

News Release

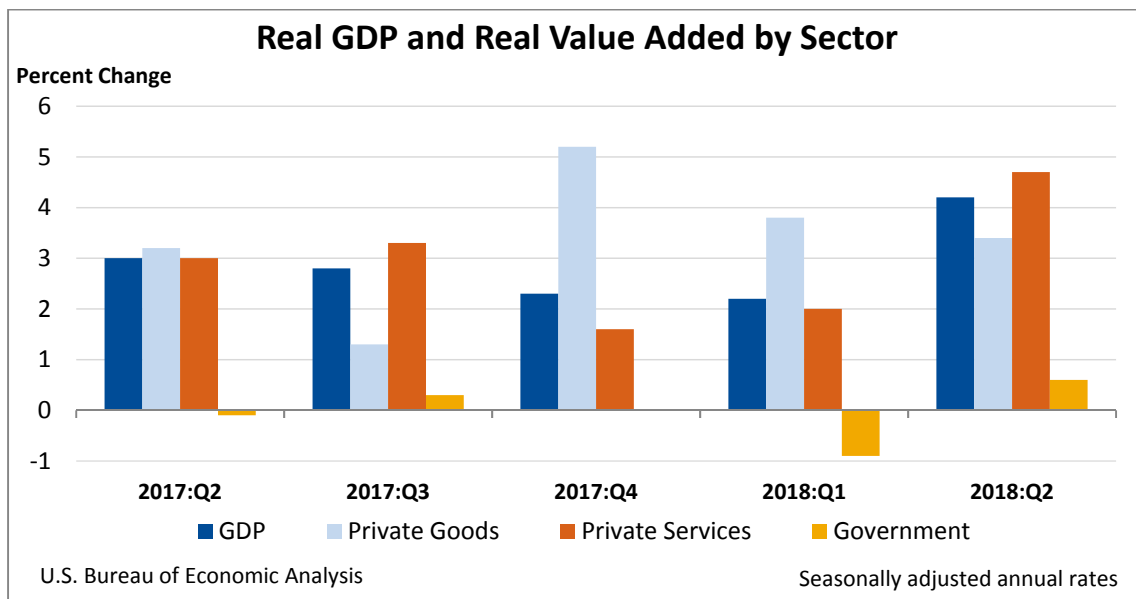
EMBARGOED UNTIL RELEASE AT 8:30 A.M. EDT, THURSDAY, NOVEMBER 1, 2018

BEA 18-58

Technical: Thomas Howells (301) 278-9586 IndustryEconomicAccounts@bea.gov
Edward Morgan (301) 278-9541
Media: Jeannine Aversa (301) 278-9003 Jeannine.Aversa@bea.gov

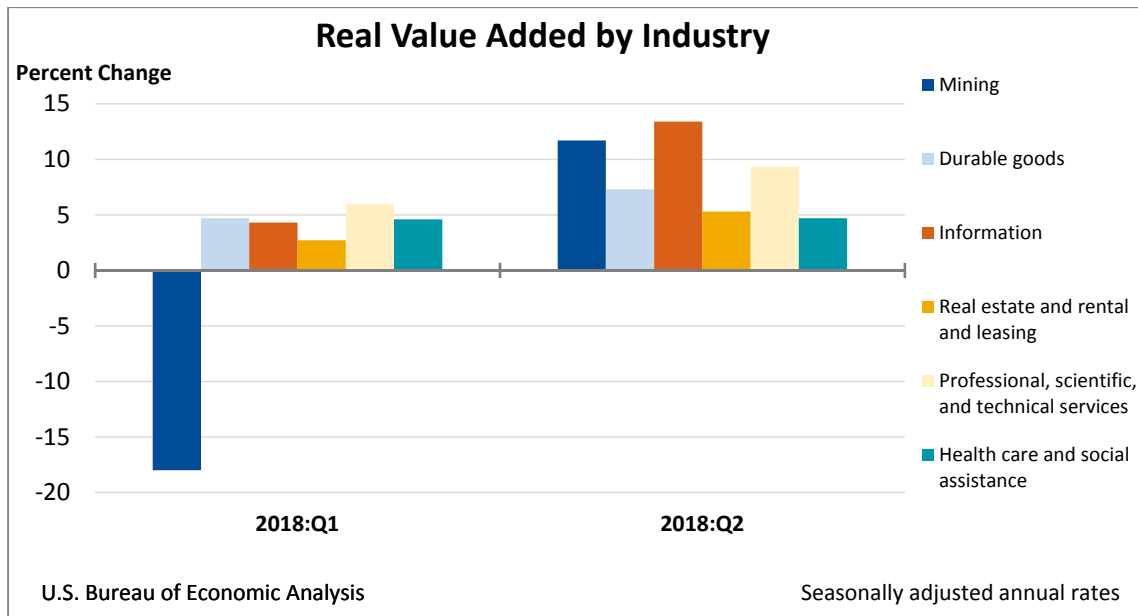
Gross Domestic Product by Industry: Second Quarter 2018 Comprehensive Update: 1997 Through First Quarter 2018

Information; real estate and rental and leasing; and professional, scientific, and technical services were the leading contributors to the increase in U.S. economic growth in the second quarter of 2018. According to gross domestic product (GDP) by industry statistics released by the Bureau of Economic Analysis, 16 of 22 industry groups contributed to the overall 4.2 percent increase in real GDP in the second quarter.



- For the information services industry group, real value added—a measure of an industry’s contribution to GDP—increased 13.4 percent in the second quarter, after increasing 4.3 percent in the first quarter. The second quarter growth primarily reflected an increase in data processing, internet publishing, and other information services.

- Real estate and rental and leasing increased 5.3 percent, after increasing 2.7 percent. The second quarter growth primarily reflected increases to other real estate, which includes offices of real estate agents and brokers, as well as housing.
- Professional, scientific, and technical services increased 9.3 percent, after increasing 6.0 percent. The second quarter growth primarily reflected an increase in miscellaneous professional, scientific, and technical services, which includes advertising and research and development services.

