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PRODUCTIVITY AND COSTS

Fourth Quarter and Annual Averages 2017, Revised

Nonfarm business sector labor productivity growth was revised to 0.0 percent in the fourth quarter of 2017, the U.S. Bureau of Labor Statistics reported today, as output increased 3.2 percent and hours worked increased 3.3 percent. (All quarterly percent changes in this release are seasonally adjusted annual rates.) From the fourth quarter of 2016 to the fourth quarter of 2017, productivity increased 1.1 percent, reflecting a 3.2-percent increase in output and a 2.1-percent increase in hours worked. (See chart 1 and tables A1 and 2.) Annual average productivity increased 1.2 percent from 2016 to 2017. (See table C1.)

Labor productivity, or output per hour, is calculated by dividing an index of real output by an index of hours worked by all persons, including employees, proprietors, and unpaid family workers.

Chart 1. Labor productivity, nonfarm business, 2013Q1 – 2017Q4

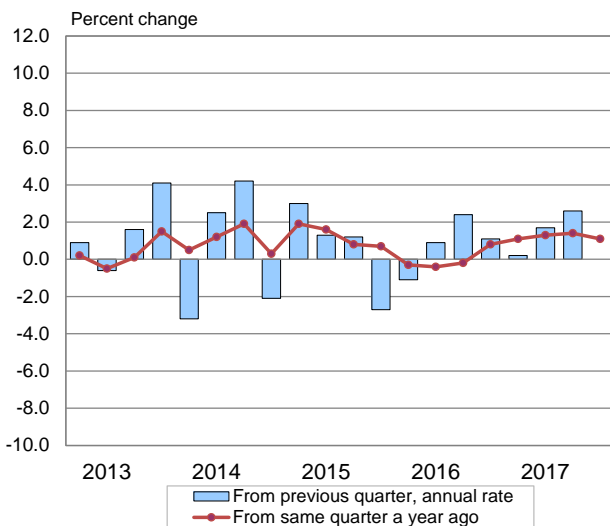
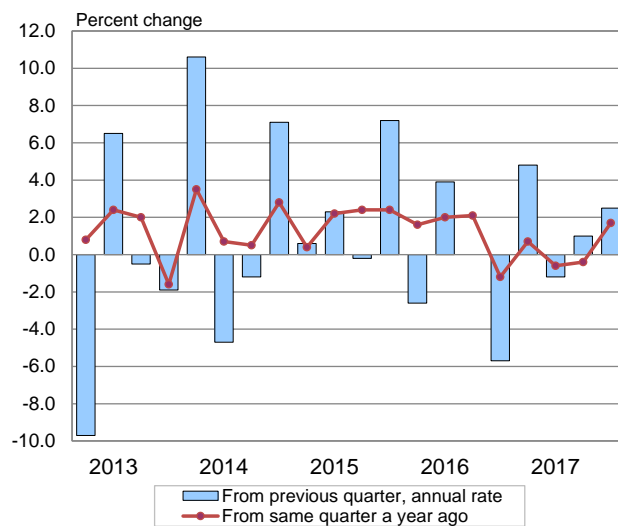


Chart 2. Unit labor costs, nonfarm business, 2013Q1 – 2017Q4



Unit labor costs in the nonfarm business sector increased 2.5 percent in the fourth quarter of 2017, and increased 1.7 percent over the last four quarters. (See chart 2 and tables A1 and 2.)

Historical Revisions to Productivity and Costs Data

Data in this release reflect the annual benchmark revision of BLS Current Employment Statistics program data on nonfarm employment and hours, and the revised seasonal adjustment of those data. See revised measures on page 2.

BLS calculates unit labor costs as the ratio of hourly compensation to labor productivity. Increases in hourly compensation tend to increase unit labor costs, and increases in output per hour tend to reduce them.

Manufacturing sector labor productivity increased 6.0 percent in the fourth quarter of 2017, as output increased 6.6 percent and hours worked rose 0.5 percent. These were the largest quarterly increases in manufacturing sector productivity and output since the second quarter of 2010, when output per hour increased 7.0 percent and output jumped 10.7 percent. Productivity increased 8.1 percent in the durable goods manufacturing sector and 3.4 percent in the nondurable goods sector in the fourth quarter of 2017. Over the last four quarters, total manufacturing sector productivity increased 1.1 percent, as output increased 2.5 percent and hours worked increased 1.4 percent. **Unit labor costs** in manufacturing decreased 3.3 percent in the fourth quarter of 2017 and increased 1.3 percent from the same quarter a year ago. (See tables A1 and 3.)

The concepts, sources, and methods used for the manufacturing output series differ from those used in the business and nonfarm business output series; these output measures are not directly comparable. See the Technical Notes for a more detailed explanation. (See page 6.)

Revised measures

Quarterly and annual measures of hours and related series—including productivity—were revised historically for all major sectors. The revisions incorporate revised Current Employment Statistics (CES) program data published February 2, 2018. From 2013 to 2017, the data were subject to revision as a result of annual benchmarking of CES data and revised seasonal adjustment of those data. From 1990 onward, there were small revisions due to the CES update of the nonfarm payroll series to the 2017 North American Industrial Classification System (NAICS) from the 2012 NAICS basis. Index measures related to hours show full historical revisions because the 2009 base year values were revised. In addition to revisions to hours data, third quarter, fourth quarter, and annual average data for 2017 were revised to incorporate regular updates of source data on output and compensation.

Revised and previous measures for the fourth quarter of 2017 are shown in table B1 for the business, nonfarm business, and manufacturing sectors. In the **fourth quarter of 2017**, nonfarm business productivity was revised up slightly from a decline of 0.1 percent to unchanged (0.0 percent); output and hours worked indexes had small revisions although growth remained at previously reported levels. Unit labor costs were revised up from a rate of 2.0 percent to a rate of 2.5 percent.

Manufacturing productivity increased 6.0 percent rather than 5.7 percent in the fourth quarter of 2017, as a downward revision to output was smaller than a downward revision to hours. Because an upward revision to hourly compensation was larger than an upward revision to productivity, manufacturing unit labor costs were revised up to a decline of 3.3 percent—a smaller decline than the 3.7-percent decrease reported in the preliminary release. (See table B1.)

In the **third quarter of 2017**, nonfarm business productivity growth was revised down slightly to an increase of 2.6 percent. Unit labor costs were revised up from a decline of 0.1 percent to an increase of 1.0 percent, reflecting both a 0.1-percentage point downward revision to productivity and a 0.9-percentage point upward revision to hourly compensation. In the manufacturing sector, productivity declined by 4.7 percent, a slightly smaller decrease than previously reported. Unit labor costs were revised up due to a 0.5-percentage point upward revision to hourly compensation, and increased 5.8 percent rather than 5.4 percent as previously reported. (See table B2.) **Nonfinancial corporate sector** productivity increased 0.2 percent in the third quarter of 2017, rather than declining 0.4 percent as

previously reported; an upward revision to output was larger than an upward revision to hours. (See table A2.)

Annual averages

Table C1 presents **annual average changes** for the most recent 5 years for the nonfarm business sector and the total manufacturing sector. **Nonfarm business sector** productivity grew 1.2 percent in 2017, as output and hours increased 2.9 percent and 1.6 percent, respectively. In 2016, productivity was unchanged (0.0 percent). The average annual rate of nonfarm business sector productivity growth from 2007 to 2017—corresponding to the current business cycle—is 1.2 percent, which is below the long-term rate from 1947 to 2017 of 2.1 percent.

Unit labor costs in the nonfarm business sector increased 0.4 percent in 2017, reflecting increases of 1.6 percent in hourly compensation and 1.2 percent in productivity. Real hourly compensation, which takes into account changes in consumer prices, decreased 0.5 percent in 2017. Labor share, which is the percentage of output that accrues to workers in the form of compensation, was 56.6 percent in 2017, which is the lowest annual average in the series going back to 1947.

In the **manufacturing sector**, productivity increased 0.6 percent in 2017, as output increased 1.6 percent and hours worked increased 1.0 percent. Manufacturing sector productivity has grown less than 1.0 percent in each of the last 7 years. The average annual rate of manufacturing productivity growth from 2007 to 2017 is 0.8 percent, well below the long-term rate from 1987 to 2017 of 2.7 percent. Unit labor costs increased 1.0 percent in 2017.

Quarterly and annual data for all sectors from 2015 to 2017 appear in tables 1-6, and from 2012 to 2014 appear in appendix tables 1-6. Full historical measures can be found at: www.bls.gov/lpc/#data.

The preliminary Productivity and Costs news release for first-quarter 2018 is scheduled to be released on Thursday, May 3, 2018 at 8:30 a.m. (EDT).

