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PRODUCTIVITY AND COSTS

First Quarter 1989

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 1989. Based on preliminary data, the seasonally-adjusted annual rates of productivity change in the first quarter were:

3.5 percent in the husiness sector,

0.5 percent in the nonfarm business sector,

3.8 percent in manufacturing.

3.6 percent in durable goods manufacturing, and

4.0 percent in nondurable goods manufacturing.

First-quarter measures are summarized in table A and appear in detail in tables 1 through 5. Productivity rose in all sectors in the first quarter, but gains were strongest in manufacturing.

Business

Productivity increased at a 3.5 percent annual rate during the first quarter of 1989 in the business sector, as output rose 6.7 percent and hours of all persons engaged in the sector increased 3.1 percent (seasonally adjusted annual rates). During the fourth quarter of 1988, productivity declined 1.0 percent, as output grew 3.3 percent and hours increased 4.3 percent (table 1). The large productivity gain in the first quarter of 1989--the largest in a year--partly reflected a very large increase in farm productivity.

Hourly compensation increased 5.7 percent during the first quarter of 1989, compared with a 4.3 percent rise in the fourth quarter of 1988. 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 2.1 percent annual rate during the first quarter, down significantly from the 5.4 percent increase in the fourth quarter of last year.

Table A. Productivity and costs: Preliminary first-quarter 1989 measures (Seasonally adjusted annual rates)

				Hourly	Real hourly	Un1t
Sector	Produc- tivity	Output	Hours	compen- sation	compen- sation	labor costs
	Percent	change fr	om preced	ing quarter		
Business	3.5	6.7	3.1	5.7	0.3	2.1
Nonfarm business	0.5	3.6	3.1	5.7	0.3	5.2
Manufacturing	3.8	4.6	0.8	4.1	-1.2	0.4
Durable	3.6	4.2	0.5	4.5	-0.9	0.8
Nondurable	4.0	5.3	1.2	3.7	-1.7	-0.4
Pe	rcent cha	nge from s	ame quart	er a year a	go	
Business	0.2	3.8	3.6	5.2	0.4	5.1
Nonfarm business	0.2	4.0	3.7	5.2	0.4	4.9
Manufacturing	3.6	5.7	2.0	4.2	-0.5	0.6
Durable	3.2	6.0	2.7	4.0	-0.8	0.7
Nondurable	4.0	5.1	1.1	4.5	-0.2	0.5

Real hourly compensation, which takes into account changes in the Consumer Price Index for All Urban Consumers (CPI-U), increased at a 0.3 percent annual rate in the first quarter, compared with a 0.2 percent decline in the fourth quarter of 1988.

The implicit price deflator for the business sector, which reflects changes in unit labor costs and unit nonlabor payments, increased 3.3 percent in the first quarter.

Nonfarm business

Productivity increased 0.5 percent in the nonfarm business sector during the first quarter of 1989, as output rose 3.6 percent and hours of all persons increased 3.1 percent. During the fourth quarter of 1988, productivity rose 1.0 percent in this sector (table 2).

Hourly compensation increased 5.7 percent in the first quarter, but increased only 0.3 percent when the rise in the CPI-U was taken into account. Unit labor costs rose 5.2 percent, compared with a 4.1 percent rise during the fourth quarter of 1988.

The implicit price deflator for the nonfarm business sector rose 3.1 percent in the first quarter, compared with a 6.0 percent rise one quarter earlier.

Manufacturing

Productivity increased at a 3.8 percent seasonally adjusted annual rate in manufacturing in the first quarter of 1989, as output rose 4.6 percent and hours of all persons increased 0.8 percent (seasonally adjusted annual rates). Manufacturing productivity growth was much faster in the first quarter of 1989 than in the fourth quarter of 1988 (table 3). Productivity, output, and hours of labor input all advanced faster in nondurable goods industries than in durables (tables 4 and 5). While output increased in both subsectors, the increase in hours occurred mainly in nondurables.

Hourly compensation of all manufacturing workers increased 4.1 percent during the first quarter, with faster gains recorded for producers of durable goods. Real hourly compensation for the whole sector fell 1.2 percent when the increase in consumer prices is taken into account. Unit labor costs increased at a 0.4 percent annual rate, compared with a 3.5 percent increase during the fourth quarter of 1988.

