

Internet address: <http://stats.bls.gov/lprhome.htm>
 Historical, technical
 information: (202) 691-5606
 Current data: (202) 691-5200
 Media contact: (202) 691-5902

PRODUCTIVITY AND COSTS
 First Quarter 2000

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 first quarter of 2000. The seasonally adjusted annual rates of productivity change in the first quarter were:

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

These productivity gains were smaller than the gains of the previous quarter (6.6 percent in the business sector and 6.9 percent in the nonfarm business sector, as revised). Output growth in the first quarter, 6.0 percent in both sectors, slowed somewhat from the rapid fourth-quarter pace, and hours of all persons in the first quarter grew more rapidly. First-quarter measures are summarized in table A and appear in detail in tables 1 through 5.

In manufacturing, productivity changes in the first quarter were:

6.9 percent in manufacturing,
 9.9 percent in durable goods manufacturing, and
 2.7 percent in nondurable goods manufacturing.

Productivity growth in manufacturing in the first quarter of 2000 reflected a strong increase in output, 6.2 percent, and a slight drop in the hours of all persons, -0.6 percent. Output and hours in manufacturing, which includes about 17 percent of U.S. business-sector employment, tend to vary more from quarter to quarter than data for the more aggregate business and nonfarm business sectors.

 Historical measures of productivity and costs have been revised.
 See "Revised measures".

 Table A. Productivity and costs: Preliminary first-quarter 2000 measures
 (Seasonally adjusted annual rates)

Sector	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs

Percent change from preceding quarter						
Business	1.8	6.0	4.2	3.7	-0.2	1.9
Nonfarm business	2.4	6.0	3.6	4.2	0.3	1.8
Manufacturing	6.9	6.2	-0.6	3.8	-0.1	-2.9
Durable	9.9	9.6	-0.3	3.1	-0.8	-6.2
Nondurable	2.7	1.5	-1.1	5.0	1.0	2.2

Percent change from same quarter a year ago						
Business	3.5	5.7	2.2	4.1	1.0	0.7
Nonfarm business	3.7	5.8	2.0	4.3	1.2	0.7
Manufacturing	6.8	5.7	-1.0	4.9	1.7	-1.8
Durable	9.1	8.7	-0.4	5.0	1.8	-3.8
Nondurable	3.9	1.9	-1.9	4.6	1.4	0.7

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.

Business

Productivity in the business sector increased at a 1.8 percent annual rate from the fourth quarter of 1999 to the first quarter of 2000, as output increased 6.0 percent and hours of all persons engaged in the sector rose 4.2 percent (seasonally adjusted annual rates). Revised data for the fourth quarter of 1999 show that output per hour increased 6.6 percent, output increased 8.6 percent, and hours of all persons grew 1.9 percent (table 1).

Hourly compensation increased 3.7 percent during the first quarter of 2000. This measure includes wages and salaries, supplements, employer contributions to employee benefit plans, and taxes. Unit labor costs, which reflect changes in hourly compensation and productivity, increased at a 1.9 percent rate during the first quarter, after declining by 3.1 percent one quarter earlier.

Real hourly compensation, which takes into account changes in consumer prices, declined at a 0.2 percent annual rate in the first quarter, following 15 consecutive quarterly increases.

The implicit price deflator for the business sector, which reflects changes in both unit labor costs and unit nonlabor payments, rose at a 2.2 percent annual rate in the first quarter.

Nonfarm business

Productivity increased 2.4 percent in the nonfarm business sector in the first quarter, as output increased 6.0 percent and hours of all persons rose 3.6 percent. During the fourth quarter of 1999, productivity had increased 6.9 percent in this sector, reflecting gains of 8.5 percent in output and 1.5 percent in hours (table 2).

Hourly compensation increased at a 4.2 percent annual rate in the first quarter. When the rise in consumer prices was taken into account, real hourly compensation rose 0.3 percent in the first quarter of 2000; it had increased 0.9 percent in the fourth quarter of 1999.

Unit labor costs rose 1.8 percent in the first quarter, after falling 2.9 percent in the fourth quarter of 1999. The implicit price deflator for nonfarm business output rose 2.3 percent in the first quarter, compared with a 1.9 percent rise one quarter earlier.

Manufacturing

Productivity increased at a 6.9 percent seasonally adjusted annual rate in manufacturing in the first quarter of 2000, as output increased 6.2 percent and hours of all persons declined 0.6 percent. Productivity grew in both the durable and nondurable sectors of manufacturing, 9.9 and 2.7 percent, respectively. In durable goods manufacturing, output rose at a 9.6 percent annual rate in the first quarter, as hours fell 0.3 percent. Nondurable goods manufacturing output rose 1.5 percent in the first quarter, and hours declined by 1.1 percent.

Hourly compensation of all manufacturing workers rose 3.8 percent during the first quarter, but real hourly compensation fell off slightly, -0.1 percent. The hourly compensation of workers in durable goods manufacturing rose 3.1 percent, while that of employees in nondurable goods manufacturing grew 5.0 percent.

Unit labor costs in manufacturing fell 2.9 percent in the first quarter of 2000, as unit labor costs of durable goods producers declined 6.2 percent and those of nondurable goods producers rose at a 2.2 percent annual rate.

Fourth-quarter and annual measures for nonfinancial corporations

Fourth-quarter and annual 1999 measures of productivity and costs also were announced today for the nonfinancial corporate sector (tables B, C, and 6). Output per all-employee hour rose 5.1 percent from the third to the fourth quarter of 1999, as output increased 7.5 percent and employee hours rose 2.3 percent. In the third quarter, productivity had risen 4.0 percent, as output rose 6.6 percent and hours of all employees increased 2.4 percent (seasonally adjusted annual rates). The sector includes all corporations doing business in the United States, except those classified as depository institutions, nondepository institutions, security and commodity brokers, insurance carriers, regulated investment offices, small business investment offices, and real estate investment trusts.