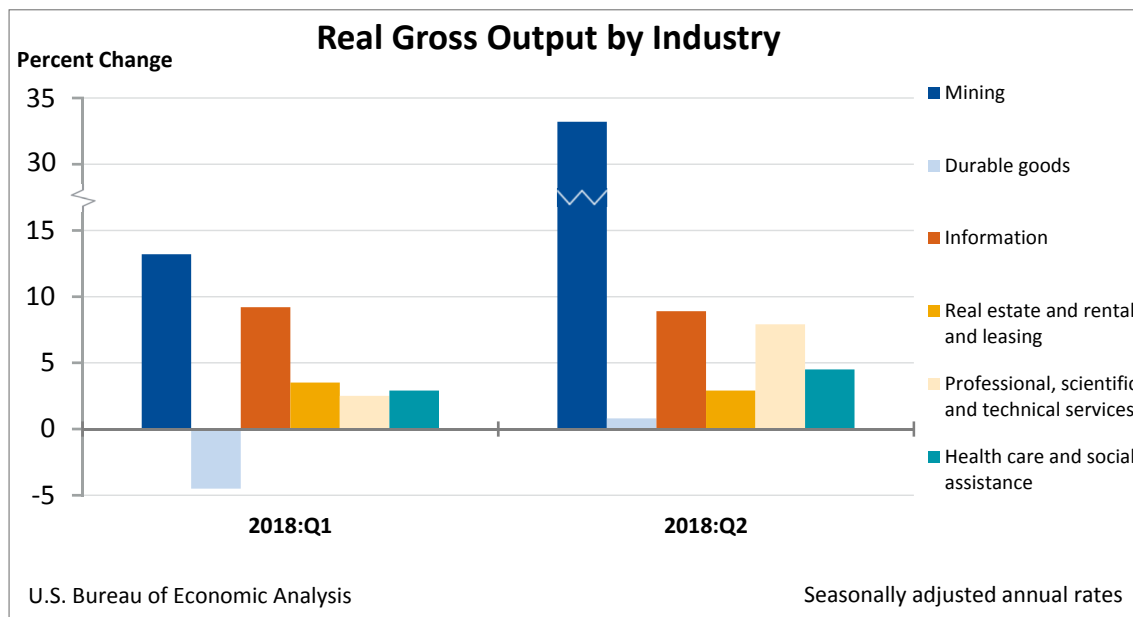


Other highlights

- Real GDP growth accelerated to 4.2 percent in the second quarter, up from 2.2 percent in the first quarter. Mining was the leading contributor to the acceleration in real GDP growth in the second quarter. Real value added for the industry group increased 11.7 percent, after decreasing 18.0 percent in the first quarter.
- Health care and social assistance increased 4.7 percent, after increasing 4.6 percent, primarily reflecting an increase in ambulatory health care services.
- Durable goods manufacturing increased 7.3 percent, after increasing 4.7 percent. The second quarter increase was primarily attributed to motor vehicles, bodies and trailers, and parts manufacturing.

Gross output by industry

Economy-wide, 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 4.0 percent in the second quarter. This reflected an increase of 3.6 percent for the private goods-producing sector, 4.6 percent for the private services-producing sector, and 1.5 percent for the government sector. Overall, 21 of 22 industry groups contributed to the increase in real gross output.



- Real gross output for mining increased 33.2 percent in the second quarter, after increasing 13.2 percent in the first quarter. This was the largest increase since the first quarter of 2017 and was primarily attributed to oil and gas extraction.
- Information increased 8.9 percent, after increasing 9.2 percent, primarily reflecting increases in data processing, internet publishing, and other information services, as well as motion picture and sound recording industries.
- Health care and social assistance increased 4.5 percent, after increasing 2.9 percent. This industry has increased for four consecutive quarters.

Comprehensive Update of the Industry Economic Accounts

The estimates released today reflect the results of the comprehensive update of the Industry Economic Accounts. The comprehensive update includes revised quarterly estimates beginning with the first quarter of 2005 and annual statistics revised back to 1997. The update incorporates source data that are more complete and reliable than those previously available. Major improvements introduced with this update include:

- Updated industry and commodity definitions consistent with the 2012 North American Industry Classification System (NAICS).
- The results of the 2012 benchmark supply-use tables (SUTs) that incorporate U.S. Census Bureau data on shipments, receipts, and business expenses from the 2012 Economic Census, Business Expenses Supplement, and Service Annual Survey (SAS).
- Incorporation of results from the 2018 comprehensive update of the National Income and Product Accounts, including improved deflation of software, medical equipment, and communications equipment, and the reclassification of research and development (R&D) for software originals from own-account software to R&D.
- A shift in emphasis toward SUTs consistent with international recommendations from the *2008 System of National Accounts (SNA)*.
- Introduction of more detailed annual data on value added, gross output, and intermediate inputs at roughly the four-digit NAICS level of detail (138 industries) as part of the underlying detail for the Industry Economic Accounts.
- Incorporation of newly available and revised source data (including the Census Bureau's Service Annual Survey, the Bureau of Labor Statistics' Quarterly Census of Employment and Wages, and the Department of Treasury's Statistics of Income).

Benchmark and annual supply-use tables, as well as the full set of GDP by industry results can be found on the [BEA Web site](#). The updated estimates reflect [previously announced improvements](#). Additional information will be available in an article in the December 2018 issue of the *Survey of Current Business*.

* * *

Next release – January 24, 2019 at 8:30 A.M. EST for:
Gross Domestic Product by Industry: Third Quarter 2018

Additional Information

Resources

Additional resources available at www.bea.gov:

- Stay informed about BEA developments by reading the BEA [blog](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA_News](#).
- Historical time series for these estimates can be accessed in BEA's [interactive data application](#).
- Access BEA data by registering for BEA's Data [application programming interface](#) (API).
- For more on BEA's statistics, see our monthly online journal, the [Survey of Current Business](#).
- BEA's [news release schedule](#)
- [Industry Concepts and Methods](#): Concepts and Methods of the U.S. Input-Output 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 output (GO) 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.

Statistical conventions

Annual rates. Quarterly values are expressed at seasonally-adjusted annual rates (SAAR), unless otherwise specified. Dollar changes are calculated as the difference between these SAAR values. For detail, see the FAQ [“Why does BEA publish estimates at annual rates?”](#)

Quantities and prices. Quantities, or “real” 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). “Real” dollar series are calculated by multiplying the published quantity index by the current-dollar value in the reference year (2012) and then dividing by 100. Percent changes calculated from chained-dollar levels and quantity indexes 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, the value of the “Not allocated by industry” line reflects the difference between the first line and the sum of the most detailed lines. For the real value added by industry table, this value also reflects differences in source data used to estimate GDP by industry and the expenditures measure of real GDP.

List of News Release Tables

Table 1. Real Value Added by Industry Group: Percent Change from Preceding Period

Table 2. Contributions to Percent Change in Real GDP by Industry Group

Table 3. Chain-Type Price Indexes for Value Added by Industry Group: Percent Change from Preceding Period

Table 4. Contributions to Percent Change in the GDP Price Index by Industry Group

Table 5. Value Added by Industry Group

Table 5a. Value Added by Industry Group as a Percentage of GDP

Table 6. Real Gross Output by Industry Group: Percent Change from Preceding Period

Table 7. Chain-Type Price Indexes for Gross Output by Industry Group: Percent Change from Preceding Period

Table 8. Gross Output by Industry Group

Table 1. Real Value Added by Industry Group: Percent Change from Preceding Period