Fourth quarter measures for nonfinancial corporations

Fourth-quarter 1988 measures of productivity and costs also were announced today for the nonfinancial corporate sector, together with revised annual movements (tables B and C). Output per all-employee hour increased 0.2 percent from the third to the fourth quarter of 1988, as output increased 4.5 percent and all-employee hours increased 4.2 percent (seasonally-adjusted annual rates). Productivity thus increased for the first and last quarters of 1988, but fell during the second and third quarters (table 6).

Table B. Nonfinancial corporations: Fourth quarter and current 1988 annual measures (Seasonally adjusted annual rates)

Period	Produc- tivity	Output	Hours	Hourly compen- sation	Real hourly compen- sation	Unit labor costs	Unit profits	Implicit price deflator
1988 III- 1988 IV	0.2	4.5	4.2	4.6	0.1	4.3	14.1	5.0
1987 IV - 1988 IV	0.5	4.3	3.7	4.3	0.0	3.8	4.3	3.7
1988 Annual	1.3	5.3	3.9	4.1	0.0	2.7	1.1	2.5

Table C. Nonfinancial corporations: Previous and current 1988 annual change in productivity and related measures (Percent change)

Measure	Produc- tivity	Output	Hours	Hourly compen- sation	Real hourly compen- sation	Unit labor costs	Unit profits	Implicit price deflator
Previous Current	1.2	5.1 5.3	3.9 3.9	4.2 4.1	0.0	2.9	-0.8 1.1	2.5

Hourly compensation increased 4.6 percent in the fourth quarter, but rose only 0.1 percent when the rise in the CPI-U is taken into account. Unit labor costs rose 4.3 percent, unit nonlabor costs increased 3.8 percent, and unit profits rose at a 14.1 percent annual rate. The implicit deflator for nonfinancial corporate output rose 5.0 percent during the fourth quarter.

REVISED MEASURES

Current and previous measures for the fourth quarter and full year 1988 for the business, nonfarm business, and manufacturing sectors are compared in table D. Fourth quarter movements differ somewhat from those that had been reported on March 7, based on information then available. Annual movements were virtually the same as previously published.

Table D. Previous and current productivity and related measures, fourth quarter and annual averages, 1988 (Seasonally-adjusted annual rates)

Sector	Produc- tivity	Output	Hours	Hourly compen- sation	Real hourly compen- sation	Unit labor costs
Pei	cent change	e, third t	o fourth	guarter 1988	3	
Business:	J	•		•		
Previous	-2.0	2.2	4.3	4.7	0.3	6.8
Current	-1.0	3.3	4.3	4.3	-0.2	5.4
Nonfarm business:			. • •	. • •	•••	• • •
Previous	0.1	3.7	3.6	5.6	1.1	5.6
Current	1.0	4.8	3.7	5.2	0.7	4.1
Manufacturing:		-				
Previous	1.8	5.5	3.6	5.5	1.0	3.5
Current	1.6	5.1	3.5	5.1	0.6	3.5
	Perce	ent change	, 1987 to	1988		
Business:						
Previous	1.0	4.5	3.4	4.8	0.7	3.7
Current	1.1	4.6	3.5	4.8	0.6	3.7
Nonfarm business:		,				
Previous	1.4	5.1	3.6	4.7	0.5	3.2
Current	1.5	5.2	3.7	4.6	0.4	3.1
Manufacturing:						•
Previous	3.2	6.1	2.8	3.6	-0.6	0.3
Current	3.2	6.1	2.8	3.5	-0.6	0.3

Next release date

The next release of Productivity and Costs is scheduled for 10:00 AM EDT Thursday, June 1, 1989. First-quarter measures for nonfinancial corporations and measures for business, nonfarm business, and manufacturing will be released at that time.

TECHNICAL NOTES

Business sector output is equal to gross national product in constant 1982 dollars, less the rest-of-the-world sector, general government, output of non-profit institutions, output of paid employees of private households, rental value of owner-occupied dwellings, and the statistical discrepancy in computing the national income accounts. Corresponding exclusions are also made in labor inputs. Business output accounted for 81 percent of gross national product in 1988. The nonfarm business sector, which also excludes farming, accounted for about 79 percent of gross national product in 1988.

