8.1	3.8	2.5	-5.0	5.9	3.3	2.2	10.1	-2.3	-0.2	-0.1	-4.8	5.9	-1.5	3.7	15
16	Real estate and rental and leasing	3.0	2.7	1.7	0.5	1.9	3.2	1.6	3.5	3.9	3.7	2.2	3.0	1.2	4.1	1.0	-0.5	2.3	4.3	2.0	16
17	Professional and business services	1.0	0.9	-0.2	1.0	1.9	-0.8	-0.5	2.9	1.4	0.1	1.0	0.9	1.7	0.1	0.1	-0.1	-1.4	-1.1	2.2	17
18	Professional, scientific, and technical services	1.1	0.9	0.0	0.8	2.6	-0.2	-0.1	3.1	1.1	-0.2	0.9	1.4	1.1	0.0	1.8	0.3	-2.3	-1.6	2.6	18
19	Management of companies and enterprises	-2.0	-1.8	-2.8	2.3	-2.5	-2.8	-4.2	-1.2	-0.1	-2.7	-1.1	-0.4	-3.2	-2.1	-4.0	-3.8	-1.6	-1.6	-3.1	19
20	Administrative and waste management services	2.6	2.5	1.1	0.8	2.9	-0.8	0.7	5.2	3.3	2.5	2.5	0.5	6.7	1.8	-1.5	1.1	0.9	0.7	4.3	20
21	Educational services, health care, and social assistance	2.0	2.6	2.3	0.3	3.1	0.5	2.6	1.2	2.4	2.6	3.0	2.5	3.2	2.9	0.4	4.4	-0.3	3.2	3.7	21
22	Educational services	2.5	3.0	1.9	1.6	3.3	1.7	2.6	2.1	2.0	3.6	3.3	3.0	3.7	2.2	1.5	0.5	1.9	3.1	3.9	22
23	Health care and social assistance	1.9	2.6	2.4	0.1	3.1	0.3	2.6	1.0	2.5	2.4	2.9	2.4	3.1	3.0	0.2	5.0	-0.6	3.3	3.6	23
24	Arts, entertainment, recreation, accommodation, and food services	3.1	4.7	3.9	6.8	1.0	2.5	0.0	5.0	4.6	0.8	7.8	6.2	6.4	-2.0	5.9	0.3	2.3	10.5	14.5	24
25	Arts, entertainment, and recreation	2.3	4.9	-0.4	4.2	4.2	2.5	0.1	1.2	4.3	0.1	9.4	6.2	9.8	-2.4	-2.5	-13.6	14.1	2.4	10.7	25
26	Accommodation and food services	3.3	4.6	5.3	7.8	-0.2	2.5	0.0	6.4	4.7	1.1	7.3	6.3	5.2	-2.0	8.5	5.2	-1.0	13.0	15.7	26
27	Other services, except government	4.1	5.3	3.9	1.7	3.1	2.5	2.4	4.7	5.9	3.1	7.3	7.4	3.3	4.5	3.0	6.4	0.0	4.3	7.4	27
28	Government	2.3	2.8	2.3	4.0	2.9	3.8	2.8	3.6	-0.8	3.6	0.1	5.1	6.1	-0.6	1.6	2.0	2.2	4.3	4.3	28
29	Federal	2.1	1.7	3.5	3.7	2.9	2.7	4.0	6.7	-5.4	1.5	1.3	2.5	2.4	2.6	3.2	3.1	3.6	5.0	6.5	29
30	State and local	2.5	3.4	1.7	4.2	2.9	4.3	2.2	2.2	1.3	4.6	-0.5	6.3	7.9	-2.1	0.8	1.5	1.5	3.9	3.3	30
	Addenda:																				
31	Private goods-producing industries ¹	-0.6	-2.8	9.5	2.9	4.1	1.0	0.8	-3.5	0.4	-3.8	3.6	-5.0	-15.1	8.7	4.5	14.8	11.7	14.3	17.6	31
32	Private services-producing industries ²	2.3	1.9	3.2	1.8	3.6	1.0	2.4	2.0	3.4	2.2	1.5	2.4	0.3	3.4	1.5	2.3	5.7	4.2	5.1	32

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Source: U.S. Bureau of Economic Analysis

