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PRODUCTIVITY AND COSTS

Second Quarter 2007, Preliminary

The Bureau of Labor Statistics of the U.S. Department of Labor today reported preliminary productivity data—as measured by output per hour of all persons—for the second quarter of 2007. The preliminary seasonally adjusted annual rates of productivity change in the second quarter were:

2.6 percent in the business sector and
1.8 percent in the nonfarm business sector.

These rates of growth are higher than those for the first quarter of 2007, when productivity increased 0.2 percent in the business sector and 0.7 percent in the nonfarm business sector.

In manufacturing, the preliminary productivity changes in the second quarter were:

1.6 percent in manufacturing,
4.7 percent in durable goods manufacturing, and
-1.9 percent in nondurable goods manufacturing.

Productivity in the total manufacturing sector grew 1.6 percent in the second quarter of 2007, as output increased 3.5 percent and hours increased 1.8 percent (seasonally adjusted annual rates). Growth in output and productivity was concentrated in the durable goods subsector. Output and hours in manufacturing, which includes about 12 percent of U.S. business-sector employment, tend to vary more from quarter to quarter than data for the aggregate business and nonfarm business sectors. Second-quarter measures are summarized in table A and appear in detail in tables 1 through 5.

Data in this release reflect the regular multi-year revisions to the national income and product accounts released by the Bureau of Economic Analysis of the U.S. Department of Commerce on July 27. The data also incorporate revised estimates of output in manufacturing and hours in all sectors. See Revised Measures, page 4.

The data sources and methods used in the preparation of the manufacturing series differ from those used in preparing the business and nonfarm business series, and these measures are not directly comparable. Output measures for business and nonfarm business are based on measures of gross domestic product prepared by the Bureau of Economic Analysis of the U.S. Department of Commerce. Quarterly output measures for manufacturing reflect indexes of industrial production independently prepared by the Board of Governors of the Federal Reserve System. See Technical Notes for further information on data sources (page 8).

Sector	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs
Percent change from preceding quarter						
Business	2.6	3.8	1.1	5.3	-0.7	2.6
Nonfarm business	1.8	4.2	2.3	3.9	-2.0	2.1
Manufacturing	1.6	3.5	1.8	2.8	-3.0	1.2
Durable	4.7	6.2	1.5	1.5	-4.2	-3.0
Nondurable	-1.9	0.3	2.3	5.4	-0.5	7.5
Percent change from same quarter a year ago						
Business	0.6	1.8	1.2	5.3	2.6	4.7
Nonfarm business	0.6	2.0	1.3	5.2	2.4	4.5
Manufacturing	2.9	1.7	-1.2	6.2	3.4	3.2
Durable	4.5	2.4	-2.0	6.9	4.1	2.3
Nondurable	0.6	1.0	0.4	5.0	2.2	4.3

Business

From the first quarter to the second quarter of 2007, business sector labor productivity increased at a 2.6-percent annual rate. Output increased 3.8 percent and hours of all persons engaged in the sector—employees, proprietors, and unpaid family workers—rose 1.1 percent (seasonally adjusted annual rates). As revised, output per hour rose at the same 0.2 percent annual rate as output in the first quarter of 2007, hours worked were unchanged from the previous quarter (tables 1 and B).

Hourly compensation increased 5.3 percent in the second quarter of 2007, more than the 3.3 percent gain in the first quarter (seasonally adjusted annual rates). This measure of compensation includes wages and salaries, supplements, employer contributions to employee benefit plans, and taxes. Real hourly compensation, which takes into account changes in consumer prices, fell 0.7 percent during the second quarter of 2007 as consumer prices increased 6.0 percent (seasonally adjusted annual rates).

Unit labor costs, which reflect changes in both hourly compensation and productivity, increased 2.6 percent during the second quarter of 2007 after rising 3.1 percent in the previous quarter. From the second quarter of 2006 to the second quarter of 2007, these costs increased 4.7 percent—the largest four-quarter increase since unit labor costs increased 4.8 percent between the third quarter of 1999 and the third quarter of 2000. The implicit price deflator for the business sector, which reflects changes in both unit labor costs and unit nonlabor payments, increased 2.5 percent in the second quarter and 4.1 percent in the first quarter.

Nonfarm Business

Productivity increased 1.8 percent in the nonfarm business sector during the second quarter of 2007 as output grew 4.2 percent and hours of all persons increased 2.3 percent (seasonally adjusted annual rates). Revised results for first-quarter 2007 show that productivity increased 0.7 percent, output rose 0.3 percent, and hours declined 0.3 percent (tables 2 and B). Nonfarm business output per hour had increased at an average annual rate of 2.7 percent from 2000 through 2006.

Hourly compensation in the nonfarm business sector increased 3.9 percent in the second quarter of 2007, similar to a 3.7-percent rise one quarter earlier. When the 6.0-percent rise in consumer prices is taken into account, real hourly compensation fell 2.0 percent in the second quarter of 2007. It had fallen 0.2 percent in the first quarter.

Unit labor costs increased 2.1 percent in the second quarter of 2007 and 3.0 percent in the first quarter. As in the total business sector, unit labor costs increased more from the second quarter of 2006 to the second quarter of 2007, 4.5 percent, than during any four-quarter period since third-quarter 1999 to third-quarter 2000, when they increased 5.0 percent. The implicit price deflator for nonfarm business output grew 2.4 percent in the second quarter, following a 3.6-percent increase in the previous quarter.

Manufacturing

Productivity increased 1.6 percent in manufacturing, as output grew 3.5 percent and hours of all persons increased 1.8 percent (seasonally adjusted annual rates). All of the second-quarter productivity improvement occurred in durable goods industries, where productivity rose 4.7 percent, output grew 6.2 percent, and hours of all persons increased 1.5 percent. In nondurable goods industries, second-quarter productivity fell 1.9 percent reflecting increases in output of 0.3 percent and in hours of 2.3 percent. In the first quarter of 2007, total manufacturing productivity rose 1.7 percent, reflecting a 0.9-percent increase in output and a 0.8-percent decline in hours (tables 3, 4, and 5).

Hourly compensation of all manufacturing workers grew 2.8 percent during the second quarter of 2007, reflecting very different growth in the manufacturing subsectors. In durable goods industries, hourly compensation rose 1.5 percent, while in non-durable goods industries compensation per hour grew faster, 5.4 percent. When the increase in consumer prices is taken into account, the real hourly compensation of all manufacturing workers fell 3.0 percent in the second quarter after increasing 2.8 percent one quarter earlier.

Unit labor costs in manufacturing rose 1.2 percent in the second quarter of 2007, showing the combined effect of a 3.0 percent decline in durable goods industries and a 7.5 percent increase in nondurable goods industries.

Revised Measures

Revised and previous measures for the first quarter of 2007 for the business, nonfarm business, and manufacturing sectors are compared in table B. In all sectors, productivity growth was revised down, reflecting both smaller increases in output and smaller declines in hours than previously reported. In business and nonfarm business, upward revisions to hourly compensation combined with the smaller productivity gains to produce upward revisions to unit labor costs. In manufacturing, hourly compensation increased slightly less than reported June 6, so the upward revision to unit labor costs was due solely to the downward revision in productivity growth.

Table B. Previous and revised productivity and related measures Quarterly percent changes at seasonally adjusted annual rates						
Sector	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs
First quarter 2007						
Business:						
Previous	0.5	0.4	-0.1	2.5	-1.4	1.9
Revised.....	0.2	0.2	0.0	3.3	-0.5	3.1
Nonfarm business:						
Previous	1.0	0.6	-0.4	2.8	-1.0	1.8
Revised.....	0.7	0.3	-0.3	3.7	-0.2	3.0
Manufacturing:						
Previous	2.4	1.2	-1.1	6.9	3.0	4.5
Revised.....	1.7	0.9	-0.8	6.8	2.8	5.0

Table C presents previous and revised productivity and related measures for major sectors for the years 2004, 2005, and 2006. Output data for the business and nonfarm business sectors, and the compensation series for all sectors, incorporate the revised national income and product accounts data released by the Bureau of Economic Analysis, U.S. Department of Commerce, on July 27. Revisions for these sectors go back to the second quarter of 2001.

Output and productivity growth in the business and nonfarm business sectors were revised downward in each year from 2004 to 2006. The 1.0-percent productivity gains in 2006 are small compared to recent years. Productivity had increased at average annual rates of 3.1 percent in business and 3.0 percent in nonfarm business from 2000 through 2005. Hourly compensation was revised down more than productivity in these sectors for the year 2006, resulting in smaller increases in unit labor costs than reported in the June 6 release.