Line		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	1.6	2.2	1.5	2.3	1.9	1.8	1.8	3.0	2.8	2.3	2.2	4.2
2	Private industries	1.6	2.1	1.9	2.6	1.6	1.6	1.7	3.1	2.9	2.3	2.3	4.4
3	Agriculture, forestry, fishing, and hunting	4.3	-4.8	8.6	5.9	-0.9	-4.9	-4.8	-7.8	-9.1	-4.9	-8.2	8.5
4	Mining	-4.8	1.5	26.2	-39.5	-11.6	-5.8	4.3	30.8	14.1	-5.0	-18.0	11.7
5	Utilities	5.0	-1.0	10.5	4.0	4.3	-2.5	-10.3	9.4	-6.3	8.4	-7.2	19.1
6	Construction	3.4	0.8	7.9	-0.8	1.7	1.3	1.5	-2.8	1.0	6.7	4.0	2.6
7	Manufacturing	-1.2	2.4	2.0	0.3	-0.7	-3.0	7.8	3.5	0.9	6.8	7.9	2.3
8	Durable goods	-0.5	3.2	-1.0	0.9	2.4	-0.6	3.5	4.6	6.1	6.9	4.7	7.3
9	Nondurable goods	-2.1	1.5	6.0	-0.5	-4.6	-6.2	13.8	2.1	-5.4	6.7	12.1	-3.7
10	Wholesale trade	-1.1	2.1	-8.5	3.7	5.6	-1.0	1.7	2.8	1.7	3.9	0.8	2.6
11	Retail trade	3.8	4.0	7.5	1.7	3.4	4.9	1.4	6.2	7.9	1.2	7.6	-1.0
12	Transportation and warehousing	1.2	4.0	-6.8	9.9	1.0	5.8	4.0	4.1	3.7	-0.2	6.4	-0.2
13	Information	10.5	7.1	9.2	8.5	8.3	3.7	3.2	12.1	11.1	7.2	4.3	13.4
14	Finance, insurance, real estate, rental, and leasing	1.1	0.1	-0.2	5.8	1.7	0.6	-1.2	-2.1	1.5	-1.7	-0.3	2.6
15	Finance and insurance	0.1	-1.6	-3.1	9.0	6.0	2.8	-6.1	-8.8	3.6	-7.7	-5.5	-2.0
16	Real estate and rental and leasing	1.7	1.0	1.5	4.1	-0.7	-0.6	1.8	2.0	0.3	1.8	2.7	5.3
17	Professional and business services	1.8	4.2	1.2	2.0	1.2	5.0	4.2	5.8	4.8	4.4	3.5	7.8
18	Professional, scientific, and technical services	2.3	3.4	3.3	2.3	-0.1	4.9	1.9	6.3	3.7	3.5	6.0	9.3
19	Management of companies and enterprises	1.0	6.5	-1.1	0.4	3.8	6.2	7.1	5.7	10.8	10.5	-1.7	4.8
20	Administrative and waste management services	1.1	4.8	-2.5	2.3	2.8	4.6	7.8	4.8	3.7	2.7	0.9	6.0
21	Educational services, health care, and social assistance	2.4	1.7	5.1	2.4	-1.3	4.0	0.9	2.5	1.3	1.9	4.4	3.9
22	Educational services	1.3	-2.1	3.3	0.0	-2.2	2.0	-9.9	-0.2	3.2	1.0	3.0	-0.5
23	Health care and social assistance	2.6	2.3	5.4	2.8	-1.1	4.3	2.8	2.9	1.0	2.0	4.6	4.7
24	Arts, entertainment, recreation, accommodation, and food services	0.6	1.8	-1.1	0.2	2.1	4.2	-1.0	4.1	2.7	-0.9	-3.3	6.7
25	Arts, entertainment, and recreation	2.2	3.6	2.9	2.7	3.9	9.7	-7.4	10.7	11.8	-3.5	-5.1	9.5
26	Accommodation and food services	0.0	1.2	-2.4	-0.7	1.5	2.2	1.5	1.8	-0.5	0.1	-2.7	5.7
27	Other services, except government	-0.7	0.5	-0.6	-0.1	0.5	-0.2	-1.7	2.5	3.3	1.1	0.0	4.2
28	Government	1.0	0.7	1.1	1.0	2.1	0.7	1.1	-0.1	0.3	0.0	-0.9	0.6
29	Federal	0.8	0.3	1.0	1.4	1.2	0.2	0.6	-0.7	0.1	-0.6	-1.5	-0.2
30	State and local	1.1	0.9	1.2	0.8	2.5	0.9	1.3	0.2	0.3	0.2	-0.6	0.9
	Addenda:												
31	Private goods-producing industries ¹	-0.2	1.6	5.1	-2.8	-1.0	-2.4	5.3	3.2	1.3	5.2	3.8	3.4
32	Private services-producing industries ²	2.1	2.3	1.1	4.0	2.2	2.6	0.8	3.0	3.3	1.6	2.0	4.7

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 2. Contributions to Percent Change in Real GDP by Industry Group

Line		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	Percent change at annual rate: Gross domestic product	1.6	2.2	1.5	2.3	1.9	1.8	1.8	3.0	2.8	2.3	2.2	4.2
2	Percentage points at annual rates: Private industries	1.42	1.88	1.63	2.28	1.38	1.37	1.45	2.66	2.54	2.02	2.03	3.89
3	Agriculture, forestry, fishing, and hunting	0.04	-0.04	0.08	0.06	-0.01	-0.04	-0.04	-0.07	-0.08	-0.04	-0.07	0.07
4	Mining	-0.06	0.02	0.28	-0.56	-0.15	-0.09	0.03	0.34	0.17	-0.08	-0.30	0.17
5	Utilities	0.08	-0.02	0.16	0.06	0.07	-0.04	-0.17	0.14	-0.10	0.13	-0.12	0.28
6	Construction	0.13	0.03	0.30	-0.03	0.07	0.05	0.06	-0.11	0.04	0.26	0.16	0.11
7	Manufacturing	-0.14	0.27	0.21	0.02	-0.08	-0.33	0.84	0.39	0.10	0.74	0.88	0.26
8	Durable goods	-0.03	0.20	-0.06	0.06	0.15	-0.04	0.21	0.28	0.38	0.43	0.29	0.45
9	Nondurable goods	-0.10	0.07	0.27	-0.03	-0.23	-0.30	0.63	0.10	-0.28	0.32	0.58	-0.19
10	Wholesale trade	-0.07	0.13	-0.55	0.23	0.33	-0.06	0.10	0.17	0.10	0.24	0.05	0.16
11	Retail trade	0.21	0.22	0.41	0.10	0.19	0.27	0.08	0.34	0.43	0.07	0.41	-0.06
12	Transportation and warehousing	0.04	0.12	-0.22	0.30	0.03	0.17	0.12	0.13	0.12	-0.01	0.20	0.00
13	Information	0.52	0.37	0.47	0.44	0.43	0.20	0.17	0.61	0.57	0.38	0.23	0.70
14	Finance, insurance, real estate, rental, and leasing	0.23	0.02	-0.04	1.20	0.36	0.13	-0.24	-0.43	0.31	-0.36	-0.07	0.55
15	Finance and insurance	0.01	-0.12	-0.24	0.65	0.45	0.22	-0.48	-0.69	0.27	-0.60	-0.43	-0.14
16	Real estate and rental and leasing	0.22	0.14	0.20	0.55	-0.09	-0.08	0.24	0.27	0.04	0.24	0.36	0.70
17	Professional and business services	0.22	0.52	0.14	0.25	0.15	0.60	0.51	0.71	0.59	0.54	0.43	0.96
18	Professional, scientific, and technical services	0.17	0.25	0.24	0.17	-0.01	0.35	0.14	0.46	0.28	0.26	0.44	0.68
19	Management of companies and enterprises	0.02	0.12	-0.02	0.01	0.07	0.11	0.13	0.11	0.20	0.19	-0.03	0.09
20	Administrative and waste management services	0.03	0.15	-0.08	0.07	0.08	0.14	0.23	0.15	0.11	0.08	0.03	0.18
21	Educational services, health care, and social assistance	0.21	0.15	0.43	0.21	-0.11	0.34	0.08	0.22	0.11	0.16	0.37	0.34
22	Educational services	0.02	-0.03	0.04	0.00	-0.03	0.03	-0.13	0.00	0.04	0.01	0.04	-0.01
23	Health care and social assistance	0.19	0.17	0.39	0.21	-0.08	0.32	0.21	0.22	0.07	0.15	0.34	0.34
24	Arts, entertainment, recreation, accommodation, and food services	0.02	0.08	-0.04	0.01	0.09	0.17	-0.04	0.17	0.11	-0.04	-0.14	0.27
25	Arts, entertainment, and recreation	0.02	0.04	0.03	0.03	0.04	0.10	-0.08	0.11	0.12	-0.04	-0.06	0.10
26	Accommodation and food services	0.00	0.04	-0.07	-0.02	0.05	0.07	0.04	0.05	-0.01	0.00	-0.08	0.17
27	Other services, except government	-0.01	0.01	-0.01	0.00	0.01	-0.01	-0.04	0.05	0.07	0.02	0.00	0.09
28	Government	0.13	0.09	0.15	0.13	0.27	0.09	0.14	-0.01	0.03	0.00	-0.11	0.07
29	Federal	0.03	0.01	0.04	0.06	0.05	0.01	0.02	-0.03	0.00	-0.02	-0.06	-0.01
30	State and local	0.10	0.08	0.10	0.07	0.22	0.08	0.11	0.01	0.03	0.02	-0.06	0.08
	Addenda:												
31	Private goods-producing industries ¹	-0.03	0.28	0.87	-0.52	-0.17	-0.41	0.89	0.55	0.23	0.88	0.67	0.61
32	Private services-producing industries ²	1.45	1.60	0.76	2.79	1.55	1.78	0.56	2.11	2.31	1.14	1.36	3.28

