

News Release

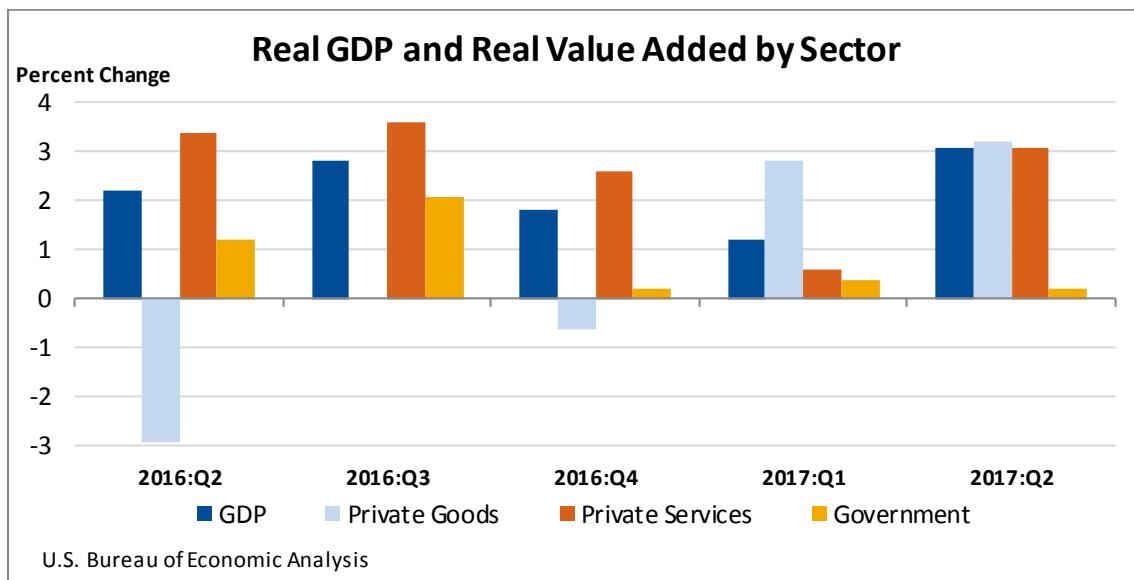
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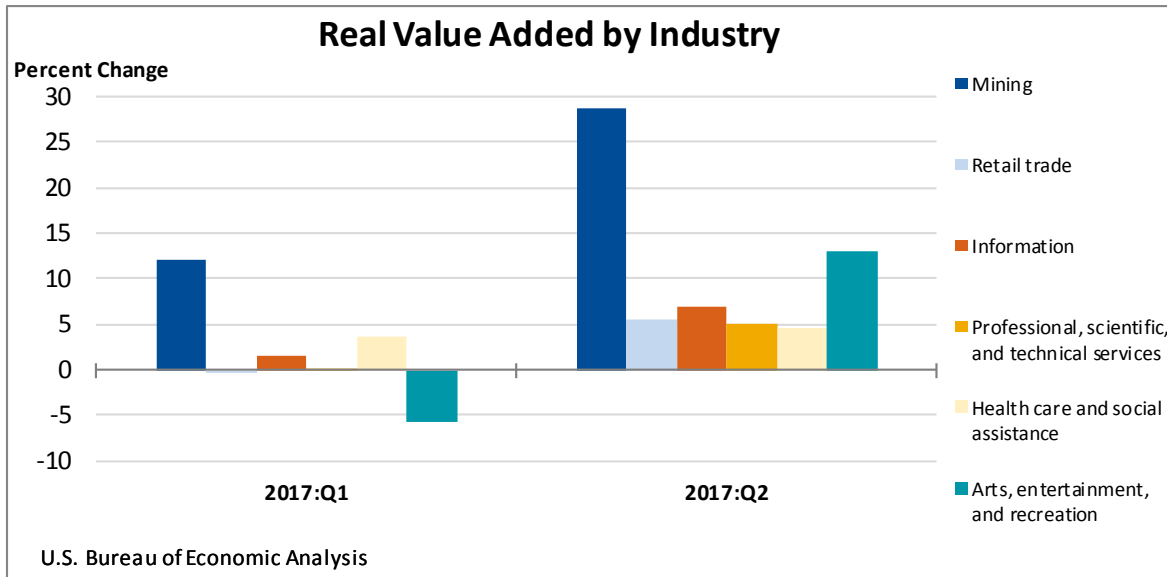
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Gross Domestic Product by Industry: Second Quarter 2017 Annual Update: 2014 through First Quarter 2017 *Mining Led Growth in the Second Quarter*

Mining; professional, scientific, and technical services; and health care and social assistance were the leading contributors to the increase in U.S. economic growth in the second quarter of 2017. According to gross domestic product (GDP) by industry statistics released by the Bureau of Economic Analysis, 17 of 22 industry groups contributed to the overall 3.1 percent increase in real GDP in the second quarter.



- For the mining industry, real value added—a measure of an industry’s contribution to GDP—increased 28.6 percent in the second quarter, after increasing 12.1 percent in the first quarter. This was the largest increase since the fourth quarter of 2014 and primarily reflected increases in both oil and gas extraction and support activities for mining.
- Professional, scientific, and technical services increased 5.1 percent, after increasing 0.1 percent. This was the largest increase since the third quarter of 2014.
- Health care and social assistance increased 4.7 percent, after increasing 3.7 percent. The second quarter growth primarily reflected an increase in ambulatory health care services.

