

Transmission of material in this release is embargoed until  
8:30 a.m. (EDT) Friday, August 8, 2014

USDL 14-1431

Technical information: (202) 691-5606 • dprweb@bls.gov • www.bls.gov/lpc  
Media contact (202) 691-5902 • PressOffice@bls.gov

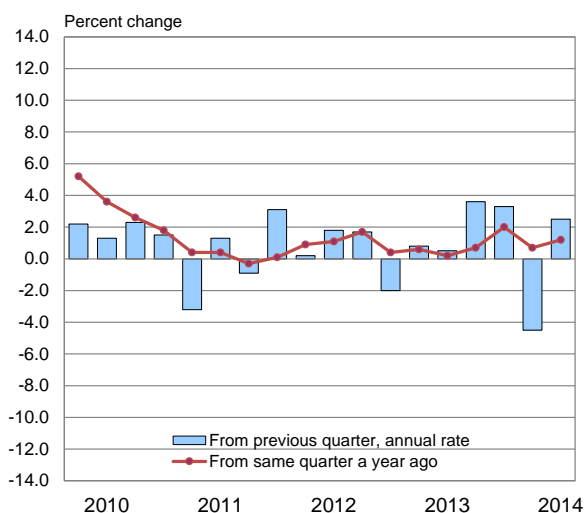
## PRODUCTIVITY AND COSTS

### Second Quarter 2014, Preliminary

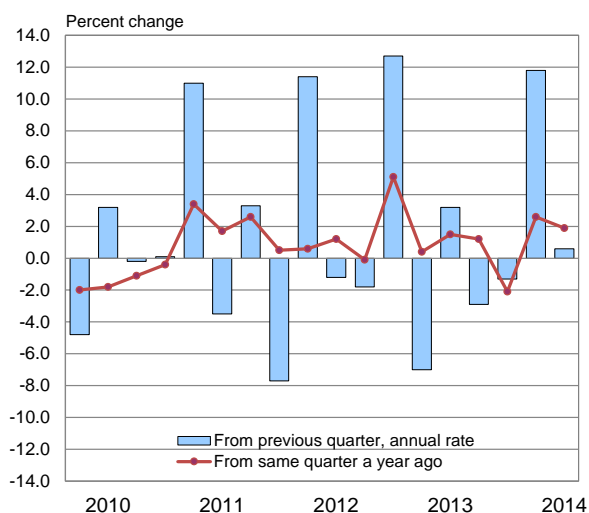
**Nonfarm business sector labor productivity** increased at a 2.5 percent annual rate during the second quarter of 2014, the U.S. Bureau of Labor Statistics reported today, as hours increased 2.7 percent and output increased 5.2 percent. (All quarterly percent changes in this release are seasonally adjusted annual rates.) From the second quarter of 2013 to the second quarter of 2014, productivity increased 1.2 percent as output and hours worked rose 3.2 percent and 2.0 percent, respectively. (See chart 1 and table A.)

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

**Chart 1. Output per hour, nonfarm business, all persons, 2010Q1 – 2014Q2**



**Chart 2. Unit labor costs, nonfarm business, all persons, 2010Q1 – 2014Q2**



### Historical Revisions to Productivity and Costs Data

Data in this release reflect the comprehensive revision to the National Income and Product Accounts (NIPA) released by the Bureau of Economic Analysis of the U.S. Department of Commerce on July 30, 2014. See "Revised measures" section (page 2).

**Unit labor costs in nonfarm businesses** increased 0.6 percent in the second quarter of 2014, as the 3.1 percent increase in hourly compensation was larger than the increase in productivity. Unit labor costs increased 1.9 percent over the last four quarters. (See chart 2 and tables A and 2.)

BLS defines 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 productivity** increased 3.6 percent in the second quarter of 2014, as output increased 7.0 percent and hours worked increased 3.2 percent. Productivity increased 2.9 percent in the durable goods sector and increased 5.9 percent in the nondurable goods sector. Over the last four quarters, manufacturing productivity increased 2.1 percent, as output increased 3.7 percent and hours increased 1.5 percent. **Unit labor costs in manufacturing** decreased 1.3 percent in the second quarter of 2014 and increased 0.8 percent from the same quarter a year ago. (See tables A 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 Technical Notes for a more detailed explanation. (See page 6.)

### Revised measures

Output and related measures—including productivity and unit labor costs—in the business and nonfarm business sectors were subject to revision for the entire series going back to 1947. The most notable revisions in these series are generally limited to the period from 2010 onward. Hourly compensation and related measures for all sectors were subject to revision back to 2010. Measures of output for the business and nonfarm business sectors and measures of compensation for all sectors incorporate the revised National Income and Product Accounts (NIPA) data released on July 30 by the Bureau of Economic Analysis, U.S. Department of Commerce. Hours were revised for the business and nonfarm business sectors for 2010 forward to include revised NIPA data on government enterprises and to incorporate revised NIPA data on the proportion of sector compensation paid to employees of nonprofit institutions.

Table B presents revised and previous productivity and related measures for the nonfarm business, business, and manufacturing sectors for the first quarter of 2014 and table C presents annual data for nonfarm business and total manufacturing from 2011 to 2013. Revised quarterly and annual series for recent years appear in tables 1-6 for all sectors and annual indexes for all years appear in appendix tables 1-3 for business, nonfarm business, and nonfinancial corporate sectors. Full historical annual and quarterly measures can be found on the productivity and costs home page: [www.bls.gov/lpc/#data](http://www.bls.gov/lpc/#data).

In the **first quarter of 2014**, nonfarm business productivity decreased 4.5 percent—rather than falling 3.2 percent as reported June 4—reflecting a downward revision to output which was larger than a small downward revision to hours. This decline in productivity was the largest since the fourth quarter of 1981, when productivity decreased 4.7 percent. Unit labor costs rose 11.8 percent in the first quarter of 2014—more than double the previously reported rate—due to both the downward revision to productivity and an upward revision to hourly compensation. Real hourly compensation increased 4.8 percent after revision, rather than the previous estimate of 0.4 percent. In the manufacturing sector, productivity growth in the first quarter was 3.2 percent, as output growth was revised down and hours were not revised. Unit labor costs increased 5.0 percent, rather than falling 0.4 percent as previously reported, due to both the downward revision to productivity and an upward revision to hourly compensation.

**Annual Average** productivity growth for 2013 in the **nonfarm business sector** was revised up to 0.9 percent from a previous estimate of 0.5 percent due to an upward revision to output. (See table C). Unit labor costs increased 0.2 percent, less than the 1.1 percent gain reported June 4. Productivity was revised down in both 2012 and 2011, to increases of 1.0 percent and 0.1 percent in those years, respectively. Growth in unit labor costs was revised up from 1.2 percent to 1.7 percent in 2012, and from 2.0 percent to 2.1 percent in 2011.

In the **manufacturing sector**, annual average productivity growth was not revised. Unit labor costs declined 1.6 percent in 2013, rather than 1.3 percent as previously reported. In 2012, unit labor costs fell 0.2 percent after revision, and in 2011 increased 0.8 percent rather than the previous estimate of 0.4 percent.

**Nonfinancial corporate sector** output and related measures were subject to revision for the entire series going back to 1947, and hourly compensation and related measures were revised back to 2010. First-quarter 2014 productivity growth was revised up to a decline of 0.9 percent; the revision was due solely to an upward revision to output. Annual average productivity in 2013 and 2012 grew more than previously reported—reflecting upward revisions to output in both years, and in 2011 a downward revision to productivity was due to a downward revision to output. (See tables D and 6.)