Table C. Previous and revised productivity and related measures Annual percent changes						
Sector	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs
Annual average 2006						
Business:						
Previous	1.7	3.8	2.1	5.0	1.6	3.2
Revised.....	1.0	3.1	2.1	3.9	0.6	2.9
Nonfarm business:						
Previous	1.6	3.8	2.1	5.0	1.6	3.3
Revised.....	1.0	3.2	2.2	3.9	0.6	2.9
Manufacturing:						
Previous	4.0	5.0	1.0	4.1	0.7	0.1
Revised.....	4.0	4.9	0.9	2.5	-0.8	-1.5
Annual average 2005						
Business:						
Previous	2.1	3.7	1.6	4.2	0.8	2.0
Revised.....	2.0	3.6	1.6	4.0	0.6	2.0
Nonfarm business:						
Previous	2.1	3.8	1.6	4.1	0.8	2.0
Revised.....	1.9	3.6	1.6	4.0	0.7	2.0
Manufacturing:						
Previous	4.8	3.6	-1.1	4.7	1.3	-0.1
Revised.....	4.8	3.5	-1.2	4.2	0.8	-0.6
Annual average 2004						
Business:						
Previous	3.1	4.4	1.3	3.8	1.1	0.7
Revised.....	2.9	4.2	1.3	3.7	1.1	0.9
Nonfarm business:						
Previous	2.9	4.3	1.4	3.6	0.9	0.7
Revised.....	2.7	4.1	1.4	3.6	0.9	0.9
Manufacturing:						
Previous	1.8	1.3	-0.5	2.0	-0.7	0.2
Revised.....	2.1	1.8	-0.3	2.0	-0.6	-0.1

Output data for the manufacturing sector also were revised. Annual output indexes are constructed by BLS using data from the Bureau of the Census and the Bureau of Economic Analysis (BEA), both in the U.S. Department of Commerce, together with information on price changes, primarily from the Bureau of Labor Statistics.

This release also reports revised data on hours at work and related measures for the manufacturing, durable manufacturing, and nondurable manufacturing sectors. The hours revision reflects extension of the methodology, already used in the business sectors, which utilizes information on employment and hours by primary and secondary job of self-employed and unpaid family workers from the BLS Current Population Survey. (See "Construction of Employment and Hours for Self-employed and other Nonfarm workers and for all Farm workers, using Current Population Survey data for primary and secondary jobs," on the productivity and costs home page, <http://www.bls.gov/lpc/home.htm> .)

Manufacturing productivity grew 4.8 percent in 2005 and 4.0 percent in 2006, the same as reported June 6. Hourly compensation and unit labor costs were revised down in both years. For 2004, productivity was revised up to 2.1 percent, as an upward revision to output was partially offset by an upward revision to hours. Because hourly compensation was not revised for 2004, the larger increase in productivity implied a downward revision to unit labor costs. The average annual rate of productivity growth in manufacturing for the 2000 to 2006 period was unchanged at 4.2 percent per year.

Revised quarterly series appear in tables 1-5 and appendix tables 1-5. Complete annual series for the manufacturing sectors appear in appendix tables 7 through 9. Links to tables showing the full historical revisions including the quarterly measures will be posted on the productivity and costs home page, <http://www.bls.gov/lpc/home.htm> .

Revised Measures: Nonfinancial Corporations

Productivity and costs measures for the first quarter of 2007 for nonfinancial corporations also were revised (table D). Increases in productivity and output were revised down to 0.2 percent and 0.4 percent, respectively (seasonally adjusted annual rates). Hourly compensation was revised down by more than productivity, and unit labor costs increased 3.6 percent, rather than 4.1 percent as reported June 6. The change in unit profits in the first quarter of 2007 was revised up from 6.8 percent to 12.4 percent.

Table D. Nonfinancial corporations: Previous and revised productivity and cost measures Percent changes at seasonally adjusted annual rates								
	Produc- tivity	Output	Hours	Hourly compen- sation	Real hourly compen- sation	Unit labor costs	Unit profits	Implicit price deflator
First quarter 2007								
Previous.....	0.6	0.7	0.1	4.7	0.8	4.1	6.8	3.7
Revised.....	0.2	0.4	0.2	3.8	-0.1	3.6	12.4	3.9
Annual average 2006								
Previous.....	2.5	4.8	2.2	4.8	1.4	2.2	12.2	2.7
Revised.....	1.3	3.5	2.2	3.5	0.2	2.2	5.0	2.2
Annual average 2005								
Previous.....	2.3	4.0	1.6	4.1	0.8	1.8	12.6	3.3
Revised.....	1.1	2.7	1.6	3.8	0.5	2.7	7.0	3.3
Annual average 2004								
Previous.....	3.1	4.5	1.4	3.2	0.5	0.1	26.9	2.1
Revised.....	3.5	4.9	1.4	3.0	0.3	-0.5	32.0	2.1

Historical data for nonfinancial corporations also were revised due to incorporation of revised data on output and compensation from the national income and product accounts.

For the year 2006, output and output per hour were revised down, hourly compensation was revised down by a similar amount, and unit labor costs remained unchanged. In 2005, the downward revision to productivity was larger than that to hourly compensation, and unit labor costs increased more than reported June 6. The rates of productivity growth in 2005 and 2006, 1.1 percent and 1.3 percent, respectively, are smaller than the 3.3-percent average annual growth rate from 2000 to 2004. In the year 2004, productivity growth was revised up along with output. Unit labor costs fell 0.5 percent rather than rising 0.1 percent. Revised data for nonfinancial corporations appear in table 6 and appendix table 6.

Next release date

The next release of **Productivity and Costs** is scheduled for **8:30 a.m. EDT, Thursday, Sept. 6, 2007**. Revised second-quarter measures for business, nonfarm business, and manufacturing will be released at that time, along with preliminary measures for nonfinancial corporations.

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 an annual-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 78 percent of the value of GDP in 2000. Nonfarm business, which also excludes farming, accounted for about 77 percent of GDP in 2000.

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 an annual-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 54 percent of the value of GDP in 2000.

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: 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 index number series where 1992=100, as percent changes from the corresponding quarter of the previous year, and as percent changes from the previous quarter presented at a compound annual rate. 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, <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)

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 non-labor payments (3)	Implicit price deflator (4)
Indexes 1992=100								
2005	I	r134.4	r157.2	r117.0	r161.4	r120.3	r120.1	r123.1
	II	r134.3	r158.5	r118.0	r161.7	r119.4	r120.4	r123.9
	III	r135.9	r160.6	r118.2	r164.2	r119.6	r120.8	r125.0
	IV	r135.5	r161.0	r118.8	r165.4	r119.4	r122.0	r126.1
	ANNUAL	r135.0	r159.3	r118.0	r163.2	r119.7	r120.9	r124.5
2006	I	r136.4	r163.2	r119.6	r168.2	r120.9	r123.4	r127.0
	II	r136.6	r164.2	r120.2	r168.1	r119.3	r123.0	r128.0
	III	r136.1	r164.4	r120.8	r168.7	r118.9	r124.0	r128.7
	IV	r136.5	r165.5	r121.2	r173.4	r122.8	r127.0	r128.9
	ANNUAL	r136.4	r164.3	r120.5	r169.6	r120.4	r124.3	r128.2
2007	I	r136.6	r165.6	r121.2	r174.8	r122.6	r128.0	r130.2
	II	137.5	167.1	121.6	177.0	122.4	128.8	131.0
Percent change from previous quarter at annual rate(5)								
2005	I	r3.0	r3.7	r0.7	r3.0	r1.1	r0.0	r9.1
	II	r-0.3	r3.3	3.6	r0.7	r-3.1	r1.0	r5.1
	III	r4.9	r5.5	0.6	r6.2	r0.7	r1.3	r7.1
	IV	r-1.1	r1.0	2.1	r2.9	r-0.5	r4.0	r3.1
	ANNUAL	r2.0	r3.6	1.6	r4.0	r0.6	2.0	r4.9
2006	I	r2.5	r5.5	r2.9	r7.2	r5.1	r4.6	r0.0
	II	r0.8	r2.5	1.7	r-0.4	r-5.1	r-1.2	r10.7
	III	r-1.5	r0.6	2.2	r1.6	r-1.6	r3.1	r0.5
	IV	r1.2	r2.6	1.4	r11.4	r13.8	r10.1	r-12.4
	ANNUAL	r1.0	r3.1	2.1	r3.9	r0.6	r2.9	r2.9
2007	I	r0.2	r0.2	r0.0	r3.3	r-0.5	r3.1	r5.7
	II	2.6	3.8	1.1	5.3	-0.7	2.6	2.5
Percent change from corresponding quarter of previous year								
2005	I	2.5	3.8	r1.2	r5.0	r1.9	r2.4	r4.1
	II	1.5	r3.5	2.0	r3.8	0.9	2.3	r3.6
	III	2.4	3.9	1.5	r4.0	r0.3	r1.6	r5.8
	IV	r1.6	r3.4	1.7	r3.2	r-0.5	1.6	r6.1
	ANNUAL	r2.0	r3.6	1.6	r4.0	r0.6	2.0	r4.9
2006	I	r1.5	r3.8	2.3	r4.2	r0.5	r2.7	r3.8
	II	r1.7	r3.6	1.8	r3.9	r0.0	r2.2	r5.1
	III	r0.2	r2.4	2.2	r2.8	r-0.6	r2.6	r3.5
	IV	r0.7	r2.8	r2.1	r4.8	r2.8	r4.1	r-0.6
	ANNUAL	r1.0	r3.1	2.1	r3.9	r0.6	r2.9	r2.9
2007	I	r0.2	r1.5	1.3	r3.9	r1.4	r3.7	r0.8
	II	0.6	1.8	1.2	5.3	2.6	4.7	-1.2