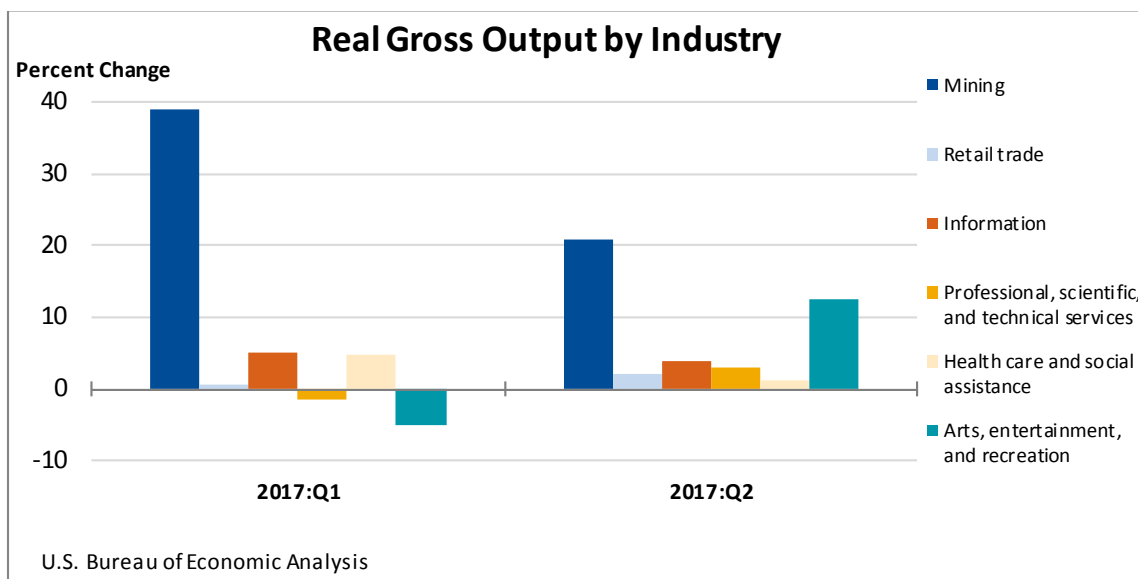


Other highlights

- Real GDP growth increased to 3.1 percent in the second quarter, from 1.2 percent in the first quarter. Professional, scientific, and technical services was the leading contributor to the acceleration in real GDP in the second quarter. The larger increase was primarily attributed to miscellaneous professional, scientific, and technical services, which includes industries like specialized design services; architectural services; and translation and interpretation services.
- Retail trade increased 5.6 percent, after decreasing 0.3 percent, and was the second leading contributor to the acceleration.
- Information services increased 7.0 percent, after increasing 1.6 percent. The second quarter increase was primarily attributed to the broadcasting and telecommunications industry.

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 2.5 percent in the second quarter. This reflected an increase of 3.8 percent in real gross output for the private services-producing sector and 1.3 percent for the government sector, while the private goods-producing sector decreased 0.2 percent. Overall, 18 of 22 industry groups contributed to the increase in real gross output.



- Real gross output for mining increased 20.7 percent, after increasing 39.0 percent in the first quarter.
- Retail trade increased 2.0 percent, after increasing 0.6 percent. This primarily reflected increases in other retail, which includes nonstore retailers.
- Arts, entertainment, and recreation increased 12.5 percent, after decreasing 5.1 percent.

Annual Update of the Industry Economic Accounts

The estimates released today reflect the results of the annual update of the industry economic accounts in conjunction with newly available statistics for GDP by industry for the second quarter of 2017. Additional information on this revision will be available in an article in the December 2017 issue of the *Survey of Current Business*.

This year's annual update includes revised estimates beginning with the first quarter of 2014. The update incorporates source data that are more complete and reliable than those previously available. Major improvements introduced with this update include:

- Results from the 2017 annual update of the national income and product accounts and international transactions accounts.
- Incorporation of newly available and revised source data (e.g., 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).
- New supply-use tables (SUTs) for 2016, and revised SUTs for 2014 and 2015.
- Industry-specific estimates of value added, intermediate inputs, and gross output, in real and current dollars, are now accessible in consolidated data tables via [Industry Facts](#).

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Next release – January 19, 2018 at 8:30 A.M. EST for:
Gross Domestic Product by Industry: Third Quarter 2017

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 2009). 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 (2009) 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		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	2.9	1.5	3.2	2.7	1.6	0.5	0.6	2.2	2.8	1.8	1.2	3.1
2	Private industries	3.1	1.5	3.7	2.4	1.4	0.7	0.9	2.0	2.8	1.9	1.1	3.1
3	Agriculture, forestry, fishing, and hunting.....	7.6	10.5	3.5	5.5	21.7	-0.9	23.2	13.2	0.4	-3.2	-26.1	-10.6
4	Mining.....	5.8	-13.3	6.4	-16.2	-3.0	-21.4	-7.6	-27.7	-5.3	8.5	12.1	28.6
5	Utilities.....	-1.4	4.7	-22.0	20.4	8.6	-8.8	7.6	2.9	14.5	1.2	-6.4	8.8
6	Construction.....	5.3	3.3	3.5	14.1	6.6	1.2	9.4	-4.9	1.3	-0.4	3.9	-2.2
7	Manufacturing.....	0.9	0.5	6.2	-4.8	0.9	-2.1	4.7	0.0	0.3	-1.6	4.0	3.2
8	Durable goods.....	0.2	-0.2	-1.3	-2.5	-1.5	0.8	-3.2	1.9	3.7	0.7	3.2	2.9
9	Nondurable goods.....	1.7	1.2	15.5	-7.3	3.7	-5.3	14.6	-2.2	-3.6	-4.2	4.9	3.5
10	Wholesale trade.....	2.9	0.2	0.3	2.1	-1.3	1.9	-4.7	2.6	4.9	-0.1	3.3	2.7
11	Retail trade.....	3.7	4.2	3.7	9.3	3.3	6.8	2.6	3.2	2.8	5.0	-0.3	5.6
12	Transportation and warehousing.....	0.2	0.7	-6.0	4.2	6.0	-3.8	-5.2	6.4	4.0	2.0	3.9	2.5
13	Information.....	10.3	5.5	20.1	10.8	9.5	10.6	5.7	-3.0	5.4	3.9	1.6	7.0
14	Finance, insurance, real estate, rental, and leasing.....	2.9	0.7	6.4	3.0	-3.7	-1.7	-0.6	4.4	3.3	4.2	-1.5	-0.9
15	Finance and insurance.....	4.7	-2.1	14.5	8.6	-14.3	-6.3	-8.5	7.4	8.3	7.3	-7.0	-6.6
16	Real estate and rental and leasing.....	1.9	2.4	2.1	-0.2	3.0	1.1	4.1	2.9	0.6	2.5	1.7	2.3
17	Professional and business services.....	3.1	2.2	2.5	-0.1	2.8	2.6	-0.1	4.6	3.3	2.1	1.9	5.9
18	Professional, scientific, and technical services.....	3.9	2.9	4.2	1.3	2.4	2.2	3.7	3.8	2.3	2.3	0.1	5.1
19	Management of companies and enterprises.....	2.9	1.7	2.4	-4.1	4.3	3.9	-8.2	12.0	4.6	2.2	2.9	4.8
20	Administrative and waste management services.....	1.2	1.1	-1.5	-0.6	2.7	2.6	-3.3	2.2	5.0	1.5	5.9	8.6
21	Educational services, health care, and social assistance.....	3.2	2.1	3.3	2.2	3.2	5.0	-1.6	5.1	1.1	-0.6	3.4	3.9
22	Educational services.....	0.5	0.3	2.2	-0.8	1.2	0.7	-1.2	1.4	2.0	-1.7	0.9	-1.6
23	Health care and social assistance.....	3.6	2.4	3.5	2.7	3.5	5.7	-1.6	5.7	1.0	-0.5	3.7	4.7
24	Arts, entertainment, recreation, accommodation, and food services.....	1.7	1.5	-2.3	2.7	2.5	2.4	-1.0	0.4	4.0	4.2	-0.6	5.2
25	Arts, entertainment, and recreation.....	-1.5	2.7	-9.8	-1.8	0.8	4.0	2.3	1.3	4.1	10.3	-5.8	13.0
26	Accommodation and food services.....	2.8	1.1	0.5	4.4	3.1	1.9	-2.0	0.1	3.9	2.1	1.2	2.7
27	Other services, except government.....	0.8	0.8	-1.9	1.4	-0.7	1.0	0.8	-0.2	3.4	-0.1	-0.1	4.3
28	Government	0.2	1.0	-0.6	1.0	1.1	0.4	0.9	1.2	2.1	0.2	0.4	0.2
29	Federal.....	0.0	0.6	1.1	0.1	0.6	0.0	0.6	1.2	1.3	0.1	-0.8	-0.9
30	State and local.....	0.4	1.2	-1.4	1.4	1.3	0.6	1.1	1.2	2.4	0.3	0.9	0.6
	Addenda:												
31	Private goods-producing industries ¹	2.8	0.3	5.1	-2.1	2.6	-3.2	5.6	-2.9	0.0	-0.6	2.8	3.2
32	Private services-producing industries ²	3.2	1.9	3.3	3.7	1.1	1.8	-0.3	3.4	3.6	2.6	0.6	3.1

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.