---

**The revised Productivity and Costs news release for second-quarter 2014 is scheduled to be released on Thursday, September 4, 2014 at 8:30 a.m. (EDT).**

**Table A. Preliminary second-quarter 2014 measures: percent change from previous quarter at annual rate (Q to Q) and from same quarter a year ago (Y to Y)**

Sector	Nonfarm Business		Business		Manufacturing		Durable Manufacturing		Nondurable Manufacturing	
	Q to Q	Y to Y	Q to Q	Y to Y	Q to Q	Y to Y	Q to Q	Y to Y	Q to Q	Y to Y
Productivity	<b>2.5</b>	1.2	<b>2.0</b>	0.8	<b>3.6</b>	2.1	<b>2.9</b>	2.7	<b>5.9</b>	2.0
Output	<b>5.2</b>	3.2	<b>4.9</b>	3.0	<b>7.0</b>	3.7	<b>8.8</b>	5.2	<b>5.0</b>	2.1
Hours	<b>2.7</b>	2.0	<b>2.8</b>	2.1	<b>3.2</b>	1.5	<b>5.7</b>	2.4	<b>-0.9</b>	0.0
Hourly compensation	<b>3.1</b>	3.1	<b>3.0</b>	3.0	<b>2.2</b>	2.9	<b>1.5</b>	2.4	<b>3.1</b>	3.8
Real hourly compensation	<b>0.1</b>	1.0	<b>0.0</b>	0.9	<b>-0.8</b>	0.9	<b>-1.4</b>	0.3	<b>0.1</b>	1.7
Unit labor costs	<b>0.6</b>	1.9	<b>1.0</b>	2.1	<b>-1.3</b>	0.8	<b>-1.3</b>	-0.3	<b>-2.7</b>	1.7

**Table B. Revised and previous measures: first quarter 2014**

Sector	Nonfarm Business		Business		Manufacturing		Durable Manufacturing		Nondurable Manufacturing	
	Revised	Previous	Revised	Previous	Revised	Previous	Revised	Previous	Revised	Previous
Percent change, annual rate, first quarter 2014										
Productivity	<b>-4.5</b>	-3.2	<b>-5.0</b>	-3.5	<b>3.2</b>	3.8	<b>3.4</b>	4.1	<b>2.8</b>	3.3
Output	<b>-2.4</b>	-1.1	<b>-3.3</b>	-1.7	<b>1.5</b>	2.2	<b>1.7</b>	2.3	<b>1.4</b>	2.1
Hours	<b>2.1</b>	2.2	<b>1.8</b>	1.8	<b>-1.6</b>	-1.6	<b>-1.6</b>	-1.7	<b>-1.4</b>	-1.2
Hourly compensation	<b>6.8</b>	2.3	<b>7.1</b>	2.6	<b>8.3</b>	3.4	<b>8.9</b>	2.5	<b>7.0</b>	5.0
Real hourly compensation	<b>4.8</b>	0.4	<b>5.1</b>	0.7	<b>6.2</b>	1.5	<b>6.9</b>	0.6	<b>5.0</b>	3.1
Unit labor costs	<b>11.8</b>	5.7	<b>12.7</b>	6.3	<b>5.0</b>	-0.4	<b>5.4</b>	-1.5	<b>4.1</b>	1.7

**Table C. Revised and previous annual average measures: 2011-2013**

Sector	Nonfarm Business						Manufacturing					
	2013		2012		2011		2013		2012		2011	
	Revised	Previous	Revised	Previous	Revised	Previous	Revised	Previous	Revised	Previous	Revised	Previous
Percent change												
Productivity	<b>0.9</b>	0.5	<b>1.0</b>	1.5	<b>0.1</b>	0.5	<b>2.3</b>	2.3	<b>1.9</b>	1.9	<b>1.0</b>	1.0
Output	<b>2.6</b>	2.2	<b>3.2</b>	3.7	<b>2.2</b>	2.5	<b>2.9</b>	2.9	<b>4.3</b>	4.3	<b>3.1</b>	3.1
Hours	<b>1.7</b>	1.7	<b>2.2</b>	2.2	<b>2.1</b>	2.0	<b>0.7</b>	0.7	<b>2.3</b>	2.3	<b>2.1</b>	2.1
Hourly compensation	<b>1.1</b>	1.6	<b>2.7</b>	2.6	<b>2.2</b>	2.5	<b>0.6</b>	0.9	<b>1.7</b>	1.9	<b>1.7</b>	1.3
Real hourly compensation	<b>-0.3</b>	0.1	<b>0.6</b>	0.5	<b>-0.9</b>	-0.7	<b>-0.8</b>	-0.5	<b>-0.3</b>	-0.2	<b>-1.4</b>	-1.8
Unit labor costs	<b>0.2</b>	1.1	<b>1.7</b>	1.2	<b>2.1</b>	2.0	<b>-1.6</b>	-1.3	<b>-0.2</b>	0.0	<b>0.8</b>	0.4

**Table D. Nonfinancial corporations: revised and previous first-quarter 2014 measures, and revised annual measures 2011-2013**

	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs	Unit profits	Implicit price deflator
Percent change, annual rate, first quarter 2014								
<b>Revised</b>	-0.9	0.9	1.8	6.8	4.8	7.8	-27.0	0.5
Previous	-3.9	-2.2	1.8	2.1	0.2	6.3	-27.2	0.3
Percent change, annual average								
2013	0.3	2.3	2.0	1.4	-0.1	1.1	1.4	0.9
2012	1.9	4.3	2.3	2.9	0.8	0.9	7.9	1.4
2011	-0.2	2.5	2.8	2.1	-1.0	2.4	3.1	2.3

## TECHNICAL NOTES

**Labor Hours:** Hours data for the labor productivity and cost measures include hours 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. The CES also provides average weekly paid hours of production and nonsupervisory workers in these establishments. Weekly paid hours are adjusted to hours at work using data from the National Compensation Survey (NCS). The BLS Hours at Work survey, conducted for this purpose, was used for earlier years. 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 for farm labor, nonfarm proprietors, and nonfarm unpaid family workers. Estimates of labor input 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.

The CES measures jobs, counting a person who is employed by two or more establishments at each place of employment. In contrast, the CPS features measures of employment that count each person only once and classify each person according to his or her primary job; hours worked at all jobs by that person accrue to his or her primary job. However, the CPS also collects more detailed information on employment and hours worked at primary jobs and all other jobs, separately. The BLS productivity measures use the more detailed information on employment and hours to assign all hours worked to the correct industrial sector and avoid duplicating hours data from the CES.

**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 inputs. Business output accounted for about 76 percent of the value of GDP in 2013. Nonfarm business, which excludes farming, accounted for about 74 percent of GDP in 2013.

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 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 index 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. Durables include the following 3-digit NAICS industries: wood product manufacturing; nonmetallic mineral product manufacturing; primary metal manufacturing; fabricated metal product manufacturing; machinery manufacturing; computer and electronic product manufacturing; electrical equipment and appliance manufacturing; transportation equipment manufacturing; furniture and related product manufacturing; and miscellaneous manufacturing. Nondurables include: food manufacturing; beverage and tobacco product manufacturing; textile mills; textile product mills; apparel manufacturing; leather and allied product manufacturing; paper manufacturing; printing and related support activities; petroleum and coal products manufacturing; chemical manufacturing; and plastics and rubber products manufacturing.

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 49 percent of the value of GDP in 2013.

**Productivity:** These productivity measures describe the relationship between real output and the labor time involved in its production. They show the changes from period to period in the amount of goods and services produced per hour. Although these measures relate output to hours at work of all persons engaged in a sector, they do not measure the specific contribution of labor, capital, or any other factor of production. Rather, 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 domestic employees 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:** The measures of unit labor costs in this release describe the relationship between compensation per hour and 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. These index numbers are available at the BLS web site, [www.bls.gov/data/home.htm](http://www.bls.gov/data/home.htm), or by contacting the BLS Division of Major Sector Productivity. (Telephone 202-691-5606 or email [DPRWEB@BLS.GOV](mailto:DPRWEB@BLS.GOV))

Information in this release will be made available to sensory-impaired individuals upon request. Voice phone: 202-691-5606; Federal Relay Service number: 1-800-877-8339.