 Table B. Nonfinancial corporations: Fourth-quarter 1999 productivity and cost measures
 (Seasonally adjusted annual rates)

Period	Productivity	Output	Hours	Real		Unit labor costs	Unit profits	Implicit price deflator
				Hourly compensation	hourly compensation			

Percent change from preceding quarter								
1999 IV	5.1	7.5	2.3	3.5	0.7	-1.5	10.7	0.9

Percent change from same quarter a year ago								
1999 IV	4.2	6.1	1.8	4.4	1.8	0.2	2.1	0.6

Hourly compensation increased 3.5 percent in the fourth quarter, and real hourly compensation rose 0.7 percent. Unit labor costs fell 1.5 percent in the fourth quarter of 1999, the first decline since the third quarter of 1997, when they also fell 1.5 percent. Total unit costs declined 0.3 percent during the fourth quarter, after having increased 1.3 percent during the third quarter. In the fourth quarter, unit profits rose 10.7 percent. Unit profits fell 9.6 percent during the third quarter of 1999. The implicit price deflator for nonfinancial corporate output rose 0.9 percent during the fourth quarter of 1999.

Productivity grew 4.0 percent in 1999 for nonfinancial corporations, the same as the previous year (table C). Nonfinancial corporate output grew slower in 1999, 5.9 percent, than it had in 1998, when it grew 6.7 percent. Hours of employees in nonfinancial corporations rose 1.7 percent during 1999, compared with a 2.6 percent rise one year earlier.

 Table C. Nonfinancial corporations: Annual changes in productivity and related measures, 1990-1999

Measure	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Productivity	0.6	2.0	2.1	0.8	2.4	1.0	3.3	3.1	4.0	4.0
Output	0.9	-0.8	2.6	3.0	6.4	4.2	5.0	6.7	6.7	5.9
Hours	0.3	-2.7	0.5	2.3	3.9	3.2	1.7	3.5	2.6	1.7
Hourly compensation	5.1	4.5	4.7	2.1	2.2	1.8	2.7	3.6	5.4	4.9
Real hourly compensation	0.1	0.8	2.0	-0.5	0.0	-0.7	0.0	1.4	4.0	2.8
Unit labor costs	4.5	2.5	2.5	1.3	-0.3	0.8	-0.5	0.5	1.3	0.8
Unit nonlabor costs	3.6	4.1	-2.0	0.2	1.0	0.9	-1.5	-0.8	-1.0	0.6
Total unit cost	4.2	2.9	1.3	1.0	0.1	0.8	-0.8	0.1	0.7	0.8
Unit profits	-3.1	-1.4	7.6	13.2	16.3	5.5	9.5	3.6	-4.0	-1.3
Implicit price deflator	3.6	2.6	1.8	2.1	1.6	1.4	0.4	0.6	0.1	0.5

Hourly compensation grew 4.9 percent in 1999, less than the 5.4 percent increase in 1998. Real hourly compensation increased 2.8 percent in 1999, compared with a 4.0 percent rise one year earlier.

Total unit costs rose 0.8 percent in 1999, reflecting an increase of 0.8 percent in unit labor costs and a 0.6 percent rise in unit nonlabor costs. Unit profits fell 1.3 percent in 1999; in 1998, they had fallen 4.0 percent.

REVISED MEASURES

Current and previous measures for the fourth quarter of 1999 for the business, nonfarm business, and manufacturing sectors are compared in table D. Some of the quarterly movements differ from those reported on March 7, based on information then available. Output and productivity were revised up, and unit labor costs correspondingly revised down, in all three sectors.

 Table D. Previous and revised productivity and related measures
 Quarterly percent change at seasonally adjusted annual rate

Sector	Productivity	Output	Hours	Hourly compensation	Real hourly compensation	Unit labor costs
----- Fourth quarter 1999 -----						
Business:						
Previous	6.1	8.2	1.9	3.3	0.4	-2.7
Current	6.6	8.6	1.9	3.3	0.5	-3.1
Nonfarm business:						
Previous	6.4	8.0	1.6	3.7	0.8	-2.5
Current	6.9	8.5	1.5	3.8	0.9	-2.9
Manufacturing:						
Previous	10.3	6.6	-3.3	4.2	1.3	-5.5
Current	10.8	7.1	-3.3	4.2	1.3	-5.9

The revisions of productivity and cost measures to reflect the most recent revision of the national income and product accounts have been extended back to 1947 for the business and nonfarm business sectors and to 1958 for nonfinancial corporations. In addition, revised NIPA estimates beginning with 1959 incorporate several corrections. Based on these revisions, the long-term rate of growth in output per hour in the nonfarm business sector, 1947-1999, was 2.2 percent a year. Tables 1-6 show revised data in all sectors for 1998-1999. Appendix tables 1-3 show annual indexes of productivity and costs for the business, nonfarm business, and nonfinancial corporate sectors for all years since the inception of the series.

Productivity and cost measures were revised to reflect the results of the 1998 Hours at Work Survey, which are now available. This survey is used to adjust the number of hours for which private nonfarm employees are paid (as reported in the BLS Current Establishment Statistics program) to hours at the workplace. For 1998, these results show that hours of all persons in the nonfarm business sector rose at the same rate as had previously been reported. Hours of all persons in manufacturing fell 0.4 percent in 1998; previously, they had been reported as increasing 0.1 percent.

The Consumer Price Index Research Series has been updated. This affected indexes of real hourly compensation for all years.

Next release date

The next release of Productivity and Costs is scheduled for 8:30 AM EDT, Tuesday, June 6, 2000. First-quarter measures for nonfinancial corporations and revised measures for business, nonfarm business, and manufacturing will be released at that time.

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. Average weekly paid hours of nonproduction and supervisory workers are estimated by the Office of Productivity and Technology. Weekly paid hours are adjusted to hours at work using the BLS Hours at Work survey, conducted for this purpose.

Data from the BLS Current Population Survey (CPS) are used for farm labor; in the nonfarm sector, the National Income and Product Accounts (NIPA) prepared by the Bureau of Economic Analysis (BEA) of the Department of Commerce and the CPS are used to measure labor input for government enterprises, proprietors, and unpaid family workers.

Output: Business sector output is an annual-weighted index constructed after excluding from gross domestic product (GDP) the following outputs: General government, nonprofit institutions, paid employees of private households, and the rental value of owner-occupied dwellings. Corresponding exclusions also are made in labor inputs. Business output accounted for about 77 percent of the value of GDP in 1996. Nonfarm business, which also excludes farming, accounted for about 76 percent of GDP in 1996.