See footnotes following Table 6.
r=revised

August 7, 2007

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 non-labor payments (3)	Implicit price deflator (4)	
Indexes 1992=100									
2005	I	r133.4	r157.4	r118.0	r160.3	r119.5	r120.2	r129.6	r123.6
	II	r133.5	r158.6	r118.8	r160.9	r118.8	r120.5	r131.3	r124.5
	III	r135.0	r160.8	r119.1	r163.2	r118.8	r120.9	r133.7	r125.6
	IV	r134.5	r161.2	r119.8	r164.2	r118.6	r122.1	r134.8	r126.8
	ANNUAL	r134.1	r159.5	r118.9	r162.1	r118.9	r120.9	r132.4	r125.1
2006	I	r135.3	r163.4	r120.8	r167.1	r120.1	r123.5	r135.0	r127.7
	II	r135.6	r164.4	r121.2	r167.0	r118.6	r123.2	r138.7	r128.9
	III	r135.0	r164.7	r122.0	r167.5	r118.0	r124.0	r138.6	r129.4
	IV	r135.6	r165.7	r122.2	r172.4	r122.1	r127.1	r133.6	r129.5
	ANNUAL	r135.4	r164.5	r121.5	r168.5	r119.7	r124.5	r136.5	r128.9
2007	I	r135.9	r165.9	r122.1	r174.0	r122.1	r128.1	r135.1	r130.6
	II	136.5	167.6	122.8	175.7	121.5	128.7	136.0	131.4
Percent change from previous quarter at annual rate(5)									
2005	I	r3.7	r3.9	r0.2	r3.6	r1.6	r-0.1	r10.4	r3.8
	II	r0.3	r3.2	2.9	r1.5	r-2.4	r1.2	r5.1	r2.7
	III	r4.4	r5.6	1.1	r5.7	r0.2	r1.3	r7.8	r3.8
	IV	r-1.4	r0.9	r2.4	r2.6	r-0.8	r4.1	r3.2	r3.7
	ANNUAL	r1.9	r3.6	1.6	r4.0	r0.7	2.0	r5.5	r3.4
2006	I	r2.5	r5.7	r3.1	r7.2	r5.1	r4.6	r0.5	r3.0
	II	r0.8	r2.4	r1.6	r-0.2	r-5.0	r-1.0	r11.5	r3.7
	III	r-1.6	r0.8	2.4	r1.3	r-1.8	r2.9	r-0.4	r1.6
	IV	r1.8	r2.6	0.8	r12.2	r14.6	r10.3	r-13.6	r0.3
	ANNUAL	r1.0	r3.2	r2.2	r3.9	r0.6	r2.9	r3.1	r3.0
2007	I	r0.7	r0.3	r-0.3	r3.7	r-0.2	r3.0	r4.6	r3.6
	II	1.8	4.2	2.3	3.9	-2.0	2.1	2.8	2.4
Percent change from corresponding quarter of previous year									
2005	I	r2.5	3.8	1.4	r4.9	r1.8	r2.3	r4.8	r3.3
	II	r1.4	r3.4	2.0	3.9	0.9	r2.5	r4.3	r3.2
	III	r2.2	r3.8	r1.5	r4.0	r0.3	r1.7	r6.4	r3.5
	IV	r1.7	r3.4	r1.7	r3.3	r-0.4	r1.6	r6.6	r3.5
	ANNUAL	r1.9	r3.6	1.6	r4.0	r0.7	2.0	r5.5	r3.4
2006	I	r1.4	r3.8	r2.4	r4.2	r0.5	r2.8	r4.1	r3.3
	II	r1.5	r3.6	2.0	r3.8	r-0.2	r2.2	r5.7	r3.5
	III	r0.1	r2.4	r2.4	r2.7	r-0.7	2.6	r3.6	r3.0
	IV	r0.9	r2.8	r2.0	r5.0	r3.0	r4.1	r-0.9	r2.2
	ANNUAL	r1.0	r3.2	r2.2	r3.9	r0.6	r2.9	r3.1	r3.0
2007	I	r0.4	r1.5	1.1	r4.1	r1.6	r3.7	r0.1	r2.3
	II	0.6	2.0	1.3	5.2	2.4	4.5	-1.9	2.0

See footnotes following Table 6.
r=revised

August 7, 2007
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	

Indexes 1992=100							
2005	I	r168.3	r142.7	r84.8	r166.2	r123.9	r98.7
	II	r170.9	r143.8	r84.1	r167.8	r123.9	r98.2
	III	r172.4	r144.5	r83.8	r170.2	r124.0	r98.7
	IV	r173.7	r147.3	r84.8	r168.8	r121.9	r97.2
	ANNUAL	r171.3	r144.6	r84.4	r168.3	r123.4	r98.2
2006	I	r175.4	r149.5	r85.2	r172.6	r124.1	r98.4
	II	r177.0	r151.6	r85.6	r170.1	r120.8	r96.1
	III	r179.8	r153.4	r85.3	r170.7	r120.2	r94.9
	IV	r180.7	r152.6	r84.4	r176.4	r125.0	r97.6
	ANNUAL	r178.2	r151.7	r85.1	r172.4	r122.5	r96.8
2007	I	r181.5	r152.9	r84.3	r179.4	r125.8	r98.8
	II	182.2	154.2	84.6	180.6	124.9	99.1

Percent change from previous quarter at annual rate(5)							
2005	I	r4.9	r4.6	r-0.3	r1.0	r-0.9	r-3.7
	II	r6.3	r3.1	r-3.0	r4.0	0.0	r-2.2
	III	r3.5	r2.1	r-1.4	r5.6	r0.1	r2.1
	IV	3.1	7.9	r4.6	r-3.1	r-6.4	r-6.0
	ANNUAL	4.8	r3.5	r-1.2	r4.2	r0.8	r-0.6
2006	I	r4.0	6.0	1.9	r9.4	r7.2	r5.1
	II	r3.7	5.7	r2.0	r-5.8	r-10.2	r-9.1
	III	r6.5	4.8	r-1.6	r1.4	r-1.8	r-4.8
	IV	r2.0	-2.1	r-4.0	r14.2	r16.6	r12.0
	ANNUAL	4.0	r4.9	r0.9	r2.5	r-0.8	r-1.5
2007	I	r1.7	r0.9	r-0.8	r6.8	r2.8	r5.0
	II	1.6	3.5	1.8	2.8	-3.0	1.2

Percent change from corresponding quarter of previous year							
2005	I	4.4	r3.1	r-1.2	r6.0	r2.9	r1.5
	II	r5.1	3.4	r-1.6	5.0	r2.1	0.0
	III	5.2	r3.3	r-1.9	r4.0	r0.3	r-1.1
	IV	r4.4	r4.4	0.0	r1.8	r-1.8	r-2.5
	ANNUAL	4.8	r3.5	r-1.2	r4.2	r0.8	r-0.6
2006	I	r4.2	r4.7	r0.5	r3.9	r0.1	r-0.3
	II	3.6	r5.4	1.8	r1.3	r-2.5	r-2.1
	III	r4.3	6.1	r1.7	r0.3	r-3.0	r-3.8
	IV	r4.0	3.6	r-0.5	r4.5	r2.5	r0.5
	ANNUAL	4.0	r4.9	r0.9	r2.5	r-0.8	r-1.5
2007	I	3.5	r2.3	-1.1	r3.9	r1.4	r0.4
	II	2.9	1.7	-1.2	6.2	3.4	3.2

See footnotes following Table 6.
r=revised

August 7, 2007
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	

Indexes 1992=100							
2005	I	r189.8	r169.7	r89.4	r161.4	r120.3	r85.0
	II	r193.4	r171.6	r88.8	r162.5	r120.0	r84.0
	III	r196.5	r174.5	r88.8	r165.2	r120.4	r84.1
	IV	r200.7	r180.5	r89.9	r163.6	r118.2	r81.5
	ANNUAL	r195.1	r174.1	r89.2	r163.2	r119.7	r83.6
2006	I	r202.7	r182.9	r90.3	r168.4	r121.0	r83.1
	II	r205.5	r187.1	r91.1	r165.7	r117.7	r80.7
	III	r210.1	r189.6	r90.3	r166.4	r117.3	r79.2
	IV	r211.5	r188.9	r89.3	r173.0	r122.5	r81.8
	ANNUAL	r207.4	r187.2	r90.2	r168.4	r119.6	r81.2
2007	I	r212.3	r188.7	r88.9	r176.6	r123.9	r83.1
	II	214.8	191.6	89.2	177.2	122.5	82.5