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 3. Chain-Type Price Indexes for Value Added by Industry Group: Percent Change from Preceding Period

Line		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	1.1	1.9	-0.2	2.7	1.4	2.3	2.0	1.2	2.2	2.5	2.0	3.0
2	Private industries	1.1	2.2	-0.7	2.9	1.9	2.4	2.3	1.3	2.2	3.2	2.3	3.8
3	Agriculture, forestry, fishing, and hunting	-12.7	7.8	-29.2	-3.1	-12.2	-11.6	54.3	6.4	-5.1	5.1	10.9	0.8
4	Mining	-11.9	22.4	-55.5	124.9	37.0	39.4	31.3	-14.9	-5.6	55.3	38.2	15.3
5	Utilities	-3.6	2.6	-10.0	1.7	7.0	-0.2	3.1	3.5	2.2	0.2	10.8	-11.0
6	Construction	3.8	4.0	2.0	6.0	2.6	5.9	3.4	4.3	4.5	0.1	5.6	7.2
7	Manufacturing	-0.6	2.0	-7.5	2.2	0.7	3.1	-0.6	2.3	6.6	2.6	-2.8	8.0
8	Durable goods	0.4	0.6	-1.0	0.0	-1.1	1.9	1.1	0.5	0.4	-0.4	-0.4	0.9
9	Nondurable goods	-1.9	3.9	-15.2	5.2	3.1	4.7	-2.9	4.6	15.1	6.4	-5.9	17.6
10	Wholesale trade	0.7	1.1	5.9	-3.4	-4.0	2.7	1.7	2.8	2.6	1.5	-0.8	5.6
11	Retail trade	-0.8	-0.6	-4.5	0.9	-1.5	-1.6	2.0	-2.4	-3.3	2.6	-3.3	7.6
12	Transportation and warehousing	1.3	1.3	7.3	-3.7	-1.6	1.3	1.5	3.3	1.9	5.4	1.5	6.7
13	Information	-1.3	-1.7	0.0	-1.0	-1.0	-1.5	-1.9	-2.2	-2.7	-0.4	-2.0	0.2
14	Finance, insurance, real estate, rental, and leasing	3.5	3.2	3.9	4.2	4.5	3.9	1.1	2.9	3.7	5.5	4.8	3.1
15	Finance and insurance	5.0	4.0	5.2	9.0	8.4	4.7	-1.0	3.0	4.3	10.7	8.3	7.3
16	Real estate and rental and leasing	2.7	2.7	3.1	1.6	2.3	3.4	2.3	2.8	3.4	2.6	2.8	0.8
17	Professional and business services	1.1	1.3	0.5	1.0	1.3	1.1	2.8	-0.2	1.3	0.5	2.2	1.6
18	Professional, scientific, and technical services	0.6	1.6	-1.0	0.6	1.9	0.7	3.9	-0.2	1.5	0.4	1.8	2.3
19	Management of companies and enterprises	-0.2	-0.5	0.0	-0.3	-1.0	0.0	-0.3	-0.6	-0.9	-0.5	2.6	-1.7
20	Administrative and waste management services	3.3	1.7	4.3	2.7	1.3	2.8	2.0	0.0	2.0	1.2	2.8	2.0
21	Educational services, health care, and social assistance	2.4	2.0	2.1	2.6	3.1	2.6	1.6	1.5	1.7	1.3	1.7	2.0
22	Educational services	2.8	2.7	2.4	3.7	3.6	3.8	2.9	2.0	1.0	1.9	1.8	2.1
23	Health care and social assistance	2.3	1.9	2.1	2.4	3.1	2.4	1.3	1.4	1.8	1.2	1.7	2.0
24	Arts, entertainment, recreation, accommodation, and food services	4.0	2.5	5.4	3.9	3.4	-0.5	4.2	2.1	3.0	2.4	6.1	0.7
25	Arts, entertainment, and recreation	3.4	1.5	5.4	2.4	6.8	-5.2	7.8	-2.5	0.5	0.7	4.3	2.3
26	Accommodation and food services	4.2	2.9	5.4	4.4	2.2	1.2	2.9	3.8	4.0	3.1	6.8	0.2
27	Other services, except government	3.1	3.0	3.4	2.8	2.2	3.4	4.4	2.3	2.3	2.1	3.5	2.7
28	Government	1.0	2.0	0.1	1.1	0.9	2.0	2.6	2.5	2.1	1.5	2.3	1.7
29	Federal	0.9	1.8	-0.1	0.1	1.6	2.6	2.6	1.9	0.7	-0.1	0.8	1.1
30	State and local	1.1	2.1	0.2	1.6	0.6	1.7	2.5	2.8	2.7	2.3	2.9	1.9
	Addenda:												
31	Private goods-producing industries ¹	-1.2	4.2	-11.0	8.2	2.6	5.2	4.7	1.5	4.5	5.6	2.7	8.1
32	Private services-producing industries ²	1.7	1.7	2.1	1.6	1.8	1.8	1.7	1.3	1.6	2.6	2.2	2.7

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 4. Contributions to Percent Change in the GDP Price Index by Industry Group