Source: U.S. Bureau of Economic Analysis

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

Line		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	Percent change at annual rate: Gross domestic product	2.9	1.5	3.2	2.7	1.6	0.5	0.6	2.2	2.8	1.8	1.2	3.1
2	Percentage points at annual rates: Private industries	2.66	1.33	3.20	2.08	1.23	0.59	0.80	1.77	2.45	1.68	0.94	2.74
3	Agriculture, forestry, fishing, and hunting.....	0.08	0.10	0.04	0.05	0.20	-0.01	0.21	0.12	0.00	-0.03	-0.28	-0.10
4	Mining.....	0.14	-0.23	0.17	-0.34	-0.05	-0.40	-0.12	-0.44	-0.08	0.12	0.18	0.42
5	Utilities.....	-0.02	0.07	-0.40	0.29	0.13	-0.14	0.11	0.04	0.21	0.02	-0.10	0.13
6	Construction.....	0.21	0.14	0.13	0.53	0.26	0.05	0.38	-0.21	0.05	-0.02	0.16	-0.09
7	Manufacturing.....	0.11	0.06	0.71	-0.61	0.09	-0.26	0.53	-0.02	0.02	-0.19	0.45	0.36
8	Durable goods.....	0.01	-0.01	-0.09	-0.17	-0.10	0.05	-0.21	0.12	0.23	0.05	0.20	0.18
9	Nondurable goods.....	0.10	0.07	0.81	-0.44	0.19	-0.31	0.74	-0.14	-0.21	-0.24	0.26	0.18
10	Wholesale trade.....	0.17	0.01	0.02	0.13	-0.08	0.11	-0.29	0.15	0.28	-0.01	0.19	0.16
11	Retail trade.....	0.21	0.24	0.21	0.51	0.19	0.39	0.15	0.19	0.17	0.29	-0.02	0.33
12	Transportation and warehousing.....	0.01	0.02	-0.19	0.12	0.17	-0.12	-0.16	0.19	0.12	0.06	0.12	0.08
13	Information.....	0.46	0.26	0.84	0.48	0.43	0.48	0.27	-0.15	0.25	0.19	0.08	0.33
14	Finance, insurance, real estate, rental, and leasing.....	0.58	0.15	1.26	0.61	-0.78	-0.33	-0.11	0.92	0.69	0.88	-0.32	-0.19
15	Finance and insurance.....	0.34	-0.16	0.99	0.63	-1.16	-0.47	-0.64	0.54	0.62	0.55	-0.55	-0.50
16	Real estate and rental and leasing.....	0.24	0.31	0.27	-0.02	0.38	0.14	0.53	0.38	0.07	0.33	0.23	0.31
17	Professional and business services.....	0.36	0.27	0.29	-0.01	0.33	0.30	-0.01	0.55	0.40	0.25	0.23	0.70
18	Professional, scientific, and technical services.....	0.27	0.20	0.29	0.09	0.17	0.15	0.26	0.27	0.16	0.16	0.00	0.35
19	Management of companies and enterprises.....	0.06	0.03	0.05	-0.08	0.08	0.07	-0.17	0.22	0.09	0.04	0.05	0.09
20	Administrative and waste management services.....	0.04	0.03	-0.05	-0.02	0.08	0.08	-0.10	0.07	0.15	0.04	0.18	0.26
21	Educational services, health care, and social assistance.....	0.26	0.17	0.26	0.18	0.25	0.40	-0.14	0.42	0.09	-0.05	0.28	0.32
22	Educational services.....	0.01	0.00	0.02	-0.01	0.01	0.01	-0.01	0.02	0.02	-0.02	0.01	-0.02
23	Health care and social assistance.....	0.25	0.17	0.24	0.19	0.24	0.39	-0.12	0.40	0.07	-0.03	0.27	0.34
24	Arts, entertainment, recreation, accommodation, and food services.....	0.06	0.06	-0.09	0.10	0.10	0.09	-0.04	0.02	0.16	0.17	-0.02	0.21
25	Arts, entertainment, and recreation.....	-0.01	0.03	-0.10	-0.02	0.01	0.04	0.02	0.01	0.04	0.10	-0.06	0.13
26	Accommodation and food services.....	0.08	0.03	0.01	0.12	0.09	0.05	-0.06	0.00	0.12	0.06	0.04	0.08
27	Other services, except government.....	0.02	0.02	-0.04	0.03	-0.01	0.02	0.02	0.00	0.07	0.00	0.00	0.09
28	Government	0.03	0.13	-0.09	0.13	0.14	0.06	0.12	0.16	0.27	0.03	0.05	0.02
29	Federal.....	0.00	0.03	0.04	0.00	0.03	0.00	0.02	0.05	0.05	0.01	-0.03	-0.03
30	State and local.....	0.03	0.11	-0.13	0.12	0.12	0.06	0.09	0.11	0.21	0.02	0.08	0.06
	Addenda:												
31	Private goods-producing industries ¹	0.54	0.06	1.05	-0.36	0.50	-0.61	1.00	-0.55	0.00	-0.11	0.52	0.59
32	Private services-producing industries ²	2.12	1.27	2.15	2.44	0.72	1.20	-0.20	2.32	2.45	1.79	0.42	2.15