Table A1. Labor productivity growth and related measures - revised fourth-quarter 2017
(percent change from previous quarter at annual rate and from same quarter a year ago)

Sector	Percent change from:	Labor productivity	Output	Hours worked	Hourly compensation	Real hourly compensation	Unit labor costs
Nonfarm business	Previous quarter	0.0	3.2	3.3	2.4	-1.2	2.5
	A year ago	1.1	3.2	2.1	2.9	0.7	1.7
Business	Previous quarter	-0.8	3.1	4.0	1.7	-2.0	2.5
	A year ago	0.8	3.0	2.2	2.7	0.5	1.8
Manufacturing	Previous quarter	6.0	6.6	0.5	2.5	-1.2	-3.3
	A year ago	1.1	2.5	1.4	2.4	0.3	1.3
Durable manufacturing	Previous quarter	8.1	8.1	0.0	2.4	-1.3	-5.3
	A year ago	1.8	2.7	0.9	2.5	0.4	0.7
Nondurable manufacturing	Previous quarter	3.4	4.9	1.5	2.7	-0.9	-0.6
	A year ago	0.1	2.3	2.2	2.3	0.1	2.2

Table A2. Labor productivity growth and related measures - revised and previously published third-quarter 2017
(percent change from previous quarter at annual rate)

Sector		Labor productivity	Output	Hours worked	Hourly compensation	Real hourly compensation	Unit labor costs
Nonfinancial corporate	Revised	0.2	1.7	1.5	3.6	1.5	3.3
	Previously published	-0.4	1.0	1.3	2.4	0.4	2.8

Table B1. Labor productivity growth and related measures - revised and previously published fourth-quarter 2017
(percent change from previous quarter at annual rate)

Sector		Labor productivity	Output	Hours worked	Hourly compensation	Real hourly compensation	Unit labor costs
Nonfarm business	Revised	0.0	3.2	3.3	2.4	-1.2	2.5
	Previously published	-0.1	3.2	3.3	1.8	-1.8	2.0
Business	Revised	-0.8	3.1	4.0	1.7	-2.0	2.5
	Previously published	-0.9	3.1	4.1	1.1	-2.5	2.0
Manufacturing	Revised	6.0	6.6	0.5	2.5	-1.2	-3.3
	Previously published	5.7	7.3	1.5	1.8	-1.8	-3.7
Durable manufacturing	Revised	8.1	8.1	0.0	2.4	-1.3	-5.3
	Previously published	6.7	8.2	1.4	2.6	-1.0	-3.8
Nondurable manufacturing	Revised	3.4	4.9	1.5	2.7	-0.9	-0.6
	Previously published	4.5	6.4	1.8	0.3	-3.3	-4.0

Table B2. Labor productivity growth and related measures - revised and previously published third-quarter 2017
(percent change from previous quarter at annual rate)

Sector		Labor productivity	Output	Hours worked	Hourly compensation	Real hourly compensation	Unit labor costs
Nonfarm business	Revised	2.6	4.0	1.4	3.6	1.5	1.0
	Previously published	2.7	4.0	1.2	2.7	0.6	-0.1
Business	Revised	3.2	3.9	0.7	4.1	2.1	0.9
	Previously published	3.3	3.9	0.6	3.2	1.2	-0.1
Manufacturing	Revised	-4.7	-1.6	3.2	0.7	-1.2	5.8
	Previously published	-4.9	-1.6	3.5	0.2	-1.8	5.4
Durable manufacturing	Revised	-4.7	-2.2	2.6	-0.1	-2.1	4.8
	Previously published	-5.0	-2.2	3.0	0.1	-1.9	5.3
Nondurable manufacturing	Revised	-5.2	-1.0	4.3	2.5	0.5	8.1
	Previously published	-5.2	-1.0	4.4	0.4	-1.6	5.9

Table C1. Labor productivity growth and related measures - annual average changes: 2013-2017

Sector	Year	Labor productivity	Output	Hours worked	Hourly compensation	Real hourly compensation	Unit labor costs
Nonfarm business	2017	1.2	2.9	1.6	1.6	-0.5	0.4
	2016	0.0	1.5	1.5	1.1	-0.2	1.1
	2015	1.2	3.4	2.2	3.1	3.0	1.8
	2014	1.0	3.3	2.3	2.9	1.2	1.9
	2013	0.3	2.0	1.7	1.2	-0.3	0.9
Manufacturing	2017	0.6	1.6	1.0	1.6	-0.5	1.0
	2016	0.4	0.4	0.0	0.7	-0.5	0.3
	2015	0.3	1.2	1.0	2.5	2.4	2.2
	2014	0.0	1.6	1.6	2.8	1.1	2.8
	2013	0.9	1.8	0.8	0.2	-1.3	-0.8

TECHNICAL NOTES

Labor Hours

Hours data for the labor productivity and cost measures include hours worked for all persons working in the sector—wage and salary workers, the self-employed and unpaid family workers. The primary source of hours and employment data is the BLS Current Employment Statistics (CES) program, which provides monthly survey data on the number of jobs held by wage and salary workers in nonfarm establishments, counting a person who is employed by two or more establishments at each place of employment. The CES also provides average weekly paid hours of production and nonsupervisory workers in these establishments. Weekly paid hours are adjusted to hours worked using data from the National Compensation Survey (NCS) for 1996 forward and data from the BLS Hours at Work survey, conducted for this purpose, prior to 1990. Between 1990 and 1995, weekly paid hours are adjusted to hours at work using a combination of NCS and Hours at Work survey data. The Office of Productivity and Technology estimates average weekly hours at work for nonproduction and supervisory workers using information from the Current Population Survey (CPS), the CES, and the NCS.

Data from the CPS are used to estimate hours worked for farm labor, nonfarm proprietors, and nonfarm unpaid family workers. Using CPS information on employment and hours worked at primary jobs and all other jobs, separately, the BLS productivity measures assign all hours worked to the appropriate industrial sector. Hours for government enterprises are derived from the CPS, the CES, and the National Income and Product Accounts (NIPA) prepared by the Bureau of Economic Analysis (BEA) of the Department of Commerce.

Output

Business sector output is a chain-type, current-weighted index constructed after excluding from gross domestic product (GDP) the following outputs: general government, nonprofit institutions, and private households (including owner-occupied housing). Corresponding exclusions also are made in labor hours. Business output accounted for about 75 percent of the value of GDP in 2016. Nonfarm business, which excludes farming, also accounted for about 75 percent of GDP in 2016.

Annual indexes for manufacturing and its durable and nondurable goods components are constructed by deflating current-dollar industry value of production data from the U.S. Bureau of the Census with deflators from the BLS. These deflators are based on data from the BLS Producer Price Index program and other sources. The industry shipments are aggregated using annual weights, and intrasector transactions are removed. Quarterly manufacturing output measures are based on the indexes of industrial production prepared monthly by the Board of Governors of the Federal Reserve System, adjusted to be consistent with annual indexes of manufacturing sector output prepared by BLS.

Nonfinancial corporate output is a chain-type, current-weighted index calculated on the basis of the costs incurred and the incomes earned from production. The output measure excludes the following outputs from GDP: general government; nonprofit institutions; private households; unincorporated business; and those corporations classified as offices of bank holding companies, offices of other holding companies, or offices in the finance and insurance sector. Nonfinancial corporations accounted for about 50 percent of the value of GDP in 2016.

Labor Productivity

The measure describes the relationship between real output and the labor time involved in its production. Measures of labor productivity growth show the changes from period to period in the amount of goods and services produced per hour worked. They reflect the joint effects of many influences, including changes in technology; capital investment; level of output; utilization of capacity, energy, and materials; the organization of production; managerial skill; and the characteristics and effort of the work force.

Labor Compensation

The measure includes accrued wages and salaries, supplements, employer contributions to employee benefit plans, and taxes. Estimates of labor compensation by major sector, required for measures of hourly compensation and unit labor costs, are based primarily on employee compensation data from the NIPA, prepared by the BEA. The compensation of employees in general government, nonprofit institutions and private households are subtracted from compensation of employees in domestic industries to derive employee compensation for the business sector. The labor compensation of proprietors cannot be explicitly identified and must be estimated. This is done by assuming that proprietors have the same hourly compensation as employees in the same sector. The quarterly labor productivity and cost measures do not contain estimates of compensation for unpaid family workers.

Unit Labor Costs

These measures describe the relationship between compensation per hour and labor productivity, or real output per hour, and can be used as an indicator of inflationary pressure on producers. Increases in hourly compensation increase unit labor costs; labor productivity increases offset compensation increases and lower unit labor costs.

Presentation of the data

The quarterly data in this release are presented in three ways: as percent changes from the previous quarter presented at a compound annual rate, as percent changes from the corresponding quarter of the previous year, and as index number series where 2009=100. Annual data are presented both as index number series and percent changes from the previous year.

The index numbers and rates of change reported in the productivity and costs news release are rounded to one decimal place. All percent changes in this release and on the BLS web site are calculated using index numbers to three decimal places. A complete historical series of these index numbers are available at the BLS web site, www.bls.gov/data/home.htm, or by contacting the BLS Division of Major Sector Productivity (Telephone 202-691-5606 or email productivity@bls.gov).

For a more detailed explanation of methodology see "Technical Information About the Major Sector Productivity and Costs Methods" at www.bls.gov/lpc/lpcmethods.pdf.

Information in this release will be made available to sensory-impaired individuals upon request. Voice phone: 202-691-5200; Federal Relay Service number: 1-800-877-8339.