Line		2016	2017	Seasonally adjusted at annual rates										
				2016				2017				2018		
				I	II	III	IV	I	II	III	IV	I	II	
	Percent change at annual rate:													
1	Gross domestic product	1.1	1.9	-0.2	2.7	1.4	2.3	2.0	1.2	2.2	2.5	2.0	3.0	
	Percentage points at annual rates:													
2	Private industries	0.98	1.89	-0.57	2.51	1.67	2.13	1.98	1.17	1.93	2.80	2.04	3.30	
3	Agriculture, forestry, fishing, and hunting	-0.13	0.07	-0.33	-0.03	-0.12	-0.10	0.38	0.06	-0.05	0.04	0.09	0.01	
4	Mining	-0.16	0.26	-0.92	0.92	0.38	0.41	0.36	-0.21	-0.08	0.63	0.49	0.22	
5	Utilities	-0.06	0.04	-0.17	0.03	0.11	0.00	0.05	0.05	0.03	0.00	0.16	-0.18	
6	Construction	0.15	0.16	0.08	0.23	0.10	0.23	0.13	0.17	0.18	0.01	0.22	0.29	
7	Manufacturing	-0.07	0.23	-0.86	0.27	0.09	0.33	-0.08	0.25	0.72	0.30	-0.33	0.89	
8	Durable goods	0.03	0.04	-0.06	0.00	-0.07	0.12	0.07	0.04	0.03	-0.02	-0.02	0.06	
9	Nondurable goods	-0.10	0.19	-0.79	0.26	0.15	0.21	-0.15	0.22	0.70	0.32	-0.31	0.83	
10	Wholesale trade	0.04	0.07	0.35	-0.21	-0.25	0.16	0.10	0.17	0.15	0.09	-0.05	0.33	
11	Retail trade	-0.05	-0.04	-0.26	0.05	-0.08	-0.09	0.11	-0.14	-0.19	0.15	-0.19	0.41	
12	Transportation and warehousing	0.04	0.04	0.22	-0.12	-0.05	0.04	0.04	0.10	0.06	0.17	0.05	0.21	
13	Information	-0.07	-0.09	0.00	-0.06	-0.06	-0.08	-0.10	-0.12	-0.15	-0.02	-0.11	0.01	
14	Finance, insurance, real estate, rental, and leasing	0.72	0.66	0.79	0.86	0.94	0.81	0.24	0.59	0.76	1.12	0.97	0.64	
15	Finance and insurance	0.37	0.30	0.38	0.65	0.63	0.37	-0.07	0.23	0.32	0.77	0.60	0.53	
16	Real estate and rental and leasing	0.35	0.36	0.41	0.21	0.31	0.45	0.31	0.37	0.44	0.35	0.37	0.11	
17	Professional and business services	0.14	0.16	0.05	0.12	0.16	0.14	0.34	-0.03	0.16	0.06	0.27	0.20	
18	Professional, scientific, and technical services	0.04	0.12	-0.07	0.05	0.14	0.05	0.29	-0.01	0.11	0.03	0.13	0.17	
19	Management of companies and enterprises	0.00	-0.01	0.00	-0.01	-0.02	0.00	0.00	-0.01	-0.02	-0.01	0.05	-0.03	
20	Administrative and waste management services	0.10	0.05	0.13	0.08	0.04	0.09	0.06	0.00	0.06	0.04	0.09	0.06	
21	Educational services, health care, and social assistance	0.20	0.17	0.18	0.23	0.27	0.23	0.14	0.13	0.15	0.11	0.15	0.18	
22	Educational services	0.04	0.03	0.03	0.05	0.05	0.05	0.04	0.03	0.01	0.02	0.02	0.03	
23	Health care and social assistance	0.17	0.14	0.15	0.18	0.23	0.18	0.10	0.10	0.13	0.09	0.12	0.15	
24	Arts, entertainment, recreation, accommodation, and food services	0.16	0.10	0.22	0.16	0.14	-0.02	0.17	0.09	0.12	0.10	0.25	0.03	
25	Arts, entertainment, and recreation	0.04	0.02	0.06	0.03	0.07	-0.06	0.08	-0.03	0.01	0.01	0.05	0.03	
26	Accommodation and food services	0.12	0.09	0.16	0.13	0.07	0.04	0.09	0.11	0.12	0.09	0.20	0.01	
27	Other services, except government	0.07	0.06	0.07	0.06	0.05	0.07	0.09	0.05	0.05	0.05	0.07	0.06	
28	Government	0.13	0.26	0.01	0.15	0.11	0.25	0.32	0.32	0.26	0.19	0.28	0.21	
29	Federal	0.03	0.07	0.00	0.00	0.06	0.10	0.10	0.07	0.03	0.00	0.03	0.04	
30	State and local	0.09	0.19	0.01	0.14	0.05	0.15	0.22	0.24	0.23	0.20	0.25	0.16	
	Addenda:													
31	Private goods-producing industries ¹	-0.22	0.71	-2.02	1.39	0.45	0.87	0.79	0.26	0.78	0.97	0.47	1.41	
32	Private services-producing industries ²	1.20	1.18	1.45	1.12	1.23	1.26	1.19	0.90	1.15	1.83	1.57	1.89	

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 the chain-type price index for 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 GDP price growth.

Source: U.S. Bureau of Economic Analysis

Table 5. Value Added by Industry Group

Line		Billions of dollars											
		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	18,707.2	19,485.4	18,409.1	18,640.7	18,799.6	18,979.2	19,162.5	19,359.1	19,588.1	19,831.8	20,041.0	20,411.9
2	Private industries	16,319.4	17,031.7	16,043.6	16,262.6	16,403.8	16,567.4	16,729.0	16,911.2	17,126.0	17,360.6	17,561.6	17,918.6
3	Agriculture, forestry, fishing, and hunting	164.9	169.2	168.7	169.8	164.0	157.1	172.9	172.2	165.9	165.9	166.6	170.4
4	Mining	216.2	268.6	195.1	211.3	221.7	236.8	255.1	261.3	265.6	292.5	301.8	321.5
5	Utilities	302.7	307.5	296.0	300.1	308.4	306.4	300.5	309.9	306.6	313.0	315.3	319.8
6	Construction	745.5	781.4	731.3	740.6	748.5	761.7	770.9	773.6	784.0	797.1	816.1	835.7
7	Manufacturing	2,085.2	2,179.6	2,075.4	2,088.5	2,088.6	2,088.2	2,124.2	2,154.8	2,194.4	2,245.0	2,271.9	2,329.0
8	Durable goods	1,182.0	1,226.6	1,177.3	1,180.0	1,183.6	1,187.3	1,200.5	1,215.7	1,235.3	1,255.0	1,268.4	1,293.8
9	Nondurable goods	903.1	953.0	898.0	908.6	905.0	901.0	923.7	939.1	959.2	990.0	1,003.5	1,035.2
10	Wholesale trade	1,136.6	1,174.1	1,132.8	1,133.6	1,137.6	1,142.3	1,151.8	1,168.0	1,180.4	1,196.3	1,196.4	1,220.6
11	Retail trade	1,052.0	1,087.1	1,042.4	1,049.1	1,053.9	1,062.4	1,071.5	1,081.2	1,092.7	1,103.1	1,113.9	1,131.6
12	Transportation and warehousing	577.4	608.7	569.4	577.5	576.5	586.5	594.4	605.3	613.7	621.5	633.6	643.6
13	Information	998.1	1,050.8	974.9	992.4	1,009.8	1,015.1	1,018.4	1,042.1	1,062.5	1,080.0	1,085.9	1,121.2
14	Finance, insurance, real estate, rental, and leasing	3,929.8	4,057.1	3,817.6	3,912.2	3,972.6	4,016.9	4,016.3	4,024.0	4,075.7	4,112.5	4,157.1	4,216.2
15	Finance and insurance	1,432.7	1,465.9	1,356.1	1,415.6	1,465.9	1,493.2	1,466.6	1,444.1	1,472.4	1,480.6	1,489.1	1,508.2
16	Real estate and rental and leasing	2,497.2	2,591.2	2,461.5	2,496.6	2,506.8	2,523.8	2,549.7	2,579.9	2,603.4	2,632.0	2,668.0	2,708.0
17	Professional and business services	2,299.0	2,426.3	2,270.3	2,287.4	2,301.8	2,336.5	2,376.6	2,409.2	2,445.2	2,474.4	2,509.3	2,567.2
18	Professional, scientific, and technical services	1,381.1	1,450.0	1,365.7	1,375.7	1,381.9	1,400.9	1,421.2	1,442.3	1,461.1	1,475.4	1,503.8	1,546.6
19	Management of companies and enterprises	348.4	369.4	345.8	345.9	348.3	353.5	359.5	363.9	372.6	381.5	382.3	385.2
20	Administrative and waste management services	569.6	607.0	558.8	565.8	571.6	582.0	595.9	603.0	611.5	617.5	623.2	635.5
21	Educational services, health care, and social assistance	1,639.4	1,700.3	1,613.9	1,633.9	1,641.4	1,668.3	1,678.4	1,694.7	1,707.2	1,720.8	1,746.5	1,772.2
22	Educational services	244.1	245.6	241.1	243.4	244.1	247.6	243.0	244.1	246.6	248.5	251.4	252.4
23	Health care and social assistance	1,395.3	1,454.7	1,372.8	1,390.5	1,397.2	1,420.7	1,435.4	1,450.6	1,460.5	1,472.3	1,495.1	1,519.8
24	Arts, entertainment, recreation, accommodation, and food services	770.8	804.7	758.1	765.7	776.2	783.1	789.2	801.3	812.7	815.7	821.0	835.9
25	Arts, entertainment, and recreation	203.6	214.1	198.6	201.1	206.4	208.5	208.4	212.4	218.7	217.1	216.6	222.8
26	Accommodation and food services	567.2	590.6	559.5	564.6	569.8	574.6	580.9	588.9	594.0	598.6	604.4	613.1
27	Other services, except government	401.8	416.1	397.7	400.3	403.0	406.1	408.7	413.6	419.4	422.7	426.3	433.6
28	Government	2,387.8	2,453.7	2,365.5	2,378.2	2,395.8	2,411.8	2,433.5	2,448.0	2,462.1	2,471.2	2,479.5	2,493.3
29	Federal	744.8	759.9	738.8	741.7	746.8	752.0	757.8	760.0	761.5	760.3	758.8	760.6
30	State and local	1,643.0	1,693.8	1,626.7	1,636.5	1,649.0	1,659.9	1,675.7	1,687.9	1,700.6	1,711.0	1,720.6	1,732.7
	Addenda:												
31	Private goods-producing industries ¹	3,211.8	3,398.9	3,170.5	3,210.2	3,222.7	3,243.8	3,323.2	3,361.8	3,410.0	3,500.5	3,556.4	3,656.5
32	Private services-producing industries ²	13,107.6	13,632.8	12,873.1	13,052.4	13,181.1	13,323.6	13,405.8	13,549.4	13,716.0	13,860.1	14,005.2	14,262.1