Table 16. Real Gross Output by Industry Group: Percent Change from Preceding Period

Line		2019	2020	2021	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	All Industries	1.7	-3.5	6.4	2.1	4.0	2.1	-0.1	1.3	3.1	2.3	0.2	-4.8	-29.5	28.9	7.2	9.1	5.7	4.4	3.8	1
2	Private industries	1.7	-4.0	7.1	2.3	4.2	2.3	-0.2	1.4	3.0	2.5	0.0	-5.3	-32.1	32.7	8.2	9.6	6.3	4.9	4.3	2
3	Agriculture, forestry, fishing, and hunting	-0.9	4.4	-1.6	-1.3	3.1	-3.5	0.4	-5.8	1.6	1.5	4.3	17.5	-13.2	15.4	1.3	-5.5	-4.1	-3.6	-1.1	3
4	Mining	4.7	-14.7	-0.8	9.2	19.4	16.7	-2.0	-4.3	15.4	7.8	-7.9	5.8	-63.9	1.4	11.9	4.1	13.7	-0.1	6.6	4
5	Utilities	-0.5	-3.3	5.0	0.5	11.2	-0.2	-0.2	-8.3	-1.5	12.3	-1.7	-22.2	-4.1	22.7	1.0	7.2	6.9	-0.9	-6.9	5
6	Construction	1.1	1.5	-1.0	2.8	5.6	-4.0	-9.7	6.3	5.2	5.2	1.9	11.3	-16.2	1.7	9.1	5.7	-8.3	-8.2	-6.5	6
7	Manufacturing	-1.2	-4.6	2.6	-0.6	-0.4	1.3	-0.3	-2.8	-1.3	-0.8	-4.0	-4.6	-33.3	44.8	4.9	-0.7	-1.7	-0.9	5.4	7
8	Durable goods	-1.7	-7.0	5.3	1.3	-1.7	2.4	3.1	-4.4	-1.4	-6.2	-4.2	-7.9	-44.7	74.3	7.8	3.2	-2.1	-1.7	8.2	8
9	Nondurable goods	-0.8	-2.1	-0.1	-2.4	1.0	0.1	-3.7	-1.3	-1.2	5.1	-3.8	-1.0	-19.1	19.3	1.9	-4.7	-1.3	-0.2	2.7	9
10	Wholesale trade	-0.9	-2.5	10.0	-1.9	4.3	2.6	-3.1	-2.7	-1.3	0.6	-1.1	0.3	-38.3	59.5	11.3	10.9	9.7	0.2	8.7	10
11	Retail trade	1.9	0.0	7.7	4.9	2.2	3.3	-2.2	2.6	3.5	2.2	3.0	-7.9	-17.9	44.2	0.4	28.8	-4.4	-11.5	2.5	11
12	Transportation and warehousing	1.9	-13.3	12.3	10.4	8.2	2.6	-2.5	5.2	3.4	-1.1	-4.0	-11.0	-62.4	62.6	20.5	20.2	4.3	19.7	15.1	12
13	Information	4.7	2.8	14.6	9.2	8.2	4.2	1.9	2.9	7.9	5.9	5.3	0.5	-12.7	18.7	13.9	19.9	19.4	12.6	9.4	13
14	Finance, insurance, real estate, rental, and leasing	2.6	0.1	5.7	1.8	1.5	0.6	2.1	4.7	2.5	2.1	1.8	-2.9	-7.7	10.5	6.0	10.5	1.5	6.7	2.5	14
15	Finance and insurance	1.9	2.3	8.6	0.2	-1.1	-0.3	1.9	2.6	1.5	4.3	2.6	-5.2	5.8	7.7	8.1	20.0	-1.2	10.2	-0.4	15
16	Real estate and rental and leasing	3.1	-1.5	3.4	3.2	3.5	1.4	2.2	6.3	3.3	0.4	1.2	-1.0	-17.3	12.8	4.3	3.3	3.7	3.9	5.0	16