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		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	1.1	1.3	-0.1	2.2	1.4	0.8	0.3	2.4	1.4	2.0	2.0	1.0
2	Private industries	1.0	1.3	-0.4	2.8	1.6	0.3	-0.1	2.9	1.6	2.3	2.0	1.2
3	Agriculture, forestry, fishing, and hunting.....	-16.0	-13.0	-38.6	-0.5	-0.2	-19.0	-21.9	-8.4	-13.7	-4.6	58.2	1.0
4	Mining.....	-35.5	-8.3	-65.3	24.3	-35.0	-29.4	-44.3	90.7	23.6	27.8	21.5	-11.6
5	Utilities.....	2.2	-3.1	34.2	-20.8	0.3	-1.9	-3.3	-1.8	-1.9	1.7	1.1	2.0
6	Construction.....	4.1	3.7	3.6	-0.2	4.2	3.8	1.9	6.2	3.5	5.8	0.9	3.9
7	Manufacturing.....	2.6	-0.6	-1.4	7.6	4.2	-1.7	-7.9	3.2	0.4	3.0	-1.8	-0.9
8	Durable goods.....	3.8	0.7	6.9	3.4	3.2	1.5	-0.8	0.4	-1.3	1.2	0.0	0.0
9	Nondurable goods.....	1.2	-2.0	-10.2	12.7	5.4	-5.3	-15.4	6.7	2.3	5.2	-3.9	-1.9
10	Wholesale trade.....	1.2	0.2	3.1	1.2	0.6	-0.8	2.4	-1.5	-1.6	2.3	1.5	4.0
11	Retail trade.....	1.7	-0.5	-0.8	-2.8	4.5	-3.6	0.5	-0.2	-0.6	-2.6	4.7	-0.5
12	Transportation and warehousing.....	6.0	2.3	13.9	-1.7	0.3	6.9	7.8	-4.1	-1.1	2.0	0.9	5.8
13	Information.....	-1.3	-0.6	-2.6	-0.3	0.8	-1.8	-0.2	-0.4	-1.6	0.1	-1.2	-0.6
14	Finance, insurance, real estate, rental, and leasing.....	3.0	3.8	3.1	4.1	3.2	3.0	3.8	4.6	4.4	3.9	0.3	2.5
15	Finance and insurance.....	3.5	5.7	3.0	5.3	4.0	3.4	5.8	9.0	7.1	4.0	-2.8	1.6
16	Real estate and rental and leasing.....	2.7	2.7	3.1	3.5	2.8	2.7	2.6	2.2	2.8	3.8	2.2	2.9
17	Professional and business services.....	2.5	1.0	4.7	2.8	0.6	1.6	1.3	0.4	0.2	-0.2	2.8	0.9
18	Professional, scientific, and technical services.....	2.3	0.5	4.6	2.4	1.7	0.5	-0.1	-0.1	0.9	0.3	3.2	0.5
19	Management of companies and enterprises.....	2.0	-0.5	6.0	2.7	-4.7	1.6	1.8	-0.8	-2.9	-4.5	3.1	0.1
20	Administrative and waste management services.....	3.3	2.9	4.0	3.9	1.8	4.1	4.3	2.4	0.4	1.6	1.9	2.2
21	Educational services, health care, and social assistance.....	1.8	2.6	1.2	2.2	2.9	2.7	2.9	2.2	2.4	2.0	2.2	0.9
22	Educational services.....	3.4	3.4	2.9	4.7	3.2	4.3	3.9	2.6	1.7	2.9	3.8	1.5
23	Health care and social assistance.....	1.6	2.4	1.0	1.9	2.8	2.4	2.8	2.2	2.5	1.8	2.0	0.8
24	Arts, entertainment, recreation, accommodation, and food services.....	4.8	4.3	8.4	3.7	3.1	5.0	6.6	3.8	3.2	-0.7	3.3	1.4
25	Arts, entertainment, and recreation.....	4.4	3.7	11.2	5.8	1.1	2.5	7.6	2.3	7.0	-6.3	7.4	-2.6
26	Accommodation and food services.....	4.9	4.4	7.5	3.0	3.8	5.9	6.3	4.4	1.9	1.3	1.9	2.9
27	Other services, except government.....	3.7	3.0	4.4	3.8	3.5	3.5	3.4	2.4	1.8	2.3	3.7	1.2
28	Government	2.7	1.3	3.4	2.2	1.7	3.0	0.2	1.5	0.5	0.8	4.2	2.2
29	Federal.....	2.1	0.8	3.4	1.5	1.2	0.7	2.3	-1.1	-0.1	0.6	6.8	2.4
30	State and local.....	2.9	1.6	3.4	2.6	1.9	4.0	-0.8	2.7	0.7	1.0	3.0	2.1
	Addenda:												
31	Private goods-producing industries ¹	-3.6	-1.0	-14.0	7.2	-0.6	-4.2	-9.9	8.1	2.0	5.1	3.1	-0.7
32	Private services-producing industries ²	2.4	1.9	3.8	1.5	2.2	1.6	2.7	1.6	1.5	1.5	1.7	1.7

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		2015	2016	Seasonally adjusted at annual rates										
				2015				2016				2017		
				I	II	III	IV	I	II	III	IV	I	II	
	Percent change at annual rate:													
1	Gross domestic product	1.1	1.3	-0.1	2.2	1.4	0.8	0.3	2.4	1.4	2.0	2.0	1.0	
	Percentage points at annual rates:													
2	Private industries	0.90	1.12	-0.39	2.42	1.40	0.28	-0.10	2.55	1.37	1.97	1.72	1.02	
3	Agriculture, forestry, fishing, and hunting.....	-0.19	-0.14	-0.52	0.00	0.00	-0.22	-0.24	-0.09	-0.14	-0.04	0.43	0.01	
4	Mining.....	-1.00	-0.14	-2.41	0.43	-0.80	-0.56	-0.81	0.87	0.30	0.36	0.31	-0.20	
5	Utilities.....	0.03	-0.05	0.47	-0.36	0.00	-0.03	-0.05	-0.03	-0.03	0.03	0.02	0.03	
6	Construction.....	0.16	0.15	0.14	-0.01	0.17	0.16	0.08	0.26	0.15	0.24	0.04	0.17	
7	Manufacturing.....	0.31	-0.07	-0.17	0.90	0.51	-0.21	-0.95	0.40	0.06	0.36	-0.21	-0.10	
8	Durable goods.....	0.24	0.04	0.44	0.23	0.21	0.10	-0.05	0.03	-0.08	0.08	0.00	0.00	
9	Nondurable goods.....	0.07	-0.11	-0.61	0.68	0.30	-0.30	-0.90	0.37	0.14	0.28	-0.21	-0.10	
10	Wholesale trade.....	0.07	0.01	0.19	0.07	0.04	-0.05	0.14	-0.09	-0.10	0.14	0.09	0.23	
11	Retail trade.....	0.10	-0.03	-0.05	-0.16	0.27	-0.21	0.03	-0.01	-0.04	-0.16	0.27	-0.03	
12	Transportation and warehousing.....	0.17	0.07	0.39	-0.05	0.01	0.20	0.23	-0.13	-0.03	0.06	0.03	0.17	
13	Information.....	-0.06	-0.03	-0.12	-0.01	0.04	-0.09	-0.01	-0.02	-0.07	0.00	-0.06	-0.03	
14	Finance, insurance, real estate, rental, and leasing.....	0.60	0.78	0.62	0.84	0.65	0.59	0.75	0.93	0.89	0.81	0.07	0.51	
15	Finance and insurance.....	0.26	0.42	0.22	0.39	0.29	0.24	0.40	0.63	0.52	0.30	-0.22	0.12	
16	Real estate and rental and leasing.....	0.35	0.36	0.40	0.45	0.36	0.35	0.35	0.30	0.37	0.51	0.29	0.39	
17	Professional and business services.....	0.29	0.12	0.55	0.34	0.08	0.19	0.15	0.06	0.02	-0.02	0.34	0.11	
18	Professional, scientific, and technical services.....	0.16	0.04	0.32	0.17	0.12	0.04	-0.01	0.00	0.06	0.02	0.22	0.04	
19	Management of companies and enterprises.....	0.04	-0.01	0.12	0.05	-0.09	0.03	0.03	-0.02	-0.06	-0.09	0.06	0.00	
20	Administrative and waste management services.....	0.10	0.09	0.12	0.12	0.05	0.12	0.13	0.07	0.01	0.05	0.06	0.07	
21	Educational services, health care, and social assistance.....	0.15	0.21	0.10	0.18	0.23	0.22	0.24	0.19	0.20	0.16	0.19	0.08	
22	Educational services.....	0.04	0.04	0.03	0.05	0.04	0.05	0.04	0.03	0.02	0.03	0.04	0.02	
23	Health care and social assistance.....	0.11	0.17	0.07	0.13	0.20	0.17	0.20	0.16	0.18	0.13	0.14	0.06	
24	Arts, entertainment, recreation, accommodation, and food services.....	0.18	0.17	0.31	0.14	0.12	0.19	0.26	0.15	0.13	-0.03	0.13	0.06	
25	Arts, entertainment, and recreation.....	0.04	0.04	0.11	0.06	0.01	0.02	0.07	0.02	0.07	-0.07	0.07	-0.03	
26	Accommodation and food services.....	0.14	0.13	0.21	0.09	0.11	0.17	0.18	0.13	0.06	0.04	0.06	0.09	
27	Other services, except government.....	0.08	0.07	0.09	0.08	0.08	0.08	0.07	0.05	0.04	0.05	0.08	0.03	
28	Government	0.34	0.17	0.43	0.29	0.22	0.39	0.02	0.19	0.06	0.11	0.53	0.28	
29	Federal.....	0.09	0.03	0.14	0.06	0.05	0.03	0.09	-0.04	0.00	0.02	0.26	0.09	
30	State and local.....	0.26	0.14	0.30	0.23	0.17	0.36	-0.07	0.24	0.06	0.09	0.27	0.18	
	Addenda:													
31	Private goods-producing industries ¹	-0.72	-0.19	-2.96	1.33	-0.12	-0.83	-1.92	1.45	0.36	0.92	0.57	-0.13	
32	Private services-producing industries ²	1.63	1.32	2.57	1.09	1.52	1.10	1.82	1.11	1.01	1.05	1.15	1.15	

