

NEWS RELEASE



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USDL-12-1588

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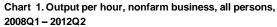
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PRODUCTIVITY AND COSTS

Second Quarter 2012, Preliminary

Nonfarm business sector labor productivity increased at a 1.6 percent annual rate during the second quarter of 2012, the U.S. Bureau of Labor Statistics reported today. The increase in productivity reflects increases of 2.0 percent in output and 0.4 percent in hours worked. (All quarterly percent changes in this release are seasonally adjusted annual rates.) From the second quarter of 2011 to the second quarter of 2012, productivity increased 1.1 percent as output and hours worked rose 2.9 percent and 1.8 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.



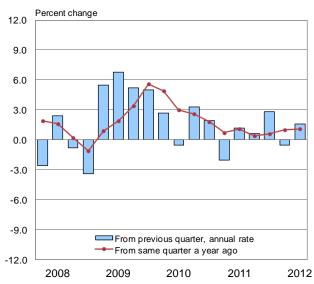
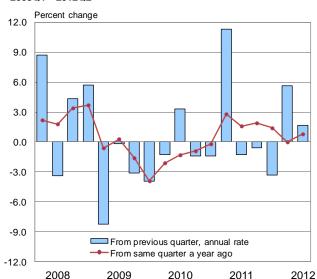


Chart 2. Unit labor costs, nonfarm business, all persons, 2008Q1 – 2012Q2



Unit labor costs in nonfarm businesses increased 1.7 percent in the second quarter of 2012, while hourly compensation increased 3.3 percent. Unit labor costs rose 0.8 percent over the last four quarters. (See chart 2 and table A.)

Data in this release reflect the regular multi-year 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 27, 2012. See Revised measures (page 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 rose 0.2 percent in the second quarter of 2012, as output grew 1.7 percent and hours worked increased 1.4 percent. Over the last four quarters, manufacturing productivity increased 2.9 percent, as output increased 5.6 percent and hours rose 2.6 percent. **Unit labor costs in manufacturing** rose 0.3 percent in the second quarter of 2012 and decreased 2.9 percent from the same quarter a year ago. (See tables A and 3.)

Revised first-quarter 2012 measures of productivity and costs were announced for the **nonfinancial corporate sector.** Productivity increased 1.2 percent in the first quarter of 2012, as output and hours rose 4.7 percent and 3.4 percent, respectively. (See tables D and 6.)

The concepts, sources, and methods used for the manufacturing and nonfinancial corporate 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

Measures of output for the business, nonfarm business, and nonfinancial corporate (NFC) sectors, and compensation for all sectors incorporate the revised National Income and Product Accounts (NIPA) data released on July 27 by the Bureau of Economic Analysis, U.S. Department of Commerce. As a result, output was revised back to the first quarter of 2009 for the business, nonfarm business, and NFC sectors. Compensation was subject to revisions back to the first quarter of 2008 for the business and nonfarm business sectors, and back to the first quarter of 2009 for the manufacturing and NFC sectors. Furthermore, hours were subject to revisions back to the first quarter of 2008 for the business, nonfarm business, and NFC sectors, due to revised NIPA data on compensation of all employees and employment in government enterprises. Measures of manufacturing output were revised back to 1987 to reflect revised output indexes constructed by BLS using data from the U.S. Department of Commerce; manufacturing hours were revised back to the first quarter of 2012.

As a result of the revisions, productivity and related measures were revised in the business, nonfarm business, and NFC sectors back to the first quarter of 2008. In the manufacturing sector, productivity and related measures were subject to revisions back to 1987.

Table B presents previous and revised productivity and related measures for the nonfarm business, business, and manufacturing sectors for the first quarter of 2012 and table C presents annual data for nonfarm business and total manufacturing from 2009 to 2011. Table D presents revised and previous measures for nonfinancial corporations for the first quarter of 2012, in addition to annual data from 2009 to 2011. Revised quarterly and annual series for recent years appear in tables 1-6 and in appendix tables 1-6. Full historical annual and quarterly measures can be found on the productivity and costs home page http://www.bls.gov/lpc/#data.

In the **first quarter of 2012**, nonfarm business productivity declined 0.5 percent, a smaller decline than reported in the preliminary estimate. (See chart 3.) The revised figure reflects an upward revision to output and a slight downward revision to hours. Unit labor costs grew 5.6 percent in the first quarter, due primarily to a large upward revision to hourly compensation. In the manufacturing sector, productivity growth in the first quarter was 5.5 percent, as output growth was revised up and hours

were revised down. (See chart 4.) Unit labor costs declined 0.4 percent, rather than decreasing 4.9 percent as previously reported.

For the year **2011**, **nonfarm business** productivity growth was 0.7 percent, an upward revision from the previous estimate of 0.4 percent. (See table C.) Unit labor costs increased 2.0 percent, a larger increase than reported June 6. **Manufacturing** productivity increased at the same 2.5 percent rate that was reported previously. The 0.1 percent increase in unit labor costs was more than the 1.0 percent decline published June 6, due to an upward revision to hourly compensation.

For the year **2010**, **nonfarm business** productivity growth was revised down to 3.1 percent from the previous estimate of 4.0 percent due to a downward revision in output. (See table C.) Unit labor costs declined 1.0 percent, a smaller decline than reported June 6. **Manufacturing** productivity increased 6.4 percent, slightly less than reported previously. The 5.0 percent decline in unit labor costs was more than the 4.7 percent decline published June 6.

For the year **2009**, **nonfarm business** productivity growth was 2.9 percent, as the decline in output was less than previously reported. (See table C.) Unit labor costs showed a decline of 1.5 percent, after revision. **In manufacturing**, productivity grew 0.1 percent, rather than 0.5 percent. Unit labor costs were not revised, increasing 4.0 percent.

Over the most recent ten-year period (2001-2011) nonfarm business productivity increased at an average annual rate of 2.2 percent. Manufacturing productivity grew at an annual average rate of 3.3 percent.

In the nonfinancial corporate sector, first-quarter 2012 productivity growth was 1.2 percent; the preliminary estimate was 0.3 percent. For the years **2011** and **2010**, productivity growth was greater than previously reported, due to an upward revision in output. (See tables D and 6.)

The revised Productivity and Costs press release for second-quarter 2012 is scheduled to be released on Wednesday, September 5, 2012 at 8:30 a.m. (EDT).