Total manufacturing measures are computed by summing series prepared for the durable and nondurables goods sectors.

The durable sector includes the following 2-digit SIC industries: Primary metals; fabricated metal products; nonelectrical machinery; electrical machinery; transportation equipment; instruments; lumber and lumber products; furniture and fixtures; stone, clay, and glass products; and miscellaneous manufactures. The nondurable sector includes these 2-digit SIC industries: Textile mill products, apparel products, leather and leather products, printing and publishing, chemical and chemical products, petroleum products, rubber and plastic products, food, and tobacco products.

Manufacturing output accounted for about 22 percent of gross national product in 1988.

Nonfinancial corporate output is equal to gross national product in constant 1982 dollars, less the rest-of-the-world sector, general government, unincorporated business, output of nonprofit institutions, output of paid employees of private households, rental value of owner-occupied dwellings, the output of corporations engaged in banking, finance, stock and commodity trading, and credit and insurance agencies, and the statistical discrepancy in computing the national income accounts. Nonfinancial corporate output accounted for about 60 percent of gross national product in 1988.

The productivity and associated cost measures in this news release describe the relationship between output in real terms 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 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; mangerial skill; and the characteristics and effort of the work force.

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

	Year and	Output per	Output	Hours	Compensa-	Real compensa-	Unit	Unit non-	Implicit
	quarter	hour of all persons	ouspes	of all persons	tion per hour(1)	tion per hour(2)	labor cost	labor pay- ments(3)	price deflator(4)
	******			Indexe	es 1977=100				
1988	I	112.8	138.0	122.3	195.8	101.9	173.5	170.0	172.3
	.11	111.8	138.8	124.1	198.1	102.0	177.1	170.4	174.7
	III	112.3 r112.0	139.8 r140.9	124.5 125.8	201.1 r203.2	102.4 r102.3	179.0 r181.4	172.7 r174.6	176.8 179.0
	ANNUAL	r112.2	r139.4	r124.3	r199.4	r102.1	r177.8	r172.0	175.7
1989	1	113.0	143.2	126.8	206.0	102.4	182.3	177.0	180.4
			Perce	nt change fro	om previous qua	rter at annual (ate(5)		
1988		3.5	5.5	1.9	3.7	0.0	0.2	2.5	1.0
	11 111	-3.4 1.7	2.4 2.8	6.0 1.1	4.8 6.2	0.3 1.4	8.5 4.4	1.0 5.3	5.8 4.7
	VIV	r-1.0	r3.3	4.3	r4.3	r-0.2	r5.4	r4.7	5.1
	ANNUAL	rl.l	г4.6	r3.5	4.8	r0.6	3.7	r1.9	3.1
1989	I	3.5	6.7	3.1	5.7	0.3	2.1	5.5	3.3
			Percent	change from (corresponding q	uarter of previo	ous year		
1988		2.7	5.8	3.0	4.5	0.5	1.8	2.7	2.1
	11	1.1	5.0	3.9	4.8	0.9	3.7	1.0	2.7
	IV	0.6 r0.2	4.1 r3.5	3.5 3.3	5.2 r4.7	1.0 r0.4	4.6 r4.6	0.7 r3.4	3.2 r4.1
	ANNUAL	rl.1	r4.6	r3.5	4.8	r0.6	3.7	rl.9	3.1
1989	I	0.2	3.8	3.6	5.2	0.4	5.1	4.1	4.7