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											
		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	Gross domestic product	18,120.7	18,624.5	17,874.7	18,093.2	18,227.7	18,287.2	18,325.2	18,538.0	18,729.1	18,905.5	19,057.7	19,250.0
2	Private industries	15,776.3	16,224.6	15,557.4	15,757.2	15,875.5	15,915.0	15,946.5	16,143.3	16,319.4	16,489.4	16,614.5	16,792.6
3	Agriculture, forestry, fishing, and hunting.....	184.8	177.6	181.0	183.3	192.6	182.3	180.5	182.1	175.6	172.2	179.0	174.5
4	Mining.....	327.6	260.6	355.9	358.9	319.6	276.2	234.6	254.7	265.2	288.0	311.1	321.2
5	Utilities.....	282.9	287.1	284.2	281.0	287.1	279.3	281.9	282.6	290.9	293.0	289.0	296.6
6	Construction.....	739.9	792.5	710.1	733.6	753.2	762.6	783.7	785.7	795.0	805.6	815.2	818.6
7	Manufacturing.....	2,185.0	2,183.0	2,166.5	2,179.9	2,207.3	2,186.2	2,166.4	2,183.6	2,187.0	2,194.8	2,206.3	2,218.6
8	Durable goods.....	1,172.1	1,177.9	1,166.2	1,168.6	1,173.4	1,180.1	1,168.2	1,174.6	1,181.5	1,187.2	1,196.4	1,204.8
9	Nondurable goods.....	1,012.9	1,005.1	1,000.3	1,011.2	1,033.9	1,006.1	998.2	1,008.9	1,005.6	1,007.7	1,009.9	1,013.7
10	Wholesale trade.....	1,097.9	1,102.6	1,091.3	1,100.3	1,098.5	1,101.3	1,094.6	1,097.6	1,106.2	1,112.2	1,125.4	1,143.9
11	Retail trade.....	1,057.8	1,096.9	1,033.9	1,049.7	1,070.0	1,077.7	1,086.2	1,094.3	1,100.4	1,106.6	1,118.3	1,132.3
12	Transportation and warehousing.....	546.2	562.5	538.6	541.9	550.3	554.1	557.0	559.8	563.8	569.5	576.3	588.2
13	Information.....	862.0	904.0	831.1	852.1	873.3	891.5	903.6	895.7	903.9	912.7	913.5	927.8
14	Finance, insurance, real estate, rental, and leasing.....	3,714.3	3,883.8	3,665.7	3,730.6	3,724.6	3,736.2	3,764.8	3,848.7	3,921.3	4,000.3	3,988.1	4,002.8
15	Finance and insurance.....	1,356.8	1,404.9	1,344.9	1,390.7	1,351.3	1,340.5	1,329.1	1,382.3	1,434.3	1,474.1	1,437.3	1,418.6
16	Real estate and rental and leasing.....	2,357.4	2,478.8	2,320.8	2,339.9	2,373.4	2,395.7	2,435.7	2,466.4	2,487.0	2,526.2	2,550.8	2,584.2
17	Professional and business services.....	2,181.9	2,251.7	2,156.0	2,170.8	2,189.1	2,211.9	2,218.5	2,246.3	2,265.7	2,276.2	2,303.2	2,341.6
18	Professional, scientific, and technical services.....	1,282.6	1,326.3	1,265.2	1,276.9	1,289.7	1,298.5	1,310.0	1,322.0	1,332.3	1,340.7	1,351.4	1,369.9
19	Management of companies and enterprises.....	353.8	358.1	353.8	352.5	352.0	356.9	350.9	360.2	361.7	359.5	364.8	369.2
20	Administrative and waste management services.....	545.6	567.4	537.0	541.4	547.4	556.5	557.7	564.1	571.7	576.0	587.0	602.5
21	Educational services, health care, and social assistance.....	1,485.6	1,555.6	1,455.4	1,471.6	1,493.6	1,521.9	1,526.8	1,554.4	1,568.1	1,573.3	1,595.1	1,614.1
22	Educational services.....	199.0	206.3	196.0	197.8	199.9	202.4	203.7	205.8	207.7	208.3	210.7	210.6
23	Health care and social assistance.....	1,286.6	1,349.3	1,259.5	1,273.8	1,293.6	1,319.5	1,323.1	1,348.7	1,360.4	1,365.0	1,384.4	1,403.5
24	Arts, entertainment, recreation, accommodation, and food services.....	709.7	751.1	693.2	704.3	714.2	727.3	737.2	744.9	758.0	764.5	769.6	782.2
25	Arts, entertainment, and recreation.....	180.2	191.9	177.7	179.4	180.3	183.2	187.7	189.3	194.5	196.1	196.7	201.5
26	Accommodation and food services.....	529.6	559.2	515.5	524.9	533.9	544.1	549.5	555.6	563.5	568.4	572.8	580.7
27	Other services, except government.....	400.6	415.7	394.3	399.3	402.1	406.5	410.7	413.0	418.4	420.6	424.4	430.2
28	Government	2,344.4	2,399.8	2,317.3	2,336.0	2,352.2	2,372.3	2,378.7	2,394.8	2,409.7	2,416.1	2,443.3	2,457.5
29	Federal.....	732.8	743.1	728.6	731.6	734.8	736.2	741.4	741.7	743.9	745.3	756.0	758.8
30	State and local.....	1,611.6	1,656.7	1,588.7	1,604.4	1,617.4	1,636.0	1,637.3	1,653.0	1,665.7	1,670.9	1,687.2	1,698.6
	Addenda:												
31	Private goods-producing industries ¹	3,437.3	3,413.6	3,413.5	3,455.7	3,472.7	3,407.3	3,365.1	3,406.0	3,422.8	3,460.6	3,511.5	3,532.8
32	Private services-producing industries ²	12,339.0	12,811.0	12,143.9	12,301.5	12,402.8	12,507.7	12,581.3	12,737.3	12,896.6	13,028.8	13,102.9	13,259.7