ago (Y to Y)			Nonfar	·m					Durab	ام	Nond	urable
Sector			Busine		Busi	ness	Manı	ufacturing		acturing		facturing
		Q	to Q		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			1.6	1.1	1.9	1.1	0.2	2.9	4.3	6.2	-4.0	-0.3
Output			2.0	2.9	2.3	3.0	1.7	5.6	6.2	9.7	-3.4	1.1
Hours			0.4	1.8	0.4	1.9	1.4	2.6	1.9	3.3	0.7	1.4
Hourly compens	ation		3.3	1.9	3.3	1.8	0.5	-0.1	-0.8	-0.7	2.8	0.9
Real hourly com	pensation		2.6	0.0	2.6	-0.1	-0.3	-1.9	-1.5	-2.5	2.1	-1.0
Unit labor costs			1.7	8.0	1.4	0.6	0.3	-2.9	-4.9	-6.5	7.2	1.2
Table B. Revise	ed and prev	ious meas	ures: first	quarter 20	12							
	•		Nonfar	·m					Durab	le	Nond	urable
Sector			Busine		Busii	ness	Manuf	acturing		acturing		facturing
		Rev	r ised Pi	revious R	evised	Previous	Revised	Previous	Revised	Previous	Revised	Previous
				Percen	t change, a	nnual rate, fi	rst quarter	2012				
Productivity			-0.5	-0.9	-0.6	-1.0	5.5	5.2	10.9	9.9	-0.1	0.1
Output			2.7	2.4	2.7	2.4	10.1	10.0	16.3	15.4	3.5	4.3
Hours			3.2	3.3	3.3	3.4	4.4	4.6	4.8	4.9	3.7	4.1
Hourly compens	ation		5.1	0.4	4.9	0.3	5.1	0.0	5.2	-0.6	4.9	1.0
Real hourly com	pensation		2.6	-2.0	2.4	-2.1	2.6	-2.4	2.6	-3.0	2.3	-1.4
Unit labor costs			5.6	1.3	5.6	1.3	-0.4	-4.9	-5.2	-9.6	5.0	0.9
Table C. Revise	ed and prev	ious annua	al average	measures	: 2009-201 ⁻	1						
Sector	•		Nonfari	m Business			1		Manuf	acturing		
	20	11	2	010	2	2009	2	011)10	20	09
	Revised	Previous	Revised	Previous	Revised	Previous	Revised	l Previous	Revised	Previous	Revised	Previous
			Percent	change					Percen	t change		
Productivity	0.7	0.4	3.1	4.0	2.9	2.3	2.	5 2.5	6.4	6.6	0.1	0.5
Output	2.6	2.4	3.1	4.0	-4.5	5 -5.1	4.8	8 4.8	6.4	6.6	-12.9	-12.5
Hours	1.9	1.9	0.0	0.0	-7.2	-7.2	2.3	2 2.2	0.0	0.0	-13.0	-13.0
Hourly												
compensation	2.7	2.2	2.0	1.9	1.4	1.7	2.0	6 1.5	1.1	1.6	4.1	4.6
Real hourly								_				
compensation	-0.5	-0.9	0.4		1.8		-0.		-0.5		4.5	5.0
Unit labor costs	2.0	1.8	-1.0	-2.0	-1.5	-0.7	0.	1 -1.0	-5.0	-4.7	4.0	4.0

Table D. Nonfina	ancial corporations:	Revised and	previous	first-quarter 2012 n	neasures, and revise	ed annual meas	ures 2009-2011				
	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs	Unit profits	Implicit price deflator			
Percent change, annual rate, first quarter 2012											
Revised	1.2	4.7	3.4	5.4	2.8	4.1	-1.8	1.7			
Previous	0.3	3.8	3.5	0.0	-2.4	-0.3	-1.5	-0.3			
			Pe	ercent change, annu	al average						
2011	1.4	4.0	2.6	2.5	-0.6	1.1	5.5	1.8			
2010	5.8	6.0	0.2	1.7	0.0	-3.9	31.0	-0.5			
2009	0.5	-7.4	-7.8	2.0	2.3	1.5	-5.5	1.8			

Chart 3. Previous and revised output per hour, nonfarm business, all persons, 2008Q1 – 2012Q1

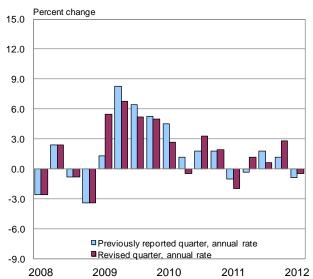
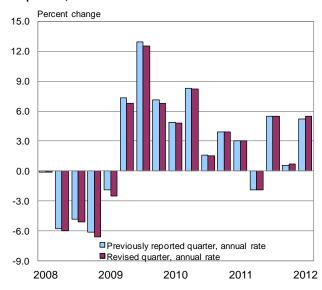


Chart 4. Previous and revised output per hour, manufacturing, all persons, 2008Q1 – 2012Q1



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 75 percent of the value of GDP in 2011. Nonfarm business, which excludes farming, accounted for about 74 percent of GDP in 2011.

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; chemical 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 2011.

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 2005=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, or by contacting the BLS Division of Major Sector Productivity. (Telephone 202-691-5606 or email 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	(1)	per hour (2)	labor costs	Unit nonlabor payments (3)	Implicit price deflator (4)
	E	Percent chan	ge from pre	vious quart	er at annual			
2012 II I	1.9 -0.6 r	2.3 2.7 r	0.4 3.3 r	3.3 4.9 r	2.6 2.4 r	1.4 5.6 r	1.5 -3.2 r	1.4 1.7 r
2011 ANNUAL	0.4 r	2.4 r	1.9	2.6 r	-0.5 r	2.2 r	2.3 r	2.2 r
2011 IV III II I	2.9 r 0.5 r 1.1 r -2.5 r	5.4 r 1.7 r 2.9 r -0.5 r	2.5 1.2 1.8 2.1	-0.6 r -0.3 r 0.2 r 8.9 r	-1.9 r -3.4 r -4.0 r 4.1 r	-3.4 r -0.8 r -0.9 r 11.7 r	4.5 r 9.7 r 8.8 r -10.4 r	-0.1 r 3.5 r 3.0 r 1.9 r
2010 ANNUAL	3.0 r	3.0 r	0.0	2.0 r	0.3	-1.0 r	5.3 r	1.5 r
2010 IV III II I	1.5 r 3.2 r -0.6 r 2.2 r	3.4 r 4.7 r 2.9 r 3.1 r	1.9 1.4 3.5 0.9	0.3 r 2.0 r 2.5 1.1	-2.6 r 0.6 r 2.8 0.2	-1.1 r -1.1 r 3.1 r -1.1 r	7.5 r 5.8 r -0.1 r 4.9 r	2.4 r 1.7 r 1.8 r 1.4 r
	Per	cent change	from corre	sponding qu	arter of pre			
2012 II I	1.1 0.9 r	3.0 3.2 r	1.9	1.8 1.0 r	-0.1 -1.8 r	0.6 0.1 r	3.0 4.8 r	1.6 2.0 r
2011 ANNUAL	0.4 r	2.4 r	1.9	2.6 r	-0.5 r	2.2 r	2.3 r	2.2 r
2011 IV III II I	0.5 r 0.1 r 0.8 r 0.4 r	2.4 r 1.9 r 2.6 r 2.6 r	1.9 1.8 1.8 2.2	2.0 r 2.2 r 2.8 r 3.4 r	-1.3 r -1.5 r -0.5 r 1.2 r	1.5 r 2.1 r 2.0 r 3.0 r	2.8 r 3.6 r 2.6 r 0.5 r	2.1 r 2.7 r 2.3 1.9 r
2010 ANNUAL	3.0 r	3.0 r	0.0	2.0 r	0.3	-1.0 r	5.3 r	1.5 r
2010 IV III II	1.5 r 2.4 r 3.1 r 5.0 r	3.5 r 3.9 r 2.9 r 1.6 r	1.9 1.4 -0.2 -3.2 r	1.5 r 1.6 1.7 r 2.6 r	0.2 r 0.4 -0.1 r 0.3 r	-0.1 r -0.8 r -1.4 r -2.2 r	4.5 r 5.1 r 5.9 r 6.2 r	1.8 1.6 r 1.5 r 1.1 r
			Inde	xes 2005=10	 0			
2012 II I	111.0 110.5 r	107.3 106.7 r	96.7 96.6 r		102.9 102.2 r	108.6 108.2 r	121.3 120.8 r	113.6 113.2 r
2011 ANNUAL	110.0 r	104.6 r	95.1	118.4 r	102.8 r	107.7 r	118.7 r	112.0 r
II	109.9 r 109.8 r	104.6 r 104.2 r	95.8 r 95.2 94.9 r 94.5 r	118.3 r 118.4 r	101.6 r 102.1 r 103.0 r 104.0 r	106.7 r 107.6 r 107.9 r 108.1 r	121.8 r 120.5 r 117.7 r 115.3 r	112.7 r 112.7 r 111.8 r 110.9 r
2010 ANNUAL	109.5 r	102.2 r	93.3 r	115.4 r	103.3 r	105.4 r	116.0 r	109.6 r
2010 IV III II I	109.8 r 108.9 r	102.7 r 101.5 r	93.5 r 93.2 r	115.9 r 115.8 r 115.2 r 114.5 r	103.7 r 103.5 r	105.7 r	114.7 r	110.4 r 109.8 r 109.3 r 108.8 r