17	Professional and business services	4.5	-2.7	10.8	3.5	7.6	4.9	2.7	1.8	9.2	5.7	0.5	-3.5	-30.0	21.1	17.8	14.5	9.2	13.1	7.4	17
18	Professional, scientific, and technical services	4.4	-3.4	9.7	5.1	6.7	0.6	2.3	1.8	12.9	6.6	-2.1	-1.6	-33.3	21.5	14.8	14.4	9.4	11.3	6.5	18
19	Management of companies and enterprises	6.3	2.0	6.8	-6.4	1.1	14.4	1.3	14.4	3.5	-1.5	5.2	-1.1	-5.6	6.0	29.3	2.6	-0.5	9.2	-4.2	19
20	Administrative and waste management services	3.6	-4.0	15.3	6.5	13.5	9.0	4.3	-4.7	4.9	8.0	3.3	-8.7	-34.9	30.1	17.7	22.3	14.3	19.0	15.6	20
21	Educational services, health care, and social assistance	2.4	-5.9	3.7	1.2	3.0	4.9	-0.1	3.9	2.8	0.8	0.4	-7.0	-38.7	37.6	7.2	-4.1	9.9	4.1	3.9	21
22	Educational services	0.2	-10.7	2.8	-0.9	0.7	3.5	-1.0	2.7	-2.6	-0.5	-2.4	-10.2	-40.4	19.2	-9.0	8.0	15.4	6.7	4.6	22
23	Health care and social assistance	2.7	-5.2	3.8	1.5	3.3	5.1	0.1	4.1	3.6	1.0	0.9	-6.5	-38.4	40.4	9.6	-5.6	9.2	3.8	3.8	23
24	Arts, entertainment, recreation, accommodation, and food services	2.1	-27.6	30.1	0.4	11.1	1.6	-1.3	1.7	2.6	4.5	0.7	-35.3	-89.3	306.0	2.6	41.1	81.4	36.9	0.8	24
25	Arts, entertainment, and recreation	1.8	-35.3	31.7	2.0	14.6	4.2	-4.4	12.5	-7.7	1.3	-5.7	-37.2	-93.7	274.0	35.8	76.4	25.3	64.8	9.0	25
26	Accommodation and food services	2.3	-25.2	29.7	-0.1	10.0	0.8	-0.2	-1.5	6.1	5.5	2.7	-34.8	-87.6	314.4	-4.5	32.8	99.8	30.6	-1.2	26
27	Other services, except government	0.4	-12.7	4.2	2.9	11.1	3.8	0.5	-3.0	-2.2	3.9	-1.7	-19.1	-54.4	61.3	2.5	-4.8	20.1	3.5	2.0	27
28	Government	1.5	0.2	1.4	0.5	2.6	0.6	0.5	0.4	4.4	0.8	2.1	0.2	-5.3	3.9	-0.5	5.2	0.6	0.3	-0.8	28
29	Federal	3.1	4.1	0.9	1.0	5.0	1.7	1.1	0.0	10.7	2.2	1.8	0.9	21.1	-6.4	-3.1	15.5	-6.4	-8.1	-3.5	29
30	State and local	0.8	-1.5	1.7	0.3	1.5	0.2	0.2	0.6	1.7	0.2	2.3	-0.1	-15.5	9.2	0.8	0.6	4.1	4.3	0.4	30
Addenda:																					
31	Private goods-producing industries ¹	-0.4	-3.5	1.5	0.6	2.2	1.0	-2.2	-1.4	1.1	0.9	-2.8	0.1	-31.1	30.0	5.9	0.6	-2.5	-2.5	2.6	31
32	Private services-producing industries ²	2.5	-4.1	9.1	2.9	5.0	2.8	0.5	2.4	3.6	3.0	0.9	-7.2	-32.5	33.6	9.0	12.9	9.5	7.6	4.9	32