Table 1. Business sector: Labor productivity, hourly compensation, unit labor costs, and prices, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)
Percent change from previous quarter at annual rate (5)								
2017 ANNUAL	1.2	2.7	1.5	1.7 r	-0.5 r	0.5 r	3.0 r	1.6
2017 IV	-0.8 r	3.1	4.0 r	1.7 r	-2.0 r	2.5 r	2.1 r	2.4
III	3.2 r	3.9	0.7 r	4.1 r	2.1 r	0.9 r	3.2 r	1.9
II	1.6 r	3.7	2.2 r	0.5 r	0.8 r	-1.0	2.8	0.6
I	-0.7 r	1.4	2.1	4.3	1.1	5.1	-3.0	1.5
2016 ANNUAL	0.1 r	1.6	1.5 r	1.1 r	-0.2	1.0	1.0	1.0
2016 IV	1.8 r	2.2	0.3 r	-3.8 r	-6.6 r	-5.5	13.3	2.2
III	2.6 r	3.3	0.7 r	2.7 r	0.9 r	0.1	2.5	1.1
II	0.7 r	2.6	1.9 r	4.5 r	2.1 r	3.7	0.0	2.1
I	-1.0 r	0.4	1.4 r	-3.7 r	-3.8 r	-2.8	5.1 r	0.5
2015 ANNUAL	1.1 r	3.5	2.3	2.9	2.8	1.7	-0.8	0.6
2015 IV	-2.9 r	0.2	3.2 r	4.1 r	3.7 r	7.1 r	-9.2 r	-0.2
III	1.5 r	1.6	0.1 r	1.1 r	-0.5 r	-0.4	3.2 r	1.1
II	1.6	3.3	1.6 r	3.9	1.6 r	2.3	1.6	2.0
I	2.7 r	4.0	1.3 r	3.3 r	6.0 r	0.6 r	-2.4	-0.7
Percent change from corresponding quarter of previous year								
2017 ANNUAL	1.2	2.7	1.5	1.7 r	-0.5 r	0.5 r	3.0 r	1.6
2017 IV	0.8	3.0	2.2 r	2.7 r	0.5 r	1.8 r	1.3 r	1.6
III	1.5	2.8	1.3	1.2 r	-0.7 r	-0.2 r	3.9 r	1.6
II	1.3	2.6	1.3	0.9	-1.0	-0.4	3.7	1.4
I	1.1	2.4	1.3 r	1.9	-0.7	0.8	3.0	1.7
2016 ANNUAL	0.1 r	1.6	1.5 r	1.1 r	-0.2	1.0	1.0	1.0
2016 IV	1.0	2.1	1.1	-0.2 r	-1.9	-1.2	5.1	1.5
III	-0.2 r	1.6	1.8	1.8 r	0.7	2.0	-0.6	0.9
II	-0.4	1.2	1.6	1.4 r	0.3 r	1.9	-0.4	0.9
I	-0.2	1.4	1.6 r	1.3	0.2	1.5	0.0	0.8
2015 ANNUAL	1.1 r	3.5	2.3	2.9	2.8	1.7	-0.8	0.6
2015 IV	0.7	2.3	1.5 r	3.1	2.7 r	2.4	-1.9	0.5
III	0.9	2.8	1.9	3.2	3.0	2.3	-1.6	0.6
II	1.4	4.1	2.7	3.5	3.4 r	2.1	-1.1	0.7
I	1.6	4.8	3.1	1.9	2.0 r	0.3	1.5	0.8
Indexes 2009=100								
2017 ANNUAL	108.1 r	123.5 r	114.2 r	117.6 r	102.9 r	108.7 r	116.8 r	112.1 r
2017 IV	108.5 r	125.1 r	115.3 r	118.6 r	102.8 r	109.3 r	117.9 r	112.9 r
III	108.7 r	124.1	114.2 r	118.1 r	103.3 r	108.6 r	117.3 r	112.3
II	107.9 r	123.0	114.0 r	116.9 r	102.8 r	108.4 r	116.4 r	111.7
I	107.5 r	121.8	113.4 r	116.8 r	102.6 r	108.7 r	115.6 r	111.6
2016 ANNUAL	106.9 r	120.3	112.5 r	115.7 r	103.4 r	108.2 r	113.4 r	110.4
2016 IV	107.6 r	121.4	112.8 r	115.5 r	102.3 r	107.3 r	116.5 r	111.2
III	107.2 r	120.8	112.7 r	116.7 r	104.1 r	108.9 r	112.9 r	110.5
II	106.5	119.8	112.5	115.9 r	103.9 r	108.8	112.2	110.2
I	106.3 r	119.0	112.0 r	114.6 r	103.3 r	107.8 r	112.2 r	109.7
2015 ANNUAL	106.8 r	118.4	110.8 r	114.4 r	103.6 r	107.1 r	112.3 r	109.3
2015 IV	106.5 r	118.9	111.6 r	115.7 r	104.3 r	108.6 r	110.8 r	109.5
III	107.3 r	118.8	110.7 r	114.6 r	103.4 r	106.7 r	113.5 r	109.6
II	106.9 r	118.4	110.7 r	114.3 r	103.5 r	106.9 r	112.6 r	109.3
I	106.5 r	117.4	110.2 r	113.2 r	103.1 r	106.3 r	112.2 r	108.7

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Table 2. Nonfarm business sector: Labor productivity, hourly compensation, unit labor costs, and prices, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)

Percent change from previous quarter at annual rate (5)								
2017 ANNUAL	1.2	2.9	1.6	1.6 r	-0.5 r	0.4 r	3.0 r	1.5
2017 IV	0.0 r	3.2	3.3	2.4 r	-1.2 r	2.5 r	2.3 r	2.4
III	2.6 r	4.0	1.4 r	3.6 r	1.5 r	1.0 r	3.5 r	2.0
II	1.7 r	3.9	2.2 r	0.5 r	0.8 r	-1.2	3.0	0.6
I	0.2 r	1.8	1.6	5.0 r	1.8 r	4.8	-3.9	0.9
2016 ANNUAL	0.0 r	1.5	1.5 r	1.1 r	-0.2	1.1	1.4	1.2
2016 IV	1.1 r	2.2	1.1 r	-4.6 r	-7.5 r	-5.7	13.9	2.3
III	2.4 r	3.3	0.9 r	2.4 r	0.6 r	0.0 r	3.1	1.3
II	0.9 r	2.5	1.6 r	4.9 r	2.5 r	3.9	0.0	2.2
I	-1.1 r	0.2	1.3 r	-3.7 r	-3.8 r	-2.6 r	5.8	0.9
2015 ANNUAL	1.2 r	3.4	2.2 r	3.1	3.0	1.8	-0.3	0.9
2015 IV	-2.7 r	0.3	3.1 r	4.3 r	3.9 r	7.2	-8.8	0.1
III	1.2 r	1.3	0.1 r	1.0 r	-0.5 r	-0.2	3.0	1.2
II	1.3	3.3	2.0	3.6	1.3 r	2.3	1.5	1.9
I	3.0 r	4.0	0.9 r	3.7 r	6.4 r	0.6	-0.9	0.0

Percent change from corresponding quarter of previous year								
2017 ANNUAL	1.2	2.9	1.6	1.6 r	-0.5 r	0.4 r	3.0 r	1.5
2017 IV	1.1	3.2	2.1	2.9 r	0.7 r	1.7 r	1.2 r	1.5
III	1.4	3.0	1.6 r	1.0 r	-0.9 r	-0.4 r	3.9 r	1.5
II	1.3	2.8	1.5 r	0.7 r	-1.1	-0.6	3.8	1.3
I	1.1 r	2.5	1.3	1.8 r	-0.7	0.7	3.1	1.7
2016 ANNUAL	0.0 r	1.5	1.5 r	1.1 r	-0.2	1.1	1.4	1.2
2016 IV	0.8	2.1	1.2	-0.3	-2.1	-1.2	5.6	1.7
III	-0.2 r	1.6	1.7	1.9	0.7 r	2.1	-0.1	1.1
II	-0.4	1.1	1.5	1.5 r	0.5	2.0	-0.2	1.1
I	-0.3	1.3	1.6	1.2 r	0.2	1.6	0.2	1.0
2015 ANNUAL	1.2 r	3.4	2.2 r	3.1	3.0	1.8	-0.3	0.9
2015 IV	0.7	2.2	1.5	3.1	2.7	2.4	-1.4	0.8
III	0.8	2.7	1.9	3.3	3.1	2.4	-1.3	0.8
II	1.6	4.1	2.5	3.8	3.8	2.2	-0.5	1.0
I	1.9	4.7	2.8	2.3	2.4 r	0.4	2.0	1.1

Indexes 2009=100								
2017 ANNUAL	108.3 r	123.7 r	114.2 r	117.8 r	103.1 r	108.8 r	116.8 r	112.1
2017 IV	108.7 r	125.3 r	115.3 r	118.9 r	103.1 r	109.3 r	118.0 r	112.9
III	108.8 r	124.3	114.3 r	118.2 r	103.4 r	108.7 r	117.3 r	112.3
II	108.1 r	123.1	113.9 r	117.2 r	103.0 r	108.4 r	116.3 r	111.7
I	107.6 r	122.0	113.3 r	117.0 r	102.8 r	108.7 r	115.5 r	111.5
2016 ANNUAL	107.0 r	120.2	112.4 r	116.0 r	103.7 r	108.4 r	113.4 r	110.5
2016 IV	107.6 r	121.4	112.9 r	115.6 r	102.4 r	107.5 r	116.6 r	111.3
III	107.3 r	120.8	112.6 r	117.0 r	104.4 r	109.1 r	112.9 r	110.7
II	106.6 r	119.8	112.3	116.3	104.2	109.1	112.0	110.3
I	106.4 r	119.0	111.9 r	114.9 r	103.6 r	108.0 r	112.0 r	109.7
2015 ANNUAL	107.0 r	118.5	110.7 r	114.7 r	103.8 r	107.2 r	111.8 r	109.1
2015 IV	106.7 r	119.0	111.5 r	116.0 r	104.6 r	108.7 r	110.4 r	109.5
III	107.4 r	118.9	110.7 r	114.8 r	103.6 r	106.9	113.0 r	109.4
II	107.1 r	118.5	110.6 r	114.5 r	103.8 r	106.9 r	112.2 r	109.1
I	106.8 r	117.6	110.1 r	113.5 r	103.4 r	106.3 r	111.8 r	108.6

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Table 3. Manufacturing sector: Labor productivity, hourly compensation, and unit labor costs, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs