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

Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)
Percent change from previous quarter at annual rate(5)								
2014 II	2.0	4.9	2.8	3.0	0.0	1.0	3.6	2.1
I	-5.0 r	-3.3 r	1.8	7.1 r	5.1 r	12.7 r	-11.8 r	1.3
2013 ANNUAL	1.2 r	2.7 r	1.5	1.4 r	-0.1 r	0.2 r	3.1 r	1.4 r
2013 IV	3.1 r	4.6 r	1.5	1.7 r	0.5 r	-1.4 r	4.0 r	1.0 r
III	3.5 r	5.9 r	2.4 r	0.3 r	-1.7 r	-3.1 r	7.9 r	1.6 r
II	0.7 r	2.1 r	1.4	3.8 r	3.4	3.1 r	-1.7	1.0 r
I	2.1 r	3.2 r	1.1	-5.6 r	-6.7 r	-7.6 r	14.6 r	1.4 r
2012 ANNUAL	0.9 r	3.1 r	2.2	2.8 r	0.7 r	1.9 r	1.7 r	1.8
2012 IV	-2.0 r	-0.1 r	1.9	10.8 r	8.1 r	13.0 r	-12.3 r	1.3 r
III	1.3 r	3.1 r	1.8	0.0 r	-1.6 r	-1.3	6.5 r	2.0 r
II	1.8 r	2.3 r	0.4	0.8 r	-0.5 r	-1.0 r	6.5 r	2.2 r
I	-0.1 r	3.1 r	3.3	11.6 r	9.2 r	11.7 r	-10.0 r	1.7 r
Percent change from corresponding quarter of previous year								
2014 II	0.8	3.0	2.1	3.0	0.9	2.1	0.6	1.5
I	0.5 r	2.3 r	1.7	3.2 r	1.8 r	2.7 r	-0.7 r	1.2
2013 ANNUAL	1.2 r	2.7 r	1.5	1.4 r	-0.1 r	0.2 r	3.1 r	1.4 r
2013 IV	2.4 r	4.0 r	1.6	0.0 r	-1.2 r	-2.3 r	6.0 r	1.2 r
III	1.1 r	2.8 r	1.7	2.1 r	0.6 r	1.1 r	1.6 r	1.3 r
II	0.5 r	2.1	1.5	2.1 r	0.6 r	1.5 r	1.3 r	1.4 r
I	0.8 r	2.1 r	1.3	1.3 r	-0.3 r	0.5 r	3.3 r	1.7 r
2012 ANNUAL	0.9 r	3.1 r	2.2	2.8 r	0.7 r	1.9 r	1.7 r	1.8
2012 IV	0.3 r	2.1 r	1.8 r	5.7 r	3.7 r	5.4 r	-2.7 r	1.8
III	1.6 r	3.6 r	2.0 r	1.8 r	0.1 r	0.2 r	3.6 r	1.7
II	1.0 r	3.1 r	2.1	2.3 r	0.4 r	1.3 r	2.6 r	1.8
I	0.8 r	3.5 r	2.7	1.6 r	-1.2 r	0.8 r	3.8 r	2.1 r
Indexes 2009=100								
2014 II	105.8	113.9	107.6	111.8	101.2	105.7	111.5	108.1
I	105.3 r	112.5 r	106.9 r	111.0 r	101.2 r	105.4 r	110.5 r	107.5 r
2013 ANNUAL	105.5 r	111.6 r	105.7 r	108.5 r	99.9 r	102.8 r	112.2 r	106.7 r
2013 IV	106.6 r	113.5 r	106.4 r	109.1 r	99.9 r	102.3 r	114.0 r	107.2 r
III	105.8 r	112.2 r	106.0 r	108.6 r	99.8 r	102.7 r	112.9 r	106.9 r
II	104.9 r	110.6 r	105.4 r	108.6 r	100.3 r	103.5 r	110.7 r	106.5 r
I	104.7 r	110.0 r	105.1 r	107.5 r	99.4 r	102.7 r	111.2 r	106.3 r
2012 ANNUAL	104.3 r	108.6 r	104.2 r	107.0 r	99.9 r	102.6 r	108.9 r	105.2 r
2012 IV	104.2 r	109.1 r	104.8 r	109.1 r	101.2 r	104.7 r	107.5 r	105.9 r
III	104.7 r	109.2 r	104.3 r	106.4 r	99.2 r	101.6 r	111.1 r	105.6 r
II	104.3 r	108.3 r	103.8 r	106.3 r	99.6 r	101.9 r	109.3 r	105.0 r
I	103.9 r	107.7 r	103.7 r	106.1 r	99.8 r	102.2 r	107.6 r	104.5 r

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics



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

Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)
-----								
Percent change from previous quarter at annual rate(5)								
2014 II	2.5	5.2	2.7	3.1	0.1	0.6	3.5	1.8
I	-4.5 r	-2.4 r	2.1 r	6.8 r	4.8 r	11.8 r	-12.0 r	0.8 r
2013 ANNUAL	0.9 r	2.6 r	1.7	1.1 r	-0.3 r	0.2 r	2.9 r	1.4 r
2013 IV	3.3 r	4.7 r	1.4	1.9 r	0.7 r	-1.3 r	5.0 r	1.4
III	3.6 r	5.6 r	1.9	0.7 r	-1.4 r	-2.9 r	8.5	1.9 r
II	0.5 r	2.0 r	1.5	3.7 r	3.2 r	3.2 r	-0.7	1.5 r
I	0.8 r	2.4 r	1.6	-6.3 r	-7.4 r	-7.0 r	12.7 r	0.9 r
2012 ANNUAL	1.0 r	3.2 r	2.2	2.7 r	0.6 r	1.7 r	2.0 r	1.8
2012 IV	-2.0 r	0.1 r	2.2	10.4 r	7.8 r	12.7 r	-12.8 r	1.0 r
III	1.7 r	3.7 r	2.0	-0.2 r	-1.8 r	-1.8	6.7 r	1.8 r
II	1.8 r	2.3 r	0.5	0.7 r	-0.7 r	-1.2 r	7.0 r	2.3 r
I	0.2 r	3.3 r	3.2	11.6 r	9.3 r	11.4 r	-9.9 r	1.6 r
-----								
Percent change from corresponding quarter of previous year								
2014 II	1.2	3.2	2.0	3.1	1.0	1.9	0.9	1.5
I	0.7 r	2.4 r	1.7	3.3 r	1.8 r	2.6 r	-0.1 r	1.4
2013 ANNUAL	0.9 r	2.6 r	1.7	1.1 r	-0.3 r	0.2 r	2.9 r	1.4 r
2013 IV	2.0 r	3.7 r	1.6	-0.1 r	-1.3 r	-2.1 r	6.2 r	1.4 r
III	0.7 r	2.5 r	1.8	1.9 r	0.4 r	1.2 r	1.4 r	1.3 r
II	0.2 r	2.0 r	1.8	1.7 r	0.3 r	1.5 r	1.0 r	1.3 r
I	0.6 r	2.1 r	1.5 r	1.0 r	-0.7 r	0.4 r	2.9 r	1.5
2012 ANNUAL	1.0 r	3.2 r	2.2	2.7 r	0.6 r	1.7 r	2.0 r	1.8
2012 IV	0.4 r	2.3 r	1.9 r	5.5 r	3.5 r	5.1 r	-2.7 r	1.6 r
III	1.7 r	3.8 r	2.0 r	1.6	0.0	-0.1 r	4.1 r	1.7
II	1.1 r	3.1 r	2.0 r	2.3 r	0.4 r	1.2 r	2.8 r	1.9
I	0.9 r	3.7 r	2.7	1.5 r	-1.2 r	0.6 r	4.0 r	2.0 r
-----								
Indexes 2009=100								
2014 II	106.0	114.3	107.8	111.7	101.1	105.3	110.4	107.4
I	105.4 r	112.9 r	107.1 r	110.8 r	101.0 r	105.2 r	109.4 r	106.9 r
2013 ANNUAL	105.4 r	111.7 r	105.9 r	108.3 r	99.7 r	102.7 r	110.9 r	106.1 r
2013 IV	106.6 r	113.5 r	106.5 r	109.0 r	99.9 r	102.3 r	113.0 r	106.7 r
III	105.7 r	112.2 r	106.2 r	108.5 r	99.7 r	102.6 r	111.6 r	106.4 r
II	104.8 r	110.7 r	105.7 r	108.3 r	100.0 r	103.4 r	109.4 r	105.9 r
I	104.7 r	110.2 r	105.3 r	107.3 r	99.2 r	102.5 r	109.6 r	105.5 r
2012 ANNUAL	104.5 r	108.9 r	104.2 r	107.1 r	100.0 r	102.4 r	107.8 r	104.7 r
2012 IV	104.4 r	109.5 r	104.9 r	109.1 r	101.1 r	104.4 r	106.3 r	105.2 r
III	105.0 r	109.5 r	104.3 r	106.4 r	99.3 r	101.4 r	110.0 r	105.0 r
II	104.5 r	108.5 r	103.8 r	106.5 r	99.7 r	101.8 r	108.3 r	104.5 r
I	104.1 r	107.9 r	103.7 r	106.3 r	99.9 r	102.1 r	106.5 r	103.9 r
-----								