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Source: U.S. Bureau of Economic Analysis

Table 17. Gross Output by Industry Group: Level and Change from Preceding Period

Line		Billions of dollars							Billions of chained (2012) dollars							Change from preceding period			Line
		2021	Seasonally adjusted at annual rates					2021	Seasonally adjusted at annual rates					2021	2021				
			2020	2021					2020	2021					Q3	Q4			
				Q4	Q1	Q2	Q3			Q4	Q4	Q1	Q2				Q3	Q4	
1	All Industries	41,170.5	37,717.0	39,195.4	40,634.9	41,846.9	43,005.0	35,110.6	33,730.1	34,476.2	34,958.4	35,340.0	35,667.6	2,126.8	381.7	327.6	1		
2	Private industries	36,789.5	33,554.4	34,910.2	36,291.4	37,432.8	38,523.5	31,500.7	30,164.9	30,867.5	31,346.0	31,726.8	32,063.1	2,084.8	380.8	336.4	2		
3	Agriculture, forestry, fishing, and hunting	549.0	484.4	502.6	554.6	570.3	568.4	542.6	557.6	549.7	544.0	539.1	537.6	-8.7	-5.0	-1.5	3		
4	Mining	567.3	425.8	498.6	538.5	584.6	647.5	630.2	606.5	612.7	632.7	632.6	642.8	-5.2	-0.1	10.2	4		
5	Utilities	661.9	565.3	629.0	632.7	676.2	709.8	512.7	500.3	509.1	517.7	516.5	507.4	24.5	-1.2	-9.1	5		
6	Construction	1,909.2	1,816.5	1,879.8	1,894.5	1,907.7	1,954.8	1,403.5	1,427.7	1,447.5	1,416.4	1,386.5	1,363.4	-14.0	-29.8	-23.1	6		
7	Manufacturing	6,345.2	5,758.8	5,987.4	6,233.8	6,441.3	6,718.3	5,863.5	5,880.9	5,870.1	5,844.5	5,831.0	5,908.3	150.8	-13.5	77.2	7		
8	Durable goods	3,193.4	2,986.6	3,061.0	3,143.6	3,217.6	3,351.5	2,809.8	2,790.9	2,812.9	2,798.0	2,786.4	2,841.9	140.4	-11.6	55.5	8		
9	Nondurable goods	3,151.8	2,772.2	2,926.4	3,090.2	3,223.7	3,366.7	3,050.7	3,091.2	3,054.0	3,043.8	3,042.3	3,062.6	-3.3	-1.4	20.2	9		
10	Wholesale trade	2,444.0	2,203.0	2,298.6	2,420.9	2,483.1	2,573.3	2,006.7	1,910.9	1,961.1	2,007.1	2,008.1	2,050.4	183.0	1.0	42.3	10		
11	Retail trade	2,381.0	2,125.2	2,294.0	2,405.0	2,383.9	2,440.9	1,946.7	1,868.2	1,990.1	1,967.7	1,908.5	1,920.2	140.0	-59.2	11.6	11		
12	Transportation and warehousing	1,438.3	1,209.2	1,295.3	1,378.9	1,487.8	1,591.2	1,203.0	1,104.2	1,156.1	1,168.3	1,222.0	1,265.8	132.0	53.7	43.8	12		
13	Information	2,311.6	2,103.2	2,189.6	2,291.6	2,355.5	2,409.8	2,348.5	2,125.6	2,224.1	2,325.0	2,395.2	2,449.6	300.0	70.2	54.3	13		
14	Finance, insurance, real estate, rental, and leasing	7,926.2	7,514.2	7,711.0	7,829.3	8,021.8	8,142.7	6,181.2	5,953.4	6,104.4	6,126.8	6,227.4	6,266.1	335.3	100.6	38.7	14		
15	Finance and insurance	3,599.7	3,370.3	3,518.9	3,556.4	3,651.2	3,672.1	2,726.5	2,579.5	2,700.0	2,692.2	2,758.4	2,755.4	216.3	66.2	-3.0	15		