See footnotes following Table 6. August 8, 2012 r=revised Source: Bureau of Labor Statistics

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

Year and quarter		Output	persons	per hour (1)	Real compen- sation per hour (2)	labor costs	(3)	-
		Percent chan						
2012 II I	1.6 -0.5 r	2.0 2.7 r	0.4 3.2 r		2.6 2.6 r	1.7 5.6 r	1.4 -3.1 r	1.6 1.9 r
2011 ANNUA	L 0.7 r	2.6 r	1.9	2.7 r	-0.5 r	2.0 r	1.8 r	1.9 r
2011 IV III II	2.8 r 0.6 r 1.2 r -2.0 r	3.4 r	2.4 1.0 2.2 1.9	-0.7 r 0.0 r -0.2 r 9.1 r	-1.9 r -3.1 r -4.4 r 4.4 r		5.0 r 9.5 r 9.0 r -11.6 r	0.1 r 3.5 r 2.8 r 1.2 r
2010 ANNUA	L 3.1 r				0.4 r		4.9 r	
2010 IV III II I	1.9 r 3.3 r -0.5 r 2.7 r	5.1 r 2.8 r 3.3 r	1.9 1.7 3.3 0.6	2.7 r 1.4 r		3.3 r -1.3 r	-0.2 r 4.9 r	1.8 r 1.4 r 1.8 r 1.2 r
		rcent change						
2012 II I		2.9 3.2 r			0.0 -1.7 r		3.1 5.0 r	1.8 2.1 r
2011 ANNUA	L 0.7 r	2.6 r	1.9	2.7 r	-0.5 r	2.0 r	1.8 r	1.9 r
2011 IV III II	0.6 r 0.4 r 1.1 r 0.7 r	2.2 r 3.0 r	1.9 1.7 r 1.9 2.2	2.0 r 2.3 r 2.7 r 3.5 r	-1.3 r -1.4 r -0.6 r 1.3 r	1.4 r 1.9 r 1.6 r 2.8 r	3.0 r 2.0 r	1.9 r 2.3 r 1.8 1.6 r
2010 ANNUA	L 3.1 r	3.1 r	0.0	2.0 r	0.4 r	-1.0 r	4.9 r	1.4 r
2010 IV III II	1.8 r 2.6 r 3.0 r 4.9 r	4.1 r	1.9 1.5 -0.2 -3.2	1.6 r 1.7 r 1.7 r 2.7 r	0.4 r 0.5 r 0.0 0.4 r	-0.2 r -0.9 r -1.3 r -2.1 r		1.6 r 1.4 r 1.5 r 1.0 r
			Inde	exes 2005=10	0			
2012 II I	111.2 110.7 r	107.4 106.9 r	96.6 96.5 r	120.8 119.8 r	103.0 102.4 r	108.6 108.2 r	120.6 120.2 r	113.3 112.9 r
2011 ANNUA	L 110.2 r	104.7 r	95.1	118.6 r	102.9 r	107.6 r	117.9 r	111.7 r
2011 IV III II I	110.9 r 110.1 r 110.0 r 109.7 r	104.8 r 104.4 r	95.8 r 95.2 94.9 94.4 r		101.8 r 102.3 r 103.1 r 104.2 r	106.7 r 107.6 r 107.7 r 108.1 r	121.1 r 119.6 r 117.0 r 114.5 r	112.4 r 112.3 r 111.4 r 110.6 r
2010 ANNUA	L 109.4 r	102.0 r	93.3 r	115.5 r	103.4 r	105.6 r	115.8 r	109.6 r
2010 IV III II	110.2 r 109.7 r 108.8 r 108.9 r	102.6 r 101.3 r	94.0 r 93.5 r 93.1 r 92.4 r	116.0 r 115.9 r 115.3 r 114.6 r	103.1 r 103.7 r 103.6 r 102.9 r	105.2 r 105.6 r 106.0 r 105.2 r		110.3 r 109.8 r 109.4 r 108.9 r

See footnotes following Table 6. August 8, 2012 r=revised Source: Bureau of Labor Statistics

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

Year and quarter		Output	Hours of all persons	(1)	Real compen- sation per hour (2)	Unit labor costs
	Percen			at annual rate(5)	
2012 II I	0.2 5.5 r	1.7 10.1 r	1.4 4.4 r	0.5 5.1 r	-0.3 2.6 r	0.3 -0.4 r
2011 ANNUAL	2.5	4.8	2.2	2.6 r	-0.5 r	0.1 r
2011 IV III II	0.7 r 5.5 -1.9 3.0	5.5 r 5.2 0.7 6.8	4.8 -0.3 2.7 3.7	-6.0 r 0.5 r -2.3 r 10.7 r	-7.2 r -2.6 r -6.4 r 5.9 r	-6.6 r -4.8 r -0.4 r 7.5 r
2010 ANNUAL	6.4 r	6.4 r	0.0	1.1 r	-0.5 r	-5.0 r
2010 IV III II I	3.9 1.5 r 8.2 r 4.8 r	3.1 5.5 r 11.8 r 7.8 r	-0.8 4.0 3.3 2.9		-0.7 r -0.2 r 4.7 r -5.3 r	-1.5 r -0.3 r -3.6 r -8.8 r
				ter of previous		
2012 II I	2.9 2.4 r	5.6 5.3	2.6	-0.1 -0.8 r	-1.9 -3.5 r	-2.9 -3.1 r
2011 ANNUAL	2.5	4.8	2.2	2.6 r	-0.5 r	0.1 r
2011 IV III II I	1.8 2.6 1.6 4.1 r	4.5 3.9 4.0 6.8	2.7 1.3 2.4 2.5	0.5 r 2.7 r 2.9 r 4.6 r	-2.7 r -1.0 r -0.4 r 2.4 r	-1.2 r 0.1 r 1.3 r 0.4 r
2010 ANNUAL	6.4 r	6.4 r	0.0	1.1 r	-0.5 r	-5.0 r
2010 IV III II I	4.6 r 5.3 r 8.0 r 7.7 r		2.3 2.4 0.2 -4.8	0.8 r 0.9 r 0.9 r 1.8 r	-0.4 r -0.3 r -0.9 r -0.5 r	-3.6 r -4.1 r -6.6 r -5.5 r
		Ir	ndexes 2005=100			
2012 II I	116.2 116.1 r	100.7 100.3 r	86.7 86.3 r	118.8 118.6 r	101.4 101.4 r	102.2 102.2 r
2011 ANNUAL	113.8 r	96.3 r	84.6	118.6 r	103.0 r	104.2 r
2011 IV III II	112.9 r	97.9 r 96.6 r 95.4 r 95.2 r	84.4 84.5	117.2 r 119.0 r 118.9 r 119.6 r	102.7 r 103.4 r	104.0 r 105.3 r
2010 ANNUAL	111.1 r	91.9 r	82.7	115.6 r	103.5 r	104.1 r
2010 IV III II	111.5 r 111.1 r	91.7 r 89.2 r	82.5 81.9		102.6 r	103.5 r 103.9 r 104.0 r 104.9 r

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Source: Bureau of Labor Statistics