Percent change from previous quarter at annual rate(5)							
2005	I	r4.1	r5.5	r1.3	r0.4	r-1.5	r-3.6
	II	r7.7	r4.7	r-2.8	2.7	-1.2	r-4.7
	III	r6.6	r6.8	r0.2	r7.0	r1.4	r0.4
	IV	r8.9	r14.5	r5.2	r-3.8	r-7.0	r-11.7
	ANNUAL	r5.3	r5.0	r-0.3	r3.8	r0.5	r-1.4
2006	I	r3.9	5.5	r1.5	r12.1	r9.9	r7.9
	II	r5.7	9.4	r3.5	r-6.1	r-10.5	r-11.2
	III	r9.3	5.5	r-3.5	r1.7	r-1.5	r-6.9
	IV	r2.7	-1.4	r-4.1	r16.6	r19.1	r13.5
	ANNUAL	r6.3	7.5	r1.1	r3.2	r-0.1	r-2.9
2007	I	r1.6	r-0.5	r-2.0	r8.6	4.5	r6.9
	II	4.7	6.2	1.5	1.5	-4.2	-3.0

Percent change from corresponding quarter of previous year							
2005	I	r3.3	r3.0	r-0.3	r6.0	r2.9	r2.6
	II	r4.8	4.0	r-0.8	r4.4	r1.5	r-0.4
	III	r6.2	5.1	r-1.0	r3.5	r-0.2	r-2.5
	IV	r6.8	r7.8	0.9	r1.5	r-2.1	r-5.0
	ANNUAL	r5.3	r5.0	r-0.3	r3.8	r0.5	r-1.4
2006	I	r6.8	r7.8	r1.0	r4.3	r0.6	r-2.3
	II	r6.3	r9.0	r2.6	r2.0	r-1.9	r-4.0
	III	r6.9	8.7	r1.6	r0.7	r-2.6	r-5.8
	IV	r5.4	4.7	r-0.7	r5.7	r3.6	r0.3
	ANNUAL	r6.3	7.5	r1.1	r3.2	r-0.1	r-2.9
2007	I	4.8	3.2	-1.5	r4.9	r2.4	r0.1
	II	4.5	2.4	-2.0	6.9	4.1	2.3

See footnotes following Table 6.
r=revised

August 7, 2007
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	

Indexes 1992=100							
2005	I	r147.3	r114.7	r77.8	r173.3	r129.2	r117.6
	II	r149.1	r115.1	r77.2	r176.1	r130.0	r118.1
	III	r149.5	r114.2	r76.4	r177.3	r129.2	r118.6
	IV	r148.4	r114.4	r77.1	r176.5	r127.5	r118.9
	ANNUAL	r148.6	r114.6	r77.1	r175.8	r129.0	r118.3
2006	I	r149.8	r116.3	r77.6	r178.3	r128.2	r119.0
	II	r150.7	r116.8	r77.5	r175.9	r124.9	r116.7
	III	r151.6	r117.9	r77.8	r176.4	r124.3	r116.4
	IV	r152.0	r117.1	r77.0	r180.5	r127.9	r118.8
	ANNUAL	r151.0	r117.0	r77.5	r177.8	r126.3	r117.7
2007	I	r152.4	r117.8	r77.3	r182.2	r127.8	r119.5
	II	151.7	117.9	77.7	184.6	127.7	121.7

Percent change from previous quarter at annual rate(5)							
2005	I	6.4	r3.3	r-2.9	r1.8	r-0.2	r-4.3
	II	r4.9	r1.3	r-3.4	r6.5	r2.5	r1.6
	III	r1.0	r-3.0	r-4.0	r2.8	r-2.6	r1.7
	IV	r-2.9	r0.8	r3.8	r-1.9	r-5.2	r1.0
	ANNUAL	r4.8	r1.9	-2.7	r4.8	r1.4	r0.0
2006	I	r3.9	6.6	2.7	r4.3	r2.3	r0.4
	II	r2.4	1.7	r-0.7	r-5.4	r-9.9	r-7.6
	III	r2.4	4.1	r1.7	r1.2	r-2.0	r-1.2
	IV	r1.0	-2.9	r-3.9	r9.7	r12.0	r8.6
	ANNUAL	r1.6	r2.1	0.5	r1.1	r-2.1	r-0.5
2007	I	r1.2	r2.6	r1.4	r3.8	r-0.1	r2.5
	II	-1.9	0.3	2.3	5.4	-0.5	7.5

Percent change from corresponding quarter of previous year							
2005	I	6.3	r3.3	r-2.8	r5.9	r2.8	-0.4
	II	r5.8	r2.5	r-3.1	r6.1	r3.0	r0.2
	III	r4.7	r1.2	r-3.3	r4.9	r1.1	r0.1
	IV	r2.3	r0.6	-1.7	r2.3	r-1.4	r0.0
	ANNUAL	r4.8	r1.9	-2.7	r4.8	r1.4	r0.0
2006	I	r1.7	r1.4	r-0.3	r2.9	r-0.8	r1.2
	II	r1.1	1.5	r0.4	r-0.1	r-3.9	r-1.2
	III	r1.4	3.3	1.8	r-0.5	r-3.8	r-1.9
	IV	r2.4	2.3	r-0.1	r2.3	r0.3	-0.1
	ANNUAL	r1.6	r2.1	0.5	r1.1	r-2.1	r-0.5
2007	I	r1.7	r1.3	r-0.4	r2.2	r-0.3	r0.4
	II	0.6	1.0	0.4	5.0	2.2	4.3

See footnotes following Table 6.
r=revised

August 7, 2007
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 costs (7)	Unit profits (8)	Implicit price deflator (4)	

Indexes 1992=100											
2005	I	r140.3	r164.6	r117.3	r158.0	r117.8	r112.6	r111.5	r112.3	r151.9	r115.9
	II	r141.1	r166.8	r118.2	r158.5	r117.0	r112.3	r111.7	r112.1	r161.7	r116.6
	III	r140.5	r166.9	r118.8	r160.8	r117.1	r114.4	r115.1	r114.6	r147.5	r117.6
	IV	r141.4	r169.2	r119.7	r161.8	r116.9	r114.5	r112.8	r114.0	r159.5	r118.1
	ANNUAL	r140.8	r166.9	r118.5	r159.8	r117.2	r113.5	r112.8	r113.3	r155.2	117.0
2006	I	r142.4	r171.5	r120.4	r163.8	r117.8	r115.0	r112.5	r114.4	r164.4	r118.8
	II	r141.8	r171.5	r120.9	r163.9	r116.4	r115.6	r114.3	r115.2	r164.8	r119.7
	III	r142.9	r173.6	r121.5	r164.6	r115.9	r115.2	r113.8	r114.8	r172.6	r120.0
	IV	r143.3	r174.6	r121.8	r169.3	r119.9	r118.1	r114.5	r117.1	r150.0	r120.1
	ANNUAL	r142.6	r172.8	r121.2	r165.4	r117.5	r116.0	r113.8	r115.4	r162.9	r119.6
2007	I	r143.4	r174.8	r121.9	r170.8	r119.9	r119.1	r114.7	r118.0	r154.5	r121.2

Percent change from previous quarter at annual rate(5)											
2005	I	r0.3	r0.3	0.1	r2.7	r0.7	r2.4	r6.8	r3.6	r9.8	r4.3
	II	r2.2	r5.4	3.1	r1.2	r-2.6	r-1.0	r0.5	r-0.6	r28.4	r2.5
	III	r-1.6	r0.4	2.0	r6.1	r0.5	r7.8	r12.7	r9.1	r-30.8	r3.4
	IV	r2.4	r5.6	3.1	r2.4	r-1.0	r0.0	r-7.6	r-2.1	r36.9	r1.8
	ANNUAL	r1.1	r2.7	1.6	r3.8	r0.5	r2.7	3.0	r2.8	r7.0	3.3
2006	I	r3.1	r5.5	2.3	r5.2	r3.2	r2.0	r-1.0	r1.2	r12.7	r2.6
	II	r-1.8	r-0.1	1.7	r0.2	r-4.6	r2.0	r6.4	r3.1	r1.2	2.9
	III	r3.1	r5.0	1.9	r1.6	r-1.5	r-1.4	r-1.5	r-1.5	r20.1	r1.0
	IV	1.3	2.4	r1.2	r11.9	r14.3	r10.5	r2.2	r8.3	r-42.9	r0.3
	ANNUAL	r1.3	r3.5	2.2	r3.5	r0.2	2.2	r0.9	r1.9	r5.0	r2.2
2007	I	r0.2	r0.4	r0.2	r3.8	r-0.1	r3.6	r0.9	r2.9	r12.4	r3.9