Percent change from previous quarter at annual rate (5)						
2017 ANNUAL	0.6 r	1.6 r	1.0	1.6	-0.5	1.0 r
2017 IV	6.0 r	6.6 r	0.5 r	2.5 r	-1.2 r	-3.3 r
III	-4.7 r	-1.6	3.2 r	0.7 r	-1.2 r	5.8 r
II	3.6	2.9	-0.6	2.3	4.8 r	-1.2
I	-0.2 r	2.3	2.5 r	4.0 r	0.9 r	4.2
2016 ANNUAL	0.4	0.4	0.0	0.7	-0.5	0.3
2016 IV	2.1 r	1.8	-0.3 r	-4.1 r	-7.0 r	-6.1
III	-0.9 r	0.2	1.1 r	2.2 r	0.4 r	3.1
II	-0.7 r	-0.9	-0.2 r	7.2 r	4.8 r	8.0
I	1.6 r	1.0	-0.6 r	-9.8 r	-9.9 r	-11.2 r
2015 ANNUAL	0.3 r	1.2	1.0	2.5	2.4	2.2
2015 IV	-1.8 r	-0.3	1.5 r	8.5 r	8.1 r	10.5
III	3.2 r	1.9	-1.3 r	1.9 r	0.4 r	-1.3
II	0.8 r	0.8	0.0	3.6 r	1.2 r	2.7
I	0.0 r	-0.8	-0.8 r	0.4 r	3.0 r	0.4

Percent change from corresponding quarter of previous year						
2017 ANNUAL	0.6 r	1.6 r	1.0	1.6	-0.5	1.0 r
2017 IV	1.1	2.5 r	1.4 r	2.4 r	0.3 r	1.3 r
III	0.1 r	1.3	1.2	0.7 r	-1.2 r	0.6 r
II	1.1 r	1.8	0.7 r	1.1 r	-0.8 r	-0.1
I	0.1 r	0.8	0.8 r	2.2 r	-0.3 r	2.2
2016 ANNUAL	0.4	0.4	0.0	0.7	-0.5	0.3
2016 IV	0.5	0.5	0.0	-1.3 r	-3.1	-1.8 r
III	-0.5 r	0.0	0.5 r	1.7 r	0.6 r	2.2
II	0.6	0.4	-0.2	1.7	0.6	1.1
I	1.0	0.8	-0.1	0.8	-0.3	-0.1
2015 ANNUAL	0.3 r	1.2	1.0	2.5	2.4	2.2
2015 IV	0.6	0.4	-0.2	3.5	3.1	3.0
III	0.6 r	1.1	0.5 r	2.7 r	2.5 r	2.0
II	-0.1	1.2	1.3	2.7	2.7	2.8
I	-0.1	2.2	2.2	1.0	1.1	1.1

Indexes 2009=100						
2017 ANNUAL	108.3 r	118.0 r	109.0 r	113.3 r	99.1 r	104.6 r
2017 IV	109.1 r	119.4 r	109.5 r	114.1 r	98.9 r	104.5 r
III	107.5 r	117.5 r	109.3 r	113.4 r	99.2 r	105.4 r
II	108.8 r	118.0	108.4 r	113.1 r	99.5 r	104.0 r
I	107.9 r	117.2	108.6 r	112.5 r	98.8 r	104.3 r
2016 ANNUAL	107.7 r	116.1	107.9 r	111.5 r	99.7 r	103.5
2016 IV	107.9 r	116.5	107.9 r	111.4 r	98.6 r	103.2
III	107.4 r	116.0	108.0 r	112.6 r	100.4 r	104.9 r
II	107.6 r	115.9	107.7 r	112.0 r	100.3 r	104.1
I	107.8 r	116.2	107.8 r	110.0 r	99.2 r	102.1
2015 ANNUAL	107.2 r	115.6	107.8 r	110.7 r	100.2 r	103.2
2015 IV	107.4 r	115.9	107.9 r	112.9 r	101.8 r	105.2 r
III	107.9 r	116.0	107.5 r	110.6 r	99.8 r	102.6 r
II	107.0 r	115.4	107.9 r	110.1 r	99.7 r	102.9 r
I	106.8 r	115.2	107.9 r	109.1 r	99.4 r	102.2

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Table 4. Durable manufacturing sector: Labor productivity, hourly compensation, and unit labor costs, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs

Percent change from previous quarter at annual rate (5)						
2017 ANNUAL	1.2 r	1.9	0.6 r	1.9	-0.2 r	0.7 r
2017 IV	8.1 r	8.1 r	0.0 r	2.4 r	-1.3 r	-5.3 r
III	-4.7 r	-2.2	2.6 r	-0.1 r	-2.1 r	4.8 r
II	5.2 r	2.6	-2.5 r	5.4 r	5.7 r	0.2
I	-1.1 r	2.6	3.7 r	2.5	-0.7 r	3.6
2016 ANNUAL	0.5	0.2	-0.3	1.0	-0.2 r	0.5
2016 IV	2.5 r	2.0	-0.5 r	-3.6 r	-6.5 r	-6.0
III	0.6 r	1.0	0.4 r	2.4 r	0.6 r	1.7
II	1.7 r	0.2	-1.4 r	9.3 r	6.8 r	7.5
I	-0.2 r	0.1	0.2 r	-11.0 r	-11.1 r	-10.9
2015 ANNUAL	0.3 r	0.8	0.5 r	3.1 r	3.0 r	2.8
2015 IV	-2.9 r	-1.9	1.1 r	10.4 r	10.0 r	13.7
III	4.0 r	1.8	-2.2 r	1.5 r	0.0 r	-2.4
II	1.1	0.6	-0.5	2.9 r	0.5	1.7
I	-1.2 r	-2.5	-1.3 r	2.2 r	4.9 r	3.4

Percent change from corresponding quarter of previous year						
2017 ANNUAL	1.2 r	1.9	0.6 r	1.9	-0.2 r	0.7 r
2017 IV	1.8 r	2.7	0.9 r	2.5 r	0.4 r	0.7 r
III	0.4 r	1.2	0.8 r	1.0 r	-1.0	0.6 r
II	1.8 r	2.0	0.2 r	1.6 r	-0.3 r	-0.2
I	0.9 r	1.4	0.5 r	2.5 r	0.0 r	1.6
2016 ANNUAL	0.5	0.2	-0.3	1.0	-0.2 r	0.5
2016 IV	1.2 r	0.8	-0.3 r	-1.0 r	-2.8 r	-2.2
III	-0.2 r	-0.2	0.1 r	2.4	1.2 r	2.6
II	0.6	0.0	-0.6	2.2	1.1	1.5
I	0.5 r	0.1	-0.4 r	0.6	-0.4 r	0.1
2015 ANNUAL	0.3 r	0.8	0.5 r	3.1 r	3.0 r	2.8
2015 IV	0.2	-0.5	-0.7	4.2	3.8 r	3.9
III	1.0 r	0.5	-0.5 r	3.2 r	3.0 r	2.1
II	0.0 r	0.8	0.9	3.4 r	3.3	3.4
I	-0.1	2.3	2.4	1.6	1.7	1.8

Indexes 2009=100						
2017 ANNUAL	113.7 r	126.2 r	111.0 r	113.1 r	99.0 r	99.5 r
2017 IV	115.1 r	127.9 r	111.2 r	114.0 r	98.8 r	99.0 r
III	112.9 r	125.5 r	111.2 r	113.3 r	99.2 r	100.4 r
II	114.2 r	126.2	110.5 r	113.3 r	99.7 r	99.2 r
I	112.8 r	125.4	111.1 r	111.9 r	98.3 r	99.2 r
2016 ANNUAL	112.4 r	123.9	110.3 r	111.0 r	99.2 r	98.8 r
2016 IV	113.1 r	124.6	110.1 r	111.2 r	98.5 r	98.3 r
III	112.4 r	123.9	110.3 r	112.2 r	100.1 r	99.8
II	112.2 r	123.6	110.2 r	111.6 r	100.0 r	99.4 r
I	111.7 r	123.6	110.6 r	109.1 r	98.3 r	97.6 r
2015 ANNUAL	111.8 r	123.7	110.6 r	109.9 r	99.5 r	98.3 r
2015 IV	111.8 r	123.5	110.5 r	112.3 r	101.3 r	100.5
III	112.6 r	124.1	110.2 r	109.6 r	98.9 r	97.3 r
II	111.5 r	123.6	110.8 r	109.2 r	98.9 r	97.9 r
I	111.2 r	123.4	111.0 r	108.4 r	98.8 r	97.5

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Table 5. Nondurable manufacturing sector: Labor productivity, hourly compensation, and unit labor costs, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs

Percent change from previous quarter at annual rate (5)						
2017 ANNUAL	-0.3 r	1.3 r	1.6 r	1.1	-1.1	1.4 r
2017 IV	3.4 r	4.9 r	1.5 r	2.7 r	-0.9 r	-0.6 r
III	-5.2	-1.0	4.3 r	2.5 r	0.5 r	8.1 r
II	0.8 r	3.3	2.4 r	-2.8 r	-2.5 r	-3.6
I	1.5 r	2.0	0.6 r	6.8 r	3.6 r	5.3
2016 ANNUAL	0.1 r	0.7	0.7 r	0.2 r	-1.1 r	0.1
2016 IV	1.4 r	1.5	0.1 r	-5.2 r	-8.0 r	-6.5
III	-3.1 r	-0.8	2.3 r	1.9 r	0.1 r	5.1 r
II	-4.0 r	-2.2	1.9 r	3.7 r	1.3 r	7.9
I	4.2 r	2.1	-2.0 r	-7.5 r	-7.6 r	-11.3
2015 ANNUAL	0.2	1.9	1.7	1.5	1.4	1.3
2015 IV	-0.8 r	1.6	2.4 r	5.0 r	4.6 r	5.9
III	1.9 r	2.0	0.1 r	2.9 r	1.3 r	1.0
II	0.3 r	1.0	0.7 r	5.0 r	2.6 r	4.7
I	1.3 r	1.3	0.1 r	-2.9 r	-0.4 r	-4.1