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 BEA. 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 2-digit SIC industries: Primary metal industries; fabricated metal products; nonelectrical machinery; industrial and commercial machinery and computer equipment; electronic and other electrical equipment; transportation equipment; instruments; lumber and lumber products; furniture and fixtures; stone, clay, and glass and concrete products; and miscellaneous manufactures. Nondurables include: Food and kindred products, tobacco products, textile mill products, apparel products, paper and allied products, printing and publishing, chemicals and chemical products, petroleum refining and related industries, rubber and plastic products, and leather and leather products.

Nonfinancial corporate output is an annual-weighted index constructed by excluding from GDP the following outputs: General government; nonprofit institutions; employees of private households; the rental value of owner-occupied dwellings; unincorporated business; and those corporations which are depository institutions, nondepository institutions, security and commodity brokers, insurance carriers, regulated investment offices, small business investment offices, and real estate investment trusts. Nonfinancial corporations accounted for about 53 percent of the value of GDP in 1996.

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.

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

Table 1. Business sector: 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									
1998	I	r109.6	r126.7	r115.6	r117.9	r103.6	r107.6	r114.4	r110.1
	II	109.8	r127.4	116.1	r119.5	r104.6	r108.9	r112.7	r110.3
	III	110.7	r128.8	116.4	r121.3	r105.8	r109.6	r112.2	r110.5
	IV	111.9	r131.1	117.2	r122.8	r106.7	r109.7	112.1	r110.6
	ANNUAL	110.5	r128.5	r116.3	r120.4	r105.3	r109.0	r112.8	r110.4
1999	I	112.7	r132.4	117.5	r124.3	r107.5	r110.3	r112.2	r111.0
	II	r112.9	r133.0	117.8	r125.8	r108.0	r111.4	r111.0	r111.3
	III	r114.2	r135.1	118.3	r127.2	r108.5	r111.4	r111.6	r111.5
	IV	r116.1	137.9	r118.8	128.2	r108.6	110.5	r114.4	r111.9
	ANNUAL	114.0	r134.6	118.1	r126.4	r108.3	r110.9	r112.3	r111.4
2000	I	116.6	139.9	120.0	129.4	108.6	111.0	115.1	112.5
Percent change from previous quarter at annual rate(5)									
1998	I	r4.8	r8.3	r3.3	r5.0	4.2	r0.2	r0.2	r0.2
	II	r0.7	r2.3	r1.5	r5.6	r4.0	r4.8	-5.6	r0.7
	III	r3.5	r4.5	0.9	6.1	r4.6	2.6	r-2.0	r0.8
	IV	4.3	r7.3	r2.9	4.9	3.3	0.6	-0.1	r0.3
	ANNUAL	r2.9	r5.2	2.2	r5.4	r4.0	2.4	-2.1	0.7
1999	I	r2.9	3.9	r1.0	4.9	r3.2	r2.0	0.2	1.3
	II	0.8	1.9	r1.1	5.1	1.8	4.2	-4.1	1.1
	III	4.7	6.5	1.7	4.5	r1.9	-0.2	2.1	r0.7
	IV	r6.6	r8.6	1.9	3.3	r0.5	r-3.1	r10.3	r1.7
	ANNUAL	r3.2	4.7	1.5	5.0	2.8	1.8	-0.5	0.9
2000	I	1.8	6.0	4.2	3.7	-0.2	1.9	2.7	2.2
Percent change from corresponding quarter of previous year									
1998	I	3.2	r5.6	r2.4	r4.8	3.4	r1.6	r-0.2	r0.9
	II	2.5	4.7	r2.1	5.5	4.0	2.9	-2.8	0.7
	III	r2.6	r4.7	2.1	r5.9	4.4	r3.2	-3.4	r0.6
	IV	r3.3	5.5	r2.1	5.4	4.0	r2.0	r-1.9	r0.5
	ANNUAL	r2.9	r5.2	2.2	r5.4	r4.0	2.4	-2.1	0.7
1999	I	r2.9	r4.5	1.6	5.4	3.8	2.5	-1.9	0.8
	II	2.9	r4.4	1.4	5.3	r3.3	2.3	-1.5	0.9
	III	3.2	4.9	1.6	4.9	2.6	1.6	-0.5	0.8
	IV	r3.7	r5.2	1.4	4.5	r1.8	r0.7	r2.0	1.2
	ANNUAL	r3.2	4.7	1.5	5.0	2.8	1.8	-0.5	0.9
2000	I	3.5	5.7	2.2	4.1	1.0	0.7	2.6	1.4

See footnotes following Table 6.
r=revised

May 4, 2000
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									
1998	I	r109.2	r127.0	116.3	r117.3	r103.1	r107.4	r115.9	r110.5
	II	109.5	r127.8	r116.7	r118.9	r104.1	r108.6	r114.2	r110.6
	III	110.4	r129.1	r117.0	r120.7	r105.3	r109.4	r113.2	r110.8
	IV	111.5	r131.5	r117.9	r122.1	r106.1	r109.5	112.7	r110.7
	ANNUAL	r110.1	r128.8	r117.0	r119.8	r104.7	r108.7	r114.0	r110.6
1999	I	112.2	r132.8	r118.3	123.3	r106.7	r109.9	r113.2	r111.1
	II	112.4	r133.4	118.7	r124.8	r107.1	r111.1	r112.3	r111.5
	III	r113.7	r135.6	r119.2	r126.2	r107.7	r111.0	r113.0	r111.7
	IV	r115.6	r138.4	119.7	r127.4	r107.9	110.2	r115.8	r112.2
	ANNUAL	113.5	r135.0	119.0	125.4	r107.5	110.5	r113.6	r111.6
2000	I	116.3	140.4	120.7	128.7	108.0	110.6	116.8	112.9
Percent change from previous quarter at annual rate(5)									
1998	I	r4.7	r8.5	r3.6	r4.9	r4.2	r0.2	r1.6	r0.7
	II	r1.0	2.4	1.4	5.6	r4.0	r4.5	-5.8	0.5
	III	r3.2	4.4	1.2	6.2	4.7	3.0	r-3.3	0.6
	IV	4.1	r7.4	3.1	4.6	r3.0	r0.4	r-1.7	r-0.4
	ANNUAL	2.8	5.2	2.4	r5.3	r3.9	2.4	-1.8	0.8
1999	I	2.7	4.0	1.3	4.2	r2.5	r1.5	1.5	1.5
	II	r0.5	1.8	1.3	r4.7	r1.5	4.2	-3.1	1.4
	III	5.0	6.8	1.7	r4.6	r2.0	-0.3	2.5	0.7
	IV	r6.9	r8.5	r1.5	r3.8	r0.9	r-2.9	r10.6	r1.9
	ANNUAL	3.0	r4.8	1.7	4.7	2.6	r1.6	-0.4	0.9
2000	I	2.4	6.0	3.6	4.2	0.3	1.8	3.3	2.3
Percent change from corresponding quarter of previous year									
1998	I	3.0	r5.7	r2.6	r4.6	3.2	r1.6	0.7	1.2
	II	r2.5	4.8	2.3	r5.4	3.8	2.8	-2.2	0.9
	III	r2.5	4.8	2.3	r5.8	4.3	r3.2	-3.3	0.7
	IV	r3.3	r5.7	r2.3	r5.4	r4.0	r2.0	-2.3	r0.4
	ANNUAL	2.8	5.2	2.4	r5.3	r3.9	2.4	-1.8	0.8
1999	I	r2.8	4.5	1.7	r5.2	3.6	r2.3	r-2.4	0.6
	II	2.6	4.4	1.7	4.9	2.9	2.3	r-1.7	0.8
	III	3.1	5.0	r1.9	r4.5	2.3	1.4	-0.2	0.8
	IV	r3.7	r5.2	r1.5	4.3	1.7	r0.6	r2.8	1.4
	ANNUAL	3.0	r4.8	1.7	4.7	2.6	r1.6	-0.4	0.9
2000	I	3.7	5.8	2.0	4.3	1.2	0.7	3.2	1.6