16	Real estate and rental and leasing	4,326.5	4,143.9	4,192.1	4,272.9	4,370.6	4,470.5	3,448.2	3,370.4	3,397.6	3,428.8	3,461.9	3,504.5	114.2	33.2	42.6	16		
17	Professional and business services	4,783.2	4,413.7	4,578.1	4,700.2	4,865.5	4,989.0	4,299.3	4,006.2	4,144.3	4,236.3	4,369.1	4,447.5	418.2	132.9	78.4	17		
18	Professional, scientific, and technical services	2,687.7	2,493.6	2,585.4	2,649.3	2,726.2	2,790.0	2,411.2	2,252.5	2,329.4	2,382.3	2,447.2	2,485.8	212.6	64.8	38.6	18		
19	Management of companies and enterprises	721.8	712.6	714.7	715.3	733.1	724.1	728.2	718.2	722.8	722.0	738.0	730.2	46.1	16.1	-7.9	19		
20	Administrative and waste management services	1,373.7	1,207.5	1,278.0	1,335.6	1,406.3	1,474.9	1,158.4	1,040.6	1,094.3	1,131.6	1,181.9	1,225.6	154.1	50.3	43.7	20		
21	Educational services, health care, and social assistance	3,100.0	2,991.0	2,986.5	3,076.0	3,137.6	3,199.8	2,621.3	2,583.0	2,555.8	2,616.8	2,643.5	2,669.0	92.9	26.7	25.4	21		
22	Educational services	371.2	344.5	352.0	368.1	378.1	386.8	302.4	285.5	291.1	301.7	306.7	310.1	8.3	5.0	3.5	22		
23	Health care and social assistance	2,728.8	2,646.5	2,634.5	2,708.0	2,759.5	2,813.0	2,321.0	2,300.1	2,266.9	2,317.2	2,338.9	2,360.9	84.8	21.7	22.0	23		
24	Arts, entertainment, recreation, accommodation, and food services	1,614.0	1,228.2	1,343.4	1,579.1	1,744.5	1,789.0	1,260.0	989.4	1,078.3	1,251.5	1,353.8	1,356.6	291.3	102.3	2.8	24		
25	Arts, entertainment, and recreation	335.6	257.7	288.4	315.8	361.3	377.0	274.6	212.7	245.1	259.4	293.9	300.2	66.1	34.5	6.4	25		
26	Accommodation and food services	1,278.4	970.5	1,055.0	1,263.3	1,383.2	1,412.1	984.8	776.2	833.3	990.8	1,059.2	1,056.0	225.2	68.4	-3.2	26		
27	Other services, except government	758.6	715.8	716.1	756.3	772.9	789.2	595.7	579.3	572.2	599.1	604.3	607.3	23.8	5.2	3.0	27		
28	Government	4,381.1	4,162.5	4,285.1	4,343.5	4,414.1	4,481.5	3,618.8	3,570.1	3,615.3	3,620.8	3,623.2	3,615.9	50.4	2.4	-7.3	28		
29	Federal	1,372.9	1,318.4	1,381.9	1,373.6	1,363.3	1,372.8	1,170.2	1,157.4	1,199.9	1,180.2	1,155.5	1,145.2	10.0	-24.8	-10.3	29		
30	State and local	3,008.1	2,844.2	2,903.2	2,969.9	3,050.8	3,108.7	2,448.2	2,412.5	2,416.4	2,440.6	2,466.7	2,469.3	40.0	26.0	2.6	30		
	Addenda:																		
31	Private goods-producing industries ¹	9,370.7	8,485.6	8,868.4	9,221.3	9,503.9	9,889.0	8,507.0	8,548.6	8,560.7	8,507.4	8,452.7	8,507.3	124.1	-54.7	54.5	31		
32	Private services-producing industries ²	27,418.8	25,068.9	26,041.8	27,070.0	27,928.9	28,634.5	22,870.9	21,543.1	22,207.3	22,718.4	23,139.7	23,418.2	1,901.9	421.3	278.5	32		