Percent change from corresponding quarter of previous year											
2005	I	r2.2	r3.3	1.1	r4.8	r1.7	r2.5	r1.8	r2.3	r12.4	r3.4
	II	r1.6	r3.3	1.7	r3.7	r0.7	r2.1	2.1	r2.1	r10.9	r3.1
	III	r-0.1	r1.5	1.7	r3.8	r0.1	r4.0	r5.4	r4.3	r-2.1	3.6
	IV	r0.8	r2.9	2.1	r3.1	r-0.6	r2.3	r2.8	r2.4	r7.5	r3.0
	ANNUAL	r1.1	r2.7	1.6	r3.8	r0.5	r2.7	3.0	r2.8	r7.0	3.3
2006	I	r1.5	r4.2	2.6	r3.7	r0.0	r2.2	r0.9	r1.8	r8.2	r2.6
	II	r0.5	r2.8	2.3	r3.4	r-0.5	r2.9	r2.3	r2.8	r1.9	r2.7
	III	r1.7	r4.0	r2.3	r2.3	r-1.0	r0.6	r-1.1	r0.2	r17.0	r2.1
	IV	r1.4	r3.2	1.8	r4.6	r2.6	r3.2	r1.5	r2.7	r-5.9	r1.7
	ANNUAL	r1.3	r3.5	2.2	r3.5	r0.2	2.2	r0.9	r1.9	r5.0	r2.2
2007	I	r0.7	r1.9	r1.3	r4.3	r1.8	r3.6	r2.0	r3.1	r-6.0	2.0

See footnotes following Table 6.
r=revised

August 7, 2007
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. Compensation and hours 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 -1.6 and +1.4 index points approximately 95 percent of the time. This interval is based on the performance of this measure between the fourth quarter of 1995 and the first quarter of 2007.

Footnotes, Tables 1-6

- (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 1978-2006 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 from the original data rather than index numbers. Annual changes: Percent change between annual average levels.
- (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

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 non-labor payments (3)	Implicit price deflator (4)	
Indexes 1992=100									
2002	I	r122.8	141.9	r115.5	143.7	r115.6	117.0	r113.2	115.6
	II	123.4	142.6	115.6	145.4	116.0	117.9	112.6	115.9
	III	124.8	143.8	115.2	146.1	116.0	117.1	114.7	116.2
	IV	r124.8	144.0	r115.4	146.1	r115.3	117.1	116.0	116.7
	ANNUAL	123.9	143.1	115.4	145.3	115.7	117.3	114.1	116.1
2003	I	r125.8	144.4	r114.8	r148.1	r115.7	r117.7	r116.5	117.3
	II	r127.9	146.0	r114.1	r150.8	r117.8	r117.9	116.7	117.4
	III	r130.8	149.7	r114.5	r152.5	r118.4	r116.6	r120.2	118.0
	IV	r130.3	150.1	r115.2	r153.6	r118.9	117.9	r119.5	118.5
	ANNUAL	r128.7	147.5	r114.6	r151.2	r117.7	117.5	118.3	117.8
2004	I	r131.1	r151.4	r115.5	r153.8	r118.1	r117.3	r123.1	r119.5
	II	r132.3	r153.1	r115.7	r155.8	r118.4	r117.7	r125.3	r120.5
	III	r132.7	r154.6	r116.5	r157.8	r119.2	r118.9	r124.7	r121.1
	IV	r133.4	r155.7	r116.8	r160.2	r120.0	r120.1	r125.4	r122.1
	ANNUAL	r132.4	r153.7	r116.1	r156.9	r118.9	r118.5	r124.6	r120.8
Percent change from previous quarter at annual rate(5)									
2002	I	5.6	2.6	-2.9	5.7	4.2	0.1	0.4	0.2
	II	1.8	2.1	0.3	4.7	1.4	2.8	-2.1	1.0
	III	4.8	3.6	-1.2	2.0	-0.1	-2.7	7.9	1.0
	IV	-0.2	0.5	0.6	-0.1	-2.5	0.1	4.6	1.7
	ANNUAL	4.1	1.5	-2.5	3.5	1.9	-0.5	3.8	1.0
2003	I	3.3	1.1	-2.2	5.5	1.7	2.1	1.7	1.9
	II	r6.9	4.6	-2.2	r7.5	7.2	0.6	0.6	0.6
	III	9.1	10.4	1.2	r4.6	r2.1	-4.1	12.5	1.8
	IV	r-1.4	1.1	2.5	2.9	1.8	4.3	-2.1	1.8
	ANNUAL	3.8	3.1	-0.7	4.1	1.7	0.2	3.6	1.5
2004	I	r2.4	r3.7	1.2	r0.6	r-2.9	r-1.8	r12.4	r3.4
	II	r3.9	r4.4	0.5	r5.2	r1.0	r1.3	r7.5	3.6
	III	r1.2	r4.0	2.8	r5.3	r3.0	r4.1	-1.8	r1.8
	IV	r2.0	r3.0	1.0	r6.3	r2.6	r4.2	r2.2	r3.5
	ANNUAL	r2.9	r4.2	1.3	r3.7	1.1	r0.9	r5.4	2.6
Percent change from corresponding quarter of previous year									
2002	I	4.8	0.5	-4.1	3.4	2.2	-1.3	6.3	1.3
	II	3.9	0.8	-2.9	3.9	2.5	0.0	2.4	0.9
	III	4.7	2.5	-2.1	3.8	2.2	-0.8	3.9	0.9
	IV	3.0	2.2	-0.8	3.1	0.7	0.1	2.6	1.0
	ANNUAL	4.1	1.5	-2.5	3.5	1.9	-0.5	3.8	1.0
2003	I	2.4	1.8	-0.6	3.0	0.1	0.6	2.9	1.4
	II	3.7	2.4	-1.3	3.7	1.5	0.0	3.6	1.3
	III	4.7	4.0	-0.7	4.4	2.1	-0.4	4.7	1.5
	IV	4.4	4.2	-0.2	5.1	3.2	0.7	3.0	1.5
	ANNUAL	3.8	3.1	-0.7	4.1	1.7	0.2	3.6	1.5
2004	I	r4.2	r4.9	r0.7	r3.9	r2.0	r-0.3	r5.6	1.9
	II	r3.4	r4.8	r1.4	3.3	0.5	r-0.1	r7.4	r2.6
	III	r1.5	r3.3	1.7	r3.5	r0.7	r1.9	r3.8	r2.6
	IV	2.4	3.8	1.4	r4.3	r0.9	r1.9	r4.9	r3.0
	ANNUAL	r2.9	r4.2	1.3	r3.7	1.1	r0.9	r5.4	2.6