See footnotes following Table 6.
r=revised

May 4, 2000
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 -----							
1998	I	r123.2	130.6	r106.0	r117.4	r103.2	95.3
	II	r124.5	131.5	r105.6	r119.2	r104.3	95.7
	III	r127.0	132.6	r104.4	r121.3	r105.8	95.5
	IV	r128.9	134.4	r104.3	r122.1	r106.1	r94.8
	ANNUAL	r125.9	132.3	r105.1	r120.0	r104.9	95.3
1999	I	r131.1	135.2	r103.1	r123.4	r106.8	94.1
	II	r132.8	136.8	r103.0	r125.1	r107.5	94.2
	III	r134.3	138.4	r103.1	r126.9	r108.3	94.5
	IV	r137.7	r140.8	r102.2	r128.3	r108.7	r93.1
	ANNUAL	r134.0	137.8	r102.9	r125.9	r107.9	94.0
2000	I	140.0	142.9	102.1	129.5	108.6	92.4
----- Percent change from previous quarter at annual rate(5) -----							
1998	I	r3.2	3.3	r0.1	r6.3	r5.5	3.0
	II	r4.4	2.6	r-1.7	r6.1	r4.5	1.5
	III	r8.2	3.4	r-4.4	r7.2	r5.7	-0.9
	IV	r6.2	5.6	r-0.6	2.9	r1.4	-3.1
	ANNUAL	r5.3	4.9	r-0.4	r5.8	r4.4	0.5
1999	I	r7.1	2.5	r-4.3	r4.3	r2.6	-2.7
	II	r5.3	4.9	r-0.4	r5.7	r2.4	0.3
	III	r4.3	4.6	r0.3	r5.9	r3.2	1.5
	IV	r10.8	r7.1	-3.3	4.2	1.3	r-5.9
	ANNUAL	6.4	4.2	-2.1	5.0	2.8	-1.4
2000	I	6.9	6.2	-0.6	3.8	-0.1	-2.9
----- Percent change from corresponding quarter of previous year -----							
1998	I	r5.5	6.5	r0.9	r5.1	r3.7	-0.4
	II	r5.2	5.3	r0.0	r5.9	r4.4	r0.7
	III	r5.1	4.2	r-0.9	r6.7	r5.2	1.6
	IV	r5.5	3.7	r-1.7	r5.6	r4.2	0.1
	ANNUAL	r5.3	4.9	r-0.4	r5.8	r4.4	0.5
1999	I	r6.5	3.5	r-2.8	r5.1	r3.5	-1.3
	II	6.7	4.1	-2.4	5.0	3.0	-1.6
	III	r5.7	4.4	r-1.3	r4.7	r2.4	-1.0
	IV	6.9	r4.8	r-1.9	r5.0	r2.4	r-1.7
	ANNUAL	6.4	4.2	-2.1	5.0	2.8	-1.4
2000	I	6.8	5.7	-1.0	4.9	1.7	-1.8

See footnotes following Table 6.
r=revised

May 4, 2000
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 -----							
1998	I	r136.0	151.7	r111.6	r114.9	r101.0	84.5
	II	r138.4	153.8	r111.1	r116.6	r102.0	84.2
	III	r142.8	157.1	r110.0	r118.7	r103.5	83.1
	IV	r146.2	160.8	r110.0	r119.3	r103.7	81.6
	ANNUAL	r140.8	155.9	r110.7	r117.4	r102.6	83.3
1999	I	r149.6	162.0	r108.3	r120.6	r104.4	80.7
	II	r153.3	165.7	r108.1	r122.5	r105.2	79.9
	III	r155.2	169.1	r109.0	r124.2	r106.0	80.0
	IV	r159.4	r172.1	r108.0	r125.7	r106.5	78.9
	ANNUAL	r154.4	167.2	r108.3	r123.3	r105.6	r79.8
2000	I	163.2	176.1	107.9	126.6	106.3	77.6
----- Percent change from previous quarter at annual rate(5) -----							
1998	I	r4.8	6.5	r1.7	r6.0	r5.2	1.2
	II	r7.5	5.7	r-1.7	r5.8	r4.2	-1.5
	III	r13.4	9.0	r-3.9	r7.4	r5.8	-5.3
	IV	r9.7	9.6	0.0	r2.3	r0.7	-6.8
	ANNUAL	r8.3	8.6	r0.3	r5.8	r4.4	-2.3
1999	I	r9.6	3.1	r-5.9	r4.5	r2.8	-4.7
	II	r10.4	9.3	r-1.0	r6.4	3.1	-3.7
	III	r5.0	8.7	r3.5	r5.6	r2.9	0.5
	IV	r11.1	r7.1	r-3.6	4.9	r2.0	r-5.6
	ANNUAL	9.6	7.3	-2.1	5.0	2.9	-4.2
2000	I	9.9	9.6	-0.3	3.1	-0.8	-6.2
----- Percent change from corresponding quarter of previous year -----							
1998	I	r8.3	10.3	r1.8	r5.1	r3.7	-3.0
	II	r7.7	8.5	r0.8	r5.8	r4.3	-1.7
	III	r8.3	7.9	r-0.3	r7.0	r5.5	-1.2
	IV	r8.8	7.7	r-1.0	r5.4	r4.0	r-3.1
	ANNUAL	r8.3	8.6	r0.3	r5.8	r4.4	-2.3
1999	I	r10.0	6.8	r-2.9	r5.0	r3.4	-4.6
	II	r10.8	7.7	-2.7	5.1	3.1	-5.1
	III	8.7	7.6	r-0.9	4.7	2.4	-3.7
	IV	9.0	r7.0	r-1.8	r5.3	r2.7	r-3.4
	ANNUAL	9.6	7.3	-2.1	5.0	2.9	-4.2
2000	I	9.1	8.7	-0.4	5.0	1.8	-3.8