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.

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		2015	2016	2015				2016				2017	
				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	87.1	87.1	87.0	87.1	87.1	87.0	87.0	87.1	87.1	87.2	87.2	87.2
3	Agriculture, forestry, fishing, and hunting.....	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9
4	Mining.....	1.8	1.4	2.0	2.0	1.8	1.5	1.3	1.4	1.4	1.5	1.6	1.7
5	Utilities.....	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.5	1.5	1.5
6	Construction.....	4.1	4.3	4.0	4.1	4.1	4.2	4.3	4.2	4.2	4.3	4.3	4.3
7	Manufacturing.....	12.1	11.7	12.1	12.0	12.1	12.0	11.8	11.8	11.7	11.6	11.6	11.5
8	Durable goods.....	6.5	6.3	6.5	6.5	6.4	6.5	6.4	6.3	6.3	6.3	6.3	6.3
9	Nondurable goods.....	5.6	5.4	5.6	5.6	5.7	5.5	5.4	5.4	5.4	5.3	5.3	5.3
10	Wholesale trade.....	6.1	5.9	6.1	6.1	6.0	6.0	6.0	5.9	5.9	5.9	5.9	5.9
11	Retail trade.....	5.8	5.9	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
12	Transportation and warehousing.....	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1
13	Information.....	4.8	4.9	4.6	4.7	4.8	4.9	4.9	4.8	4.8	4.8	4.8	4.8
14	Finance, insurance, real estate, rental, and leasing.....	20.5	20.9	20.5	20.6	20.4	20.4	20.5	20.8	20.9	21.2	20.9	20.8
15	Finance and insurance.....	7.5	7.5	7.5	7.7	7.4	7.3	7.3	7.5	7.7	7.8	7.5	7.4
16	Real estate and rental and leasing.....	13.0	13.3	13.0	12.9	13.0	13.1	13.3	13.3	13.3	13.4	13.4	13.4
17	Professional and business services.....	12.0	12.1	12.1	12.0	12.0	12.1	12.1	12.1	12.1	12.0	12.1	12.2
18	Professional, scientific, and technical services.....	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
19	Management of companies and enterprises.....	2.0	1.9	2.0	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9
20	Administrative and waste management services.....	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.1	3.1
21	Educational services, health care, and social assistance.....	8.2	8.4	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.3	8.4	8.4
22	Educational services.....	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
23	Health care and social assistance.....	7.1	7.2	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7.2	7.3	7.3
24	Arts, entertainment, recreation, accommodation, and food services.....	3.9	4.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1
25	Arts, entertainment, and recreation.....	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
26	Accommodation and food services.....	2.9	3.0	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0
27	Other services, except government.....	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
28	Government	12.9	12.9	13.0	12.9	12.9	13.0	13.0	12.9	12.9	12.8	12.8	12.8
29	Federal.....	4.0	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.0	3.9
30	State and local.....	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.8	8.9	8.8
	Addenda:												
31	Private goods-producing industries ¹	19.0	18.3	19.1	19.1	19.1	18.6	18.4	18.4	18.3	18.3	18.4	18.4
32	Private services-producing industries ²	68.1	68.8	67.9	68.0	68.0	68.4	68.7	68.7	68.9	68.9	68.8	68.9