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

Year and quart		Output per hour of all persons	Output	Hours of all persons	(1)	Real compen- sation per hour (2)	Unit labor costs
		Percen			at annual rate(5)	
2012	II I	4.3 10.9 r	6.2 16.3 r	1.9 4.8 r	-0.8 5.2 r	-1.5 2.6 r	-4.9 -5.2 r
2011 2	ANNUAL	3.8 r	7.8 r	3.9	2.9 r	-0.2 r	-0.8 r
-	IV III I	1.7 r 8.3 -2.9 4.2	9.2 r 7.3 1.6 11.1	7.5 -0.9 4.6 6.6	-8.0 r 1.5 r -3.6 r 13.4 r	-9.1 r -1.6 r -7.7 r 8.5 r	-9.5 r -6.3 r -0.7 r 8.9 r
2010 2	ANNUAL	10.6 r	10.5 r	-0.1	1.0 r	-0.6 r	-8.7 r
-	IV III II	4.4 r 2.6 r 18.0 r 10.3 r	5.0 r 9.6 r 20.7 r 14.3 r	0.5 6.8 2.3 3.6	2.3 r -1.0 r 7.9 r -7.0 r	-0.7 r -2.4 r 8.3 r -7.8 r	-2.1 -3.5 r -8.6 r -15.7 r
		Percent	change from cor	responding quar	ter of previous		
2012	II I	6.2 4.4 r	9.7 8.5 r	3.3 3.9 r	-0.7 -1.4	-2.5 -4.1	-6.5 -5.5 r
2011 2	ANNUAL	3.8 r	7.8 r	3.9	2.9 r	-0.2 r	-0.8 r
-	IV III II	2.7 3.4 2.0 r 7.1 r	7.2 6.2 r 6.7 r 11.4 r	4.4 2.6 4.6 4.0	0.5 r 3.2 r 2.6 r 5.5 r	-2.7 r -0.5 r -0.7 r 3.3 r	-2.2 r -0.2 r 0.5 r -1.5 r
2010 2	ANNUAL	10.6 r	10.5 r	-0.1	1.0 r	-0.6 r	-8.7 r
-	III II I	8.7 r 9.8 r 13.9 r 9.9 r	12.2 r 13.3 r 13.7 r 2.9 r	3.3 3.2 -0.2 -6.4	0.4 r 0.7 r 1.0 r 2.0 r	-0.8 r -0.6 r -0.7 r -0.4 r	-7.6 r -8.4 r -11.3 r -7.3 r
				dexes 2005=100			
2012	II I	120.3 119.0 r	103.3 101.7 r	85.9 85.5 r	118.9 119.2 r	101.5 101.9 r	98.9 100.1 r
2011 2	ANNUAL	114.7 r	95.4 r	83.2	119.6 r	103.8 r	104.3 r
	IV III II	116.0 r 115.5 r 113.2 r 114.1 r	98.0 r 95.8 r 94.2 r 93.8 r	84.5 83.0 83.2 82.2	117.7 r 120.2 r 119.7 r 120.8 r	101.2 r 103.7 r 104.1 r 106.2 r	101.5 r 104.0 r 105.7 r 105.9 r
2010 2	ANNUAL	110.5 r	88.5 r	80.1	116.2 r	104.0 r	105.1 r
-	III II	111.7 r 111.0 r	90.3 r 88.2 r	80.8 79.5	117.1 r 116.4 r 116.7 r 114.5 r	104.3 r 104.9 r	104.3 r 105.2 r

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Source: Bureau of Labor Statistics

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

Year and	Output per hour of all		Hours of all	Compen- sation per hour	Real compen- sation per hour	Unit labor
quarter		Output		(1)	(2)	costs
				at annual rate(
2012 II		-3.4	0.7	2.8	2.1	7.2
I	-0.1 r	3.5 r	3.7 r	4.9 r	2.3 r	5.0 r
2011 ANNUAL	2.3 r	1.9 r	-0.4	1.8 r	-1.3 r	-0.5 r
2011 IV	1.0	1.5	0.5	-2.7 r	-3.9 r	-3.6 r
III	2.1	2.9	0.7	-1.2 r	-4.2 r	-3.3 r
II	0.2	-0.2	-0.4	-0.1 r	-4.4 r	-0.3 r
I	3.1	2.2	-0.8	5.2 r	0.6 r	2.1 r
2010 ANNUAL	3.0 r	3.2 r	0.2	1.3 r	-0.3 r	-1.6 r
2010 IV	4.6 r	1.7 r	-2.8	2.1 r	-0.9 r	-2.4
III	2.8 r	2.4 r	-0.4	4.8 r	3.3 r	2.0 r
II	-0.2 r	4.7 r	4.9	-1.4	-1.0 r	-1.2 r
I	1.8 r	3.7 r	1.9	0.1 r	-0.8 r	-1.7 r
	Percent	change from cor	responding quar	ter of previous	year	
2012 II	-0.3	1.1	1.4	0.9	-1.0	1.2
I	0.8 r	1.9 r	1.1 r	0.2 r	-2.6 r	-0.6 r
2011 ANNUAL	2.3 r	1.9 r	-0.4	1.8 r	-1.3 r	-0.5 r
2011 IV	1.6	1.6	0.0	0.3 r	-3.0 r	-1.3 r
III	2.5 r	1.6 r	-0.9	1.5 r	-2.2 r	-1.0 r
II	2.7 r	1.5 r	-1.1	3.0 r	-0.4 r	0.3
I	2.6 r	2.8 r	0.2	2.6 r	0.5 r	0.1 r
2010 ANNUAL	3.0 r	3.2 r	0.2	1.3 r	-0.3 r	-1.6 r
2010 IV	2.3 r	3.1 r	0.9	1.4 r	0.1 r	-0.9 r
III	2.5 r	3.8 r	1.3	1.3 r	0.0 r	-1.2 r
II	2.9 r	3.8 r	0.9	0.7 r	-1.1 r	-2.2 r
I	4.2 r	2.0 r	-2.1	1.8 r	-0.5 r	-2.3 r
		Ir	ndexes 2005=100			
2012 II	109.5	96.4	88.0	118.7	101.3	108.4
I	110.6 r	97.2 r	87.9 r	117.9 r	100.8 r	106.5 r
2011 ANNUAL	110.2 r	95.8 r	86.9	117.3 r	101.8 r	106.4 r
2011 777	110 7 r	96 1 2	97 1	116.5 r	100.2 r	105.3 r
III	110.7 r	96.0 r	87.0	117.3 r	100.2 r	106.2 r
II	109.8 r			117.6 r		
I	109.8 r					
2010 ANNUAL	107.7 r	94.0 r	87.3	115.2 r	103.1 r	107.0 r
2010 IV	108.9 r	94.9 r	87.1	116.2 r	103.3 r	106.7 r
	108.9 r 107.7 r		87.7			100.7 I
II	107.0 r	93.9 r	87.8	114.2 r	102.7 r	106.8 r
I	107.0 r	92.8 r	86.7	114.6 r	102.9 r	107.1 r
				114.6 r		

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Source: Bureau of Labor Statistics