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. Detail may not add to total due to rounding.

Source: U.S. Bureau of Economic Analysis

Table 5a. Value Added by Industry Group as a Percentage of GDP

Line		2016	2017	2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	Private industries	87.2	87.4	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.6	87.8
3	Agriculture, forestry, fishing, and hunting	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.8	0.8	0.8	0.8
4	Mining	1.2	1.4	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6
5	Utilities	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
6	Construction	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1
7	Manufacturing	11.1	11.2	11.3	11.2	11.1	11.0	11.1	11.1	11.2	11.3	11.3	11.4
8	Durable goods	6.3	6.3	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
9	Nondurable goods	4.8	4.9	4.9	4.9	4.8	4.7	4.8	4.9	4.9	5.0	5.0	5.1
10	Wholesale trade	6.1	6.0	6.2	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0
11	Retail trade	5.6	5.6	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5
12	Transportation and warehousing	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2
13	Information	5.3	5.4	5.3	5.3	5.4	5.3	5.3	5.4	5.4	5.4	5.4	5.5
14	Finance, insurance, real estate, rental, and leasing	21.0	20.8	20.7	21.0	21.1	21.2	21.0	20.8	20.8	20.7	20.7	20.7
15	Finance and insurance	7.7	7.5	7.4	7.6	7.8	7.9	7.7	7.5	7.5	7.5	7.4	7.4
16	Real estate and rental and leasing	13.3	13.3	13.4	13.4	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
17	Professional and business services	12.3	12.5	12.3	12.3	12.2	12.3	12.4	12.4	12.5	12.5	12.5	12.6
18	Professional, scientific, and technical services	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.4	7.5	7.6
19	Management of companies and enterprises	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
20	Administrative and waste management services	3.0	3.1	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
21	Educational services, health care, and social assistance	8.8	8.7	8.8	8.8	8.7	8.8	8.8	8.8	8.7	8.7	8.7	8.7
22	Educational services	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
23	Health care and social assistance	7.5	7.5	7.5	7.5	7.4	7.5	7.5	7.5	7.5	7.4	7.5	7.4
24	Arts, entertainment, recreation, accommodation, and food services	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
25	Arts, entertainment, and recreation	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
26	Accommodation and food services	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
27	Other services, except government	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
28	Government	12.8	12.6	12.8	12.8	12.7	12.7	12.7	12.6	12.6	12.5	12.4	12.2
29	Federal	4.0	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.8	3.8	3.7
30	State and local	8.8	8.7	8.8	8.8	8.8	8.7	8.7	8.7	8.7	8.6	8.6	8.5
	Addenda:												
31	Private goods-producing industries ¹	17.2	17.4	17.2	17.2	17.1	17.1	17.3	17.4	17.4	17.7	17.7	17.9
32	Private services-producing industries ²	70.1	70.0	69.9	70.0	70.1	70.2	70.0	70.0	70.0	69.9	69.9	69.9

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. Detail may not add to total due to rounding.

Source: U.S. Bureau of Economic Analysis

Table 6. Real Gross Output by Industry Group: Percent Change from Preceding Period