See footnotes following Table 6.
r=revised

August 7, 2007

Source: Bureau of Labor Statistics

Appendix table 2. Nonfarm business sector: Revised 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 non-labor payments (3)	Implicit price deflator (4)	
Indexes 1992=100									
2002	I	122.7	142.5	r116.1	r143.1	r115.1	116.6	115.0	116.0
	II	r122.9	143.0	r116.3	r144.6	r115.4	117.7	114.8	116.6
	III	124.2	144.1	116.0	145.3	115.3	117.0	116.6	116.9
	IV	124.1	144.1	116.1	r145.4	r114.7	117.1	117.7	117.3
	ANNUAL	123.5	143.4	116.1	144.6	115.1	117.1	116.0	116.7
2003	I	r125.2	144.6	r115.5	r147.3	r115.2	117.7	118.3	117.9
	II	r126.9	146.1	r115.1	r149.7	r116.9	118.0	118.1	118.0
	III	r130.1	150.0	r115.3	r151.7	r117.8	r116.6	121.5	118.4
	IV	r129.9	150.6	r115.9	r152.9	r118.4	r117.7	r120.5	118.7
	ANNUAL	r128.0	147.8	r115.4	r150.4	r117.1	117.5	r119.6	118.3
2004	I	r130.2	r151.5	r116.4	r152.9	r117.4	r117.4	r123.7	r119.7
	II	r131.7	r153.4	r116.5	r154.9	r117.7	r117.6	r125.9	r120.6
	III	r132.0	r154.9	r117.3	r156.8	r118.5	r118.8	r125.7	r121.4
	IV	r132.2	r155.9	r117.9	r158.9	r119.0	r120.2	r126.5	r122.5
	ANNUAL	r131.5	r153.9	r117.0	r155.9	r118.2	r118.5	r125.5	r121.1
Percent change from previous quarter at annual rate(5)									
2002	I	6.9	3.5	-3.2	6.2	4.7	-0.7	1.2	0.0
	II	0.7	1.4	0.6	4.4	1.2	3.6	-0.9	2.0
	III	4.2	3.1	-1.0	1.9	-0.2	-2.2	6.6	0.9
	IV	-0.1	0.1	0.2	0.1	-2.3	0.2	3.9	1.6
	ANNUAL	4.1	1.5	-2.6	3.6	2.0	-0.5	4.0	1.1
2003	I	3.4	1.2	-2.1	5.5	1.7	2.0	1.8	2.0
	II	5.7	4.3	-1.3	6.7	6.4	1.0	-0.6	0.4
	III	10.4	11.0	0.5	5.4	2.9	-4.5	11.9	1.3
	IV	-0.5	1.6	2.2	3.3	2.2	3.8	-3.2	1.1
	ANNUAL	3.7	3.1	-0.6	4.0	1.7	0.3	3.1	1.3
2004	I	r0.9	r2.6	1.7	r-0.2	r-3.6	r-1.0	r11.3	r3.4
	II	r4.7	r5.0	0.3	r5.3	r1.1	r0.6	r7.1	r3.0
	III	r0.9	r3.8	3.0	r5.2	r2.9	r4.3	-0.4	2.4
	IV	r0.7	r2.6	2.0	r5.4	r1.7	r4.7	r2.4	r3.8
	ANNUAL	r2.7	r4.1	1.4	3.6	0.9	r0.9	r4.9	2.4
Percent change from corresponding quarter of previous year									
2002	I	5.1	0.7	-4.2	3.5	2.2	-1.6	6.5	1.2
	II	3.9	0.8	-3.0	4.0	2.6	0.1	2.8	1.0
	III	4.5	2.3	-2.1	3.9	2.3	-0.6	4.1	1.1
	IV	2.9	2.0	-0.8	3.1	0.8	0.2	2.7	1.1
	ANNUAL	4.1	1.5	-2.6	3.6	2.0	-0.5	4.0	1.1
2003	I	2.0	1.5	-0.6	3.0	0.1	0.9	2.8	1.6
	II	3.3	2.2	-1.0	3.5	1.3	0.2	2.9	1.2
	III	4.8	4.1	r-0.6	4.4	2.1	-0.4	4.2	1.3
	IV	4.7	4.5	-0.2	5.2	3.3	0.5	2.3	1.2
	ANNUAL	3.7	3.1	-0.6	4.0	1.7	0.3	3.1	1.3
2004	I	r4.0	r4.8	0.8	r3.8	r1.9	r-0.3	r4.6	1.6
	II	r3.8	r5.0	1.2	3.4	0.6	r-0.3	r6.6	r2.2
	III	r1.5	r3.3	1.8	r3.4	r0.6	r1.9	r3.5	2.5
	IV	1.8	r3.5	1.7	r3.9	r0.5	r2.1	r5.0	3.2
	ANNUAL	r2.7	r4.1	1.4	3.6	0.9	r0.9	r4.9	2.4

See footnotes following Table 6.
r=revised

August 7, 2007

Source: Bureau of Labor Statistics

Appendix table 3. Manufacturing sector: Revised 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	

Indexes 1992=100							
2002	I	r147.0	r134.2	r91.2	r144.6	r116.3	r98.3
	II	r149.9	r136.0	r90.7	r147.6	r117.8	r98.4
	III	r152.3	r136.9	r89.8	r149.1	r118.3	r97.9
	IV	r154.1	r136.6	r88.7	r150.1	r118.4	r97.4
	ANNUAL	r150.8	r135.9	r90.1	r147.8	r117.7	r98.0
2003	I	r157.3	r137.3	r87.3	r154.5	r120.8	r98.2
	II	r159.2	r136.5	r85.8	r157.2	r122.8	r98.8
	III	r162.4	r137.2	r84.5	r159.4	r123.7	r98.1
	IV	r161.8	r138.0	r85.3	r161.8	r125.3	r100.0
	ANNUAL	r160.1	r137.3	r85.7	r158.2	r123.1	r98.8
2004	I	r161.2	r138.4	r85.8	r156.8	r120.4	r97.2
	II	r162.7	r139.1	r85.5	r159.8	r121.4	r98.2
	III	r163.8	r140.0	r85.5	r163.5	r123.6	r99.8
	IV	r166.4	r141.1	r84.8	r165.8	r124.2	r99.7
	ANNUAL	r163.5	r139.7	r85.4	r161.5	r122.4	r98.7

Percent change from previous quarter at annual rate(5)							
2002	I	r9.4	r2.3	r-6.5	17.1	15.4	r7.0
	II	r8.1	r5.7	r-2.3	8.7	5.3	r0.6
	III	r6.6	r2.6	r-3.8	4.2	2.0	r-2.3
	IV	r4.7	r-0.8	r-5.2	2.8	0.3	r-1.8
	ANNUAL	r6.9	r-0.7	-7.1	7.3	5.6	r0.3
2003	I	r8.7	r2.1	r-6.1	12.2	8.2	r3.3
	II	r4.7	r-2.3	r-6.7	7.2	6.9	r2.4
	III	r8.4	r1.9	-6.0	5.5	3.0	r-2.7
	IV	r-1.5	r2.6	r4.1	6.4	5.3	r8.0
	ANNUAL	6.2	1.0	-4.9	7.0	4.7	0.8
2004	I	r-1.4	r1.1	r2.5	r-11.9	r-14.9	r-10.7
	II	r3.6	r2.1	r-1.4	r7.8	r3.5	r4.1
	III	r2.8	r2.4	r-0.4	r9.8	r7.4	r6.8
	IV	r6.4	r3.3	r-2.9	r5.6	r2.0	r-0.7
	ANNUAL	r2.1	r1.8	r-0.3	2.0	r-0.6	r-0.1

Percent change from corresponding quarter of previous year							
2002	I	r5.4	r-4.5	r-9.3	4.7	3.4	r-0.6
	II	r6.8	r-1.5	-7.8	7.5	6.1	r0.6
	III	r8.2	r1.1	-6.6	8.8	7.2	r0.6
	IV	7.2	r2.4	r-4.5	8.0	5.6	r0.8
	ANNUAL	r6.9	r-0.7	-7.1	7.3	5.6	r0.3
2003	I	r7.0	r2.4	-4.3	6.9	3.9	r-0.1
	II	r6.1	0.4	-5.4	6.5	4.3	r0.4
	III	r6.6	0.2	-6.0	6.9	r4.6	0.3
	IV	r5.0	r1.0	r-3.8	7.8	5.8	2.7
	ANNUAL	6.2	1.0	-4.9	7.0	4.7	0.8
2004	I	r2.5	r0.8	r-1.6	r1.5	r-0.4	r-1.0
	II	r2.2	r1.9	r-0.3	1.6	r-1.1	r-0.6
	III	r0.9	r2.0	r1.2	r2.6	r-0.1	r1.7
	IV	r2.8	r2.2	r-0.6	r2.4	r-0.9	r-0.4
	ANNUAL	r2.1	r1.8	r-0.3	2.0	r-0.6	r-0.1

See footnotes following Table 6.
r=revised

August 7, 2007
Source: Bureau of Labor Statistics

Appendix table 4. Durable manufacturing sector: Revised 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	

Indexes 1992=100							
2002	I	r165.1	r156.7	r94.9	141.9	r114.1	r85.9
	II	r169.0	r159.7	r94.5	r145.0	r115.7	r85.8
	III	r172.5	r161.3	r93.5	r146.1	r116.0	r84.7
	IV	r175.8	r161.3	r91.7	r147.3	r116.2	r83.8
	ANNUAL	r170.5	r159.8	r93.7	r145.0	r115.4	r85.1
2003	I	r179.0	r161.7	r90.4	r153.0	r119.6	r85.5
	II	r181.0	r160.5	r88.7	r155.8	r121.7	r86.1
	III	r185.9	r162.2	r87.2	r158.0	r122.7	r85.0
	IV	r184.9	r163.7	r88.5	160.5	124.3	r86.8
	ANNUAL	r182.6	r162.0	r88.7	r156.8	r122.0	r85.8
2004	I	r183.8	r164.8	r89.6	r152.3	r116.9	r82.8
	II	r184.4	r165.0	r89.5	r155.6	r118.2	r84.3
	III	r185.1	r166.1	r89.7	r159.6	r120.6	r86.2
	IV	r187.9	r167.4	r89.1	r161.2	r120.8	r85.8
	ANNUAL	r185.3	r165.8	r89.5	r157.2	r119.1	r84.8

Percent change from previous quarter at annual rate(5)							
2002	I	r10.6	r2.5	r-7.3	12.0	10.4	r1.3
	II	r9.9	r7.8	r-1.8	9.2	5.8	r-0.6
	III	r8.5	r4.1	r-4.0	3.0	0.8	r-5.1
	IV	r8.0	r0.0	r-7.4	3.2	0.7	r-4.4
	ANNUAL	r7.5	r-1.4	r-8.2	6.4	4.7	r-1.1
2003	I	r7.3	r1.0	r-5.9	16.6	12.5	r8.7
	II	r4.5	r-3.0	r-7.2	7.4	7.0	r2.7
	III	r11.3	r4.2	r-6.4	5.8	3.3	r-4.9
	IV	r-2.1	r3.9	6.1	r6.4	r5.3	r8.6
	ANNUAL	r7.1	r1.4	-5.3	8.1	5.7	r0.9
2004	I	r-2.2	r2.7	r5.1	r-18.8	r-21.6	r-17.0
	II	r1.3	r0.4	r-0.9	r8.8	r4.5	r7.4
	III	r1.4	r2.7	r1.3	r10.7	r8.3	r9.2
	IV	r6.2	r3.2	r-2.9	r4.2	r0.6	r-1.9
	ANNUAL	r1.5	r2.3	r0.9	r0.2	r-2.4	r-1.2