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		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	All industries	2.3	1.8	0.1	3.0	1.8	0.6	1.4	2.2	2.4	2.5	2.8	2.5
2	Private industries	2.4	1.8	-0.1	3.1	1.9	0.5	1.5	2.3	2.6	2.9	3.3	2.6
3	Agriculture, forestry, fishing, and hunting.....	0.8	6.4	-4.8	-2.0	8.6	2.5	15.3	6.9	-1.2	2.6	-14.5	-5.9
4	Mining.....	-5.0	-15.9	-3.5	-21.1	-11.4	-22.2	-19.3	-19.5	-2.1	2.8	39.0	20.7
5	Utilities.....	0.0	-0.4	1.5	-1.8	-5.4	-6.7	-0.3	9.2	6.2	-9.0	-11.9	25.6
6	Construction.....	7.0	4.3	8.2	19.6	2.9	-2.0	15.3	-1.5	-1.4	1.4	2.5	-8.1
7	Manufacturing.....	0.6	1.3	-1.5	1.5	3.3	-0.8	1.9	-0.3	3.0	3.6	0.7	0.7
8	Durable goods.....	0.2	-0.6	-4.5	2.9	2.2	-3.7	-2.0	-3.7	4.6	5.6	1.8	0.8
9	Nondurable goods.....	1.0	3.4	1.6	-0.1	4.4	2.2	6.2	3.3	1.4	1.6	-0.4	0.7
10	Wholesale trade.....	-0.2	-0.2	-8.8	1.3	1.0	-5.5	-6.9	4.3	7.2	12.6	6.6	-1.3
11	Retail trade.....	3.9	3.6	1.6	9.3	7.5	-0.4	3.6	2.9	3.3	5.9	0.6	2.0
12	Transportation and warehousing.....	2.2	-0.5	-4.2	0.4	2.8	-2.3	-2.7	-0.7	1.7	3.0	0.5	6.4
13	Information.....	4.8	4.2	3.8	5.9	2.3	9.7	4.0	-1.1	7.2	1.3	5.0	4.0
14	Finance, insurance, real estate, rental, and leasing.....	2.2	1.3	1.1	2.5	-2.0	3.2	-0.6	3.8	1.9	-0.8	7.0	5.1
15	Finance and insurance.....	2.9	-0.5	3.7	5.8	-6.6	4.6	-5.8	3.8	1.0	-2.8	12.2	10.2
16	Real estate and rental and leasing.....	1.7	2.5	-0.6	0.3	1.4	2.3	3.3	3.8	2.6	0.7	3.5	1.6
17	Professional and business services.....	3.1	2.8	0.2	1.6	3.2	0.4	2.7	5.8	2.5	2.4	2.5	4.0
18	Professional, scientific, and technical services.....	2.3	3.1	-2.6	2.9	3.8	-1.7	8.3	1.9	0.4	4.7	-1.4	3.1
19	Management of companies and enterprises.....	4.5	0.8	7.7	-3.2	0.5	7.1	-10.1	15.2	1.1	-7.7	6.3	4.0
20	Administrative and waste management services.....	3.9	3.6	1.3	2.1	3.9	0.5	0.3	8.2	8.4	4.7	8.9	5.9
21	Educational services, health care, and social assistance.....	4.6	3.0	2.2	3.8	6.0	2.2	1.5	5.2	0.0	4.8	4.3	1.6
22	Educational services.....	1.8	1.1	1.1	3.1	0.6	3.5	-0.9	4.0	-2.8	1.3	0.9	5.1
23	Health care and social assistance.....	5.0	3.3	2.4	3.9	6.8	2.0	1.8	5.4	0.4	5.4	4.8	1.2
24	Arts, entertainment, recreation, accommodation, and food services.....	4.5	2.7	3.1	6.1	1.7	3.1	1.1	3.0	3.0	5.2	1.6	1.1
25	Arts, entertainment, and recreation.....	3.3	2.4	7.9	0.9	1.4	-0.4	1.1	-0.1	8.5	15.1	-5.1	12.5
26	Accommodation and food services.....	4.9	2.8	1.6	7.9	1.8	4.2	1.1	4.0	1.3	2.1	3.9	-2.5
27	Other services, except government.....	0.9	3.0	-8.5	6.5	-4.1	3.8	5.0	1.2	4.7	5.4	1.2	6.1
28	Government	1.5	1.2	2.3	2.2	1.0	1.8	0.8	1.5	1.2	-0.5	-0.9	1.3
29	Federal.....	-0.2	0.0	2.6	1.0	-1.9	1.5	-1.6	1.7	1.1	-2.3	-5.2	0.3
30	State and local.....	2.3	1.8	2.2	2.8	2.3	1.9	1.9	1.5	1.3	0.3	1.1	1.7
	Addenda:												
31	Private goods-producing industries ¹	1.2	1.2	-0.5	2.3	2.5	-2.1	3.7	-1.1	1.7	3.1	1.8	-0.2
32	Private services-producing industries ²	2.9	2.1	0.0	3.4	1.6	1.6	0.7	3.6	2.9	2.8	3.8	3.8

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		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	All industries	-1.0	0.3	-4.1	1.4	-0.1	-1.6	-1.5	2.8	2.1	2.2	3.4	1.2
2	Private industries	-1.2	0.3	-4.5	1.3	-0.3	-1.9	-1.5	2.9	2.2	2.3	3.3	1.1
3	Agriculture, forestry, fishing, and hunting.....	-10.0	-10.2	-24.0	-4.3	-4.0	-13.8	-15.0	-7.2	-10.4	-5.0	24.7	1.2
4	Mining.....	-29.4	-6.8	-56.4	14.7	-27.3	-25.9	-37.1	60.9	26.2	22.2	21.7	-10.1
5	Utilities.....	-5.6	-3.2	1.8	-17.6	2.2	-9.1	-8.0	-0.4	11.8	4.4	7.1	-2.1
6	Construction.....	1.8	2.0	0.4	0.2	1.7	1.0	0.5	4.6	2.8	3.6	2.6	2.7
7	Manufacturing.....	-5.7	-2.6	-14.3	0.5	-3.7	-6.7	-8.3	4.5	2.2	3.8	5.5	0.5
8	Durable goods.....	-0.1	-0.4	0.1	-1.1	-1.2	-1.8	-1.7	1.7	1.4	1.1	2.5	1.8
9	Nondurable goods.....	-10.9	-4.7	-26.7	2.2	-6.1	-11.5	-14.9	7.4	3.0	6.6	8.7	-0.9
10	Wholesale trade.....	0.9	0.3	1.9	1.2	0.4	-1.0	1.7	-0.6	-0.6	2.1	1.8	3.1
11	Retail trade.....	1.4	0.0	-0.5	-1.2	3.1	-2.8	0.7	0.4	0.5	-1.0	3.8	0.2
12	Transportation and warehousing.....	-1.5	-0.7	-4.7	0.1	-1.5	-1.7	-2.0	-0.2	1.4	2.9	4.2	1.8
13	Information.....	-0.4	0.0	-1.2	0.3	0.3	-1.3	0.5	0.2	-0.2	0.6	0.1	0.5
14	Finance, insurance, real estate, rental, and leasing.....	2.3	3.0	2.3	3.4	2.5	1.5	2.9	4.2	3.9	3.2	0.7	2.0
15	Finance and insurance.....	2.7	4.0	2.3	4.5	2.7	1.0	4.3	6.5	5.7	3.0	-1.7	1.3
16	Real estate and rental and leasing.....	2.1	2.3	2.3	2.6	2.3	1.8	2.0	2.6	2.7	3.4	2.4	2.5
17	Professional and business services.....	1.7	0.9	2.6	2.3	0.4	0.8	1.0	0.9	0.8	0.5	2.5	1.1
18	Professional, scientific, and technical services.....	1.7	0.7	2.8	2.2	1.2	0.3	0.3	0.4	1.1	0.7	2.8	0.9
19	Management of companies and enterprises.....	1.3	0.0	3.3	2.1	-2.5	0.5	0.8	0.3	-0.6	-1.9	2.0	0.6
20	Administrative and waste management services.....	1.9	1.9	1.6	2.9	0.9	2.0	2.6	2.2	1.0	1.5	2.1	1.9
21	Educational services, health care, and social assistance.....	1.2	1.6	0.2	1.7	1.6	1.1	1.6	1.8	1.9	1.9	2.2	1.4
22	Educational services.....	1.9	2.0	0.9	2.6	2.0	2.0	2.1	2.1	1.5	2.2	3.3	1.6
23	Health care and social assistance.....	1.1	1.6	0.1	1.6	1.6	1.0	1.5	1.8	2.0	1.8	2.0	1.4
24	Arts, entertainment, recreation, accommodation, and food services.....	2.6	2.3	3.4	2.5	1.5	1.8	3.4	2.4	2.9	0.0	3.2	1.6
25	Arts, entertainment, and recreation.....	2.9	2.4	6.6	4.4	0.6	1.0	4.6	1.5	5.6	-3.4	6.4	-1.2
26	Accommodation and food services.....	2.5	2.3	2.4	1.9	1.8	2.0	3.0	2.7	2.0	1.2	2.2	2.5
27	Other services, except government.....	2.1	1.8	2.0	2.6	1.8	1.3	1.9	2.0	1.8	2.0	2.6	1.2
28	Government	0.6	0.8	-1.1	1.8	1.0	0.8	-1.0	2.2	1.6	1.5	4.5	1.6
29	Federal.....	0.7	0.5	0.4	0.8	0.4	-0.1	1.1	0.0	0.7	0.8	6.1	2.0
30	State and local.....	0.6	1.0	-1.8	2.3	1.2	1.2	-2.0	3.2	2.1	1.8	3.9	1.4
	Addenda:												
31	Private goods-producing industries ¹	-6.7	-2.4	-16.7	1.0	-4.3	-6.9	-8.7	5.8	2.6	4.1	6.6	0.3
32	Private services-producing industries ²	1.3	1.3	1.2	1.4	1.4	0.1	1.4	1.8	2.0	1.7	2.0	1.4