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics

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

Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs
-----						
Percent change from previous quarter at annual rate(5)						
2014 II	3.6	7.0	3.2	2.2	-0.8	-1.3
I	3.2 r	1.5 r	-1.6	8.3 r	6.2 r	5.0 r
2013 ANNUAL	2.3	2.9	0.7	0.6 r	-0.8 r	-1.6 r
2013 IV	1.3	4.7	3.4	0.8 r	-0.4 r	-0.5 r
III	0.5	1.7	1.1	0.6 r	-1.4 r	0.0 r
II	3.7	1.5	-2.2	2.9	2.4	-0.9 r
I	3.1	4.8	1.7	-2.3 r	-3.4 r	-5.2 r
2012 ANNUAL	1.9	4.3	2.3	1.7 r	-0.3 r	-0.2 r
2012 IV	2.3	2.7	0.4	4.3 r	1.8 r	2.0 r
III	0.8	1.9	1.1	-2.1 r	-3.7 r	-2.8 r
II	2.1	3.4	1.3	0.4 r	-1.0 r	-1.7 r
I	4.2	7.5	3.1	10.7 r	8.4 r	6.2 r
-----						
Percent change from corresponding quarter of previous year						
2014 II	2.1	3.7	1.5	2.9	0.9	0.8
I	2.2 r	2.4 r	0.2	3.1 r	1.7 r	0.9 r
2013 ANNUAL	2.3	2.9	0.7	0.6 r	-0.8 r	-1.6 r
2013 IV	2.1	3.2	1.0	0.5 r	-0.7 r	-1.7 r
III	2.4	2.7	0.3	1.3 r	-0.2 r	-1.0 r
II	2.5	2.7	0.3	0.7 r	-0.8 r	-1.8 r
I	2.0	3.2	1.1	0.0 r	-1.6 r	-2.0 r
2012 ANNUAL	1.9	4.3	2.3	1.7 r	-0.3 r	-0.2 r
2012 IV	2.3	3.9	1.5	3.2	1.3	0.9
III	1.6	4.2	2.6	0.9 r	-0.7	-0.7 r
II	2.6	5.0	2.4	1.8 r	-0.1 r	-0.8 r
I	1.2	4.0	2.8	1.0 r	-1.7 r	-0.2 r
-----						
Indexes 2009=100						
2014 II	114.4	121.4	106.2	108.6	98.3	95.0
I	113.4 r	119.4 r	105.3	108.0 r	98.5 r	95.3 r
2013 ANNUAL	111.9	117.6	105.1	105.5 r	97.1 r	94.3 r
2013 IV	112.5 r	118.9 r	105.8	105.9 r	97.0 r	94.1 r
III	112.1	117.6	104.9	105.7 r	97.1 r	94.3 r
II	112.0	117.1	104.6	105.5 r	97.5 r	94.3 r
I	110.9	116.7	105.2	104.8 r	96.9 r	94.5 r
2012 ANNUAL	109.4	114.2	104.4	104.8 r	97.9 r	95.8 r
2012 IV	110.1	115.3	104.7	105.4 r	97.7 r	95.7 r
III	109.5	114.5	104.6	104.3 r	97.3 r	95.3 r
II	109.3	114.0	104.3	104.8 r	98.2 r	95.9 r
I	108.7	113.0	104.0	104.7 r	98.5 r	96.3 r
-----						

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics

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

Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs
Percent change from previous quarter at annual rate(5)						
2014 II	2.9	8.8	5.7	1.5	-1.4	-1.3
I	3.4 r	1.7 r	-1.6 r	8.9 r	6.9 r	5.4 r
2013 ANNUAL	3.4	4.4	1.0	0.1 r	-1.4 r	-3.2 r
2013 IV	2.6	6.9	4.2	-1.7 r	-2.9 r	-4.2 r
III	2.0	3.6	1.6	1.0 r	-1.0 r	-0.9 r
II	5.2	2.9	-2.1	2.6 r	2.1 r	-2.5 r
I	3.4	6.4	2.9	-3.4 r	-4.5 r	-6.5 r
2012 ANNUAL	4.1	7.2	2.9	1.3 r	-0.7 r	-2.7 r
2012 IV	3.7	4.1	0.3	5.1 r	2.6 r	1.3 r
III	1.4	2.0	0.6	-3.4	-5.0 r	-4.8 r
II	4.7	6.7	1.9	-1.0 r	-2.4 r	-5.5 r
I	8.8	12.2	3.1	11.9 r	9.6 r	2.8 r
Percent change from corresponding quarter of previous year						
2014 II	2.7	5.2	2.4	2.4	0.3	-0.3
I	3.3 r	3.8 r	0.5 r	2.6 r	1.2 r	-0.6 r
2013 ANNUAL	3.4	4.4	1.0	0.1 r	-1.4 r	-3.2 r
2013 IV	3.3	4.9	1.6	-0.4 r	-1.6 r	-3.5 r
III	3.6	4.2	0.6	1.3 r	-0.2 r	-2.2 r
II	3.4	3.8	0.4	0.1 r	-1.3 r	-3.2 r
I	3.3	4.8	1.4	-0.7 r	-2.4 r	-3.9 r
2012 ANNUAL	4.1	7.2	2.9	1.3 r	-0.7 r	-2.7 r
2012 IV	4.6	6.2	1.5	3.0	1.0	-1.6
III	3.8	7.1	3.2	0.2 r	-1.5 r	-3.5 r
II	5.3	8.7	3.2	1.6 r	-0.3 r	-3.6 r
I	2.8	6.9	4.0	0.7 r	-2.1 r	-2.1 r
Indexes 2009=100						
2014 II	124.7	136.8	109.7	107.3	97.1	86.0
I	123.8 r	133.9 r	108.2 r	106.9 r	97.4 r	86.3 r
2013 ANNUAL	121.6	130.9	107.7	104.7 r	96.4 r	86.1 r
2013 IV	122.8 r	133.4 r	108.6	104.6 r	95.8 r	85.2 r
III	122.0	131.2	107.5	105.1 r	96.5 r	86.1 r
II	121.4	130.0	107.1	104.8 r	96.8 r	86.3 r
I	119.9	129.1	107.7	104.1 r	96.3 r	86.8 r
2012 ANNUAL	117.6	125.4	106.6	104.6 r	97.7 r	89.0 r
2012 IV	118.9	127.1	106.9	105.0 r	97.4 r	88.3 r
III	117.8	125.9	106.8	103.7 r	96.8 r	88.0 r
II	117.4	125.2	106.6	104.6 r	98.0 r	89.1 r
I	116.1	123.2	106.2	104.9 r	98.6 r	90.4 r