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Source: U.S. Bureau of Economic Analysis

Table 18. Price Indexes for Gross Output by Industry Group: Percent Change from Preceding Period

Line		2019	2020	2021	Seasonally adjusted at annual rates																Line
					2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	All Industries	1.4	0.6	6.0	4.3	3.2	2.5	2.3	-0.3	1.9	0.8	0.7	0.4	-4.1	5.2	4.1	6.8	9.3	7.7	7.5	1
2	Private industries	1.3	0.5	6.2	4.3	3.2	2.4	2.2	-0.5	2.1	0.7	0.7	0.2	-4.6	5.6	4.3	6.9	9.8	7.9	7.5	2
3	Agriculture, forestry, fishing, and hunting	-0.3	-2.1	22.5	1.1	-0.2	-6.2	2.7	-1.8	-0.6	3.2	3.1	-4.9	-26.0	19.2	29.2	22.7	54.5	16.0	-0.2	3
4	Mining	-9.7	-17.4	39.5	19.2	4.4	10.0	-5.3	-26.7	-4.7	-17.0	4.5	-34.3	-61.7	98.5	41.3	80.6	19.7	39.0	41.1	4
5	Utilities	1.0	-2.4	18.7	12.8	-6.1	8.6	11.7	-1.7	-10.5	11.8	-9.5	-13.3	-1.1	15.7	11.7	43.0	-4.2	31.7	30.3	5
6	Construction	3.5	2.3	8.2	5.1	6.2	3.4	4.4	2.9	3.7	2.6	2.2	2.5	-0.4	5.4	2.6	8.5	12.5	11.9	17.9	6
7	Manufacturing	-0.8	-2.5	11.7	6.8	4.3	2.6	-0.2	4.2	1.2	-4.4	0.9	-2.9	-13.9	8.2	5.6	17.7	19.6	15.1	12.3	7
8	Durable goods	1.0	0.3	6.9	3.1	4.9	2.4	1.4	1.5	-0.3	-0.8	-1.0	0.9	-0.2	2.5	2.0	6.9	13.6	11.6	8.8	8
9	Nondurable goods	-2.6	-5.3	16.9	10.8	3.8	2.7	-1.8	-9.8	2.9	-8.0	2.8	-6.7	-26.2	14.5	9.7	30.3	26.0	18.7	15.8	9
10	Wholesale trade	3.8	0.0	6.9	1.1	5.7	1.4	6.6	2.9	5.6	2.1	-0.3	-2.6	-5.0	7.3	3.8	6.9	12.1	10.5	6.1	10
11	Retail trade	1.7	4.1	9.7	0.4	4.1	-1.1	4.6	-0.3	2.9	2.5	-0.5	5.0	5.0	11.5	1.7	5.4	26.4	9.1	7.3	11
12	Transportation and warehousing	2.5	-2.2	9.7	4.2	5.2	3.9	4.6	0.7	2.8	1.1	0.6	-3.8	-9.6	-2.2	8.6	9.6	23.1	13.3	13.6	12
13	Information	0.3	0.1	0.5	0.1	1.1	0.9	0.3	-0.3	0.8	-0.1	-0.2	2.2	-6.2	2.9	5.6	-2.0	0.5	-0.9	0.1	13
14	Finance, insurance, real estate, rental, and leasing	2.3	2.0	2.4	5.4	3.5	3.8	2.8	0.1	3.6	3.4	-0.1	4.1	-0.7	3.3	2.3	0.3	4.7	3.3	3.6	14
15	Finance and insurance	1.7	1.8	1.5	9.1	5.1	4.0	2.9	-2.9	4.7	3.0	-2.2	6.8	-2.7	2.4	2.0	-1.0	5.5	0.8	2.8	15
16	Real estate and rental and leasing	2.8	2.2	3.1	2.6	2.2	3.7	2.7	2.6	2.7	3.6	1.5	2.0	0.9	3.9	2.6	1.4	4.1	5.3	4.2	16
17	Professional and business services	1.2	0.8	1.4	2.3	1.6	0.8	0.6	2.2	1.2	0.8	0.6	0.8	0.6	1.1	1.6	1.1	1.8	1.5	3.0	17
18	Professional, scientific, and technical services	1.3	0.9	1.3	1.9	2.1	1.0	0.8	2.5	1.0	0.6	0.6	1.2	0.7	0.8	2.6	1.0	0.8	0.7	3.0	18
19	Management of companies and enterprises	-0.7	-0.9	-0.4	3.2	-1.1	-0.1	-1.6	-0.5	0.0	-0.8	-1.4	0.4	-3.0	0.2	-0.8	-1.4	0.8	1.0	-0.7	19
20	Administrative and waste management services	2.1	1.7	2.8	2.5	2.0	0.9	1.5	3.2	2.4	2.1	1.7	0.4	2.7	2.4	0.8	2.6	4.3	3.3	4.7	20
21	Educational services, health care, and social assistance	2.0	2.3	3.0	1.8	2.4	1.6	2.6	1.2	2.1	2.5	2.1	1.9	2.7	3.0	1.8	3.7	2.4	3.9	4.1	21
22	Educational services	2.2	2.5	2.7	2.4	2.4	2.1	2.9	1.8	1.5	3.2	2.2	2.3	2.9	2.4	2.6	0.9	3.5	4.3	4.7	22
23	Health care and social assistance	1.9	2.3	3.0	1.7	2.4	1.5	2.6	1.1	2.1	2.4	2.1	1.9	2.7	3.0	1.7	4.1	2.3	3.9	4.0	23
24	Arts, entertainment, recreation, accommodation, and food services	2.4	3.3	4.3	5.9	0.6	3.1	1.6	3.0	2.7	1.6	4.3	4.0	3.8	0.8	5.1	1.4	5.2	8.8	9.7	24
25	Arts, entertainment, and recreation	2.1	3.8	1.0	4.6	3.1	3.0	1.1	0.9	3.4	0.4	6.6	4.4	6.7	0.0	-0.5	-11.1	14.6	3.9	8.8	25
26	Accommodation and food services	2.6	3.1	5.2	6.3	-0.2	3.1	1.7	3.6	2.5	1.9	3.6	3.9	3.0	1.0	6.6	5.1	2.9	10.1	9.9	26
27	Other services, except government	3.1	3.4	4.3	2.9	2.4	2.8	2.8	3.0	4.0	2.8	3.0	4.7	1.8	4.2	3.5	5.2	3.6	5.3	6.5	27
28	Government	1.8	1.4	4.7	4.7	3.2	3.6	2.9	1.0	0.4	1.7	1.0	2.2	-0.5	2.9	3.0	6.8	4.9	6.4	7.1	28
29	Federal	1.9	1.1	3.9	4.1	3.0	2.5	3.3	4.5	-2.9	1.2	1.5	1.6	-0.3	3.1	2.4	4.5	4.3	5.6	6.6	29
30	State and local	1.7	1.6	5.2	4.9	3.3	4.1	2.7	-0.5	1.8	2.0	0.8	2.5	-0.6	2.8	3.3	7.9	5.2	6.7	7.3	30
Addenda:																					
31	Private goods-producing industries ¹	-0.6	-2.4	12.8	7.0	4.5	2.8	0.4	-4.6	1.2	-3.5	1.6	-4.2	-15.3	11.2	7.7	18.6	19.9	15.8	14.2	31
32	Private services-producing industries ²	2.0	1.5	4.0	3.3	2.7	2.2	2.9	1.0	2.4	2.3	0.4	1.7	-0.7	3.7	3.1	3.1	6.6	5.3	5.3	32