Percent change from corresponding quarter of previous year							
2002	I	r4.9	r-6.7	r-11.0	4.1	2.8	r-0.7
	II	r7.0	r-2.8	r-9.1	6.8	5.4	r-0.2
	III	r8.9	r0.9	-7.3	7.8	6.1	r-1.0
	IV	r9.2	r3.6	r-5.2	6.8	4.4	r-2.2
	ANNUAL	r7.5	r-1.4	r-8.2	6.4	4.7	r-1.1
2003	I	r8.4	r3.2	-4.8	7.9	4.9	r-0.5
	II	r7.1	r0.5	-6.1	7.4	5.2	r0.3
	III	r7.8	r0.5	-6.7	r8.1	5.8	r0.4
	IV	r5.2	1.5	r-3.5	9.0	7.0	r3.6
	ANNUAL	r7.1	r1.4	-5.3	8.1	5.7	r0.9
2004	I	r2.7	r1.9	r-0.8	r-0.5	r-2.3	r-3.1
	II	r1.9	r2.8	r0.8	r-0.1	r-2.8	r-2.0
	III	r-0.4	r2.4	r2.9	r1.0	r-1.7	r1.4
	IV	r1.6	r2.3	r0.6	r0.5	r-2.8	r-1.1
	ANNUAL	r1.5	r2.3	r0.9	r0.2	r-2.4	r-1.2

See footnotes following Table 6.
r=revisedAugust 7, 2007
Source: Bureau of Labor Statistics

Appendix table 5. Nondurable manufacturing sector: Revised 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	

Indexes 1992=100							
2002	I	r128.5	r110.1	r85.7	r148.1	r119.1	r115.3
	II	r130.5	r111.0	r85.0	r150.9	r120.4	r115.6
	III	r131.9	r111.2	r84.3	r153.3	r121.7	r116.2
	IV	r131.7	r110.6	r84.0	r154.2	r121.6	r117.1
	ANNUAL	r130.7	r110.7	r84.8	r151.6	r120.7	r116.0
2003	I	r134.9	r111.5	r82.6	r155.9	r121.8	r115.5
	II	r136.5	r111.1	r81.4	r158.5	r123.8	r116.2
	III	r138.1	r110.9	r80.3	r160.5	r124.6	r116.2
	IV	r138.2	r111.2	r80.5	162.8	r126.1	r117.8
	ANNUAL	r136.9	r111.1	r81.2	r159.4	r124.1	r116.4
2004	I	r138.6	r111.0	r80.1	r163.7	r125.7	r118.1
	II	r140.9	r112.2	r79.6	r166.0	r126.2	r117.9
	III	r142.8	r112.8	r79.0	r169.1	r127.8	r118.4
	IV	r145.1	r113.8	r78.4	r172.6	r129.3	r119.0
	ANNUAL	r141.8	r112.4	r79.3	r167.8	r127.2	r118.3

Percent change from previous quarter at annual rate(5)							
2002	I	r8.2	2.5	r-5.3	27.8	26.0	r18.1
	II	r6.4	r3.3	r-2.9	7.6	4.3	r1.2
	III	r4.2	r0.7	-3.4	6.5	4.3	r2.2
	IV	r-0.5	r-1.9	r-1.4	2.4	-0.1	r2.9
	ANNUAL	5.7	0.3	-5.1	9.4	7.6	r3.4
2003	I	r10.1	r3.1	r-6.4	4.4	0.7	r-5.2
	II	r4.7	r-1.5	-5.9	7.1	r6.8	r2.3
	III	r4.9	r-0.8	r-5.4	r5.0	r2.5	r0.1
	IV	r0.2	r1.2	r1.0	5.8	4.7	r5.7
	ANNUAL	r4.8	r0.4	-4.2	5.1	2.8	r0.3
2004	I	r1.1	r-0.6	r-1.7	r2.2	r-1.3	r1.0
	II	r6.9	r4.4	r-2.3	r5.9	r1.7	r-0.9
	III	r5.4	r2.1	r-3.2	r7.6	r5.2	r2.0
	IV	r6.6	r3.5	-2.9	r8.4	r4.7	r1.7
	ANNUAL	r3.6	r1.2	r-2.3	r5.3	r2.5	r1.6

Percent change from corresponding quarter of previous year							
2002	I	5.2	-1.5	-6.4	6.4	5.1	r1.2
	II	6.0	0.4	r-5.4	9.3	7.9	3.1
	III	7.2	1.4	r-5.3	11.1	9.4	3.7
	IV	r4.5	r1.1	-3.3	10.7	8.2	r5.9
	ANNUAL	5.7	0.3	-5.1	9.4	7.6	r3.4
2003	I	r5.0	r1.3	-3.5	5.2	2.3	r0.2
	II	r4.5	r0.1	-4.3	5.1	2.9	r0.5
	III	r4.7	r-0.3	r-4.8	4.7	2.4	r0.0
	IV	r4.9	r0.5	r-4.2	5.6	3.7	r0.6
	ANNUAL	r4.8	r0.4	-4.2	5.1	2.8	r0.3
2004	I	r2.7	r-0.4	r-3.0	r5.0	r3.1	2.3
	II	r3.2	r1.0	r-2.1	r4.7	r1.9	r1.4
	III	r3.4	r1.8	r-1.6	r5.4	r2.6	r1.9
	IV	r5.0	r2.3	r-2.5	r6.0	r2.5	r1.0
	ANNUAL	r3.6	r1.2	r-2.3	r5.3	r2.5	r1.6