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics

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

Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs
-----						
Percent change from previous quarter at annual rate(5)						
2014 II	5.9	5.0	-0.9	3.1	0.1	-2.7
I	2.8 r	1.4 r	-1.4 r	7.0 r	5.0 r	4.1 r
2013 ANNUAL	1.2	1.3	0.1	1.6 r	0.2 r	0.4 r
2013 IV	0.3	2.3	2.0	5.7 r	4.4 r	5.3 r
III	-0.8	-0.4	0.4	-0.4 r	-2.4 r	0.4
II	2.2	-0.1	-2.3	3.4 r	2.9 r	1.2 r
I	3.4	3.1	-0.3	-0.5 r	-1.6 r	-3.8 r
2012 ANNUAL	0.0	1.2	1.3	2.4	0.3	2.4
2012 IV	0.6	1.2	0.7	2.9 r	0.4 r	2.3 r
III	-0.2	1.7	1.9	0.8 r	-0.9 r	1.0 r
II	-0.6	-0.2	0.4	3.0 r	1.6 r	3.6 r
I	-0.6	2.6	3.2	8.3	6.1 r	9.0
-----						
Percent change from corresponding quarter of previous year						
2014 II	2.0	2.1	0.0	3.8	1.7	1.7
I	1.1 r	0.8 r	-0.3	3.9 r	2.4 r	2.7 r
2013 ANNUAL	1.2	1.3	0.1	1.6 r	0.2 r	0.4 r
2013 IV	1.3	1.2	-0.1	2.0 r	0.8 r	0.7 r
III	1.3	0.9	-0.4	1.3 r	-0.2 r	0.0 r
II	1.5	1.5	0.0	1.6 r	0.2	0.2
I	0.8	1.4	0.7	1.5 r	-0.1 r	0.7 r
2012 ANNUAL	0.0	1.2	1.3	2.4	0.3	2.4
2012 IV	-0.2	1.3	1.5	3.7	1.8	3.9
III	-0.4	1.1	1.5	2.2 r	0.5 r	2.6 r
II	0.2	1.3	1.1	2.0 r	0.1 r	1.9 r
I	0.5	1.3	0.8	1.5 r	-1.3 r	1.0 r
-----						
Indexes 2009=100						
2014 II	107.9	108.5	100.6	110.4	99.9	102.4
I	106.3 r	107.2 r	100.8 r	109.6 r	99.9 r	103.1 r
2013 ANNUAL	105.5 r	106.4 r	100.9	106.5 r	98.0 r	100.9 r
2013 IV	105.6 r	106.8 r	101.2	107.7 r	98.7 r	102.1 r
III	105.5	106.2	100.7	106.3 r	97.7 r	100.7 r
II	105.7	106.3	100.6	106.4 r	98.3 r	100.6 r
I	105.1	106.3	101.1	105.5 r	97.5 r	100.3 r
2012 ANNUAL	104.2	105.1	100.8	104.8 r	97.9 r	100.5 r
2012 IV	104.3	105.5	101.2	105.6 r	98.0 r	101.3 r
III	104.1	105.2	101.1	104.9 r	97.9 r	100.7 r
II	104.2	104.8	100.6	104.7 r	98.1 r	100.5 r
I	104.3	104.8	100.5	103.9 r	97.7 r	99.6 r
-----						

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics

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

Year and quarter	Output per all-employee hour	Output	Employee hours	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit non-labor costs (6)	Total unit cost (7)	Unit profits (8)	Implicit price deflator (4)
-----										
Percent change from previous quarter at annual rate(5)										
2014 I	-0.9 r	0.9 r	1.8	6.8 r	4.8 r	7.8 r	2.2 r	5.9 r	-27.0 r	0.5 r
2013 ANNUAL	0.3 r	2.3 r	2.0	1.4 r	-0.1 r	1.1 r	0.1 r	0.8 r	1.4 r	0.9 r
2013 IV	0.1 r	2.2 r	2.1	0.8 r	-0.4 r	0.8 r	0.7 r	0.7 r	-3.9 r	0.0 r
III	-2.0 r	0.4 r	2.4	-0.5 r	-2.5 r	1.6 r	2.3 r	1.8 r	-2.7 r	1.1 r
II	2.9 r	4.5 r	1.6	2.2 r	1.7 r	-0.6 r	-2.6 r	-1.3 r	8.5 r	0.1 r
I	-1.4 r	1.6 r	3.1	-1.8 r	-2.9 r	-0.4 r	2.7 r	0.6 r	-1.9 r	0.2 r
2012 ANNUAL	1.9 r	4.3 r	2.3	2.9 r	0.8 r	0.9 r	-0.7 r	0.4 r	7.9 r	1.4
2012 IV	4.0 r	5.6 r	1.5	7.9	5.3	3.7 r	-3.3 r	1.4 r	4.5 r	1.8
III	-3.6 r	-2.2 r	1.5	-0.2 r	-1.9 r	3.6 r	2.3 r	3.1 r	-5.7 r	1.8
II	1.6 r	2.4 r	0.8	0.3 r	-1.1 r	-1.3 r	-0.2 r	-0.9 r	15.5 r	1.3
I	6.1 r	9.6 r	3.3	13.5 r	11.1 r	6.9 r	-2.6 r	3.6 r	-1.4 r	2.9
-----										
Percent change from corresponding quarter of previous year										
2014 I	0.0 r	2.0 r	2.0	2.3 r	0.9 r	2.3 r	0.6 r	1.8 r	-7.2 r	0.4 r
2013 ANNUAL	0.3 r	2.3 r	2.0	1.4 r	-0.1 r	1.1 r	0.1 r	0.8 r	1.4 r	0.9 r
2013 IV	-0.1 r	2.2 r	2.3	0.2 r	-1.0 r	0.3 r	0.7 r	0.5	-0.1 r	0.4 r
III	0.8 r	3.0 r	2.1	1.9 r	0.4 r	1.0 r	-0.3 r	0.6	2.0 r	0.8 r
II	0.4 r	2.3 r	1.9	2.0 r	0.5 r	1.5 r	-0.3 r	0.9	1.2 r	1.0 r
I	0.1 r	1.8 r	1.7	1.5 r	-0.2 r	1.4 r	0.4 r	1.0 r	2.8 r	1.3 r
2012 ANNUAL	1.9 r	4.3 r	2.3	2.9 r	0.8 r	0.9 r	-0.7 r	0.4 r	7.9 r	1.4
2012 IV	2.0 r	3.8 r	1.8	5.2 r	3.2	3.2	-1.0 r	1.8 r	2.9 r	2.0
III	1.8 r	3.8 r	2.0	2.1	0.5 r	0.3 r	-0.7 r	0.0 r	4.1 r	0.5
II	2.0 r	4.4 r	2.4	2.4 r	0.5 r	0.4 r	-0.5 r	0.1 r	8.8 r	1.3
I	2.0 r	5.3 r	3.2	1.7 r	-1.1 r	-0.4 r	-0.7 r	-0.5 r	17.3 r	1.7
-----										
Indexes 2009=100										
2014 I	107.1 r	116.6 r	108.8 r	110.1 r	100.4 r	102.8 r	98.8 r	101.4 r	134.5 r	104.9 r
2013 ANNUAL	107.5 r	115.5 r	107.5 r	108.1 r	99.5 r	100.6 r	98.0 r	99.7 r	146.4 r	104.6 r
2013 IV	107.4 r	116.3 r	108.3 r	108.3 r	99.3 r	100.9 r	98.2 r	100.0 r	145.5 r	104.8 r
III	107.4 r	115.7 r	107.8 r	108.1 r	99.3 r	100.7 r	98.1 r	99.8 r	147.0 r	104.8 r
II	107.9 r	115.6 r	107.1 r	108.2 r	100.0 r	100.3	97.5 r	99.4 r	148.0 r	104.5 r
I	107.2 r	114.3 r	106.7 r	107.7 r	99.5 r	100.5 r	98.2 r	99.7 r	145.0 r	104.4 r
2012 ANNUAL	107.1 r	112.9 r	105.4	106.6 r	99.6 r	99.5 r	97.9 r	99.0 r	144.3 r	103.7
2012 IV	107.5 r	113.9 r	105.9	108.2 r	100.3 r	100.6 r	97.5 r	99.6 r	145.7 r	104.4
III	106.5 r	112.3 r	105.5 r	106.1 r	99.0 r	99.7 r	98.3 r	99.2 r	144.1 r	103.9
II	107.5 r	113.0 r	105.1	106.2 r	99.5 r	98.8 r	97.8 r	98.4 r	146.2 r	103.4
I	107.1 r	112.3 r	104.9	106.1 r	99.7 r	99.1 r	97.8 r	98.7 r	141.1 r	103.1
-----										

See footnotes following Table 6.  
r=revised

August 8, 2014  
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 -1.7 and 1.5 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 first quarter of 2014.

### 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 1978-2013 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: Productivity, hourly compensation, unit labor costs, and prices.