May 3, 1989 Source: Bureau of Labor Statistics

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

	Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensa- tion per hour(1)	Real compensa- tion per hour(2)	Unit labor cost	Unit non- labor pay- ments(3)	Implicit price deflator(4)
				Indexe	s 1977=100				
1988	I II III IV	110.8 110.1 110.7 r110.9	137.9 139.2 140.5 r142.1	124.4 126.4 126.9 128.1	194.6 196.6 199.4 r201.9	101.3 101.3 101.5 r101.7	175.7 178.6 180.2 r182.0	171.6 171.8 173.9 r177.9	174.2 176.2 178.0 180.6
	ANNUAL	r110.6	r139.9	r126.6	r198.0	r101.4	r179.1	r173.9	177.3
1989	I	111.1	143.4	129.1	204.8	101.8	184.3	177.6	182.0
			Perce	nt change fro	om previous qua	rter at annual	rate(5)	***********	
1988	1 11 111 1V	3.4 -2.4 2.0 r1.0	5.6 4.0 3.5 r4.8	2.1 6.6 1.5 r3.7	3.5 4.2 5.7 r5.2	-0.1 -0.3 0.9 r0.7	0.1 6.8 3.7 r4.1	1.6 0.7 4.8 r9.6	0.6 4.7 4.1 6.0
	ANNUAL	r1.5	r5.2	r3.7	r4.6	r0.4	r3.1	r2.1	2.8
1989	I	0.5	3.6	3.1	5.7	0.3	5.2	-0.7	3.1
			Percent	change from	corresponding o	quarter of previ	ous year		
1988	I II III IV	2.8 1.4 1.0 r1.0	6.0 5.6 4.7 r4.5	3.1 4.1 3.8 r3.5	4.4 4.6 5.0 r4.7	0.4 0.7 0.8 r0.3	1.6 3.2 4.0 r3.6	2.6 1.2 0.5 r4.1	1.9 2.5 2.8 3.8
1989	τ .	0.2	4.0	3.7	5.2	0.4	4.9	3.5	4.5

See footnotes following table 6.

r=revised

May 3, 1989 Source: Bureau of Labor Statistics

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

						Real	
	Year and quarter	Output per hour of all persons	Output (6)	Hours of all persons	Compensa- tion per hour(1)	compensa- tion per hour(2)	Unit labor cost
			I	ndexes 1977=1	100		
1988	I	134.3	135.0	100.6	190.7	99.3	142.1
	11	135.5	136.9	101.1	192.1	99.0	141.8
	111	137.2	139.3	101.5	194.4	99.0	141.6
	IV	r137.8	r141.1	102.4	r196.8	r99.1	142.9
	ANNUAL	136.2	138.1	101.4	r193.5	r99.1	142.1
1989	I	139.0	142.7	102.6	198.8	98.8	143.0
		Percent ch	ange from p	revious quart	ter at annual ra	ate(5)	
1988	I	3.2	4.6	1.3	5.4	1.8	2.2
	11	3.7	5.8	2.0	3.0	-1.5	-0.7
	III	5.2	7.1	1.8	4.8	0.0	-0.5
	IA	r1.6	r5.1	r3.5	r5.1	r0.6	3.5
	ANNUAL	3.2	6.1	2.8	r3.5	-0.6	0.3
1989	I	3.8	4.6	0.8	4.1	-1.2	0.4
		Percent change	from corre	sponding qua	rter of previous	year	
1988	I	3.3	6.2	2.8	2.6	-1.3	-0.7
	11	2.8	6.4	3.4	3.2	-0.7	0.3
	III	3.3	6.2	2.8	3.8	-0.3	0.5
	IA	r3.4	r5.6	2.2	4.6	r0.2	1.1
	ANNUAL	3.2	6.1	2.8	r3.5	-0.6	0.3
1989	I	3.6	5.7	2.0	4.2	-0.5	0.6

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Source: Bureau of Labor Statistics