See footnotes following Table 6.
r=revised

May 4, 2000
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							
1998	I	r112.3	110.9	r98.7	r120.4	r105.8	107.2
	II	r112.5	110.6	r98.3	r122.3	r107.1	108.7
	III	r113.1	109.6	r97.0	r124.3	r108.4	109.9
	IV	r113.6	109.8	r96.6	r125.5	r109.1	r110.5
	ANNUAL	r112.9	110.2	r97.6	r123.1	r107.7	r109.1
1999	I	r114.7	110.3	r96.2	r126.8	r109.8	110.6
	II	r114.3	110.1	r96.3	r128.3	r110.2	112.2
	III	r115.4	109.9	r95.2	r130.1	r111.0	112.7
	IV	r118.3	r111.9	r94.6	r131.1	r111.0	r110.8
	ANNUAL	r115.7	110.5	r95.6	r129.1	r110.6	111.6
2000	I	119.1	112.3	94.3	132.7	111.3	111.4
Percent change from previous quarter at annual rate(5)							
1998	I	r1.6	-0.6	r-2.2	r6.5	r5.7	r4.8
	II	r0.6	-1.1	r-1.8	r6.4	r4.8	5.7
	III	r2.1	-3.3	r-5.3	r6.8	r5.3	4.6
	IV	r1.9	0.5	r-1.4	r4.0	r2.4	2.0
	ANNUAL	r1.9	0.4	r-1.5	r5.8	r4.4	3.8
1999	I	r3.6	1.8	r-1.8	r4.2	r2.6	0.6
	II	r-1.3	-0.8	r0.5	r4.6	r1.4	r6.0
	III	r4.1	-0.5	r-4.3	r5.7	r3.1	1.6
	IV	r10.3	r7.3	-2.7	r3.1	r0.2	r-6.6
	ANNUAL	r2.5	0.3	-2.1	4.8	2.7	2.3
2000	I	2.7	1.5	-1.1	5.0	1.0	2.2
Percent change from corresponding quarter of previous year							
1998	I	r2.4	1.9	r-0.5	r5.0	r3.6	2.6
	II	r2.4	1.3	r-1.0	r5.9	r4.3	3.4
	III	r1.3	-0.4	r-1.6	r6.3	r4.8	4.9
	IV	r1.6	-1.1	r-2.7	r5.9	r4.5	4.3
	ANNUAL	r1.9	0.4	r-1.5	r5.8	r4.4	3.8
1999	I	r2.1	-0.5	r-2.6	r5.4	r3.8	3.2
	II	1.6	-0.4	-2.0	4.9	2.9	3.3
	III	r2.1	0.3	r-1.8	r4.6	r2.3	2.5
	IV	r4.1	1.9	r-2.1	r4.4	r1.8	r0.3
	ANNUAL	r2.5	0.3	-2.1	4.8	2.7	2.3
2000	I	3.9	1.9	-1.9	4.6	1.4	0.7