Year	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)
Indexes 2009=100								
2013	105.5 r	111.6 r	105.7 r	108.5 r	99.9 r	102.8 r	112.2 r	106.7 r
2012	104.3 r	108.6 r	104.2 r	107.0 r	99.9 r	102.6 r	108.9 r	105.2 r
2011	103.3 r	105.3 r	101.9 r	104.0 r	99.2 r	100.7 r	107.0 r	103.3 r
2010	103.3 r	103.2 r	99.9	101.9 r	100.2 r	98.6 r	104.7 r	101.1 r
2009	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2008	96.8 r	104.2 r	107.7	99.0	98.6	102.2 r	96.3 r	99.8 r
2007	96.0 r	105.5 r	109.8	96.4	99.8	100.4 r	95.2 r	98.2 r
2006	94.6 r	103.3 r	109.1	92.3	98.2	97.6 r	93.9 r	96.0 r
2005	93.7 r	100.1 r	106.8	88.8	97.6	94.8 r	91.6 r	93.5 r
2004	91.8 r	96.5 r	105.1	85.8	97.4	93.4 r	86.8 r	90.7 r
2003	88.9 r	92.3 r	103.8	82.0	95.6	92.1 r	83.7 r	88.6 r
2002	85.6 r	89.5 r	104.5	79.0 r	94.1	92.2 r	80.7 r	87.4 r
2001	82.1 r	87.9 r	107.0	77.3	93.6	94.1 r	76.7 r	86.8 r
2000	79.9 r	87.3 r	109.3	73.9	92.0	92.4 r	75.3 r	85.3 r
1999	77.3 r	83.6 r	108.1	68.8	88.6	89.1 r	76.3 r	83.7 r
1998	74.7 r	79.2 r	106.0	65.9	86.6	88.3 r	75.9 r	83.1 r
1997	72.4 r	75.3 r	103.9	62.3	82.9	85.9 r	78.1 r	82.7 r
1996	71.1 r	71.5 r	100.6	60.1	81.8	84.5 r	77.3 r	81.5 r
1995	69.0 r	68.3 r	99.0	57.7	80.6	83.5 r	75.7 r	80.2 r
1994	68.8 r	66.2 r	96.3	56.6	80.9	82.2 r	74.2 r	78.9 r
1993	68.2 r	63.2 r	92.6	56.0	81.9	82.1 r	71.1 r	77.5 r
1992	68.1 r	61.4 r	90.1	55.2	82.7	81.0 r	68.4 r	75.7 r
1991	65.2 r	58.9 r	90.3	52.1	80.0	79.9 r	67.1 r	74.5 r
1990	64.1 r	59.3 r	92.5	49.7 r	79.1	77.6 r	65.4 r	72.5 r
1989	62.7 r	58.3 r	93.1	46.7	77.9	74.5 r	64.2 r	70.2 r
1988	62.0 r	56.2 r	90.7	45.3	78.9	73.1 r	60.2 r	67.7 r
1987	61.0 r	53.9 r	88.2	43.0	77.7	70.5 r	58.9 r	65.6 r
1986	60.7 r	52.0 r	85.7	41.4	77.4	68.3 r	58.9 r	64.3 r
1985	59.0 r	50.2 r	85.0	39.2	74.6	66.5 r	59.3 r	63.5 r
1984	57.7 r	48.0 r	83.1	37.3	73.4	64.7 r	57.7 r	61.7 r
1983	56.2 r	44.1 r	78.5	35.8	73.2	63.6 r	55.0 r	60.0 r
1982	54.2 r	41.8 r	77.1	34.2	73.0	63.1 r	50.9 r	58.0 r
1981	54.6 r	43.1 r	78.9	31.9	72.1	58.4 r	49.9 r	54.8 r
1980	53.4 r	41.9 r	78.4	29.1	72.2	54.5 r	44.2 r	50.2 r
1979	53.4 r	42.3 r	79.1	26.3	72.4	49.2 r	41.8 r	46.1 r
1978	53.4 r	40.8 r	76.5	24.0	72.3	44.9 r	39.2 r	42.5 r
1977	52.8 r	38.4 r	72.7	22.1	71.4 r	41.9 r	36.8 r	39.7 r
1976	51.9 r	36.3 r	70.1	20.5	70.4	39.5 r	34.8 r	37.5 r
1975	50.2 r	34.0 r	67.8	19.0	68.9 r	37.8 r	32.7 r	35.6 r
1974	48.5 r	34.4 r	70.9	17.1	68.0	35.3 r	28.6 r	32.5 r
1973	49.3 r	34.9 r	70.7	15.7	69.0	31.7 r	26.6 r	29.6 r
1972	47.9 r	32.7 r	68.1	14.5	67.9	30.3 r	25.1 r	28.1 r
1971	46.4 r	30.7 r	66.1	13.7	66.0	29.4 r	24.0 r	27.2 r
1970	44.6 r	29.5 r	66.3	12.9	65.0	28.9 r	22.2 r	26.1 r
1969	43.7 r	29.6 r	67.6	12.0	63.9	27.4 r	21.7 r	25.0 r
1968	43.5 r	28.7 r	65.9	11.2	63.0	25.7 r	21.4 r	23.9 r
1967	42.0 r	27.3 r	64.9	10.4	60.9	24.7 r	20.6 r	23.0 r
1966	41.1 r	26.7 r	65.1	9.8	59.4	23.9 r	20.3 r	22.4 r
1965	39.5 r	25.0 r	63.5	9.2	57.2	23.3 r	19.8 r	21.9 r
1964	38.1 r	23.4 r	61.4	8.9	56.0	23.3 r	19.1 r	21.5 r
1963	36.8 r	22.0 r	59.7	8.6	54.7	23.2 r	18.6 r	21.3 r
1962	35.5 r	21.0 r	59.3	8.3	53.5	23.3 r	18.2 r	21.2 r
1961	33.9 r	19.7 r	58.2	7.9	51.8 r	23.3 r	17.7 r	21.0 r
1960	32.7 r	19.3 r	59.1	7.6	50.3	23.3 r	17.4 r	20.8 r
1959	32.2 r	19.0 r	59.0	7.3	49.1	22.7 r	17.6 r	20.6 r
1958	31.0 r	17.6 r	56.6	7.0	47.6	22.6 r	17.2 r	20.4 r
1957	30.2 r	17.9 r	59.3	6.7	46.8	22.3 r	16.8 r	20.0 r
1956	29.2 r	17.6 r	60.2	6.3	45.4	21.6 r	16.3 r	19.4 r
1955	29.2 r	17.3 r	59.3	5.9	43.3	20.3 r	16.6 r	18.8 r
1954	28.0 r	16.0 r	57.1	5.8	42.0	20.7 r	15.6 r	18.5 r
1953	27.4 r	16.2 r	59.1	5.6	41.0	20.5 r	15.6 r	18.4 r
1952	26.4 r	15.4 r	58.4	5.3	38.9	20.0 r	16.0 r	18.3 r
1951	25.6 r	14.9 r	58.3	5.0	37.3	19.4 r	16.3 r	18.1 r
1950	24.8 r	14.0 r	56.4	4.5	36.7	18.2 r	14.8 r	16.8 r

1949	23.0 r	12.8 r	55.7	4.2	34.8	18.4 r	14.1 r	16.6 r
1948	22.5 r	12.9 r	57.5	4.2	33.9	18.6 r	14.3 r	16.8 r
1947	21.5 r	12.3 r	57.1	3.8	33.7	17.9 r	12.9 r	15.8 r

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics



Appendix table 2.

Nonfarm business sector: Productivity, hourly compensation, unit labor costs, and prices.