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

					Real	
Year and quarter	Qutput per hour of all persons	Output (6)	Hours of all persons	Compensa- tion per hour(1)	compensa- tion per hour(2)	Unit labor cost
		I	ndexes 1977=1	.00		
Ĭ	141.3	141.3	100.0	189.5	98.7	134.1
						133.3
						133.4
IV	r144.6	r148.3	102.6	r194.8	r98.1	r134.7
ANNUAL	143.2	145.0	101.3	r191.7	98.2	133.9
Ţ	145.9	149.8	102.7	197.0	97.9	135.0
	Percent ch	ange from p	revious quart	er at annual r	ate(5)	
I	3.8	4.3	0.4	7.1	3.4	3.2
II	3.8	7.7	3.8	1.4	-3.0	-2.3
III	4.3	6.8	2.4	4.7	0.0	0.5
IV	r1.2	r5.3	r4.1	r5.3	r0.8	r4.0
ANNUAL	3.4	6.6	3.1	3.5	-0.6	0.1
I	3.6	4.2	0.5	4.5	-0.9	0.8
	Percent change	from corre	sponding quar	ter of previou	s year	
I	3.4	6.0	2.5	2.5	-1.4	-0.9
II	3.3	7.3	3.8	3.1	-0.8	-0.2
III	3.6	7.2	3.4	3.8	-0.3	0.1
VI.	3.3	r6.0	2.7	r4.6	r0.3	r1.3
ANNUAL	3.4	6.6	3.1	3.5	-0.6	0.1
I	3.2	6.0	2.7	4.0	-0.8	0.7
	I III IV ANNUAL I I III IV ANNUAL	Table Tabl	Table Tabl	Quarter	quarter hour of all persons (6) persons of all tion per persons hour(1) Indexes 1977=100 I 141.3 141.3 100.0 189.5 II 142.7 144.0 100.9 190.1 III 144.2 146.4 101.5 192.3 IV r144.6 r148.3 102.6 r194.8 ANNUAL 143.2 145.0 101.3 r191.7 I 145.9 149.8 102.7 197.0 Percent change from previous quarter at annual resolutions I 3.8 7.7 3.8 1.4 III 3.8 7.7 3.8 1.4 III 4.3 6.8 2.4 4.7 IV r1.2 r5.3 r4.1 r5.3 ANNUAL 3.4 6.6 3.1 3.5 Percent change from corresponding quarter of previou I 3.4 6.0 2.5 2.5 II 3.3 7.3	Year and quarter Output hour of all persons Output of all persons Hours of all tion per hour(1) Compensation per hour(2) Indexes 1977=100 Indexes 1977=100 1 141.3 141.3 100.0 189.5 98.7 11 142.7 144.0 100.9 190.1 97.9 11 144.2 146.4 101.5 192.3 97.9 11 144.2 146.4 101.5 192.3 97.9 1 143.2 145.0 101.3 r191.7 98.2 1 145.9 149.8 102.7 197.0 97.9 Percent change from previous quarter at annual rate(5) 1 3.8 7.7 3.8 1.4 -3.0 11 3.8 7.7 3.8 1.4 -3.0 11 4.3 6.8 2.4 4.7 0.0 1V r1.2 r5.3 r4.1 r5.3 r0.8 ANNUAL 3.4 6.6 3.1 3.5 -0.6

May 3, 1989 Source: Bureau of Labor Statistics

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

	Year and quarter	Output per hour of all persons	Output (6)	Hours of all persons	Compensa- tion per hour(1)	Real compensa- tion per hour(2)	Unit labor cost
			I	ndexes 1977=1	.00		
1988	I	123.9	125.6	101.4	193.2	100.6	156.0
	II	124.8	126.4	101.3	195.7	100.8	156.8
	111	126.9	128.8	101.5	197.9	100.8	156.0
	IV	r127.5	r130.3	102.2	200.2	100.8	r157.0
	ANNUAL	125.8	127.8	101.6	196.8	100.8	r156.5
1989	I	128.8	132.0	102.5	202.0	100.4	156.9
		Percent ch	ange from p	revious quart	er at annual r	ate(5)	
1988	I	2.3	5.1	2.7	2.9	-0.7	0.6
	ΙΙ	3.2	2.7	-0.5	5.2	0.6	2.0
	111	6.8	7.7	0.9	4.6	-0.1	-2.0
	IA	r2.0	r4.8	2.7	4.7	r0.2	r2.6
	ANNUAL	2.9	r5.2	2.3	3.5	-0.6	r0.7
1989	Ĭ	4.0	5.3	1.2	3.7	-1.7	-0.4
		Percent change	from corre	sponding quar	rter of previou	s year	
1988	I	3.1	6.4	3.2	2.8	-1.1	-0.3
	11.	2.0	4.9	2.9	3.2	-0.7	1.1
	111	2.7	4.6	1.8	3.7	-0.4	1.0
	IA	r3.5	r5.0	1.4	r4.3	0.0	r0.8
	ANNUAL	2.9	r5.2	2.3	3.5	-0.6	r0.7
1989	I	4.0	5.1	1.1	4.5	-0.2	0.5

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Source: Bureau of Labor Statistics

Table 6. Nonfinancial corporations: Productivity, hourly compensation, unit labor cost, unit profits, and prices, seasonally adjusted