Percent change from corresponding quarter of previous year						
2017 ANNUAL	-0.3 r	1.3 r	1.6 r	1.1	-1.1	1.4 r
2017 IV	0.1 r	2.3 r	2.2 r	2.3 r	0.1 r	2.2 r
III	-0.4 r	1.4	1.8 r	0.2 r	-1.7 r	0.6 r
II	0.2 r	1.5	1.3 r	0.1 r	-1.8 r	-0.1
I	-1.1 r	0.1	1.2 r	1.7 r	-0.8 r	2.8
2016 ANNUAL	0.1 r	0.7	0.7 r	0.2 r	-1.1 r	0.1
2016 IV	-0.4 r	0.2	0.6 r	-1.9 r	-3.6 r	-1.5
III	-1.0 r	0.2	1.1 r	0.6 r	-0.5 r	1.6
II	0.3	0.9	0.6	0.9	-0.2	0.6
I	1.4 r	1.7	0.3 r	1.2 r	0.1 r	-0.2
2015 ANNUAL	0.2	1.9	1.7	1.5	1.4	1.3
2015 IV	0.6 r	1.5	0.8	2.4 r	2.0	1.8
III	-0.2 r	1.9	2.2	1.9	1.8	2.2
II	-0.2 r	1.8	2.0 r	1.7	1.6 r	1.8
I	0.4	2.3	1.9	-0.2	-0.1	-0.6

Indexes 2009=100						
2017 ANNUAL	105.1 r	111.1 r	105.7 r	113.0 r	98.9 r	107.6 r
2017 IV	105.1 r	112.2 r	106.7 r	113.8 r	98.6 r	108.2 r
III	104.2 r	110.8 r	106.3 r	113.0 r	98.9 r	108.4 r
II	105.6 r	111.1	105.2 r	112.3 r	98.7 r	106.3 r
I	105.4 r	110.2	104.6 r	113.1 r	99.4 r	107.3 r
2016 ANNUAL	105.4 r	109.6	104.0 r	111.8 r	100.0 r	106.1 r
2016 IV	105.0 r	109.7	104.4 r	111.2 r	98.5 r	105.9 r
III	104.6 r	109.2	104.4 r	112.7 r	100.6 r	107.7 r
II	105.5 r	109.5	103.8 r	112.2 r	100.5 r	106.4 r
I	106.5 r	110.1	103.3 r	111.2 r	100.2 r	104.4 r
2015 ANNUAL	105.4 r	108.8	103.3 r	111.6 r	101.1 r	106.0 r
2015 IV	105.4 r	109.5	103.8 r	113.4 r	102.2 r	107.5 r
III	105.7 r	109.1	103.2 r	112.0 r	101.1 r	106.0 r
II	105.2	108.5	103.2	111.2 r	100.8 r	105.7 r
I	105.1 r	108.2	103.0 r	109.9 r	100.1 r	104.5 r

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Table 6. Nonfinancial corporate sector: Labor productivity, hourly compensation, unit labor costs, unit profits, and prices, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit nonlabor costs (6)	Total unit costs (7)	Unit profits (8)	Implicit price deflator (4)

Percent change from previous quarter at annual rate (5)										
2017 III	0.2 r	1.7 r	1.5 r	3.6 r	1.5 r	3.3 r	1.8 r	2.8 r	1.6 r	2.7
II	3.6 r	6.4	2.8 r	0.4 r	0.7 r	-3.0	-1.8	-2.6	13.7	-0.6
I	2.1 r	4.1	1.9 r	4.4 r	1.2 r	2.3	-1.0	1.2	-2.7	0.7
2016 ANNUAL	-0.2 r	1.4	1.5	1.1	-0.2	1.2	-0.5	0.7	-5.3	-0.2
2016 IV	-4.6 r	-3.9	0.8 r	-3.7 r	-6.6 r	0.9	9.2	3.5	-2.8	2.7
III	5.8 r	7.4	1.6 r	1.8 r	0.0 r	-3.7	-4.5	-4.0	7.3	-2.6
II	-1.9 r	-0.6	1.3 r	3.8 r	1.4	5.9	1.7	4.5	-28.8	-0.8
I	0.6 r	1.1	0.5 r	-1.7 r	-1.8 r	-2.3	-13.0	-5.9	47.7	0.0
2015 ANNUAL	1.4	3.6	2.2	3.0	2.9	1.6	0.4	1.2	-5.1	0.3
2015 IV	-1.7 r	1.5	3.3 r	3.1 r	2.7 r	4.9	13.8	7.7	-41.5	-0.9
III	0.6 r	2.5	1.9 r	0.4 r	-1.1 r	-0.2	-0.1	-0.2	5.3	0.6
II	-1.9 r	-0.9	1.0 r	2.8 r	0.4	4.8	4.0	4.5	-1.3	3.7
I	3.6 r	4.6	0.9 r	7.5 r	10.3 r	3.7	-2.2	1.8	-23.7	-2.5

Percent change from corresponding quarter of previous year										
2017 III	0.3 r	2.0 r	1.7	1.1 r	-0.8 r	0.8 r	2.0 r	1.2	2.3 r	1.3
II	1.6	3.4	1.8	0.7	-1.2	-0.9	0.4	-0.5	3.7	0.0
I	0.3	1.7	1.4	1.5	-1.0	1.3	1.2	1.3	-7.8	0.0
2016 ANNUAL	-0.2 r	1.4	1.5	1.1	-0.2	1.2	-0.5	0.7	-5.3	-0.2
2016 IV	-0.1	0.9	1.0	0.0	-1.8	0.1	-2.0	-0.6	2.3	-0.2
III	0.6 r	2.3	1.7 r	1.7 r	0.6	1.1	-1.0	0.4	-9.9	-1.1
II	-0.6	1.1	1.7	1.4	0.3	2.0	0.1	1.4	-10.3	-0.3
I	-0.6	1.1	1.7 r	1.1 r	0.1	1.7	0.7	1.4	-2.6	0.8
2015 ANNUAL	1.4	3.6	2.2	3.0	2.9	1.6	0.4	1.2	-5.1	0.3
2015 IV	0.1	1.9	1.8	3.4	3.0	3.3	3.7	3.4	-17.5	0.2
III	1.0	2.8	1.8	3.3	3.1	2.3	0.1	1.6	-6.1	0.4
II	1.8	3.9	2.1	3.5	3.4 r	1.6	-0.4	1.0	-2.1	0.5
I	2.7	6.0	3.1 r	1.9	2.0	-0.8	-1.8	-1.1	7.6	0.1

Indexes 2009=100										
2017 III	109.0 r	127.4 r	116.9 r	117.4 r	102.8 r	107.8 r	100.9 r	105.5 r	139.6 r	109.1
II	108.9 r	126.8	116.5 r	116.4 r	102.4 r	106.9	100.4	104.8	139.0	108.3
I	107.9 r	124.9	115.7 r	116.3 r	102.2 r	107.7	100.9	105.4	134.6	108.5
2016 ANNUAL	107.7 r	123.5	114.7 r	115.3 r	103.1 r	107.1	99.9	104.7	138.0	108.2
2016 IV	107.4 r	123.6	115.1 r	115.0 r	101.9 r	107.1	101.1	105.1	135.5	108.3
III	108.6 r	124.9	114.9 r	116.1 r	103.6 r	106.9	98.9	104.2	136.5	107.6
II	107.1 r	122.6	114.5 r	115.6 r	103.6 r	107.9	100.1	105.3	134.1	108.3
I	107.7 r	122.8	114.1 r	114.5 r	103.3 r	106.4	99.7	104.1	146.0	108.5
2015 ANNUAL	107.9 r	121.8	112.9 r	114.1 r	103.3 r	105.8	100.5	104.0	145.8	108.4
2015 IV	107.5 r	122.5	114.0 r	115.0 r	103.7 r	107.0	103.2	105.7	132.4	108.5
III	108.0 r	122.0	113.0 r	114.2 r	103.0 r	105.7	99.9	103.8	151.4	108.8
II	107.8 r	121.3	112.5 r	114.0 r	103.3 r	105.8	99.9	103.8	149.5	108.6
I	108.3 r	121.6	112.2 r	113.3 r	103.2 r	104.6	98.9	102.7	150.0	107.6

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

SOURCES: Output data are from the Bureau of Economic Analysis and the Census Bureau of the U.S. Department of Commerce; the Bureau of Labor Statistics, U.S. Department of Labor; and the Federal Reserve Board. Hours and compensation data are from the Bureau of Labor Statistics and the Bureau of Economic Analysis.

RELIABILITY: Productivity and cost measures are regularly revised as more complete information becomes available. The measures are first published within 40 days of the close of the reference period; revisions appear 30 days later, and second revisions after an additional 60 days. In the business sector, the third publication (second revision) of a quarterly index of output per hour of all persons has differed from the initial value by between -1.5 and 1.4 index points approximately 95 percent of the time. This interval is based on the performance of this measure between the fourth quarter of 1995 and the third quarter of 2017.