Line		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	All industries	1.9	2.6	1.9	2.1	2.9	2.4	2.9	2.0	2.1	4.1	1.4	4.0
2	Private industries	1.9	2.9	1.9	2.2	3.1	2.7	3.4	2.2	2.4	4.5	1.5	4.3
3	Agriculture, forestry, fishing, and hunting	4.1	-0.6	8.7	1.9	-2.5	5.6	-3.0	-2.5	-1.6	0.0	-1.6	6.5
4	Mining	-16.5	11.5	-20.5	-19.8	-2.1	1.9	37.2	15.3	4.4	18.3	13.2	33.2
5	Utilities	-4.5	-1.6	-5.0	-0.4	4.3	-8.2	-13.8	22.2	-8.9	9.3	-2.5	11.0
6	Construction	5.4	0.4	12.3	2.1	2.6	2.4	1.2	-3.5	-3.4	5.8	3.4	3.0
7	Manufacturing	0.3	1.7	1.0	-1.3	2.1	1.6	1.5	1.2	2.6	5.4	-3.0	1.1
8	Durable goods	-1.6	4.0	-2.7	-4.2	2.9	4.0	5.2	3.5	5.8	7.6	-4.5	0.8
9	Nondurable goods	2.3	-0.5	4.9	1.8	1.1	-0.8	-2.1	-1.0	-0.7	3.2	-1.4	1.3
10	Wholesale trade	-1.2	4.7	-9.7	5.1	5.7	2.4	5.8	1.9	7.5	8.3	1.5	7.1
11	Retail trade	4.7	3.9	5.5	4.7	3.6	3.8	2.7	3.4	5.8	6.2	2.7	1.7
12	Transportation and warehousing	-0.4	2.2	-3.8	-2.6	5.3	3.9	1.9	4.6	-2.6	-0.3	4.2	3.6
13	Information	6.0	5.6	6.3	1.9	5.1	3.1	8.0	4.8	7.7	5.8	9.2	8.9
14	Finance, insurance, real estate, rental, and leasing	2.0	2.8	0.8	3.8	3.5	0.3	5.2	2.3	1.6	2.5	2.8	0.8
15	Finance and insurance	0.4	3.6	-3.0	2.8	4.6	-3.2	8.8	4.8	1.8	3.9	1.8	-1.9
16	Real estate and rental and leasing	3.3	2.2	3.8	4.6	2.7	2.9	2.6	0.5	1.4	1.4	3.5	2.9
17	Professional and business services	4.1	4.3	5.6	6.0	4.7	6.2	3.0	4.2	2.2	5.9	1.3	6.9
18	Professional, scientific, and technical services	4.4	4.7	8.5	4.9	4.4	8.3	3.0	5.7	0.7	7.2	2.5	7.9
19	Management of companies and enterprises	1.9	2.4	3.5	1.1	1.6	0.3	1.4	0.2	9.1	9.5	-0.8	2.8
20	Administrative and waste management services	4.4	4.4	0.5	11.3	7.0	5.0	3.9	3.2	1.8	1.2	-0.3	6.7
21	Educational services, health care, and social assistance	3.3	2.9	3.7	4.9	-0.5	6.2	3.4	-1.2	5.3	3.5	2.5	4.0
22	Educational services	0.4	0.1	-1.2	3.0	-4.9	-0.4	0.1	0.2	4.6	0.1	-0.1	0.7
23	Health care and social assistance	3.8	3.3	4.5	5.2	0.1	7.3	3.9	-1.4	5.4	4.0	2.9	4.5
24	Arts, entertainment, recreation, accommodation, and food services	2.8	1.3	3.4	0.6	3.3	4.8	0.6	0.5	-0.6	-2.1	-2.4	12.6
25	Arts, entertainment, and recreation	2.4	4.6	4.4	-3.9	3.2	19.4	-3.4	7.9	7.8	-7.6	-5.7	16.0
26	Accommodation and food services	2.9	0.3	3.1	2.0	3.3	0.6	1.8	-1.8	-3.2	-0.3	-1.4	11.6
27	Other services, except government	3.1	1.0	7.9	0.0	5.7	1.8	0.0	-2.6	1.4	4.8	0.3	3.8
28	Government	1.8	0.2	2.2	1.3	1.3	0.0	-0.6	0.3	-0.2	1.1	0.9	1.5
29	Federal	0.7	-0.3	1.0	0.5	1.4	-0.7	-2.2	0.2	-0.9	4.1	2.4	1.0
30	State and local	2.3	0.4	2.7	1.6	1.3	0.3	0.0	0.3	0.1	-0.2	0.2	1.6
	Addenda:												
31	Private goods-producing industries ¹	0.4	1.9	2.1	-1.5	1.7	1.9	2.8	0.9	1.3	5.9	-0.8	3.6
32	Private services-producing industries ²	2.5	3.2	1.8	3.6	3.7	3.0	3.6	2.7	2.8	4.0	2.4	4.6

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 7. Chain-Type Price Indexes for Gross Output by Industry Group: Percent Change from Preceding Period

Line		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	All industries	0.2	2.5	-2.0	3.1	2.4	2.5	3.1	1.4	1.8	3.9	3.3	3.3
2	Private industries	0.2	2.4	-2.0	3.2	2.4	2.5	3.0	1.3	1.8	4.0	3.3	3.4
3	Agriculture, forestry, fishing, and hunting	-9.8	2.4	-18.2	-4.2	-8.4	-7.4	21.5	1.9	-2.5	4.6	6.6	0.0
4	Mining	-7.2	14.5	-38.3	61.2	26.1	23.1	20.6	-9.4	-3.3	31.5	22.9	7.9
5	Utilities	-2.8	4.3	-10.1	3.0	11.6	2.9	6.8	0.6	1.1	3.5	9.9	-7.4
6	Construction	1.9	3.4	0.1	4.6	2.4	3.9	3.3	3.2	3.9	2.4	5.1	6.9
7	Manufacturing	-2.7	3.9	-9.5	5.3	2.4	4.0	5.3	2.0	3.1	6.6	4.5	6.2
8	Durable goods	-0.6	1.9	-2.0	1.7	1.5	1.2	2.5	2.1	1.9	1.6	2.4	4.5
9	Nondurable goods	-4.9	6.0	-16.8	9.2	3.4	7.0	8.2	1.8	4.4	12.1	6.6	8.1
10	Wholesale trade	0.6	1.3	3.5	-1.7	-1.9	2.2	1.8	2.2	2.0	2.0	0.4	3.9
11	Retail trade	-0.3	0.3	-2.7	1.1	0.0	-0.3	2.0	-1.0	-1.4	2.7	-1.3	4.7
12	Transportation and warehousing	-0.3	2.4	-0.7	0.7	1.3	2.6	2.9	1.5	2.5	6.7	3.4	5.9
13	Information	-0.3	-0.7	0.9	0.0	0.8	0.1	-2.0	-0.9	-1.6	0.3	-0.5	0.8
14	Finance, insurance, real estate, rental, and leasing	2.8	2.9	2.8	4.1	4.2	3.3	1.3	2.4	3.0	4.8	4.0	3.1
15	Finance and insurance	3.3	2.9	3.4	6.2	6.0	3.5	-0.4	2.3	3.0	7.2	5.2	5.1
16	Real estate and rental and leasing	2.4	2.8	2.4	2.5	2.8	3.2	2.6	2.6	2.9	3.1	3.1	1.6
17	Professional and business services	0.9	1.3	0.4	1.1	1.3	1.3	2.2	0.4	1.2	1.1	1.9	1.6
18	Professional, scientific, and technical services	0.7	1.5	-0.3	0.8	1.7	1.0	3.0	0.4	1.4	1.0	1.6	1.9
19	Management of companies and enterprises	0.0	0.1	-0.4	0.4	0.3	0.6	-0.3	0.0	-0.5	0.5	2.1	-0.5
20	Administrative and waste management services	2.1	1.6	2.5	2.1	1.3	2.3	1.8	0.6	1.7	1.7	2.4	2.0
21	Educational services, health care, and social assistance	1.6	1.8	1.3	1.9	2.3	2.1	1.7	1.6	1.2	1.7	1.8	2.0
22	Educational services	1.9	2.3	1.5	2.8	2.8	2.9	2.6	1.8	0.9	1.8	1.9	1.7
23	Health care and social assistance	1.5	1.7	1.2	1.7	2.2	2.0	1.6	1.5	1.3	1.7	1.8	2.0
24	Arts, entertainment, recreation, accommodation, and food services	2.3	2.2	2.7	2.5	3.2	0.3	3.3	1.9	2.0	2.2	4.6	0.6
25	Arts, entertainment, and recreation	2.4	1.6	3.5	1.8	5.7	-3.3	6.6	-1.5	0.7	1.0	3.8	2.1
26	Accommodation and food services	2.3	2.3	2.5	2.7	2.4	1.5	2.2	3.0	2.5	2.6	4.8	0.1
27	Other services, except government	1.9	2.3	2.0	2.2	2.0	2.5	3.1	1.7	2.0	2.2	3.0	2.4
28	Government	0.4	2.6	-2.0	2.4	2.3	2.5	3.6	1.6	2.3	3.6	3.2	2.5
29	Federal	0.5	2.0	-1.0	1.3	1.9	2.1	3.1	1.7	1.0	1.4	2.0	2.2
30	State and local	0.3	2.9	-2.4	2.9	2.5	2.6	3.9	1.6	2.9	4.5	3.7	2.7
	Addenda:												
31	Private goods-producing industries ¹	-2.6	4.2	-10.0	6.7	2.9	4.3	6.5	1.5	2.6	7.1	5.8	6.2
32	Private services-producing industries ²	1.3	1.8	1.1	1.9	2.2	1.9	1.7	1.3	1.5	2.9	2.4	2.4