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

Year and quar	ter		Output		Hourly compensation (1)	sation (2)	Unit labor costs	Unit non- labor costs (6)	Total unit cost (7)	Unit pro- fits (8)	Implicit price deflator (4)
			Percen	t change f				 l rate(5)			
2012	I	1.2 r	4.7 r	3.4 r	5.4 r	2.8 r	4.1 r	-1.7 r	2.3 r	-1.8 r	1.7 r
2011	ANNUAL	1.4 r	4.0 r	2.6	2.5 r	-0.6 r	1.1 r	1.7 r	1.3 r	5.5 r	1.8 r
	IV III II	4.1 r -3.2 r 4.3 r 4.6 r	6.3 r -1.2 r 7.5 r 7.3 r	2.2 2.0 3.1 2.6	-0.8 r 0.0 r -0.4 r 9.6 r	-2.1 r -3.0 r -4.6 r 4.8 r	-4.7 r 3.3 r -4.5 r 4.8 r	-2.6 r	-3.9 r	2.5 r	4.1 r 1.9 r
2010	ANNUAL	5.8 r	6.0 r	0.2	1.7 r	0.0 r	-3.9 r	-4.2 r	-4.0 r	31.0 r	-0.5 r
	III II I	-3.3 r 2.7 r -1.2 r 9.3 r	-1.1 r 5.4 r 2.8 r 10.8 r	2.3 2.6 4.0 1.3	-0.5 r 2.5 r 1.6 0.2 r	-3.4 r 1.0 r 1.9 -0.7 r	2.8 r -8.3 r	-1.4 r -1.0 r -7.1 r	-0.6 r 1.7 r	27.5 r -2.4 r 60.2 r	2.7 r 1.1 r -1.5 r
			Percent	change from	m correspo	nding quar	ter of pre	evious ye	ar		
2012	I	1.5 r	4.3 r	2.7	1.0 r	-1.8 r	-0.5 r	-0.2 r	-0.4 r	12.4 r	1.2
2011	ANNUAL	1.4 r	4.0 r	2.6	2.5 r	-0.6 r	1.1 r	1.7 r	1.3 r	5.5 r	1.8 r
	IV III I	2.4 r 0.5 r 2.0 r 0.6 r	4.9 r 3.0 r 4.7 r 3.5 r	2.5 2.5 2.7 r 2.9	2.0 r 2.1 r 2.7 r 3.2 r	-1.3 r -1.6 -0.6 r 1.0 r	-0.4 r 1.6 r 0.7 r 2.5 r	0.8 r 3.2 r 1.2 r 1.6 r	0.0 r 2.1 r 0.8 r 2.3 r	8.4 r 4.4 r 10.2 r -1.0 r	2.4 2.0 r
2010	ANNUAL	5.8 r	6.0 r	0.2	1.7 r	0.0 r	-3.9 r	-4.2 r	-4.0 r	31.0 r	-0.5 r
	IV III I	1.8 r 5.8 r 6.9 r 8.9 r	4.4 r 7.8 r 6.9 r 5.0 r		0.9 r 1.4 r 1.4 r 2.9 r	-0.3 0.2 r -0.3 r 0.6 r		-3.9 r -5.8 r	-4.1 r -5.3 r	39.6 r	0.1 r -1.2 r
					Indexes	2005=100					
2012	I	111.9 r	108.4 r	96.8 r	119.5 r	102.2 r	106.7 r	116.5 r	109.5 r	123.6 r	111.2 r
2011	ANNUAL	110.9 r	105.6 r	95.2 r	118.1 r	102.5 r	106.5 r	116.9 r	109.4 r	119.5 r	110.7 r
	IV III I		107.1 r 105.5 r 105.8 r 103.9 r		118.2 r	101.4 r 102.0 r 102.8 r 104.0 r	107.0 r 106.1 r	117.8 r 115.9 r	110.0 r 108.8 r	122.3 r 121.6 r	
2010	ANNUAL	109.4 r	101.5 r	92.8	115.3 r	103.2 r	105.3 r	114.9 r	108.0 r	113.3 r	108.7 r
	III II I	109.9 r 109.2 r	101.1 r 100.4 r	93.2 92.6 r 91.7 r	114.6 r	103.7 r 103.4 r 102.9 r	105.3 r 105.4 r 104.6 r	114.2 r 114.6 r 114.9 r	107.8 r 107.9 r 107.5 r	117.2 r 110.3 r 111.0 r	108.2 r 107.9 r

r=revised

August 8, 2012 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 2012.

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 1978-2011 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 productivity, hourly compensation, unit labor costs, and prices, seasonally adjusted

Yean and quan	ster	Output per hour of all persons	Output	Hours of all persons	Compen- sation per hour (1)		labor	Unit nonlabor payments (3)	
			Percent chan						
2009	ANNUAL	3.1 r	-4.3 r	-7.2	1.4 r	1.8 r	-1.6 r	3.7 r	0.4 r
2009	IV	5.0 r	4.9 r	-0.1	0.9 r	-2.1 r	-4.0 r	10.1 r	1.6 r
	III	5.8 r	0.7 r	-4.8 -8.7	2.3 r	-1.3 r	-3.3 r	9.1 r 0.8 r	1.5 r
	II	7.1 r 5.3 r	-2.3 r -5.0 r	-8.7 -9.8	6.5 r -3.1 r	4.5 r -0.7 r		0.8 r 9.8 r	0.0 r -1.4 r
2008	ANNUAL	0.7	-1.3	-2.0	3.3	-0.5	2.6	0.6	1.8
2008	IV	-3.1	-12.0	-9.2	1.8	11.8	5.0	-8.6	-0.5
	III	-0.9	-5.4	-4.5	3.3	-2.9	4.3	2.2	3.5
	II	2.5	0.2	-2.2	-0.8	-5.8	-3.2	13.2	2.9
	I	-2.2	-3.1	-0.9 r	5.6	1.1	8.0	-7.7	1.5
	ANNUAL	1.5	2.0	0.5	4.1	1.2	2.6	2.6	2.6
2007	IV	1.5 4.8	1.3 3.1	-0.2 -1.6	5.5 3.1	0.5 0.6	3.9 -1.6	-2.7 4.4	1.2 0.7
	II	4.2	4.5	0.3	2.7	-1.8	-1.4	9.5	2.8
	I	-0.5	-0.3	0.2	3.7	-0.2		4.9	4.5
			cent change						
2009	ANNUAL	3.1 r	-4.3 r	-7.2	1.4 r	1.8 r	-1.6 r	3.7 r	0.4 r
2009		5.8 r	-0.5 r	-5.9	1.6 r	0.1 r		7.4 r	0.4
	III	3.7 r 2.0 r	-4.8 r -6.2 r	-8.1 -8.1	1.8 r 2.0 r	3.5 r 3.0 r	-1.8 r 0.1 r	2.5 r 0.8 r	-0.1 r 0.4 r
	I	0.9 r	-5.6 r	-6.5		0.4 r		3.8 r	1.1 r
2008	ANNUAL	0.7	-1.3	-2.0	3.3	-0.5	2.6	0.6	1.8
2008	IV	-1.0	-5.2	-4.3	2.4	0.9 r	3.4	-0.6	1.8
	III	0.2	-1.8	-2.0	3.4	-1.8	3.2	0.9	2.3
	II	1.6 2.0	0.4 1.4	-1.2 -0.6	3.3 4.2	-1.0 0.1	1.7 2.1	1.5 0.7	1.6 1.6
2007	ANNUAL	1.5	2.0	0.5	4.1	1.2	2.6	2.6	2.6
2007	IV	2.5	2.1	-0.3	3.8	-0.3	1.2	3.9	2.3
	III	2.7	2.8	0.1	4.7	2.3	1.9	2.8	2.3
	II	0.9 -0.1	1.9 1.2	1.0 1.2	4.2 3.8	1.5 1.4	3.3 3.9	2.1 1.5	2.8 3.0
					xes 2005=10				
		106.3 r	99.2 r	93.3 r	113.2 r	103.0 r		110.2 r	107.9 r
2009	IV III	108.5 r	100.1 r 98.9 r	92.2 r	114.2 r			113.4 r 110.7 r	
	II	105.7 r	98.7 r	93.4 r	113.3 r				
	I	103.9 r	98.7 r 99.3 r	95.5 r	111.5 r	102.5 r	107.3 r	108.1 r	107.6 r
2008	ANNUAL	103.2	103.7	100.5	111.7	101.2	108.2	106.3	107.5
2008		102.6 r	100.5	98.0 r	112.4 r	102.7 r	109.6	105.6	108.0
	III	103.4 103.6 r				99.8 100.6 r	108.3 107.1	108.0 107.4	108.2 107.2
	I	103.0 r	105.3 105.2	102.1 r	111.3	102.1 r	107.1	107.4	106.5
2007	ANNUAL	102.4			108.1	101.8	105.5		105.6
2007	IV	103.6	106.0 105.7	102.4	109.8	101.8	106.0	106.3	106.1
	III	103.2	105.7	102.4	108.3	101.7	104.9	107.0	105.8
	II I	102.0	104.9 103.7	102.8	107.5	101.5	105.4	105.8 103.5	105.6 104.8
			Table 6						

r=revised

August 8, 2012 Source: Bureau of Labor Statistics

Appendix table 2.