Table Footnotes

- (1) Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Except for nonfinancial corporations, where there are no self-employed, data also include an estimate of wages, salaries, and supplemental payments for the self-employed.
- (2) The change for recent quarters is based on the Consumer Price Index for all urban consumers (CPI-U). The trend from 1978-2016 is based on the Consumer Price Index research series (CPI-U-RS).
- (3) Unit nonlabor payments include profits, consumption of fixed capital, taxes on production and imports less subsidies, net interest and miscellaneous payments, business current transfer payments, rental income of persons, and the current surplus of government enterprises.
- (4) Current dollar output divided by the output index.
- (5) Quarterly changes: Percent change compounded at annual rate is calculated using index numbers to three decimal places. Indexes published in the news release are rounded to one decimal place for convenience. Annual changes: Percent change is calculated using annual indexes to three decimal places.
- (6) Unit nonlabor costs include consumption of fixed capital, taxes on production and imports less subsidies, net interest and miscellaneous payments, and business current transfer payments.
- (7) Total unit costs are the sum of unit labor and nonlabor costs.
- (8) Unit profits include corporate profits before tax with inventory valuation and capital consumption adjustments.

Appendix table 1.

Business sector: Revised labor productivity, hourly compensation, unit labor costs, and prices, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)

Percent change from previous quarter at annual rate(5)								
2014 ANNUAL	0.8 r	3.2	2.4 r	2.7	1.0 r	1.9	1.3	1.6
2014 IV	-2.2 r	2.5	4.8 r	4.5 r	5.2 r	6.8	-8.3	-0.1
III	3.5 r	6.8	3.1 r	2.2 r	1.1 r	-1.3 r	5.3	1.6
II	2.3 r	5.8	3.4 r	-2.4 r	-4.2 r	-4.6	12.6	2.5
I	-3.1 r	-1.7	1.5 r	7.4 r	4.6 r	10.9 r	-9.7	1.4
2013 ANNUAL	0.7	2.2	1.5	1.3	-0.1	0.6	2.7	1.5
2013 IV	3.8 r	5.4	1.5 r	1.9 r	0.4 r	-1.9	6.5 r	1.7
III	1.5	4.1	2.6	0.6	-1.5	-0.9	5.5	1.9
II	-0.1	1.1	1.1 r	5.9 r	6.4	6.0 r	-6.2	0.5
I	2.3 r	3.7	1.4	-8.3 r	-9.8 r	-10.4	19.8	1.5
2012 ANNUAL	0.7	2.9	2.2	2.7	0.7	2.0	1.7	1.9
2012 IV	-1.4 r	0.2	1.6 r	11.6 r	8.7 r	13.2	-12.4 r	1.4
III	-1.1 r	0.6	1.7 r	0.5 r	-1.3	1.6	3.4	2.4
II	2.2	2.6	0.4 r	2.3 r	1.5	0.2	4.8 r	2.1
I	0.0	3.4	3.4	9.6	7.2 r	9.6	-7.5	1.7

Percent change from corresponding quarter of previous year								
2014 ANNUAL	0.8 r	3.2	2.4 r	2.7	1.0 r	1.9	1.3	1.6
2014 IV	0.1	3.3	3.2	2.9	1.6	2.8	-0.5	1.3
III	1.6	4.0	2.4 r	2.2	0.4 r	0.6	3.3	1.8
II	1.1	3.4	2.2 r	1.8	-0.2	0.7	3.4	1.9
I	0.5	2.2	1.7	3.9	2.4	3.4	-1.2	1.4
2013 ANNUAL	0.7	2.2	1.5	1.3	-0.1	0.6	2.7	1.5
2013 IV	1.9	3.6	1.6	-0.1	-1.3	-2.0	6.0	1.4
III	0.6 r	2.3	1.7	2.2 r	0.7 r	1.6	1.0	1.3
II	-0.1	1.4	1.5	2.1	0.7	2.2	0.5	1.4
I	0.5	1.7	1.3	1.3	-0.5	0.8	3.3	1.9
2012 ANNUAL	0.7	2.9	2.2	2.7	0.7	2.0	1.7	1.9
2012 IV	-0.1	1.7	1.8	5.9	3.9	6.0	-3.2	1.9
III	1.0	3.1	2.1	1.7 r	0.0 r	0.7	3.2	1.8
II	1.1	3.3	2.2	2.2	0.3	1.1	2.8	1.8
I	0.8	3.6	2.8	1.1	-1.7	0.3	4.5	2.1

Indexes 2009=100								
2014 ANNUAL	105.6 r	114.4	108.3 r	111.2 r	100.8 r	105.3 r	113.2 r	108.6
2014 IV	105.8 r	116.3	109.9 r	112.3 r	101.6 r	106.1 r	112.9 r	108.9
III	106.4	115.5	108.6	111.0	100.3	104.4	115.4	109.0
II	105.5 r	113.7	107.8 r	110.4 r	100.1 r	104.7 r	113.9 r	108.5
I	104.9 r	112.1	106.9 r	111.1 r	101.1 r	106.0 r	110.6 r	107.9
2013 ANNUAL	104.8 r	110.8	105.8 r	108.3 r	99.7 r	103.4 r	111.8 r	106.9
2013 IV	105.7 r	112.6	106.5 r	109.1 r	100.0 r	103.3 r	113.4 r	107.5
III	104.7 r	111.1	106.1 r	108.6 r	99.9 r	103.7 r	111.6 r	107.1
II	104.3 r	110.0	105.4 r	108.5 r	100.3 r	104.0 r	110.1 r	106.6
I	104.3 r	109.7	105.1 r	106.9 r	98.7 r	102.5 r	111.9 r	106.4
2012 ANNUAL	104.0 r	108.4	104.2	106.8	99.8	102.7	108.9	105.3
2012 IV	103.7 r	108.7	104.8 r	109.3 r	101.3 r	105.3 r	107.0	106.0
III	104.1 r	108.6	104.3 r	106.3 r	99.3 r	102.1 r	110.6 r	105.7
II	104.4 r	108.5	103.9 r	106.2 r	99.6 r	101.7 r	109.6	105.0
I	103.8 r	107.8	103.8 r	105.6 r	99.2 r	101.7 r	108.4 r	104.5

See footnotes following Table 6.
r=revisedMarch 7, 2018
Source: Bureau of Labor Statistics

Appendix table 2.

Nonfarm business sector: Revised labor productivity, hourly compensation, unit labor costs, and prices, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)

Percent change from previous quarter at annual rate(5)								
2014 ANNUAL	1.0	3.3	2.3 r	2.9	1.2 r	1.9	1.6	1.8
2014 IV	-2.1 r	2.3	4.5 r	4.9 r	5.6 r	7.1	-8.4	0.0
III	4.2 r	6.9	2.5 r	3.0 r	1.9 r	-1.2	6.5 r	2.1
II	2.5 r	5.8	3.2 r	-2.3 r	-4.1 r	-4.7	11.9	2.1
I	-3.2 r	-1.4	1.9 r	7.0 r	4.3 r	10.6 r	-9.9	1.2
2013 ANNUAL	0.3	2.0	1.7	1.2	-0.3	0.9	2.4	1.5
2013 IV	4.1 r	5.6	1.4 r	2.1 r	0.6 r	-1.9	8.0	2.3
III	1.6	3.8	2.2 r	1.1	-1.1	-0.5	6.2	2.3
II	-0.6 r	0.6	1.2 r	5.8	6.4 r	6.5	-5.6	1.1
I	0.9	2.8	1.9	-8.9 r	-10.4	-9.7	17.7	1.1
2012 ANNUAL	0.9	3.1	2.2	2.6	0.6	1.7	2.1	1.9
2012 IV	-1.7 r	0.2	1.9 r	11.3 r	8.4 r	13.2	-13.2	1.1
III	-0.8 r	1.0	1.8 r	0.3 r	-1.5 r	1.1	3.4	2.1
II	2.3	2.7	0.4	2.2	1.3 r	-0.1	5.3	2.2
I	0.6	3.9	3.3	9.6 r	7.1	8.9	-6.9	1.7

Percent change from corresponding quarter of previous year								
2014 ANNUAL	1.0	3.3	2.3 r	2.9	1.2 r	1.9	1.6	1.8
2014 IV	0.3	3.4	3.0	3.1	1.9	2.8	-0.4	1.4
III	1.9	4.2	2.3 r	2.4	0.6 r	0.5	3.8	1.9
II	1.2	3.4	2.2	1.9	-0.1	0.7	3.7	2.0
I	0.5	2.1	1.7	4.0	2.5	3.5	-0.6	1.7
2013 ANNUAL	0.3	2.0	1.7	1.2	-0.3	0.9	2.4	1.5
2013 IV	1.5 r	3.2	1.7 r	-0.1	-1.3	-1.6	6.3	1.7
III	0.1 r	1.9	1.8	2.1 r	0.6 r	2.0	0.6	1.4
II	-0.5 r	1.2	1.7	1.9 r	0.4	2.4	-0.1	1.3
I	0.2	1.7	1.5	1.0	-0.8	0.8	2.7	1.6
2012 ANNUAL	0.9	3.1	2.2	2.6	0.6	1.7	2.1	1.9
2012 IV	0.1	2.0	1.9	5.7	3.8	5.6	-3.1	1.8
III	1.2	3.4	2.1	1.6	-0.1	0.4	3.8	1.8
II	1.2	3.4	2.1	2.2	0.3	0.9	3.3	1.9
I	1.0	3.8	2.8	1.0	-1.7	0.0	4.9	2.1

Indexes 2009=100								
2014 ANNUAL	105.7 r	114.6	108.4 r	111.3 r	100.8 r	105.3 r	112.2 r	108.2
2014 IV	106.0 r	116.4	109.8 r	112.5 r	101.8 r	106.1 r	112.0 r	108.6
III	106.5	115.7	108.7	111.2	100.5	104.4	114.5	108.6
II	105.4 r	113.8	108.0 r	110.4 r	100.0 r	104.7 r	112.7 r	108.0
I	104.8 r	112.2	107.1 r	111.0 r	101.0 r	105.9	109.6 r	107.5
2013 ANNUAL	104.7 r	110.9	106.0 r	108.2 r	99.6 r	103.3 r	110.5 r	106.3
2013 IV	105.6 r	112.6	106.6 r	109.1 r	100.0 r	103.3 r	112.5 r	107.1
III	104.6 r	111.1	106.2 r	108.5 r	99.8 r	103.8 r	110.3 r	106.5
II	104.1 r	110.1	105.7 r	108.3 r	100.1 r	103.9 r	108.7 r	105.9
I	104.3 r	109.9	105.4 r	106.7 r	98.6 r	102.3 r	110.3 r	105.6
2012 ANNUAL	104.3	108.8	104.2	106.9 r	99.9	102.5	107.9	104.7
2012 IV	104.1 r	109.1	104.9 r	109.2 r	101.3 r	105.0	105.9	105.3
III	104.5 r	109.1	104.4 r	106.4 r	99.3 r	101.8 r	109.7 r	105.1
II	104.7 r	108.8	103.9 r	106.3 r	99.7 r	101.5	108.8	104.5
I	104.1 r	108.1	103.8 r	105.7 r	99.3 r	101.5 r	107.4 r	104.0

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Appendix table 3.

