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PRODUCTIVITY AND COSTS

First Quarter 1984

Productivity, as measured by output per hour of all persons, increased at a 2.9 percent easonally adjusted annual rate in the first quarter of 1984 in the business sector, according to preliminary measures announced today by the Bureau of Labor Statistics of the U.S. Department of Labor.

The following tabulation shows the annual rate of productivity increase in the first quarter in major sectors:

2.9 percent in the business sector,

2.6 percent in the nonfarm business sector,

2.5 percent in manufacturing,

5.0 percent in durable goods manufacturing, and

-1.2 percent in nondurables goods manufacturing.

First quarter measures are summarized in table A and appear in detail in tables 1 through 5.

Business sector

Productivity increased at a 2.9 percent seasonally adjusted annual rate in the first quarter of 1984 in the business sector, reflecting a 10.3 percent increase in output and a 7.2 percent increase in hours of all persons engaged in the sector. The increase in hours was the largest since 1978 (when a 10.5 percent gain occurred in the second quarter), and the increase in output was the largest since last year (when output rose 12.7 percent in the second quarter of 1983). The increase in hours reflects gains in both the number of persons employed and average weekly hours during the first quarter. The 2.9 percent increase in the length of the average workweek is the largest in this series, which begins with data for 1947.

During the fourth quarter of 1983, productivity rose 4.2 percent, as output increased 7.6 percent and hours 3.3 percent.

Hourly compensation—which includes employer expenditures for wages and salaries, supplements, payments for social security, private pension and health plans, and other employee benefits—increased 6.0 percent in the first quarter, compared with a 6.9 percent gain in the fourth quarter of 1983. Unit labor costs, which reflect the relationship between changes in hourly compensation and productivity, increased at a 3.0 percent annual rate in the first quarter of 1984, compared to a 2.5 percent gain during the fourth quarter of 1983. The faster rate of increase in the first quarter reflected slower productivity growth; hourly compensation gains slowed in the first quarter.



Table A. Productivity and costs: Percent change at seasonally adjusted annual rates

Sector	Produĉ- tivity	Output	Hours	Hourly compen- sation	Real hourly compen- sation	Unit labor costs	
		PRELIM	INARY	and the second second for any provided the second		**************************************	
	Fourth qua	rter 1983 t	o first q	uarter 1984	·		
Business	2.9	10.3	7.2	6.0	1.0	3.0	
Nonfarm business	2.6	9.9	7.2	6.1	1.0	3.4	
Manufacturing	2.5	12.7	9.9	6.3	1.3	3.7	
Durable	5.0	18.8	13.1	.6.8	1.7	1.6	
Nondurable	-1.2	4.1	5.3	4.9	-0.1	6.1	
	First qua	rter 1983 t	o first q	uarter 1984	Charles in Charles in an arrival and an arrival and an arrival and an arrival and arrival arrival and arrival arrival and arrival arri	**************************************	
Business	3.5	9.6	5.8	5.0	0.5	1.4	
Nonfarm business	3.7	10.1	6.2	4.6	0.2	1.0	
Manufacturing	6.9	16.7	9.2	3.8	-0.7	-2.9	
Durable	8.1	20.8	11.8	3.5	-0.9	-4.3	
Nondurable 5.1		11.0	5.6	3.6	-0.8	-1.4	

Real hourly compensation—which is adjusted to account for changes in the Consumer Price Index for All Urban Consumer (CPI-U)—increased 1.0 percent in the first quarter, compared with a 2.3 percent increase a quarter earlier. The implicit price deflator—which reflects changes in unit labor costs and unit nonlabor payment combined—increased 3.5 percent in the first quarter. During the fourth quarter of 1983, the deflator, which measures the change in prices of the goods and services that make up the output of the business sector, rose 3.7 percent (seasonally adjusted annual rates).

Nonfarm business

Productivity increased 2.6 percent in the nonfarm business sector in the first quarter of 1984. Output increased at a 9.9 percent annual rate, and hours rose 7.2 percent (table 2). Hourly compensation increased 6.1 percent in the first quarter, compared with a 4.3 percent gain a quarter earlier. Unit labor costs rose 3.4 percent, compared with a 1.6 percent increase in the fourth quarter of 1983. Real hourly compensation increased 1.0 percent in the first quarter; during the fourth quarter of 1983, it declined 0.1 percent. The implicit price deflator increased 2.5 percent, compared with a 3.7 percent increase one quarter earlier.

Manufacturing

Productivity increased 2.5 percent in manufacturing during the first quarter; output rose 12.7 percent and hours increased 9.9 percent (seasonally adjusted annual rates). Productivity advanced in durables (5.0 percent) but fell among producers of nondurable goods (-1.2 percent) (tables A and 3 through 5). Output of durables increased 18.8 percent and hours rose 13.1 percent. By contrast, output and hours rose 4.1 percent and 5.3 percent, respectively, in nondurables. The increase in hours reflected employment gains in both subsectors, but the employment gain in durables was a good deal larger than in nondurables.

Hourly compensation increased 6.3 percent in manufacturing as a whole in the first quarter, the largest increase in a year. Unit labor costs increased 3.7 percent, the first rise since the first quarter of 1983 (table 3). After allowing for the increase in the CPI-U, real hourly compensation in manufacturing increased 1.3 percent in the first quarter, the first increase in a year.

Fourth-quarter measures for nonfinancial corporations

Fourth-quarter 1983 measures of productivity and costs were also announced today for the nonfinancial corporate sector, together with revised annual movements (tables B and C), Output per all-employee hour increased 3.4 percent in the fourth quarter of 1983, as output rose 9.3 percent and employee-hours rose 5.7 percent (table 6). Hourly compensation increased 4.6 percent and unit labor costs rose 1.2 percent. Unit profits closed the year with a 42.4 percent annual rate of increase in the fourth quarter; substantial increases also occurred during the first 3 quarters (table 6).