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											
		2015	2016	Seasonally adjusted at annual rates									
				2015				2016				2017	
				I	II	III	IV	I	II	III	IV	I	II
1	All industries.....	31,431.4	32,084.9	31,134.5	31,471.4	31,598.9	31,520.9	31,516.1	31,907.1	32,267.4	32,649.1	33,154.6	33,456.0
2	Private industries.....	27,898.2	28,479.6	27,641.6	27,943.5	28,054.2	27,953.4	27,950.9	28,308.7	28,643.2	29,015.8	29,489.0	29,764.0
3	Agriculture, forestry, fishing, and hunting.....	447.9	428.1	454.4	447.2	451.9	438.2	436.0	435.1	422.0	419.3	425.9	420.8
4	Mining.....	457.7	358.6	507.2	494.3	442.9	386.4	326.8	349.1	368.4	390.2	445.0	454.2
5	Utilities.....	405.4	391.1	427.7	405.7	402.3	386.1	377.8	385.9	402.8	397.7	392.0	412.9
6	Construction.....	1,355.5	1,442.0	1,303.6	1,363.7	1,379.2	1,375.4	1,426.8	1,437.7	1,442.8	1,460.9	1,479.6	1,458.7
7	Manufacturing.....	5,785.0	5,712.6	5,795.7	5,823.6	5,816.3	5,704.3	5,607.4	5,664.1	5,737.1	5,841.7	5,930.6	5,948.8
8	Durable goods.....	2,952.9	2,923.6	2,950.1	2,963.0	2,969.8	2,928.5	2,901.2	2,886.4	2,929.2	2,977.7	3,009.2	3,028.6
9	Nondurable goods.....	2,832.1	2,788.9	2,845.5	2,860.6	2,846.5	2,775.8	2,706.2	2,777.6	2,807.8	2,864.0	2,921.4	2,920.2
10	Wholesale trade.....	1,576.3	1,577.8	1,572.5	1,582.5	1,588.2	1,562.0	1,541.0	1,555.0	1,579.5	1,635.6	1,669.4	1,676.6
11	Retail trade.....	1,657.7	1,718.0	1,616.0	1,647.5	1,690.4	1,676.9	1,694.7	1,708.4	1,724.1	1,744.8	1,763.8	1,773.3
12	Transportation and warehousing.....	1,079.6	1,067.0	1,079.7	1,081.1	1,084.3	1,073.4	1,060.8	1,058.5	1,066.6	1,082.3	1,094.8	1,116.9
13	Information.....	1,557.4	1,622.3	1,527.1	1,550.6	1,560.4	1,591.7	1,609.4	1,605.9	1,633.2	1,640.9	1,661.2	1,679.7
14	Finance, insurance, real estate, rental, and leasing.....	5,620.6	5,862.9	5,539.9	5,621.3	5,627.7	5,693.6	5,726.8	5,839.7	5,924.7	5,960.5	6,072.7	6,178.5
15	Finance and insurance.....	2,327.4	2,408.3	2,287.9	2,345.8	2,321.8	2,353.9	2,343.6	2,403.2	2,442.9	2,443.7	2,504.2	2,573.8
16	Real estate and rental and leasing.....	3,293.3	3,454.6	3,251.9	3,275.5	3,305.9	3,339.7	3,383.3	3,436.5	3,481.8	3,516.8	3,568.5	3,604.7
17	Professional and business services.....	3,492.4	3,621.7	3,449.0	3,482.5	3,514.0	3,524.1	3,556.7	3,614.7	3,644.6	3,670.8	3,716.3	3,763.4
18	Professional, scientific, and technical services.....	1,971.8	2,045.9	1,943.1	1,967.5	1,991.8	1,984.7	2,026.2	2,038.2	2,045.8	2,073.4	2,080.1	2,100.6
19	Management of companies and enterprises.....	629.3	634.1	629.3	627.5	624.3	636.0	620.5	643.4	644.2	628.3	641.1	648.4
20	Administrative and waste management services.....	891.4	941.6	876.6	887.6	897.9	903.4	909.9	933.1	954.5	969.1	995.1	1,014.3
21	Educational services, health care, and social assistance.....	2,525.0	2,643.2	2,471.0	2,504.6	2,551.7	2,572.7	2,592.3	2,637.2	2,649.8	2,693.6	2,736.6	2,757.6
22	Educational services.....	329.1	339.6	323.4	328.0	330.2	334.7	335.7	340.7	339.6	342.5	346.1	351.8
23	Health care and social assistance.....	2,195.9	2,303.6	2,147.6	2,176.6	2,221.6	2,238.0	2,256.6	2,296.5	2,310.2	2,351.1	2,390.5	2,405.8
24	Arts, entertainment, recreation, accommodation, and food services.....	1,279.3	1,344.1	1,250.4	1,277.0	1,287.1	1,302.5	1,316.9	1,334.5	1,353.8	1,371.1	1,387.5	1,396.6
25	Arts, entertainment, and recreation.....	314.2	329.4	310.3	314.3	315.9	316.4	320.9	321.9	333.0	341.9	342.8	352.0
26	Accommodation and food services.....	965.0	1,014.6	940.1	962.7	971.2	986.1	996.0	1,012.6	1,020.8	1,029.2	1,044.7	1,044.6
27	Other services, except government.....	658.4	690.2	647.4	661.9	657.9	666.2	677.6	683.0	693.8	706.5	713.3	726.1
28	Government.....	3,533.2	3,605.3	3,492.9	3,527.9	3,544.7	3,567.5	3,565.3	3,598.4	3,624.2	3,633.3	3,665.6	3,692.0
29	Federal.....	1,101.2	1,106.8	1,098.3	1,103.5	1,099.5	1,103.3	1,102.0	1,106.6	1,111.3	1,107.3	1,108.7	1,114.9
30	State and local.....	2,432.1	2,498.5	2,394.6	2,424.4	2,445.2	2,464.1	2,463.3	2,491.8	2,512.9	2,525.9	2,556.9	2,577.1
	Addenda:												
31	Private goods-producing industries ¹	8,046.1	7,941.3	8,060.9	8,128.8	8,090.3	7,904.3	7,797.0	7,885.9	7,970.2	8,112.1	8,281.2	8,282.4
32	Private services-producing industries ²	19,852.1	20,538.3	19,580.7	19,814.7	19,964.0	20,049.2	20,153.9	20,422.8	20,673.0	20,903.7	21,207.7	21,481.6

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