See footnotes following Table 6.
r=revised

May 4, 2000
Source: Bureau of Labor Statistics

Table 6. Nonfinancial corporations: 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											
1997	I	r109.4	r124.7	114.0	111.2	r99.1	r101.7	r100.1	r101.3	r156.3	r105.9
	II	r110.0	r126.6	115.1	112.0	r99.5	r101.8	r100.3	r101.4	r156.9	r106.1
	III	r111.7	r129.3	115.8	113.3	r100.2	r101.4	r99.7	r101.0	r161.8	r106.1
	IV	r112.4	r131.3	r116.8	115.1	r101.3	r102.4	r99.1	r101.5	r156.1	r106.1
	ANNUAL	r110.9	r128.0	115.4	113.0	r100.1	r101.8	r99.8	r101.3	r157.8	r106.1
1998	I	r113.4	r133.6	117.8	116.4	r102.3	r102.6	r98.6	r101.5	r154.1	r106.0
	II	r114.5	r135.3	118.1	r118.1	r103.4	r103.1	r98.7	r101.9	r150.8	r106.0
	III	r116.2	r137.8	118.6	r119.9	r104.6	r103.2	r98.4	r101.9	r153.8	r106.3
	IV	r117.1	r139.6	r119.2	121.3	r105.4	r103.6	r99.4	r102.5	r147.1	r106.3
	ANNUAL	r115.4	r136.6	r118.3	119.0	r104.1	r103.1	r98.8	r102.0	r151.4	r106.1
1999	I	r118.3	r141.6	119.7	122.7	r106.2	r103.8	r98.4	r102.3	r151.3	r106.5
	II	r119.3	r143.1	120.0	124.2	r106.6	r104.1	r98.9	r102.7	r150.2	r106.7
	III	r120.4	r145.4	r120.7	r125.6	r107.1	r104.2	r99.8	r103.0	r146.5	r106.7
	IV	122.0	148.1	121.4	126.7	107.3	103.9	100.5	102.9	150.2	107.0
	ANNUAL	120.1	144.6	120.4	124.9	107.0	104.0	99.4	102.7	149.5	106.7
Percent change from previous quarter at annual rate (5)											
1997	I	r1.6	r5.9	4.3	3.6	r1.1	r2.0	-0.3	r1.4	4.6	r1.8
	II	2.3	r6.3	4.0	2.7	r1.6	r0.4	r0.9	r0.5	r1.5	r0.6
	III	6.3	8.9	r2.4	4.7	r3.0	-1.5	r-2.3	r-1.7	r13.1	r0.1
	IV	r2.7	r6.3	3.5	6.5	r4.5	r3.7	r-2.4	r2.0	r-13.4	r-0.1
	ANNUAL	r3.1	r6.7	3.5	3.6	1.4	r0.5	r-0.8	r0.1	r3.6	0.6
1998	I	3.7	7.1	r3.2	4.8	4.1	1.1	r-2.2	r0.2	r-4.8	r-0.4
	II	3.9	5.1	1.2	5.7	r4.2	r1.8	r0.5	r1.4	r-8.3	0.2
	III	5.9	7.5	1.5	6.3	4.8	0.4	r-1.2	r-0.1	r8.0	0.9
	IV	r3.1	r5.5	2.3	4.9	3.3	r1.8	r4.3	r2.4	r-16.3	r0.0
	ANNUAL	4.0	6.7	2.6	r5.4	r4.0	1.3	-1.0	r0.7	r-4.0	r0.1
1999	I	r4.1	r5.8	1.6	4.7	r3.0	0.5	r-4.0	-0.7	r11.8	0.7
	II	r3.4	r4.4	1.0	4.8	r1.6	1.4	r1.9	1.5	r-2.8	1.0
	III	r4.0	6.6	2.4	4.5	r1.9	r0.5	r3.6	r1.3	r-9.6	-0.1
	IV	5.1	7.5	2.3	3.5	0.7	-1.5	3.0	-0.3	10.7	0.9
	ANNUAL	4.0	5.9	1.7	4.9	2.8	0.8	0.6	0.8	-1.3	0.5
Percent change from corresponding quarter of previous year											
1997	I	r3.0	r6.6	3.5	3.5	0.7	r0.4	r-1.2	r0.0	r3.8	r0.5
	II	r2.7	r6.3	3.5	3.1	r1.0	r0.4	r-0.4	r0.2	3.4	r0.6
	III	r3.5	r7.1	3.5	3.5	1.4	-0.1	-0.6	r-0.2	r6.5	0.6
	IV	r3.2	r6.8	r3.5	r4.4	2.5	r1.1	r-1.0	r0.5	r1.0	r0.6
	ANNUAL	r3.1	r6.7	3.5	3.6	1.4	r0.5	r-0.8	r0.1	r3.6	0.6
1998	I	r3.7	r7.1	3.3	r4.7	3.3	r0.9	r-1.5	r0.3	r-1.4	r0.1
	II	4.1	r6.8	2.6	5.4	3.9	1.2	r-1.6	r0.5	-3.9	-0.1
	III	r4.1	6.5	2.4	5.8	4.4	1.7	r-1.3	0.9	r-4.9	0.1
	IV	r4.2	6.3	2.1	5.4	4.1	1.2	r0.3	r1.0	r-5.7	0.1
	ANNUAL	4.0	6.7	2.6	r5.4	r4.0	1.3	-1.0	r0.7	r-4.0	r0.1
1999	I	4.3	6.0	1.7	5.4	3.8	1.1	r-0.2	r0.8	r-1.9	0.4
	II	4.1	5.8	1.6	5.2	3.2	1.0	r0.2	r0.8	r-0.4	0.6
	III	3.7	5.6	1.8	r4.7	r2.4	1.0	r1.4	r1.1	r-4.8	0.4
	IV	4.2	6.1	1.8	4.4	1.8	0.2	1.1	0.4	2.1	0.6
	ANNUAL	4.0	5.9	1.7	4.9	2.8	0.8	0.6	0.8	-1.3	0.5

See footnotes following Table 6.
r-revised

May 4, 2000
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 -1.8 and +2.4 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 fourth quarter of 1999.

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 1978-1999 is based on the Consumer Price Index research series (CPI-U-RS).
- (3) Unit nonlabor payments include profits, capital consumption allowances, interest, rental income of persons, and indirect taxes.
- (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 capital consumption allowances, interest, rental income of persons, and indirect taxes. For nonfinancial corporations, rental income of persons is zero by definition.
- (7) Total unit costs are the sum of unit labor and nonlabor costs.
- (8) Unit profits include corporate profits with inventory valuation and capital consumption adjustments.

Appendix table 1. Business sector: Productivity, hourly compensation, unit labor costs, and prices
Indexes 1992=100