Manufacturing sector: Revised labor productivity, hourly compensation, and unit labor costs, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs

Percent change from previous quarter at annual rate(5)						
2014 ANNUAL	0.0	1.6	1.6 r	2.8	1.1 r	2.8
2014 IV	-1.5 r	2.7	4.3 r	4.9 r	5.6 r	6.5
III	0.3 r	2.0	1.7 r	2.2 r	1.1 r	1.9
II	1.0 r	4.8	3.8 r	-3.2 r	-5.0 r	-4.1
I	0.8	-0.7	-1.6 r	11.3 r	8.4	10.3
2013 ANNUAL	0.9	1.8	0.8	0.2	-1.3	-0.8
2013 IV	-1.3 r	2.4	3.8 r	-1.1 r	-2.6 r	0.2
III	-2.1 r	-0.3	1.8 r	0.9 r	-1.2 r	3.0
II	2.6	0.6	-2.0	3.1	3.6	0.4
I	2.6 r	4.7	2.1	-4.6	-6.1 r	-7.0
2012 ANNUAL	-0.8	1.5	2.3	1.7	-0.3	2.5
2012 IV	2.5	2.6	0.0	4.3	1.6	1.7
III	-1.5	-0.9	0.6	-0.9	-2.7	0.5
II	-2.0	0.0	2.0	0.7	-0.1	2.8
I	0.0	3.2	3.2	9.4	7.0	9.4

Percent change from corresponding quarter of previous year						
2014 ANNUAL	0.0	1.6	1.6 r	2.8	1.1 r	2.8
2014 IV	0.2	2.2	2.0 r	3.7	2.4 r	3.5
III	0.2 r	2.1	1.9 r	2.2	0.4	1.9
II	-0.4	1.5	1.9 r	1.8	-0.2	2.2
I	0.0	0.5	0.5	3.4 r	2.0	3.4
2013 ANNUAL	0.9	1.8	0.8	0.2	-1.3	-0.8
2013 IV	0.4 r	1.8	1.4	-0.5 r	-1.6	-0.9
III	1.4	1.9	0.5	0.9 r	-0.6	-0.5
II	1.6 r	1.7	0.2	0.4	-1.0	-1.1
I	0.4	1.6	1.2	-0.2	-1.9	-0.6
2012 ANNUAL	-0.8	1.5	2.3	1.7	-0.3	2.5
2012 IV	-0.2	1.2	1.5	3.3	1.4	3.6
III	-1.6	1.0	2.7	1.0	-0.7	2.6
II	-0.5	2.0	2.5	1.7	-0.2	2.2
I	-0.9	1.8	2.6	0.9	-1.8	1.8

Indexes 2009=100						
2014 ANNUAL	107.0 r	114.2	106.8 r	108.0 r	97.9 r	101.0 r
2014 IV	106.8 r	115.4	108.1 r	109.0 r	98.7 r	102.1 r
III	107.2 r	114.7	107.0 r	107.7 r	97.4 r	100.5 r
II	107.1 r	114.1	106.5 r	107.2 r	97.1 r	100.1
I	106.8 r	112.8	105.6 r	108.0 r	98.4 r	101.1
2013 ANNUAL	107.0 r	112.5	105.1 r	105.1 r	96.8 r	98.2
2013 IV	106.6 r	113.0	106.0 r	105.2 r	96.4 r	98.7
III	107.0 r	112.3	105.0 r	105.5 r	97.0 r	98.6
II	107.5 r	112.4	104.5 r	105.2 r	97.3 r	97.9
I	106.8 r	112.2	105.1 r	104.4 r	96.5 r	97.8
2012 ANNUAL	106.0	110.5	104.3	104.9	98.0	99.0
2012 IV	106.1	110.9	104.5	105.7	98.0	99.6
III	105.5	110.2	104.5	104.6	97.6	99.1
II	105.9	110.5	104.4	104.8	98.3	99.0
I	106.4	110.5	103.8	104.6	98.3	98.3

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Appendix table 4.

Durable manufacturing sector: Revised labor productivity, hourly compensation, and unit labor costs, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs

Percent change from previous quarter at annual rate(5)						
2014 ANNUAL	0.6	2.8	2.2 r	2.3	0.6 r	1.7
2014 IV	0.1 r	2.4	2.2 r	6.1 r	6.9 r	6.0
III	-0.2 r	3.0	3.2 r	2.3 r	1.2 r	2.5
II	0.8 r	6.6	5.8 r	-3.9 r	-5.6 r	-4.6
I	1.5 r	0.2	-1.4 r	11.2 r	8.4 r	9.5
2013 ANNUAL	0.9	2.1	1.2	-0.6	-2.0	-1.5
2013 IV	0.3 r	4.7	4.5 r	-3.5 r	-5.0 r	-3.8
III	-1.4 r	0.5	1.9 r	1.7 r	-0.5	3.2
II	2.8 r	0.7	-2.1 r	2.4 r	2.9 r	-0.4
I	2.0 r	5.4	3.3 r	-6.0 r	-7.6 r	-7.9
2012 ANNUAL	0.1	3.1	3.0	1.4	-0.6	1.3
2012 IV	2.7	2.9	0.2	5.0	2.3	2.3
III	-2.8	-2.7	0.1	-2.3	-4.1	0.5
II	-1.1	1.6	2.7	-1.2	-2.0	-0.1
I	3.1	6.6	3.4	11.2	8.7	7.8

Percent change from corresponding quarter of previous year						
2014 ANNUAL	0.6	2.8	2.2 r	2.3	0.6 r	1.7
2014 IV	0.6 r	3.0	2.4 r	3.8 r	2.5 r	3.2
III	0.6 r	3.6	3.0 r	1.3 r	-0.4 r	0.7
II	0.3	3.0	2.7	1.2	-0.8	0.9
I	0.8	1.5	0.7	2.8	1.3	2.0
2013 ANNUAL	0.9	2.1	1.2	-0.6	-2.0	-1.5
2013 IV	0.9 r	2.8	1.9	-1.4 r	-2.6 r	-2.3
III	1.5	2.3	0.8 r	0.7 r	-0.8	-0.8
II	1.2 r	1.5	0.4	-0.3	-1.7	-1.5
I	0.2 r	1.8	1.6	-1.2	-2.9	-1.4
2012 ANNUAL	0.1	3.1	3.0	1.4	-0.6	1.3
2012 IV	0.4	2.0	1.6	3.0	1.1	2.6
III	-0.9	2.5	3.4	0.2	-1.4	1.1
II	1.1	4.4	3.2	1.6	-0.3	0.4
I	-0.1	3.6	3.8	0.8	-2.0	0.9

Indexes 2009=100						
2014 ANNUAL	111.5 r	122.7	110.1 r	106.6 r	96.6 r	95.6
2014 IV	111.5 r	124.2	111.3 r	107.8 r	97.6 r	96.7
III	111.5 r	123.5	110.7 r	106.2 r	96.0 r	95.3
II	111.5 r	122.6	109.9 r	105.6 r	95.7 r	94.7
I	111.3 r	120.6	108.3 r	106.7 r	97.1 r	95.8 r
2013 ANNUAL	110.8 r	119.4	107.7 r	104.2 r	96.0 r	94.0 r
2013 IV	110.9 r	120.6	108.7 r	103.9 r	95.2 r	93.7 r
III	110.8 r	119.2	107.5 r	104.8 r	96.4 r	94.6 r
II	111.2 r	119.0	107.0 r	104.4 r	96.5 r	93.9 r
I	110.5 r	118.8	107.6 r	103.8 r	95.8 r	94.0 r
2012 ANNUAL	109.8	116.9	106.5	104.8	98.0	95.5
2012 IV	109.9	117.3	106.7	105.4	97.7	95.9
III	109.2	116.4	106.7	104.1	97.2	95.4
II	109.9	117.2	106.6	104.7	98.2	95.2
I	110.2	116.8	105.9	105.0	98.7	95.3

See footnotes following Table 6.
r=revisedMarch 7, 2018
Source: Bureau of Labor Statistics

Appendix table 5.