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

Source: U.S. Bureau of Economic Analysis

**Appendix Table A. Real Gross Domestic Product and Related Aggregates:
Percent Change from Preceding Period and Contributions to Percent Change**

Line		Seasonally adjusted at annual rates																		Line	
		2019	2020	2021 ^r	2018				2019				2020				2021				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		Q4 ^r
Percent change from preceding period																					
Gross domestic product (GDP) and related aggregates:																					
1	GDP	2.3	-3.4	5.7	3.1	3.4	1.9	0.9	2.4	3.2	2.8	1.9	-5.1	-31.2	33.8	4.5	6.3	6.7	2.3	6.9	1
2	Goods	4.3	0.3	10.7	3.4	5.5	3.7	5.4	5.4	3.2	3.5	2.3	-3.7	-28.7	62.9	4.6	10.8	9.8	0.1	19.0	2
3	Services	1.5	-5.5	4.0	2.8	2.2	2.2	0.6	0.6	2.5	2.0	2.3	-8.0	-32.3	23.8	3.1	4.2	7.9	4.7	2.4	3
4	Structures	0.8	-0.9	0.2	4.3	5.1	-5.2	-11.5	5.7	8.7	5.6	-2.4	12.2	-32.0	15.6	14.7	5.0	-10.0	-5.8	-2.9	4
5	Motor vehicle output	0.2	-12.7	7.6	6.7	3.4	-1.8	10.5	-10.5	2.3	11.7	-11.3	-30.7	-87.1	1,236.8	-12.8	1.1	-14.1	-38.4	34.6	5
6	GDP excluding motor vehicle output	2.4	-3.1	5.6	3.0	3.4	2.0	0.6	2.8	3.2	2.5	2.3	-4.3	-28.8	27.0	5.1	6.4	7.4	3.7	6.2	6
7	Nonfarm business gross value added ¹	2.7	-4.4	7.4	3.6	3.9	2.2	1.1	3.4	3.6	3.2	1.8	-7.4	-36.9	44.6	6.2	8.4	8.5	2.0	9.0	7
Contributions to percent change in real gross domestic product																					
Percent change at annual rate:																					
8	Gross domestic product	2.3	-3.4	5.7	3.1	3.4	1.9	0.9	2.4	3.2	2.8	1.9	-5.1	-31.2	33.8	4.5	6.3	6.7	2.3	6.9	8
Percentage points at annual rates:																					
9	Goods	1.27	0.08	3.24	1.01	1.60	1.07	1.54	1.57	0.97	1.05	0.69	-1.06	-7.34	17.63	1.46	3.31	3.05	0.05	5.70	9
10	Services	0.95	-3.41	2.42	1.71	1.35	1.33	0.39	0.37	1.53	1.25	1.40	-5.07	-20.79	14.68	1.86	2.52	4.62	2.77	1.44	10
11	Structures	0.07	-0.07	0.01	0.37	0.43	-0.46	-1.03	0.47	0.72	0.47	-0.20	1.01	-3.11	1.47	1.22	0.45	-0.94	-0.52	-0.25	11
12	Motor vehicle output	0.00	-0.35	0.18	0.19	0.10	-0.05	0.29	-0.31	0.06	0.30	-0.34	-0.95	-3.93	5.97	-0.40	0.03	-0.42	-1.26	0.78	12