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

Year and quar		Output per hour of all persons	Output	Hours of all persons		-	labor	Unit nonlabor payments (3)	-
			Percent chan						
2009	ANNUAL	2.9 r	-4.5 r	-7.2	1.4 r	1.8 r	-1.5 r	4.3 r	0.8 r
2009		5.0 r 5.2 r	5.2 r 0.3 r	0.3 r -4.7	0.9 r 2.0 r	-2.1 r -1.6 r	-3.9 r -3.1 r	8.6 r 9.8 r	1.0 r
	III	6.8 r	-2.5 r	-4.7	6.7 r	4.7 r		0.2 r	1.9 r 0.0 r
	I	5.5 r	-5.0 r	-9.9	-3.2 r	-0.7 r		11.7 r	-0.9 r
	ANNUAL	0.6	-1.5	-2.1	3.4	-0.4	2.8	0.4	1.8
2008	IV III	-3.4 -0.8	-12.7 -5.2	-9.7 -4.4	2.1 3.4	12.2 -2.8	5.7 4.3	-7.8 2.9	0.2 3.7
	II	2.4	0.4	-2.0	-1.1	-6.1	-3.4	14.3	3.1
	I	-2.6	-3.6	-1.1	5.9	1.4	8.7	-9.0	1.5
2007	ANNUAL	1.5	2.1	0.5	4.0	1.1	2.4	2.1	2.3
2007		1.9	0.9	-1.0	6.4	1.3	4.3	-3.8	1.0
	III	4.8	3.4 4.7	-1.4 1.2	2.8 1.5	0.3 -3.0	-1.9 -1.8	4.0 10.0	0.4 2.6
	I	-0.2	-0.2	0.1	3.7	-0.2	4.0	4.3	4.1
			cent change				evious year	· ·	
2009	ANNUAL	2.9 r	-4.5 r	-7.2	1.4 r	1.8 r	-1.5 r	4.3 r	0.8 r
2009		5.6 r		-5.9		0.1 r		7.5 r	0.5
	III	3.4 r 1.9 r	-5.1 r -6.5 r	-8.3 -8.2	1.8 r 2.2 r	3.5 r 3.2 r	-1.6 r 0.3 r	3.2 r 1.5 r	0.3 r 0.8 r
	I	0.9 r	-5.8 r	-6.6	0.3 r				1.5 r
2008	ANNUAL	0.6	-1.5	-2.1	3.4	-0.4	2.8	0.4	1.8
2008		-1.1	-5.4	-4.4	2.5	1.0	3.7	-0.3	2.1
	III	0.2 1.6	-1.9 0.2	-2.1 -1.3	3.6 3.4	-1.6 -0.8	3.4 1.8	0.7 1.0	2.3 1.5
	I	1.9	1.3	-0.5	4.1	0.0	2.2	0.0	1.4
2007	ANNUAL	1.5	2.1	0.5	4.0	1.1	2.4	2.1	2.3
2007		2.5	2.2	-0.3	3.6		1.1	3.5	2.0
	III	2.7 0.9	3.0 2.1	0.3 1.1	4.4 4.0	2.0 1.3	1.7 3.1	2.4 1.6	2.0 2.5
	I	0.2	1.2	1.0	4.1	1.6	3.9	1.0	2.7
				Inde	xes 2005=10	0			
2009	ANNUAL	106.1 r	99.0 r	93.3 r	113.2 r	103.0 r	106.7 r	110.4 r	108.1 r
2009	IV	108.2 r	99.8 r	92.3 r	114.2 r	102.7 r	105.5 r	113.3 r	108.6 r
	III	106.9 r	98.6 r	92.2 r	113.9 r	103.3 r	106.5 r	111.0 r 108.4 r	108.3 r 107.8 r
	I	103.0 r	99.2 r	95.5 r	111.5 r				
2008	ANNUAL	103.1 r	103.7	100.6	111.6 r	101.2 r	108.2	105.8	107.3
2008		102.5	100.4	98.0	112.4		109.7		
	III II	103.4 103.6	103.9 105.3	100.5	111.9 110.9 r	99.8 100.5 r		107.6 106.8	108.0 107.0
	I	103.0 r	105.2	102.2	111.2				
2007	ANNUAL	102.5			107.9	101.6			105.4
2007	IV	103.6	106.2	102.5	109.7	101.7	105.8	105.8	105.8
	III	103.2 101.9	105.9 105.1	102.7	108.0	101.4	104.7	106.8	
	II I	101.9	105.1	103.1	107.2	101.3	105.2	105.8 103.3	105.4 104.7

August 8, 2012 Source: Bureau of Labor Statistics

Appendix table 3.

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

Real

Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compen- sation per hour (1)	Real compen- sation per hour (2)	Unit labor costs
	Percen			at annual rate		
2009 ANNUAL	0.1 r	-12.9 r	-13.0	4.1 r	4.5 r	4.0
2009 IV	6.8 r	6.4 r	-0.4	2.8	-0.3	-3.8 r
III	12.5 r	7.3 r	-4.6	1.0 r	-2.6 r	-10.3 r
II -	6.8 r	-10.2 r	-15.9	8.3 r	6.3 r	1.4 r
I	-2.5 r	-22.1 r	-20.1	-0.9 r	1.6 r	1.6 r
2008 ANNUAL	-0.6 r	-4.5 r	-4.0	4.3	0.4	4.9 r
2008 IV	-6.6 r	-21.2 r	-15.6	9.4	20.2	17.1 r
III	-5.1 r -6.0 r	-13.5 r -7.5 r	-8.8 -1.6	5.6 0.9	-0.7 -4.1	11.3 r 7.3 r
I	-0.1	-2.1	-2.1	5.4	0.9	7.3 I 5.4
2007 ANNUAL	3.9	2.1 r	-1.7	3.2	0.4	-0.6 r
2007 IV III	5.4 3.2	0.9 0.8	-4.3 -2.3	8.3 0.6	3.2 -1.9	2.8 -2.5
II	4.2 r	5.1 r	0.9	-1.2	-5.6	-5.3
I	4.5	4.0	-0.5	3.4	-0.6	-1.1
	Percent	change from con	responding quar	ter of previous	year	
2009 ANNUAL	0.1 r	-12.9 r	-13.0	4.1 r	4.5 r	4.0
2009 IV	5.8 r	-5.5 r	-10.6	2.7 r	1.2 r	-2.9 r
III	2.3 r	-12.3 r	-14.2	4.4 r	6.1 r	2.0
ΙΙ	-2.0 r	-16.9 r	-15.2	5.5 r	6.6 r	7.7
I	-5.0 r	-16.3 r	-11.8	3.7 r	3.8 r	9.2
2008 ANNUAL	-0.6 r	-4.5 r	-4.0	4.3	0.4	4.9 r
2008 IV	-4.5 r	-11.4 r	-7.2	5.3	3.7	10.2 r
III II	-1.5 r 0.6	-5.7 r -2.0	-4.2 -2.6	5.0	-0.2 -0.5	6.7 r 3.2
I	3.2	1.1	-2.0	3.8 3.2	-0.9	0.0
2007 ANNUAL	3.9	2.1 r	-1.7	3.2	0.4	-0.6 r
2007 IV	4.3 r	2.7	-1.6	2.7	-1.3	-1.6
III	4.1	2.5	-1.5	3.3	0.9	-0.8
II	4.1	2.3 r	-1.7	3.6	0.8	-0.5
I	3.0	1.0 r	-1.9 	3.4	0.9	0.4 r
		Ir	ndexes 2005=100			
2009 ANNUAL	104.4 r	86.3 r	82.7	114.3 r	104.0 r	109.5 r
2009 IV	107.7 r	87.5 r	81.3	115.6 r	104.0 r	107.4 r
III	105.9 r	86.2 r	81.4	114.8 r	104.1 r	108.4 r
ΙΙ	102.8 r	84.7 r	82.3	114.6 r	104.8 r	111.4 r
I	101.2 r	87.0 r	86.0	112.3 r	103.2 r	111.0 r
2008 ANNUAL	104.2 r	99.1 r	95.1	109.8	99.6	105.3 r
2008 IV III	101.8 r 103.6 r	92.6 r 98.3 r	90.9 94.9	112.5 110.0	102.8 98.1	110.5 r 106.3 r
II	104.9 r	101.9 r	97.1	108.6	98.3	100.5 r
I	106.5 r	103.9 r	97.5	108.3	99.4	101.6 r
2007 ANNUAL	104.8 r	103.8 r	99.1	105.3	99.1	100.5 r
2007 IV	106.6 r	104.4 r	98.0	106.9	99.2	100.3 r
III	105.2 r	104.2 r	99.1	104.8	98.4	99.6 r
II	104.3 r	104.0 r	99.7	104.6	98.8	100.3 r
I	103.3 r	102.7 r	99.5	104.9	100.3	101.6 r

August 8, 2012 Source: Bureau of Labor Statistics

Appendix table 4.