Year	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)
Indexes 2009=100								
2013	105.4 r	111.7 r	105.9 r	108.3 r	99.7 r	102.7 r	110.9 r	106.1 r
2012	104.5 r	108.9 r	104.2 r	107.1 r	100.0 r	102.4 r	107.8 r	104.7 r
2011	103.5 r	105.5 r	101.9 r	104.2 r	99.4 r	100.7 r	105.7 r	102.8 r
2010	103.3 r	103.2 r	99.9 r	102.0 r	100.3 r	98.7 r	104.2 r	101.0 r
2009	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2008	96.9 r	104.4 r	107.8	98.9	98.6	102.1 r	95.8 r	99.4 r
2007	96.2 r	105.8 r	110.0	96.3 r	99.6 r	100.1 r	94.9 r	97.9 r
2006	94.7 r	103.4 r	109.3	92.3	98.2	97.5 r	93.9 r	96.0 r
2005	93.8 r	100.2 r	106.9	88.8	97.6	94.7 r	91.5 r	93.4 r
2004	91.9 r	96.6 r	105.1	85.7 r	97.3	93.3 r	86.2 r	90.3 r
2003	89.1 r	92.5 r	103.7	82.0	95.6	92.0 r	83.5 r	88.5 r
2002	86.0 r	89.7 r	104.3	79.0	94.2 r	91.9 r	80.9 r	87.3 r
2001	82.4 r	88.1 r	106.9	77.3 r	93.6	93.8 r	76.6 r	86.6 r
2000	80.2 r	87.5 r	109.0	74.0	92.2 r	92.3 r	75.3 r	85.2 r
1999	77.7 r	83.8 r	107.9	68.9	88.7	88.8 r	76.3 r	83.6 r
1998	75.2 r	79.4 r	105.6	66.2	87.0	88.0 r	75.5 r	82.8 r
1997	73.0 r	75.4 r	103.3	62.5	83.3	85.7 r	77.5 r	82.3 r
1996	71.8 r	71.7 r	99.8	60.4	82.3	84.2 r	76.4 r	80.9 r
1995	69.9 r	68.6 r	98.1	58.1	81.1 r	83.0 r	75.3 r	79.8 r
1994	69.4 r	66.3 r	95.4	56.9 r	81.5 r	82.0 r	73.5 r	78.5 r
1993	68.8 r	63.3 r	92.1	56.2 r	82.2	81.8 r	70.4 r	77.0 r
1992	68.7 r	61.4 r	89.4	55.6 r	83.2	80.9 r	67.5 r	75.3 r
1991	65.9 r	59.0 r	89.6	52.4	80.5 r	79.6 r	66.3 r	74.1 r
1990	64.7 r	59.4 r	91.8	49.9	79.4	77.2 r	64.4 r	71.8 r
1989	63.4 r	58.5 r	92.2	47.0	78.5	74.1 r	63.1 r	69.5 r
1988	62.8 r	56.4 r	89.8	45.7	79.5	72.6 r	59.3 r	67.1 r
1987	61.8 r	54.0 r	87.2	43.4	78.5 r	70.2 r	57.9 r	65.1 r
1986	61.5 r	52.1 r	84.7	41.8	78.1	68.0 r	58.0 r	63.8 r
1985	59.7 r	50.2 r	84.0	39.6	75.2 r	66.3 r	58.3 r	62.9 r
1984	58.8 r	48.1 r	81.9	37.7	74.2	64.2 r	56.3 r	60.9 r
1983	57.5 r	44.4 r	77.2	36.2 r	74.0	62.9 r	54.2 r	59.2 r
1982	55.1 r	41.7 r	75.7	34.6 r	73.8	62.8 r	49.8 r	57.4 r
1981	55.7 r	43.1 r	77.4	32.3	73.0 r	58.0 r	48.4 r	54.0 r
1980	54.8 r	42.1 r	76.8	29.4	72.9	53.7 r	43.1 r	49.3 r
1979	54.8 r	42.5 r	77.5	26.6	73.1	48.5 r	40.2 r	45.0 r
1978	55.0 r	41.1 r	74.8	24.2	73.2	44.1 r	37.8 r	41.5 r
1977	54.2 r	38.6 r	71.1	22.3	72.1	41.2 r	35.8 r	38.9 r
1976	53.3 r	36.5 r	68.4	20.6	71.0	38.7 r	33.7 r	36.6 r
1975	51.6 r	34.1 r	66.0	19.2	69.7	37.2 r	31.3 r	34.7 r
1974	50.2 r	34.6 r	69.0	17.3	68.8	34.5 r	27.0 r	31.4 r
1973	51.0 r	35.2 r	68.9	15.8	69.8	31.0 r	24.8 r	28.4 r
1972	49.5 r	32.8 r	66.2	14.7	68.9 r	29.7 r	24.3 r	27.4 r
1971	47.9 r	30.7 r	64.1	13.8	66.8 r	28.9 r	23.5 r	26.6 r
1970	46.1 r	29.6 r	64.3	13.0	65.7	28.3 r	21.7 r	25.5 r
1969	45.4 r	29.7 r	65.3	12.2	64.9	26.8 r	21.1 r	24.4 r
1968	45.3 r	28.8 r	63.5	11.4	64.1	25.1 r	21.0 r	23.4 r
1967	43.8 r	27.3 r	62.4	10.6	62.1	24.2 r	20.2 r	22.5 r
1966	43.0 r	26.8 r	62.4	10.0	60.5	23.3 r	19.8 r	21.8 r
1965	41.5 r	25.0 r	60.3	9.5	58.7	22.8 r	19.4 r	21.4 r
1964	40.2 r	23.3 r	58.0	9.2	57.8	22.8 r	18.7 r	21.1 r
1963	39.1 r	21.9 r	56.0	8.9	56.7	22.7 r	18.2 r	20.8 r
1962	37.8 r	20.9 r	55.4	8.6 r	55.6	22.7 r	17.8 r	20.7 r
1961	36.1 r	19.6 r	54.2	8.2	54.0	22.8 r	17.2 r	20.5 r
1960	35.0 r	19.2 r	54.8	8.0	52.8	22.8 r	16.8 r	20.3 r
1959	34.6 r	18.8 r	54.4	7.7	51.5 r	22.1 r	17.2 r	20.1 r
1958	33.4 r	17.4 r	52.0	7.4	49.9	22.1 r	16.6 r	19.8 r
1957	32.7 r	17.7 r	54.3	7.1	49.4	21.7 r	16.4 r	19.5 r
1956	31.8 r	17.4 r	54.6	6.7	48.2 r	21.0 r	15.8 r	18.9 r
1955	32.0 r	17.1 r	53.3	6.3	46.1 r	19.7 r	16.2 r	18.2 r
1954	30.7 r	15.7 r	51.2	6.1	44.3	19.8 r	15.2 r	17.9 r
1953	30.1 r	16.0 r	53.0	5.9	43.3	19.6 r	15.2 r	17.8 r
1952	29.4 r	15.2 r	51.7	5.6	41.3	19.0 r	15.2 r	17.4 r
1951	28.8 r	14.8 r	51.2	5.3	39.9	18.4 r	15.2 r	17.1 r
1950	28.1 r	13.7 r	48.9	4.9	39.6 r	17.3 r	14.2 r	16.0 r

1949	26.4 r	12.5 r	47.3	4.6	37.8	17.5 r	13.6 r	15.8 r
1948	25.6 r	12.6 r	49.2	4.5 r	36.3	17.5 r	13.2 r	15.7 r
1947	24.9 r	12.1 r	48.5	4.1	36.1	16.5 r	12.2 r	14.7 r

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics

Appendix table 3.

Nonfinancial corporate sector: Productivity, hourly compensation, unit labor costs, unit profits, and prices.