	Year and quarter	•	Output	Employee hours	compensa- tion (1)			Unit non- labor cost(7)	Total unit cost (8)	pro-	Implicit price deflator (4)
				•		1977=100					
1987	II III	110.9 112.2	131.3 133.3 136.1	119.3 120.2 121.3	184.3 186.1	99.0 98.6 98.7	166.2 166.1 165.9	180.8 182.6 183.0	-169.9 170.3 170.2	128.5 129.8 136.4	165.4 166.1
	I V ANNUAL	112.2	137.7 134.6	122.8	188.5 185.5	99.0 98.9	168.1 166.6	183.6 182.5	172.0 170.6	128.3	
1988	· I ·	113.3	140.1	123.6	189.9	98.9	167.5	183.4	171.5	132.5	166.9
	III III	112.9 112.7 112.7	141.2 142.0 143.6	125.0 126.1 127.4	191.9 194.5 196.6	98.8 99.0 99.0	170.0 172.6 174.4	185.1 187.8 189.6	173.8 176.4 178.3	132.6 129.6 133.9	170.8
	ANNUAL	r112.8	r141.7	125.6	r193.1	r98.9	r171.1	r186.5	r175.0	r132.2	169.9
			Per	rcent chai	nge from p	revious qua	irter at a	nnual rat	e(5)		
1987	I I I I I I I V	3.1	2.9 6.1 8.8 4.7	2.9	1.6 2.9 4.1 5.2	-3.6 -1.8 0.4 1.5	2.6 -0.2 -0.6 5.3	2.5 4.1 0.8 1.3	2.6 1.0 -0.2 4.2	-3.5 3.9 21.9 -21.5	2.0 1.2 1.7 1.5
	ANNUAL	1.5	4.3	2.7	3.4	-0.3	1.8	2.3	1.9	-1.2	1.6
1988	I II III IV ANNUAL	-1.6 -0.8	7.2 3.0 2.5 4.5	3.3 4.2		-0.6 -0.3 0.8 0.1	5.9 6.4 4.3	-0.3 3.7 6.1 3.8	5.3 6.3 4.2	13.8 0.3 -8.9 14.1	4.8 4.8 5.0
*			Perce	nt change	from corr	esponding o	quarter of	previous	year		
1987	I I I I I I I I I I I I I I I I I I I	1.5 2.3	2.0 3.9 5.6 5.6	2.4 3.2	3.2 3.3 3.4	1.1 -0.6 -0.9 -0.9	2.8 1.7 0.9 1.8	3.2 1.5	2.1 1.1 1.9	-2.2 2.0	1.7 1.2 1.6
1988	I III III		6.7 5.9 4.3 4.3	3.0	3.8 4.1 4.5 4.3	-0.2 0.2 0.3 0.0	0.8 2.3 4.0 3.8	1.5 1.4 2.7 3.3			2.1 2.8
	ANNUAL	r1.3	r5.3	3.9	r4.1	0.0	r2.7			r1.1	2.5

May 3, 1989

Source: Bureau of Labor Statistics

SOURCE: Output data from Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and hours data from the Bureau of Labor Statistics, U.S. Department of Labor, 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 30 days after the close of the reference period; revisions appear 30 days later, and second revisions after an additional 60 days. In the business sector, the probability is 0.95 that the third publication (second revision) of a quarterly index of output per hour of all persons will differ from the initial value by between -1.8 and +2.1 index points. This interval is based on the performance of this measure between the first quarter of 1976 and the second quarter of 1988.

Footnotes, Tables 1-6

- (1) Wages and salaries of the 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) Compensation per hour adjusted for changes in the Consumer Price Index for All Urban Consumers.
- (3) Unit nonlabor payments include profits, capital consumption allowances, interest, rental income of persons, and indirect taxes.
- (4) Current dollar gross product divided by constant dollar gross product.
- (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) Quarterly manufacturing output measures are based on the index of industrial production prepared monthly by the Board of Governors of the Federal Reserve adjusted by BLS to annual manufacturing output levels (gross product originating) from the National Income and Product Accounts prepared by the Bureau of Economic Analysis of the U.S. Department of Commerce.
- (7) Unit nonlabor cost includes capital consumption allowances, interest, rental income of persons, and indirect taxes. For nonfinancial corporations, rental income of persons is zero by definition.
- (8) Total unit cost is the sum of labor and nonlabor costs.
- (9) Unit profits include corporate profits with inventory valuation and capital consumption adjustments.