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

Year and	r rter	Output per hour of all persons	Output	Hours of all persons	Compen- sation per hour (1)	Real compen- sation per hour (2)	Unit labor costs
		Percen	t change from p	revious quarter	at annual rate	(5)	
2009	ANNUAL	-5.7 r	-20.3 r	-15.5	5.1 r	5.5 r	11.4 r
2009	IV	8.9 r	8.9 r	0.1	3.3	0.3	-5.1 r
	III	18.8 r	11.3 r	-6.3	0.5 r	-3.0 r	-15.4 r
	I	2.3 r -12.9 r	-19.1 r -33.7 r	-20.9 -23.8	12.0 r 1.1 r	9.9 r 3.7 r	9.4 r 16.2 r
2000	ANNUAL	-1.6 r	-5.8 r	-4.2	3.1	-0.7	4.8 r
2008	III	-19.0 r -6.2 r	-31.4 r -17.5 r	-15.3 -12.1	7.9 6.9	18.5 0.5	33.2 r 13.9 r
	II	-8.8 r	-10.0 r	-1.4	0.8	-4.2	10.5 r
	I	-1.6 r	-2.0 r	-0.4	0.8	-3.4	2.5 r
2007	ANNUAL	5.3	3.2	-2.0	3.8	0.9	-1.5
2007	TV	9.0 r	2.4 r	-6.0	8.4	3.2	-0.6 r
200,	III	2.9 r	0.9 r	-1.9	1.1	-1.4	-1.7 r
	II	7.9	9.1 r	1.1	-2.9	-7.2	-10.0
	I	7.0 r	5.4 r	-1.5	5.5	1.5	-1.4 r
		Percent			ter of previous	year	
2009	ANNUAL	-5.7 r	-20.3 r	-15.5	5.1 r	5.5 r	11.4 r
2009	IV	3.6 r	-10.2 r	-13.3	4.1 r	2.6 r	0.5 r
	III	-3.8 r	-20.0 r	-16.8	5.3 r	7.0 r	9.4 r
	ΙΙ	-9.3 r	-25.8 r	-18.2	6.9 r	7.9 r	17.8 r
	I	-11.9 r	-23.8 r	-13.5	4.1 r	4.3 r	18.1 r
2008	ANNUAL	-1.6 r	-5.8 r	-4.2	3.1	-0.7	4.8 r
2008		-9.1 r	-16.0 r	-7.5	4.1	2.4	14.5 r
	III	-2.1 r 0.2 r	-7.1 r -2.3 r	-5.1 -2.5	4.2 2.7	-1.0 -1.5	6.4 r 2.6
	I	4.5 r	-2.3 r 2.5 r	-2.5 -1.9	1.8	-1.5 -2.3	-2.6 r
2007	ANNUAL	5.3	3.2	-2.0	3.8	0.9	-1.5
2007		6.7 r	4.4 r	-2.1	2.9	-1.1	-3.5 r
200,	III	5.3	3.7	-1.5	4.0	1.6	-1.2
	II	5.7	3.3	-2.2	4.1	1.4	-1.5
	I	3.8	1.5 r	-2.2	4.0	1.6	0.2
			Ir	dexes 2005=100			
2009	ANNUAL	99.9 r	80.1 r	80.2	115.0 r	104.7 r	115.1 r
2009	IV	103.9 r	81.4 r	78.4	116.6 r	104.9 r	112.3 r
	III	101.7 r	79.7 r	78.3	115.7 r	104.9 r	113.8 r
	II	97.4 r	77.6 r	79.6	115.5 r	105.7 r	118.6 r
	I	96.8 r	81.8 r	84.4	112.3 r	103.2 r	116.0 r
2008	ANNUAL	105.9 r	100.5 r	94.9	109.4	99.2	103.3 r
2008		100.3 r	90.6 r	90.4	112.0	102.3	111.7 r
	III	105.7 r 107.4 r	99.6 r 104.5 r	94.2 97.3	109.9 108.1	98.0 97.9	104.0 r 100.7 r
	I	107.4 r 109.9 r	104.5 r 107.3 r	97.6	107.9	99.0	98.2 r
2007	ANNUAL	107.6 r	106.6 r	99.1	106.1	99.9	98.5 r
2007		110.3 r	107.8 r	97.7	107.6	99.8	97.6 r
2007	III	108.0 r	107.8 r	99.3	105.5	99.1	97.0 I
	II	107.2 r	106.9 r	99.7	105.2	99.4	98.1 r
	I	105.2 r	104.6 r	99.5	106.0	101.3	100.8 r
		following Tabl					 ist 8 201

August 8, 2012 Source: Bureau of Labor Statistics

Appendix table 5.

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

Real

Year and quar	rter		Output	Hours of all persons	Compen- sation per hour (1)	Real compen- sation per hour (2)	Unit labor costs
					at annual rate	(5)	
2009	ANNUAL	2.5 r	-6.4 r	-8.7	2.8 r	3.1 r	0.2 r
2009	IV	5.7 r	4.5 r	-1.2	1.7	-1.3	-3.8 r
	III	4.5 r	2.5 r	-1.9	2.2 r	-1.4 r	-2.1 r
	II	4.8 r	-2.6 r	-7.0	3.2 r	1.3 r	-1.5 r
	I	2.9 r	-11.0	-13.5	-3.9 r	-1.4 r	-6.6 r
2008	ANNUAL	0.0 r	-3.6 r	-3.6	6.6	2.6	6.5
2008	IV	6.9 r	-10.3	-16.1	12.3	23.4	5.1 r
	III	-7.8	-10.5 r	-2.9	3.8	-2.4	12.6 r
	II	-3.4 r	-5.4 r	-2.1	1.1	-3.9	4.7 r
	I	2.7	-2.4 r	-4.9	14.3	9.5	11.4 r
2007	ANNUAL	2.1	1.0 r	-1.1	2.2	-0.6	0.1
2007		0.5 r	-0.7	-1.2	8.7	3.6	8.2 r
	III	4.0 r	0.9 r	-3.0	-0.5	-3.0	-4.4
	II	0.4 1.2 r	0.9 2.4	0.5 1.1	2.1 -0.5	-2.5 -4.3	1.7 -1.7
		Percent	_		ter of previous	_	
2009	ANNUAL	2.5 r	-6.4 r	-8.7	2.8 r	3.1 r	0.2 r
2009		4.5 r	-1.9 r	-6.1	0.8 r	-0.7 r	-3.5 r
	III	4.7 r	-5.5 r	-9.8	3.3 r	5.0 r	-1.4 r
	II	1.5	-8.7	-10.0 -8.9	3.7 r	4.7 r	2.2 r
	I	-0.5	-9.3		3.2 r	3.3 r	3.7 r
	ANNUAL	0.0 r	-3.6 r	-3.6	6.6	2.6	6.5
2008		-0.6 r	-7.2 r	-6.7	7.7	6.1	8.4 r
	III	-2.1 r 0.9 r	-4.8 r -1.9	-2.8 -2.8	6.9 5.7	1.5 1.4	9.2 r 4.8 r
	I	1.9	-0.3	-2.2	6.0	1.8	4.0
2007	ANNUAL	2.1	1.0 r	-1.1	2.2	-0.6	0.1
2007		1.5 r	0.9	-0.6	2.4	-1.6	0.9 r
2007	III	2.8	1.3	-1.4	1.8	-0.5	-0.9
	II	2.1	1.3 r	-0.7	2.6	-0.1	0.5
	I	2.1	0.6	-1.4	2.2	-0.3	0.1
			In	dexes 2005=100			
2009	ANNUAL	104.5 r	91.1 r	87.2	113.7 r	103.5 r	108.7 r
2009	IV	106.5 r	92.0 r	86.3	114.6 r	103.1 r	107.6 r
	III	105.1 r	91.0 r	86.6	114.1 r	103.4 r	108.6 r
	II	103.9 r	90.4 r	87.0	113.5 r	103.8 r	109.2 r
	I	102.7 r	91.0 r	88.6	112.6 r	103.5 r	109.6 r
2008	ANNUAL	102.0 r	97.4 r	95.5	110.6	100.3	108.5 r
2008		102.0 r	93.7 r	91.9	113.7	103.8	111.5 r
	III	100.3 r	96.3 r	96.0	110.4	98.5	110.1 r
	II	102.4 r 103.2 r	99.0 r 100.4 r	96.7 97.2	109.4 109.1	99.1 100.1	106.9 r 105.7 r
2007							
	ANNUAL	101.9 r	101.0 r	99.0	103.8	97.8	101.8 r
2007		102.6 r	101.0 r	98.5	105.5	97.9	102.9 r
	III	102.4 r	101.2 r	98.8	103.4 103.5	97.0	100.9 r
	I	101.4 r 101.3 r	101.0 r 100.7 r	99.5 99.4	103.5	97.8 98.4	102.0 r 101.6 r
	_				103.0		101.0