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 8. Gross Output by Industry Group

Line		Billions of dollars											
		2016	2017	Seasonally adjusted at annual rates									
				2016				2017				2018	
				I	II	III	IV	I	II	III	IV	I	II
1	All industries	32,776.4	34,445.6	32,153.3	32,563.8	32,991.6	33,397.0	33,893.3	34,174.9	34,512.1	35,202.3	35,613.5	36,263.7
2	Private industries	29,128.5	30,695.3	28,552.1	28,929.6	29,324.7	29,707.6	30,176.7	30,440.7	30,758.4	31,405.2	31,778.2	32,390.2
3	Agriculture, forestry, fishing, and hunting	428.2	435.8	436.8	434.2	422.1	419.7	437.3	436.6	432.2	437.1	442.4	449.4
4	Mining	382.0	487.9	348.4	372.1	392.4	415.1	470.2	474.9	475.7	531.1	576.8	631.5
5	Utilities	477.3	489.6	467.6	470.7	488.9	482.0	472.1	497.1	487.0	502.2	511.0	514.4
6	Construction	1,478.0	1,534.7	1,445.2	1,469.1	1,487.5	1,510.4	1,527.3	1,526.0	1,527.3	1,558.2	1,590.8	1,629.7
7	Manufacturing	5,573.0	5,889.5	5,483.4	5,535.7	5,597.6	5,675.4	5,770.4	5,816.5	5,898.1	6,072.9	6,092.6	6,202.0
8	Durable goods	2,836.3	3,004.5	2,825.8	2,806.9	2,837.9	2,874.5	2,928.8	2,969.6	3,025.7	3,093.9	3,076.5	3,116.7
9	Nondurable goods	2,736.7	2,885.0	2,657.6	2,728.8	2,759.8	2,800.8	2,841.6	2,847.0	2,872.4	2,979.0	3,016.0	3,085.3
10	Wholesale trade	1,817.7	1,928.1	1,793.4	1,808.1	1,824.3	1,845.1	1,879.3	1,898.6	1,942.7	1,991.6	2,000.8	2,055.0
11	Retail trade	1,720.5	1,792.5	1,691.1	1,715.3	1,730.4	1,745.2	1,765.6	1,775.7	1,794.7	1,834.1	1,840.7	1,869.7
12	Transportation and warehousing	1,104.1	1,155.5	1,094.8	1,089.6	1,107.2	1,125.0	1,138.3	1,155.4	1,155.1	1,173.3	1,195.3	1,223.3
13	Information	1,659.3	1,738.4	1,638.4	1,645.8	1,669.8	1,683.2	1,707.1	1,723.2	1,748.6	1,774.7	1,811.7	1,854.4
14	Finance, insurance, real estate, rental, and leasing	6,200.9	6,556.3	6,040.0	6,158.0	6,274.8	6,330.9	6,432.8	6,508.7	6,582.1	6,701.5	6,813.8	6,878.8
15	Finance and insurance	2,627.7	2,803.3	2,550.4	2,607.2	2,675.8	2,677.3	2,731.6	2,779.3	2,812.9	2,889.5	2,939.5	2,961.3
16	Real estate and rental and leasing	3,573.2	3,752.9	3,489.6	3,550.8	3,599.0	3,653.6	3,701.1	3,729.4	3,769.2	3,811.9	3,874.4	3,917.4
17	Professional and business services	3,593.2	3,796.6	3,504.7	3,565.3	3,618.2	3,684.8	3,732.5	3,774.8	3,806.8	3,872.5	3,902.9	3,984.0
18	Professional, scientific, and technical services	2,099.8	2,232.1	2,050.8	2,079.5	2,110.6	2,158.3	2,190.5	2,223.0	2,234.9	2,279.9	2,303.1	2,358.8
19	Management of companies and enterprises	535.5	548.9	532.5	534.4	536.9	538.1	539.7	540.0	551.2	564.5	566.3	569.4
20	Administrative and waste management services	957.9	1,015.7	921.4	951.3	970.7	988.3	1,002.3	1,011.8	1,020.6	1,028.1	1,033.6	1,055.7
21	Educational services, health care, and social assistance	2,656.0	2,781.5	2,603.9	2,647.5	2,659.0	2,713.8	2,748.4	2,751.0	2,795.4	2,831.1	2,861.4	2,904.1
22	Educational services	349.0	357.3	345.7	350.7	348.7	350.9	353.2	354.9	359.8	361.4	363.0	365.2
23	Health care and social assistance	2,307.1	2,424.1	2,258.2	2,296.9	2,310.3	2,362.9	2,395.2	2,396.1	2,435.6	2,469.7	2,498.4	2,538.9
24	Arts, entertainment, recreation, accommodation, and food services	1,363.6	1,411.9	1,340.7	1,351.0	1,372.8	1,389.9	1,403.2	1,411.4	1,416.3	1,416.6	1,423.7	1,468.8
25	Arts, entertainment, and recreation	320.2	340.4	315.1	313.4	320.3	332.0	334.4	339.6	346.6	340.7	339.0	353.6
26	Accommodation and food services	1,043.4	1,071.5	1,025.6	1,037.6	1,052.5	1,057.9	1,068.7	1,071.8	1,069.7	1,075.9	1,084.7	1,115.2
27	Other services, except government	674.4	697.0	663.6	667.2	679.8	687.1	692.4	690.7	696.4	708.5	714.3	725.3
28	Government	3,647.9	3,750.4	3,601.2	3,634.2	3,666.9	3,689.4	3,716.5	3,734.2	3,753.6	3,797.1	3,835.3	3,873.5
29	Federal	1,112.4	1,131.4	1,103.1	1,108.2	1,117.3	1,121.1	1,123.3	1,128.8	1,129.1	1,144.5	1,157.0	1,166.4
30	State and local	2,535.5	2,618.9	2,498.0	2,526.0	2,549.6	2,568.3	2,593.2	2,605.5	2,624.5	2,652.5	2,678.3	2,707.1
	Addenda:												
31	Private goods-producing industries ¹	7,861.3	8,347.9	7,713.9	7,811.1	7,899.6	8,020.6	8,205.2	8,254.0	8,333.3	8,599.2	8,702.5	8,912.6
32	Private services-producing industries ²	21,267.2	22,347.4	20,838.2	21,118.5	21,425.1	21,687.0	21,971.6	22,186.7	22,425.1	22,806.0	23,075.7	23,477.7

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