Year	Output per all-employee hour	Output	Employee hours	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit non-labor costs (6)	Total unit cost (7)	Unit profits (8)	Implicit price deflator (4)
Indexes 2009=100										
2013	107.5 r	115.5 r	107.5 r	108.1 r	99.5 r	100.6 r	98.0 r	99.7 r	146.4 r	104.6 r
2012	107.1 r	112.9 r	105.4	106.6 r	99.6 r	99.5 r	97.9 r	99.0 r	144.3 r	103.7
2011	105.1 r	108.2 r	103.0 r	103.7 r	98.9 r	98.6 r	98.6 r	98.6 r	133.7 r	102.3
2010	105.3 r	105.5 r	100.2	101.5 r	99.9 r	96.4 r	96.8 r	96.5 r	129.7 r	100.0
2009	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2008	99.3 r	107.6 r	108.4	98.3	97.9	99.0 r	94.3 r	97.5 r	105.3 r	98.3 r
2007	98.9 r	109.0 r	110.2	95.5	98.8	96.6 r	88.6 r	93.9 r	116.8 r	96.3
2006	98.4 r	108.0 r	109.8	92.0	97.9	93.5 r	83.2 r	90.1 r	130.9 r	94.4
2005	96.6 r	104.0 r	107.7	89.3	98.1	92.5 r	81.1 r	88.7 r	116.7 r	91.6 r
2004	94.8 r	100.6 r	106.2	86.6	98.4	91.4 r	77.6 r	86.8 r	102.7 r	88.5
2003	91.6 r	96.3 r	105.2	83.6	97.5	91.3 r	78.1 r	86.9 r	84.4 r	86.6
2002	88.1 r	94.3 r	107.0	81.0	96.5	91.9 r	79.0 r	87.6 r	69.2 r	85.7
2001	84.7 r	93.5 r	110.3	79.5	96.3	93.8 r	78.4 r	88.7 r	56.9 r	85.3
2000	84.2 r	95.5 r	113.4	77.6	96.6	92.1 r	73.2 r	85.8 r	70.0 r	84.2 r
1999	80.8 r	90.5 r	112.0	72.3	93.1	89.4 r	70.7 r	83.2 r	84.1 r	83.2 r
1998	78.4 r	85.9 r	109.5	69.1	90.8	88.1 r	69.3 r	81.8 r	90.5 r	82.7
1997	75.8 r	81.2 r	107.1	65.3	87.1	86.2 r	69.1 r	80.5 r	101.7 r	82.7
1996	73.8 r	76.2 r	103.2	63.2	86.0	85.7 r	69.5 r	80.2 r	99.2 r	82.2
1995	70.9 r	71.9 r	101.4	60.9	85.1	85.8 r	70.3 r	80.6 r	92.5 r	81.9
1994	70.1 r	68.6 r	97.9	59.9	85.8	85.5 r	70.0 r	80.3 r	87.4 r	81.1
1993	68.9 r	64.7 r	93.9	59.2	86.5	85.9 r	69.7 r	80.5 r	73.1 r	79.7
1992	68.8 r	63.1 r	91.7	58.4	87.5	84.8 r	69.7 r	79.8 r	63.0 r	78.0 r
1991	67.1 r	61.2 r	91.3	55.5	85.2	82.7 r	71.1 r	78.8 r	60.8 r	76.9 r
1990	65.5 r	61.6 r	94.0	53.0	84.4	81.0 r	68.2 r	76.7 r	59.3 r	74.9 r
1989	64.8 r	60.7 r	93.6	50.5	84.4	78.0 r	65.2 r	73.7 r	62.9 r	72.6
1988	65.5 r	59.5 r	90.8	49.1	85.6	75.0 r	61.7 r	70.6 r	68.9 r	70.4
1987	63.7 r	56.1 r	88.1	46.8	84.6	73.5 r	60.6 r	69.2 r	64.4 r	68.7
1986	62.4 r	53.3 r	85.4	45.2	84.4	72.5 r	60.1 r	68.3 r	60.2 r	67.5 r
1985	61.0 r	51.9 r	85.1	42.8	81.4	70.2 r	57.1 r	65.8 r	72.7 r	66.5
1984	59.6 r	49.6 r	83.2	40.8	80.2	68.4 r	55.8 r	64.2 r	75.5 r	65.4 r
1983	58.3 r	45.6 r	78.2	39.1	80.0	67.1 r	56.1 r	63.4 r	64.4 r	63.5 r
1982	56.3 r	43.4 r	77.1	37.5	80.1	66.6 r	55.8 r	63.0 r	55.6 r	62.2
1981	56.1 r	44.4 r	79.2	35.2	79.7	62.8 r	50.3 r	58.6 r	59.6 r	58.7 r
1980	54.7 r	42.7 r	78.1	32.3	80.0	59.1 r	44.3 r	54.1 r	50.8 r	53.8
1979	54.8 r	43.1 r	78.6	29.3	80.7	53.5 r	37.7 r	48.2 r	56.2 r	49.1
1978	55.2 r	41.8 r	75.6	26.8	81.0	48.6 r	34.9 r	44.0 r	58.6 r	45.5
1977	54.5 r	39.2 r	71.9	24.6	79.5	45.1 r	33.4 r	41.2 r	55.1 r	42.7
1976	53.1 r	36.5 r	68.7	22.8	78.3	42.9 r	32.2 r	39.3	50.7 r	40.5 r
1975	51.4 r	33.8 r	65.7	21.2	77.1	41.2 r	32.5 r	38.3 r	43.0 r	38.8
1974	49.5 r	34.2 r	69.2	19.2	76.2	38.8 r	28.4 r	35.3 r	35.6 r	35.3
1973	50.5 r	34.8 r	68.9	17.6	77.4	34.8 r	24.7 r	31.5 r	39.0 r	32.2 r
1972	50.0 r	32.8 r	65.6	16.4	76.8	32.8 r	23.4 r	29.7 r	37.5 r	30.5
1971	49.0 r	30.5 r	62.2	15.6	75.3	31.8 r	23.4 r	29.0 r	34.4 r	29.6
1970	47.1 r	29.3 r	62.3	14.7	74.2	31.2 r	22.3 r	28.3 r	30.3 r	28.5
1969	46.8 r	29.6 r	63.2	13.8	73.5	29.5 r	19.8 r	26.2 r	36.9 r	27.3
1968	46.7 r	28.4 r	60.9	12.9	72.5	27.6 r	18.3 r	24.5 r	40.8 r	26.2
1967	45.1 r	26.7 r	59.2	12.0	70.4	26.7 r	17.2 r	23.5	40.7 r	25.3
1966	44.3 r	26.0 r	58.6	11.4	68.8	25.7 r	16.2 r	22.5 r	43.5 r	24.7
1965	43.4 r	24.2 r	55.7	10.8	67.0	24.8 r	16.1 r	21.9 r	43.5 r	24.2
1964	42.3 r	22.3 r	52.7	10.5	66.2	24.8 r	16.2 r	21.9 r	40.3 r	23.8
1963	41.7 r	20.8 r	50.0	10.3	65.8	24.7 r	16.2 r	21.8 r	39.0 r	23.6
1962	40.2 r	19.6 r	48.8	10.0	64.7	24.8 r	16.3 r	22.0	36.8 r	23.5 r
1961	38.5 r	18.1 r	47.0	9.6	62.8	24.9 r	16.5 r	22.1 r	34.2 r	23.4
1960	37.3 r	17.7 r	47.4	9.3	61.5	25.0 r	16.2 r	22.0 r	34.2 r	23.3 r
1959	36.6 r	17.1 r	46.7	9.0	60.2	24.4 r	15.8 r	21.5 r	37.1 r	23.2
1958	34.9 r	15.4 r	44.0	8.6	58.4	24.7 r	16.4 r	21.9	31.9 r	23.0
1957	34.2 r	16.0 r	46.7	8.3	57.8	24.3 r	15.0 r	21.2	35.2 r	22.6
1956	33.5 r	15.8 r	47.1	7.8	56.3	23.4 r	13.9 r	20.2	36.6 r	21.9
1955	33.3 r	15.2 r	45.8	7.4	53.8	22.1 r	13.0 r	19.1 r	39.1 r	21.2 r
1954	31.4 r	13.6 r	43.3	7.1	51.7	22.6 r	13.4 r	19.6	33.5 r	21.0
1953	30.1 r	13.7 r	45.7	6.9	50.3	22.8 r	13.1 r	19.6	34.4 r	21.1 r
1952	28.9 r	12.8 r	44.3	6.5	48.1	22.5 r	13.1 r	19.4	36.6 r	21.2
1951	28.2 r	12.3 r	43.6	6.2	46.3	21.8 r	12.6 r	18.7 r	40.7 r	21.0 r

1950	28.5 r	11.7 r	41.0	5.6	45.8	19.8 r	12.0 r	17.2	37.9 r	19.3 r
1949	26.5 r	10.3 r	38.9	5.3	43.8	20.1 r	12.5 r	17.6 r	33.5 r	19.2 r
1948	25.2 r	10.4 r	41.4	5.2	41.9	20.5 r	11.7 r	17.6 r	36.9 r	19.6 r
1947	23.6 r	9.7 r	41.0	4.7	41.2	19.9 r	11.1 r	17.0	30.8 r	18.4

See footnotes following Table 6.  
r=revised

August 8, 2014  
Source: Bureau of Labor Statistics