August 8, 2012 Source: Bureau of Labor Statistics

Appendix table 6. Nonfinancial corporate sector: Revised productivity, hourly compensation, unit labor costs, unit profits, and prices, seasonally adjusted

and prices, seasonally adjusted												
Year and quarter	Output per all- employee hour	Output	Employee hours	Hourly compen- sation (1)	Real hourly compen- sation (2)	Unit labor costs	Unit non- labor costs (6)	Total unit cost (7)	Unit pro- fits (8)	Implicit price deflator (4)		
Percent change from previous quarter at annual rate(5)												
2009 ANNUA	L 0.5	-7.4	-7.8	2.0 r	2.3 r	1.5	5.6 r	2.7 r	-5.5 r	1.8		
2009 IV	12.8 r	12.3 r	-0.4	1.4	-1.6	-10.1 r	-6.1 r	-8.9 r	81.4 r	-2.0 r		
III	7.2 r	2.1 r	-4.8	2.7 r	-0.9 r	-4.3 r	-8.7 r		33.9 r			
II I	6.5 r -10.3 r	-4.2 r -20.6 r		7.6 r -6.4 r	5.6 r -4.1 r	1.0 r 4.3 r	-3.5 r 17.1 r		-17.6 r -22.1 r			
2008 ANNUA		-1.4	-1.7	3.6	-0.2	3.3	4.1	3.5	-8.4	2.1		
2008 IV	-3.4	-11.8	-8.7	6.3	16.7	10.0	20.4	13.0	-44.1	4.5		
III	8.0	2.9	-4.7	4.5	-1.8	-3.2	0.6	-2.1	77.5	4.6		
II I	1.4 -4.9	-1.1 -5.0	-2.5 -0.1	2.0 2.2	-3.1 -2.1	0.6 7.6	2.9 0.4	1.2 5.5	5.3 -23.3	1.7 1.9		
2007 ANNUA		1.0	0.3	3.9	1.1	3.3	6.0	4.0	-10.4	2.1		
2007 IV	5.1	5.0	-0.1	6.8	1.7	1.6	2.5	1.8	-4.4	1.1		
III	-3.1	-3.6	-0.6	2.6	0.1	5.9	11.6	7.5	-38.8	0.4		
II _	1.0	1.4	0.5	2.4	-2.1	1.4	4.8	2.4	3.8	2.6		
I	-0.8 	-0.4	0.3	3.9 	0.0	4.8	7.5 	5.5	-11.6 	3.1		
			change fro	-		-	-					
2009 ANNUA		-7.4	-7.8	2.0 r	2.3 r	1.5		2.7 r				
2009 IV III	3.7 r -0.3 r	-3.4 r -9.0 r	-6.8 -8.8	1.2 r 2.4 r	-0.3 r 4.1 r	-2.4 r 2.6 r	-0.8 r 5.6 r	-1.9 r	11.7 r -16.7 r			
II	-0.1 r	-8.9 r	-8.8	2.8 r	3.8 r	2.9	8.2 r		-10.7 r			
I	-1.3 r	-8.1 r	-6.9	1.5	1.6	2.8 r	9.9 r	4.8 r	-5.0 r	3.8 r		
2008 ANNUA	L 0.3	-1.4	-1.7	3.6	-0.2	3.3	4.1	3.5	-8.4	2.1		
2008 IV	0.1	-3.9	-4.0	3.7	2.1	3.6	5.8	4.2	-5.4	3.2		
III	2.3	0.4 -1.3	-1.9 -0.8	3.9 3.4	-1.3 -0.9	1.6 3.9	1.6 4.3	1.6 4.0	8.2 -17.1	2.3 1.3		
I	-0.4	-0.6	-0.1	3.5	-0.6	4.1	4.8	4.3	-17.1	1.5		
2007 ANNUA	L 0.6	1.0	0.3	3.9	1.1	3.3	6.0	4.0	-10.4	2.1		
2007 IV	0.5	0.5	0.0	3.9	-0.1	3.4	6.6	4.3	-14.4	1.8		
III	-0.3	-0.2	0.1	4.3	1.9	4.6	7.5	5.4	-20.5	1.7		
II I	1.6 0.8	2.1 1.5	0.5 0.7	4.0 3.6	1.2 1.1	2.3 2.8	4.7 5.3	3.0 3.5	-2.2 -3.6	2.3 2.5		
					2005=100							
2009 ANNUA	L 103.4 r	95.8 r	92.6 r	113.3 r	103.2 r	109.6 r	120.0 r	112.5 r	86.5 r	109.2 r		
2009 IV	107.1 r	97.9 r	91.4 r	114.5 r	103.1 r		117.0 r		98.6 r			
III	107.1 1 103.9 r	95.0 r	91.4 r	114.2 r	103.1 r	100.3 r		112.3 r		108.9 r		
II	102.1 r	94.6 r	92.6 r	113.4 r	103.7 r	111.0 r		114.0 r		109.5 r		
Ι	100.5 r	95.6 r	95.1	111.4 r	102.3 r	110.7 r		114.1 r	82.9 r			
2008 ANNUA		103.4	100.5	111.2	100.8	108.0	113.6	109.6	91.6	107.3		
2008 IV III	103.3 r 104.2	101.3 104.5	98.0 r 100.3	113.2 r 111.5	103.4 r 99.5	109.6 107.0	117.9 112.5	111.9 108.5	88.3 102.1	108.9 107.7		
II	104.2	104.3	100.5	110.3	99.9	107.0	112.4	109.1	88.4	106.5		
I	101.9 r	104.0	102.1 r	109.8 r	100.7 r	107.7	111.6	108.8	87.3	106.1		
2007 ANNUA	L 102.6	104.8	102.2	107.3	101.0	104.6	109.2	105.9	100.0	105.1		
2007 IV	103.2	105.4	102.1	109.1	101.2	105.8	111.5	107.4	93.3	105.6		
III	101.9 102.7	104.1 105.1	102.2 102.3	107.4 106.7	100.8	105.4 103.9	110.8 107.8	106.9 105.0	94.3 106.7	105.3 105.2		
I	102.7	104.7	102.3	106.7	101.3	103.5	106.5	104.4	105.7	103.2		

r=revised

August 8, 2012 Source: Bureau of Labor Statistics