r Revised

1. Consists of GDP less gross value added of farm, of households and institutions, and of general government.

Source: U.S. Bureau of Economic Analysis

Appendix Table B. Not Seasonally Adjusted Real Gross Domestic Product: Level and Percent Change from Quarter One Year Ago

Line		Billions of chained (2012) dollars at quarterly rates										Percent change from quarter one year ago								Line	
		2019		2020				2021				2019		2020			2021				
		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4 ^r	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		Q4 ^r
1	Gross domestic product (GDP)	4,796.8	4,900.9	4,615.6	4,302.0	4,660.4	4,806.7	4,631.3	4,842.2	4,881.1	5,064.9	2.7	0.7	-9.4	-2.8	-1.9	0.3	12.6	4.7	5.4	1
2	Personal consumption expenditures	3,288.8	3,414.9	3,164.5	2,932.4	3,191.3	3,341.8	3,226.6	3,411.7	3,421.7	3,566.0	2.5	0.4	-10.4	-3.0	-2.1	2.0	16.3	7.2	6.7	2
3	Gross private domestic investment	922.1	858.0	827.9	713.7	891.5	883.2	832.5	869.8	940.7	971.8	-0.1	-2.2	-19.2	-3.3	2.9	0.6	21.9	5.5	10.0	3
4	Net exports of goods and services	-253.6	-211.0	-190.2	-194.6	-273.6	-284.3	-272.1	-310.9	-351.3	-336.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
5	Exports	637.2	653.4	600.2	483.4	535.8	588.1	556.3	575.0	562.4	615.4	0.6	-3.5	-24.7	-15.9	-10.0	-7.3	18.9	5.0	4.6	5
6	Imports	890.8	864.4	790.4	678.1	809.4	872.4	828.4	885.8	913.7	952.0	-2.1	-4.2	-22.8	-9.1	0.9	4.8	30.6	12.9	9.1	6
7	Government consumption expenditures and gross investment	830.2	837.9	815.3	850.8	841.2	852.8	832.3	855.4	850.7	846.1	3.7	3.6	3.2	1.3	1.8	2.1	0.5	1.1	-0.8	7
Addenda:																					
Current dollar measures: (Billions of dollars)																					
8	GDP	5,398.2	5,512.8	5,224.5	4,876.9	5,302.3	5,490.1	5,367.8	5,711.8	5,822.8	6,121.4	4.4	2.1	-8.8	-1.8	-0.4	2.7	17.1	9.8	11.5	8
9	Gross domestic income	5,321.6	5,529.5	5,493.0	4,806.8	5,133.4	5,631.1	5,692.0	5,766.6	5,942.3	6,206.8	3.6	2.9	-8.5	-3.5	1.8	3.6	20.0	15.8	10.2	9

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Source: U.S. Bureau of Economic Analysis