Year	Output per hour of all persons	Output	Hours of all persons	Compensa- tion per hour (1)	Real compensa- tion per hour (2)	Unit labor costs	Unit non- labor pay- ments (3)	Implicit price deflator (4)
1947	31.8	20.7	65.1	6.8	39.6	21.4	18.9	20.5
1948	33.2	21.8	65.6	7.4	39.7	22.2	21.0	21.7
1949	34.0	21.6	63.4	7.5	40.8	22.0	20.8	21.5
1950	36.9	23.7	64.2	8.0	43.3	21.8	21.8	21.8
1951	38.0	25.2	66.3	8.8	44.0	23.2	24.0	23.5
1952	39.2	26.0	66.3	9.3	45.8	23.9	23.5	23.7
1953	40.6	27.2	67.1	10.0	48.5	24.5	22.9	23.9
1954	41.5	26.9	64.7	10.3	49.7	24.8	22.8	24.1
1955	43.2	29.0	67.1	10.6	51.2	24.4	24.3	24.4
1956	43.3	29.5	68.1	11.3	53.8	26.0	23.7	25.2
1957	44.6	30.0	67.1	12.0	55.5	26.9	24.5	26.0
1958	45.9	29.4	64.1	12.5	56.4	27.3	25.1	26.5
1959	47.8	31.9	66.7	13.1	58.3	27.3	25.5	26.7
1960	48.6	32.5	66.7	13.6	59.8	28.0	25.2	27.0
1961	50.4	33.1	65.7	14.2	61.6	28.1	25.6	27.2
1962	52.7	35.2	66.8	14.8	63.7	28.1	26.4	27.4
1963	54.8	36.8	67.2	15.4	65.2	28.0	26.9	27.6
1964	57.3	39.2	68.3	16.1	67.7	28.2	27.5	27.9
1965	59.4	41.9	70.6	16.8	69.1	28.2	28.6	28.4
1966	61.8	44.8	72.5	17.9	71.7	28.9	29.3	29.1
1967	63.1	45.6	72.3	18.9	73.5	29.9	29.8	29.9
1968	65.4	47.9	73.4	20.4	76.3	31.3	30.6	31.0
1969	65.6	49.4	75.2	21.9	77.4	33.3	30.9	32.4
1970	67.0	49.4	73.7	23.5	78.8	35.1	31.6	33.9
1971	69.9	51.3	73.4	25.0	80.3	35.8	34.4	35.3
1972	72.2	54.7	75.8	26.6	82.7	36.8	35.8	36.5
1973	74.5	58.5	78.5	28.9	84.5	38.8	37.7	38.4
1974	73.2	57.6	78.6	31.7	83.5	43.2	40.0	42.1
1975	75.8	57.0	75.2	34.9	84.3	46.1	46.1	46.1
1976	78.5	60.9	77.6	38.0	86.8	48.4	48.6	48.5
1977	79.8	64.3	80.6	41.0	87.9	51.4	51.5	51.4
1978	80.8	68.3	84.6	44.7	89.6	55.3	54.8	55.1
1979	80.8	70.6	87.4	49.0	89.9	60.7	58.3	59.8
1980	80.6	69.8	86.7	54.3	89.6	67.4	61.5	65.2
1981	82.1	71.7	87.3	59.5	89.7	72.4	69.1	71.2
1982	81.8	69.6	85.1	63.9	91.0	78.2	70.3	75.3
1983	84.7	73.3	86.5	66.6	91.1	78.6	76.4	77.8
1984	87.1	79.7	91.5	69.5	91.4	79.8	80.4	80.0
1985	88.8	83.1	93.5	72.9	92.8	82.1	82.2	82.2
1986	91.5	86.1	94.2	76.7	95.9	83.9	82.7	83.5
1987	91.9	89.2	97.0	79.7	96.3	86.7	83.6	85.6
1988	93.0	92.9	100.0	83.4	97.3	89.8	85.7	88.3
1989	93.9	96.2	102.5	85.7	95.8	91.3	91.9	91.5
1990	95.1	97.6	102.6	90.6	96.4	95.3	93.9	94.8
1991	96.2	96.5	100.3	94.9	97.4	98.7	97.0	98.1
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.5	103.1	102.6	102.4	99.9	101.9	102.5	102.2
1994	101.8	108.1	106.2	104.5	99.7	102.6	106.4	104.0
1995	102.5	111.5	108.8	106.7	99.3	104.1	109.5	106.0
1996	105.4	116.4	110.4	110.1	99.7	104.5	113.3	107.7
1997	107.4	122.2	113.8	114.2	101.2	106.4	115.3	109.6
1998	110.5	128.5	116.3	120.4	105.3	109.0	112.8	110.4
1999	114.0	134.6	118.1	126.4	108.3	110.9	112.3	111.4

See footnotes following Table 6.

May 4, 2000

Source: Bureau of Labor Statistics

Appendix table 2. Nonfarm business sector: Productivity, hourly compensation, unit labor costs, and prices
Indexes 1992=100

Year	Output per hour of all persons	Output	Hours of all persons	Compensa- tion per hour (1)	Real compensa- tion per hour (2)	Unit labor costs	Unit non- labor pay- ments (3)	Implicit price deflator (4)
1947	36.6	20.3	55.4	7.3	42.4	19.9	18.0	19.2
1948	37.6	21.2	56.3	7.9	42.7	21.0	19.6	20.5
1949	38.9	21.0	54.0	8.2	44.5	21.0	20.2	20.7
1950	41.6	23.1	55.7	8.7	46.7	20.8	21.1	20.9
1951	42.6	24.9	58.3	9.4	47.0	22.1	22.7	22.3
1952	43.5	25.6	58.9	9.9	48.7	22.8	22.5	22.7
1953	44.5	26.9	60.3	10.5	51.1	23.6	22.4	23.2
1954	45.4	26.4	58.2	10.8	52.4	23.9	22.5	23.4
1955	47.3	28.6	60.5	11.3	54.6	23.8	23.9	23.8
1956	46.9	29.1	62.0	11.9	57.0	25.4	23.3	24.7
1957	48.1	29.7	61.7	12.6	58.4	26.2	24.0	25.4
1958	49.2	29.1	59.0	13.1	59.1	26.7	24.4	25.9
1959	51.2	31.6	61.8	13.7	61.0	26.7	25.2	26.2
1960	51.8	32.1	62.0	14.3	62.6	27.5	24.6	26.5
1961	53.5	32.8	61.3	14.7	64.1	27.6	25.1	26.7
1962	55.9	35.0	62.6	15.4	66.1	27.5	26.0	26.9
1963	57.9	36.6	63.3	15.9	67.5	27.4	26.5	27.1
1964	60.4	39.1	64.8	16.6	69.7	27.5	27.3	27.5
1965	62.2	41.9	67.3	17.2	70.9	27.6	28.2	27.8
1966	64.4	44.9	69.7	18.2	72.9	28.2	28.9	28.5
1967	65.5	45.7	69.7	19.2	74.8	29.4	29.4	29.4
1968	67.8	48.1	70.9	20.7	77.5	30.6	30.4	30.5
1969	67.9	49.5	73.0	22.2	78.4	32.6	30.5	31.9
1970	68.9	49.5	71.8	23.7	79.5	34.4	31.3	33.3
1971	71.8	51.4	71.6	25.3	81.1	35.2	33.9	34.7
1972	74.2	54.9	74.0	26.9	83.6	36.2	34.9	35.8
1973	76.5	58.9	76.9	29.1	85.1	38.0	35.3	37.0
1974	75.3	58.0	77.0	31.9	84.2	42.4	38.0	40.8
1975	77.4	57.0	73.7	35.2	85.0	45.5	44.6	45.1
1976	80.3	61.1	76.1	38.2	87.3	47.6	47.5	47.6
1977	81.5	64.6	79.2	41.3	88.5	50.7	50.6	50.6
1978	82.7	68.8	83.2	45.0	90.3	54.5	53.3	54.1
1979	82.4	70.9	86.2	49.3	90.5	59.9	56.4	58.7
1980	82.1	70.2	85.5	54.7	90.2	66.6	60.5	64.3
1981	83.2	71.6	86.1	60.0	90.4	72.1	67.6	70.5
1982	82.6	69.4	83.9	64.4	91.8	78.0	69.4	74.8
1983	86.4	73.8	85.5	67.2	91.9	77.8	76.2	77.2
1984	88.2	80.0	90.7	70.0	92.1	79.4	79.3	79.4
1985	89.3	83.0	93.0	73.3	93.2	82.0	81.6	81.9
1986	92.0	86.2	93.7	77.1	96.3	83.7	82.4	83.2
1987	92.3	89.3	96.7	80.0	96.7	86.6	83.1	85.4
1988	93.5	93.3	99.8	83.6	97.4	89.4	85.4	87.9
1989	94.2	96.5	102.4	85.8	95.9	91.1	91.3	91.2
1990	95.3	97.8	102.7	90.5	96.3	95.0	93.6	94.5
1991	96.4	96.6	100.2	94.9	97.4	98.5	97.1	98.0
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.5	103.3	102.9	102.1	99.6	101.7	103.0	102.2
1994	101.8	108.2	106.3	104.3	99.5	102.5	107.0	104.1
1995	102.7	111.8	108.9	106.5	99.1	103.7	110.4	106.1
1996	105.4	116.7	110.7	109.8	99.5	104.2	113.5	107.6
1997	107.1	122.4	114.3	113.8	100.8	106.2	116.1	109.8
1998	110.1	128.8	117.0	119.8	104.7	108.7	114.0	110.6
1999	113.5	135.0	119.0	125.4	107.5	110.5	113.6	111.6