Nondurable manufacturing sector: Revised labor productivity, hourly compensation, and unit labor costs, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs

Percent change from previous quarter at annual rate(5)						
2014 ANNUAL	0.1 r	0.7	0.6 r	3.6	1.9 r	3.5
2014 IV	-4.3 r	3.4	8.1 r	2.8 r	3.5 r	7.4 r
III	2.2 r	1.3	-0.8 r	1.8 r	0.7 r	-0.4
II	2.8 r	3.2	0.4 r	-2.3 r	-4.1 r	-4.9
I	0.8 r	-1.1	-1.9 r	11.4 r	8.6 r	10.5
2013 ANNUAL	1.3 r	1.5	0.2	1.5 r	0.1	0.2
2013 IV	-2.2 r	0.3	2.6 r	3.6 r	2.1 r	6.0
III	-2.4 r	-0.8	1.6 r	-0.5 r	-2.6 r	2.0 r
II	2.5 r	0.5	-1.9 r	4.6 r	5.1 r	2.0
I	3.7 r	3.8	0.0 r	-2.0 r	-3.6 r	-5.6
2012 ANNUAL	-0.8	0.4	1.2	2.1	0.1	3.0
2012 IV	2.7	2.4	-0.3	3.0	0.3	0.3
III	0.2	1.7	1.5	1.9	0.0	1.7
II	-1.8	-1.0	0.8	4.4	3.5	6.3
I	-2.2	0.8	3.0	6.1	3.7	8.5

Percent change from corresponding quarter of previous year						
2014 ANNUAL	0.1 r	0.7	0.6 r	3.6	1.9 r	3.5
2014 IV	0.3 r	1.7	1.4 r	3.3 r	2.1 r	3.0
III	0.9	0.9	0.1 r	3.5 r	1.7 r	2.6
II	-0.3 r	0.4	0.7	2.9	0.9 r	3.2
I	-0.4	-0.3	0.1	4.7	3.2	5.1
2013 ANNUAL	1.3 r	1.5	0.2	1.5 r	0.1	0.2
2013 IV	0.4 r	0.9	0.6 r	1.4 r	0.2 r	1.0
III	1.6 r	1.4	-0.1	1.2 r	-0.3	-0.4
II	2.3 r	2.1	-0.2 r	1.8	0.4	-0.4
I	1.2 r	1.7	0.5 r	1.8	0.0 r	0.6
2012 ANNUAL	-0.8	0.4	1.2	2.1	0.1	3.0
2012 IV	-0.3	0.9	1.2	3.8	1.9	4.1
III	-1.3	0.3	1.5	2.2	0.5	3.5
II	-1.2	0.1	1.4	1.6	-0.2	2.9
I	-0.5	0.3	0.8	0.9	-1.8	1.5

Indexes 2009=100						
2014 ANNUAL	105.2 r	106.8	101.6 r	110.0 r	99.7 r	104.6 r
2014 IV	104.8 r	107.9	103.0 r	110.7 r	100.2 r	105.6 r
III	105.9 r	107.0	101.0 r	109.9 r	99.3 r	103.8
II	105.4 r	106.6	101.2 r	109.4 r	99.2 r	103.8 r
I	104.6 r	105.8	101.1 r	110.1 r	100.2 r	105.2 r
2013 ANNUAL	105.0 r	106.1	101.0 r	106.2 r	97.8 r	101.1 r
2013 IV	104.4 r	106.1	101.6 r	107.1 r	98.2 r	102.6 r
III	105.0 r	106.0	100.9 r	106.2 r	97.7 r	101.1 r
II	105.7 r	106.2	100.5 r	106.3 r	98.3 r	100.6
I	105.0 r	106.1	101.0 r	105.1 r	97.1 r	100.1 r
2012 ANNUAL	103.6	104.5	100.8	104.6	97.7	100.9
2012 IV	104.1	105.1	101.0	105.7	98.0	101.5
III	103.4	104.5	101.1	104.9	97.9	101.5
II	103.3	104.1	100.7	104.4	97.9	101.0
I	103.8	104.3	100.5	103.3	97.1	99.5

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics

Appendix table 6.

Nonfinancial corporate sector: Revised labor productivity, hourly compensation, unit labor costs, unit profits, and prices, seasonally adjusted.

Year and quarter	Labor productivity	Output	Hours worked	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit nonlabor costs (6)	Total unit costs (7)	Unit profits (8)	Implicit price deflator (4)

Percent change from previous quarter at annual rate(5)										
2014 ANNUAL	1.3	4.0	2.7	2.6	0.9	1.3	-0.2	0.8	1.4	0.9
2014 IV	1.8 r	5.3	3.5 r	2.5 r	3.2 r	0.8	-1.1	0.2	-1.8	-0.2
III	3.8 r	6.9	3.0 r	1.2 r	0.1 r	-2.5	-2.2	-2.4	24.0	1.2
II	1.7 r	7.1	5.3 r	-3.3 r	-5.0 r	-4.9	-1.7	-3.9	44.2	1.8
I	3.1 r	4.5	1.4 r	10.4 r	7.6 r	7.1	-0.5	4.6	-28.5	-0.9
2013 ANNUAL	0.2	2.3	2.0	1.3	-0.1	1.1	0.2	0.8	4.6	1.4
2013 IV	-0.6 r	1.5	2.1 r	0.9 r	-0.6 r	1.5	2.0	1.7	2.7	1.8
III	-3.5	-0.9	2.7	-0.3 r	-2.4 r	3.4	3.2	3.3	-1.9	2.5
II	2.4	3.8	1.4	3.9 r	4.4 r	1.4	-2.0	0.3	-3.0	-0.2
I	-0.8	2.7	3.4 r	-4.0 r	-5.6	-3.3	0.4	-2.1	19.6	0.9
2012 ANNUAL	1.0	3.4	2.4	2.8	0.7	1.8	0.2	1.3	7.0	2.1
2012 IV	6.5 r	7.7	1.2 r	8.5 r	5.7 r	1.9	-3.7	0.1	4.5	0.7
III	-5.4 r	-4.0	1.4 r	0.0 r	-1.8 r	5.8	4.9	5.5	-5.5	3.8
II	-0.3 r	0.5	0.8 r	1.4 r	0.6	1.7	1.4	1.6	9.2	2.7
I	6.3 r	9.9	3.4 r	12.2	9.7	5.6	-3.2	2.6	-2.5	1.8

Percent change from corresponding quarter of previous year										
2014 ANNUAL	1.3	4.0	2.7	2.6	0.9	1.3	-0.2	0.8	1.4	0.9
2014 IV	2.6	5.9	3.3 r	2.6	1.4	0.0	-1.4	-0.4	5.8	0.5
III	2.0	5.0	2.9	2.2	0.4	0.2	-0.6	-0.1	7.0	1.0
II	0.1	3.0	2.8 r	1.8	-0.2	1.7	0.7	1.4	0.9	1.3
I	0.3	2.2	1.9	3.7	2.2	3.3	0.7	2.4	-8.6	0.8
2013 ANNUAL	0.2	2.3	2.0	1.3	-0.1	1.1	0.2	0.8	4.6	1.4
2013 IV	-0.6	1.7	2.4 r	0.1	-1.1 r	0.7	0.9	0.8	4.0	1.2
III	1.1 r	3.3	2.2	1.9	0.4	0.8	-0.5	0.4	4.4	1.0
II	0.6 r	2.4	1.9	2.0	0.6 r	1.4	-0.1	0.9	3.4	1.3
I	-0.1	1.6	1.7	1.4	-0.3 r	1.5	0.7	1.2	6.6	2.0
2012 ANNUAL	1.0	3.4	2.4	2.8	0.7	1.8	0.2	1.3	7.0	2.1
2012 IV	1.6	3.4	1.7	5.4	3.5	3.7	-0.2	2.4	1.3	2.2
III	-0.2	1.9	2.1	2.1	0.4	2.3	1.1	1.9	3.5	2.1
II	0.9	3.4	2.5	2.4	0.5	1.5	0.3	1.1	7.6	2.0
I	1.5	4.9	3.3	1.3	-1.4	-0.2	-0.3	-0.2	17.6	2.0

Indexes 2009=100										
2014 ANNUAL	106.4 r	117.6	110.5 r	110.8	100.4	104.1	100.1	102.8	153.6	108.1
2014 IV	107.4 r	120.2	112.0 r	111.2 r	100.7 r	103.6	99.5	102.2	160.5	108.3
III	106.9 r	118.7	111.0 r	110.5 r	99.9 r	103.4	99.8	102.2	161.2	108.4
II	105.9 r	116.7	110.2 r	110.2 r	99.9 r	104.1	100.3	102.8	152.7	108.0
I	105.4 r	114.7	108.8 r	111.1 r	101.2 r	105.4	100.8	103.8	139.4	107.6
2013 ANNUAL	105.1 r	113.0	107.6 r	108.0 r	99.5 r	102.8	100.2	101.9	151.5	107.1
2013 IV	104.6 r	113.5	108.4 r	108.4 r	99.3 r	103.6	100.9	102.7	151.6	107.8
III	104.8 r	113.0	107.9 r	108.2 r	99.5 r	103.2	100.4	102.3	150.6	107.3
II	105.7 r	113.3	107.2 r	108.2 r	100.1 r	102.4	99.6	101.4	151.3	106.7
I	105.1 r	112.2	106.8 r	107.2 r	99.0 r	102.0	100.1	101.4	152.5	106.7
2012 ANNUAL	104.8 r	110.5	105.4	106.6 r	99.6	101.7	100.0	101.1	144.9	105.7
2012 IV	105.3 r	111.5	105.9 r	108.3 r	100.4 r	102.9	100.0	101.9	145.8	106.5
III	103.7 r	109.5	105.6 r	106.1 r	99.1 r	102.4	100.9	101.9	144.2	106.3
II	105.1 r	110.6	105.2 r	106.1 r	99.5 r	100.9	99.7	100.5	146.3	105.3
I	105.2 r	110.5	105.0 r	105.7 r	99.4 r	100.5	99.4	100.1	143.1	104.6

See footnotes following Table 6.
r=revised

March 7, 2018
Source: Bureau of Labor Statistics