See footnotes following Table 6.
r=revised

August 7, 2007
Source: Bureau of Labor Statistics

Appendix table 6. Nonfinancial corporate sector: Revised 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 costs (7)	Unit profits (8)	Implicit price deflator (4)	
Indexes 1992=100											
2002	I	r127.3	149.3	r117.3	r141.6	r113.9	111.2	113.0	111.7	85.8	109.4
	II	129.3	151.3	117.0	143.5	114.5	111.0	110.7	110.9	94.5	109.4
	III	r130.6	152.2	r116.6	r144.4	r114.6	110.6	110.0	110.5	100.3	109.5
	IV	r131.6	153.0	r116.3	r144.9	r114.3	110.1	109.6	110.0	111.2	110.1
	ANNUAL	129.7	151.5	116.8	143.6	114.3	110.7	110.8	110.7	98.0	109.6
2003	I	r132.1	152.3	r115.3	r146.2	r114.3	110.7	112.6	111.2	102.9	110.5
	II	r133.8	153.6	r114.8	r148.8	r116.2	111.2	111.0	111.2	105.7	110.7
	III	135.9	155.9	114.7	150.8	117.1	111.0	110.7	110.9	112.8	111.1
	IV	r136.6	157.5	r115.3	r152.0	r117.7	111.2	110.0	110.9	117.8	111.5
	ANNUAL	134.6	154.8	115.0	149.5	116.3	111.0	111.1	111.0	109.9	110.9
2004	I	r137.4	r159.4	r116.1	r150.8	r115.8	r109.8	r109.6	r109.7	r135.2	112.0
	II	r138.9	r161.5	r116.2	r152.8	r116.2	r110.0	r109.4	r109.8	r145.8	r113.1
	III	r140.7	r164.4	r116.8	r154.9	r117.1	r110.1	r109.2	r109.8	r150.6	r113.5
	IV	r140.2	r164.5	r117.3	r156.9	r117.6	r111.9	r109.7	r111.3	r148.4	r114.6
	ANNUAL	r139.3	r162.4	r116.6	r153.9	r116.7	r110.5	r109.5	r110.2	r145.1	113.3
Percent change from previous quarter at annual rate(5)											
2002	I	5.2	2.9	-2.2	2.5	1.1	-2.6	-9.0	-4.4	66.8	-0.8
	II	6.4	5.6	-0.8	5.4	2.1	-0.9	-7.9	-2.9	46.9	0.1
	III	4.0	2.3	-1.5	2.7	0.5	-1.2	-2.4	-1.6	27.0	0.5
	IV	3.1	2.0	-1.1	1.2	-1.3	-1.9	-1.6	-1.8	50.9	1.9
	ANNUAL	4.0	0.9	-3.0	3.6	1.9	-0.4	-1.6	-0.7	19.2	0.6
2003	I	1.6	-1.8	-3.3	3.9	0.2	2.3	11.4	4.7	-26.5	1.5
	II	5.3	3.6	-1.6	7.3	6.9	1.9	-5.6	-0.2	11.3	0.7
	III	6.3	6.1	-0.2	5.4	2.9	-0.8	-1.2	-0.9	29.4	1.4
	IV	2.3	4.3	2.0	r3.1	2.1	0.9	-2.5	-0.1	18.9	1.6
	ANNUAL	3.8	2.2	-1.5	4.1	1.8	0.3	0.2	0.3	12.1	1.2
2004	I	r2.2	r4.8	2.6	r-3.0	r-6.3	r-5.0	r-1.5	r-4.1	r73.6	1.8
	II	r4.7	r5.3	0.6	r5.5	r1.3	r0.8	r-0.6	r0.4	r35.4	r3.8
	III	r5.2	r7.5	2.2	r5.5	r3.2	r0.3	r-0.8	r0.0	r13.8	r1.5
	IV	r-1.4	r0.1	1.5	r5.3	r1.7	r6.9	r2.0	r5.5	r-5.7	r4.1
	ANNUAL	r3.5	r4.9	1.4	r3.0	r0.3	r-0.5	r-1.4	r-0.8	r32.0	2.1
Percent change from corresponding quarter of previous year											
2002	I	3.0	-1.7	-4.5	3.6	2.4	0.6	3.5	1.4	-1.9	1.2
	II	3.8	0.2	-3.5	4.0	2.6	0.2	-0.8	-0.1	8.7	0.5
	III	4.6	1.9	-2.6	3.7	2.1	-0.8	-3.5	-1.5	27.0	0.3
	IV	4.7	3.2	-1.4	2.9	0.6	-1.7	-5.3	-2.7	47.2	0.4
	ANNUAL	4.0	0.9	-3.0	3.6	1.9	-0.4	-1.6	-0.7	19.2	0.6
2003	I	3.8	2.0	-1.7	3.3	0.4	-0.5	-0.4	-0.4	20.0	1.0
	II	3.5	1.5	-1.9	3.7	1.5	0.2	0.3	0.2	11.9	1.1
	III	4.1	2.4	-1.6	4.4	2.1	0.3	0.6	0.4	12.4	1.4
	IV	3.8	3.0	-0.8	4.9	3.0	1.0	0.3	0.8	5.9	1.3
	ANNUAL	3.8	2.2	-1.5	4.1	1.8	0.3	0.2	0.3	12.1	1.2
2004	I	4.0	4.7	0.7	r3.1	r1.3	r-0.8	r-2.7	r-1.3	r31.3	1.4
	II	r3.8	r5.1	1.2	r2.7	r-0.1	r-1.1	r-1.4	r-1.2	r37.9	2.2
	III	r3.6	r5.5	1.8	2.7	0.0	r-0.8	r-1.4	r-1.0	r33.5	2.2
	IV	r2.6	r4.4	1.7	3.3	-0.1	r0.6	r-0.2	r0.4	r26.0	2.8
	ANNUAL	r3.5	r4.9	1.4	r3.0	r0.3	r-0.5	r-1.4	r-0.8	r32.0	2.1

See footnotes following Table 6.
r=revised

August 7, 2007

Source: Bureau of Labor Statistics

Appendix table 7. Manufacturing sector: Productivity, hourly compensation, and unit labor costs
Indexes 1992=100

Year	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs
1987	r89.0	r92.4	r103.8	r81.3	r98.0	r91.3
1988	r90.9	r97.2	r106.9	r84.1	r97.8	r92.5
1989	r91.8	r98.8	r107.6	r86.6	r96.6	r94.3
1990	r93.9	r98.5	r104.9	90.5	r96.1	r96.4
1991	r96.3	r96.8	r100.5	r95.6	r98.0	r99.2
1992	100.0	100.0	100.0	100.0	100.0	100.0
1993	r102.5	r103.9	r101.3	r102.0	r99.5	r99.5
1994	r106.1	r110.1	r103.7	r105.3	r100.6	r99.2
1995	r110.9	r115.8	r104.4	r107.3	r100.1	r96.7
1996	r114.9	r119.8	r104.2	r109.3	r99.4	r95.1
1997	r121.3	r128.6	r106.0	r112.2	r99.8	r92.5
1998	r127.9	r135.2	r105.8	r118.7	r104.2	r92.9
1999	r133.5	r140.3	r105.1	r123.4	r106.0	r92.4
2000	r138.9	r144.2	r103.8	r134.7	r112.0	r97.0
2001	r141.1	r136.8	r97.0	r137.8	r111.5	r97.7
2002	r150.8	r135.9	r90.1	r147.8	r117.7	r98.0
2003	r160.1	r137.3	r85.7	r158.2	r123.1	r98.8
2004	r163.5	r139.7	r85.4	r161.5	r122.4	r98.7
2005	r171.3	r144.6	r84.4	r168.3	r123.4	r98.2
2006	r178.2	r151.7	r85.1	r172.4	r122.5	r96.8

See footnotes following Table 6.
r=revised

August 7, 2007
Source: Bureau of Labor Statistics

Appendix table 8. Durable manufacturing sector: Productivity, hourly compensation, and unit labor costs
Indexes 1992=100

Year	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs
1987	r88.5	r94.2	r106.5	r81.2	r98.0	r91.8
1988	r90.4	r100.0	r110.7	r83.6	r97.3	r92.5
1989	r91.1	r101.1	r111.0	r85.9	r95.8	r94.3
1990	r92.9	r99.8	r107.4	r89.5	r95.0	r96.3
1991	r94.6	r96.0	r101.4	r94.9	r97.3	100.3
1992	100.0	100.0	100.0	100.0	100.0	100.0
1993	r103.9	r105.4	r101.4	r101.9	r99.4	r98.1
1994	r109.0	r114.2	r104.8	r105.4	r100.7	r96.7
1995	r115.9	r123.3	r106.4	r106.7	r99.5	r92.1
1996	r122.0	r131.0	r107.3	r108.1	r98.2	r88.6
1997	r130.5	144.0	r110.4	r110.6	r98.4	r84.8
1998	r140.5	r156.0	r111.0	r117.1	r102.7	r83.3
1999	r150.5	r166.4	r110.6	r122.4	r105.1	r81.3
2000	r157.7	r173.5	r110.0	r134.2	r111.6	r85.1
2001	r158.6	r161.9	r102.1	r136.4	r110.3	r86.0
2002	r170.5	r159.8	r93.7	r145.0	r115.4	r85.1
2003	r182.6	r162.0	r88.7	r156.8	r122.0	r85.8
2004	r185.3	r165.8	r89.5	r157.2	r119.1	r84.8
2005	r195.1	r174.1	r89.2	r163.2	r119.7	r83.6
2006	r207.4	r187.2	r90.2	r168.4	r119.6	r81.2

See footnotes following Table 6.
r=revised

August 7, 2007
Source: Bureau of Labor Statistics

Appendix table 9. Nondurable manufacturing sector: Productivity, hourly compensation, and unit labor costs Indexes 1992=100

Year	Output per hour of all persons	Output	Hours of all persons	Compensation per hour (1)	Real compensation per hour (2)	Unit labor costs
1987	r91.3	r91.1	r99.7	80.8	97.4	r88.5
1988	r93.2	r94.5	r101.4	r84.2	r98.0	r90.4
1989	r94.0	r96.4	r102.6	r87.2	r97.2	r92.7
1990	r95.9	r97.1	r101.2	r91.7	r97.4	r95.6
1991	r98.3	r97.4	r99.1	r96.5	r99.0	r98.2
1992	100.0	100.0	100.0	100.0	100.0	100.0
1993	r101.1	r102.4	r101.2	r102.3	r99.7	r101.1
1994	r103.4	r105.7	r102.2	r104.7	r100.1	r101.3
1995	r106.1	r107.7	r101.5	r107.8	r100.6	r101.6
1996	r108.3	r107.8	r99.5	r110.8	r100.7	r102.3
1997	r112.8	r112.2	r99.4	r114.1	r101.5	r101.1
1998	r115.8	r113.4	r97.9	r120.3	r105.6	r103.9
1999	r116.9	r113.3	r96.9	r123.6	r106.2	r105.7
2000	r120.8	r114.1	r94.4	r133.2	r110.8	r110.3
2001	r123.6	r110.4	r89.3	r138.6	r112.1	r112.2
2002	r130.7	r110.7	r84.8	r151.6	r120.7	r116.0
2003	r136.9	r111.1	r81.2	r159.4	r124.1	r116.4
2004	r141.8	r112.4	r79.3	r167.8	r127.2	r118.3
2005	r148.6	r114.6	r77.1	r175.8	r129.0	r118.3
2006	r151.0	r117.0	r77.5	r177.8	r126.3	r117.7

See footnotes following Table 6.
r=revised

August 7, 2007
Source: Bureau of Labor Statistics