See footnotes following Table 6.

May 4, 2000

Source: Bureau of Labor Statistics

Appendix table 3. Nonfinancial corporations: Productivity, hourly compensation, unit labor costs, unit profits, and prices
Indexes 1992=100

Year	Output per all-employee hour	Output	Employee hours	Hourly compensation (1)	Real hourly compensation (2)	Unit labor costs	Unit non-labor costs (6)	Total unit costs (7)	Unit profits (8)	Implicit price deflator (4)
1958	52.0	25.5	49.2	14.4	64.9	27.8	23.5	26.6	47.3	28.4
1959	54.5	28.4	52.1	15.0	66.9	27.5	22.6	26.1	55.1	28.6
1960	55.5	29.4	52.9	15.6	68.5	28.1	23.3	26.8	50.2	28.8
1961	57.3	30.0	52.4	16.1	70.0	28.1	23.8	26.9	50.3	28.9
1962	59.7	32.5	54.4	16.7	72.0	28.0	23.4	26.8	54.6	29.1
1963	61.9	34.4	55.7	17.3	73.3	27.9	23.3	26.7	57.8	29.3
1964	64.4	36.9	57.2	18.0	75.6	28.0	23.3	26.7	60.2	29.6
1965	65.9	39.9	60.5	18.5	76.5	28.1	23.1	26.8	64.8	30.0
1966	66.9	42.7	63.9	19.5	78.4	29.2	23.2	27.6	64.7	30.7
1967	67.9	43.8	64.5	20.6	80.3	30.4	24.6	28.8	60.5	31.5
1968	70.2	46.6	66.4	22.2	82.8	31.6	26.2	30.2	60.3	32.7
1969	70.2	48.4	69.0	23.7	83.8	33.7	28.3	32.3	54.4	34.1
1970	70.5	48.0	68.0	25.3	84.9	35.9	31.9	34.8	44.4	35.6
1971	73.5	49.9	67.9	26.9	86.4	36.7	33.4	35.8	50.2	37.0
1972	75.4	53.8	71.4	28.5	88.5	37.8	33.5	36.6	54.1	38.1
1973	76.0	57.0	74.9	30.7	89.8	40.4	35.1	38.9	55.5	40.3
1974	74.3	56.0	75.3	33.6	88.5	45.2	40.5	43.9	49.2	44.4
1975	77.2	55.1	71.3	37.0	89.3	47.9	45.9	47.3	64.1	48.8
1976	79.7	59.5	74.6	40.0	91.4	50.2	45.9	49.0	72.3	51.0
1977	81.7	63.8	78.1	43.2	92.6	52.9	47.4	51.4	79.4	53.8
1978	82.4	68.1	82.6	47.0	94.2	57.0	50.0	55.1	82.5	57.4
1979	81.8	70.2	85.8	51.3	94.1	62.7	55.1	60.7	76.7	62.0
1980	81.4	69.2	85.1	56.6	93.4	69.6	65.1	68.4	68.8	68.4
1981	82.9	71.5	86.2	61.8	93.3	74.6	74.8	74.6	82.4	75.3
1982	83.6	70.0	83.7	66.3	94.3	79.2	82.3	80.0	75.0	79.6
1983	86.4	73.3	84.8	68.7	94.1	79.6	81.5	80.1	91.2	81.1
1984	88.8	80.2	90.3	71.7	94.3	80.7	81.1	80.9	108.6	83.2
1985	90.7	83.8	92.5	75.0	95.5	82.7	82.4	82.7	104.2	84.5
1986	92.7	85.9	92.7	78.8	98.5	85.1	85.7	85.3	88.0	85.5
1987	94.7	90.7	95.8	81.7	98.7	86.2	85.3	86.0	98.1	87.0
1988	96.7	95.8	99.1	84.8	98.9	87.7	87.4	87.6	108.0	89.4
1989	95.5	97.4	102.0	87.0	97.2	91.1	94.6	92.0	97.3	92.5
1990	96.0	98.3	102.4	91.4	97.3	95.2	98.0	95.9	94.3	95.8
1991	97.9	97.5	99.6	95.5	98.1	97.5	102.1	98.8	93.0	98.3
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.8	103.0	102.3	102.1	99.5	101.3	100.2	101.0	113.2	102.1
1994	103.2	109.6	106.2	104.3	99.5	101.0	101.3	101.1	131.7	103.7
1995	104.2	114.2	109.6	106.2	98.8	101.9	102.2	102.0	139.0	105.1
1996	107.6	119.9	111.5	109.0	98.8	101.4	100.6	101.2	152.2	105.5
1997	110.9	128.0	115.4	113.0	100.1	101.8	99.8	101.3	157.8	106.1
1998	115.4	136.6	118.3	119.0	104.1	103.1	98.8	102.0	151.4	106.1
1999	120.1	144.6	120.4	124.9	107.0	104.0	99.4	102.7	149.5	106.7

See footnotes following Table 6.

May 4, 2000

Source: Bureau of Labor Statistics