Table B. Nonfinancial corporations: Preliminary fourth quarter and revised annual productivity and cost measures, quarterly change at seasonally adjusted annual rates

Percent change

Period	Produc- tivity	Output	Hours	Hourly compen- sation	Real hourly compen- sation	Unit labor costs	Unit profits	Implicit price deflator
Third quarter 1983 to fourth quarter 1983	3.4	9.3	5.7	4.6	0.2	1,2	42.4	3.5
Fourth quarter 1982 to fourth quarter 1983	4.3	9.8	5.3	4.1	0.7	-0.2	73.1	3,6
1983 annual average	3.3	4.4	1.0	4.8	1.5	1.4	37.4	3.6

Revised annual measures showed little change from preliminary figures announced on February 28, based on information then available. The revised measures show slightly larger increases in productivity and output (table C).

Table C. Nonfinancial corporations: Preliminary and revised 1983 annual percent change in productivity and cost measures

Item	Produc- tivity	Output	Hours	Hourly compensation	Real hourly compen- sation	Unit labor costs	Unit profits	Implicit price deflator
Preliminary Revised	3.2 3.3	4.2	1.0	4.9 4.8	1.6 1.5	1.6	35.4 37.4	3.6 3.6

TECHNICAL NOTES

Business sector output is equal to gross national product less the rest-of-the-world sector, general government, output of paid employees of private households and nonprofit institutions, 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 has accounted for about 77 percent of gross national product in recent years.

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

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

Manufacturing output has accounted for about 24 percent of gross national product in recent years.

Nonfinancial corporate output is equal to gross national product less the rest-of-the-world sector, general government, unincorporated business, output of paid employees of private households and nonprofit institutions, 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 has accounted for about 59 percent of gross national product in recent years.

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 contributions 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.

Table 1. 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)
				In	dexes 1977=100				
1983	II III IV	102.4r 103.9 104.2 105.3r	107.1 110.4 112.4 114.5r	104.6r 106.2 107.9 108.8r	160.6r 162.0r 163.5r 166.2r	99.3r 99.1r 99.0 99.5r	156.9 156.0 156.9 157.9r	140.9r 145.7 147.6 149.9r	151.5 152.5 153.8 155.2r
	ANNUAL	103.9r	111.1r	107.0r	163.0r	99.2	156.9r	146.1r	153.2r
1984	I.	106.0p	117.4p	110.7p	168.6p	99.8p.	159.1p	151.6p	156.5p
			Percent	change from p	revious quarte	r at annual rate	:(5)		
1983	IV III I	1.9r 5.9 1.2 4.2r	4.2 12.7 7.8 7.6r	2.3r 6.5 6.5 3.3r	5.2r 3.5 3.6 6.9r	4.9r -0.8 -0.6 2.3r	3.3 -2.2 2.3 2.5r	10.6r 14.4 5.4 6.2r	5.5 2.8 3.3 3.7r
	ANNUAL	2.7r	4.2r	1.4	5.1r	1.9	2.4r	6.7r	3.7r
1984	I	2.9p	10.3p	7.2p	6.0p	1.0p	3.0p	4.6p	3.5p
		P	ercent chan	ge from corre	esponding quart	er of previous y	rear(6)		
1983	I III IV	1.3 3.1r 3.0r 3.3r	-0,1 3.2 5.5 8.0r	-1.3r 0.1r 2.4r 4.6r	6.0r 5.2r 4.5 4.8	2.3r 1.9 1.8r 1.4r	4.7 2.1 1.4 1.5r	2.8 6.4r 8.3 9.1r	4.1 3.4 3.6 3.8r
a gr	ANNUAL	2.7r	4.2r	1.4	5.1r	1.9	2.4r	6.7r	3.7r
1984	I	3.5p	9.6p	5.8p	5.0p	0.5p	1.4p	7.6p	3.3p

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

						Real			
	Year and quarter	Output per hour of all persons	Output	Hours of all persons	Compensa- tion per hour(1)	compensa- tion per hour(2)	Unit labor cost	Unit non- labor pay- ments(3)	Implicit price deflator(4
				Ir	dexes 1977=100				
1983	I	101.6r	106.7	105.0r	160.8r	99.4r	158.3	140.7	152.4
	II	103.4r	110.2	106.6r	162.6r	99.4r	157.2	145.8r	153.4
	III	104.0	112.5	108.2	164.1r	99.3r	157.8	148.3	154.7
	IA	104.7r	114.8r	109.6r	165.9r	99.3r	158.4r	151.3r	156.1
	ANNUAL	103,4	111.1r	107.4r	163,4	99.4	157.9r	146.6r	154.2
1984	I	105.3p	117.5p	111.5p	168.3p	99.6p	159.8p	151.6p	157.0p
	. The sale was and	<u>को जाते तथा पात्र जांक जांक जांक जांक प्रश्न जांक जांक जोंक जो अंक स्थान शाक जांक जांक जींक जींक</u>	Percent	change from p	revious quarte	r at annual rate	(5)		
1983	I	3.5r	4.9	1.3r	6.6r	6.3r	3.0	10.6	5.3
	II	7.1	13,7	6.2	4.4x	0.0	-2.6	15.1r	2.7
	III	2.3	8.9	6,4	3.8	-0.3	1.5	7.3	3.3
	IV	2.7r	8.1r	5,2r	4.3r	-0.1r	1.6r	8.3r	3.7
	ANNIIAL	3,2r	4.5r	1.3r	5.6	2.3	2.3r	7.0r	3.8
1984	I	2.6p	9.9p	7,2p	6.1p	1.0p	3.4p	0.7p	2.5p
		Р	ercent chan	ge from corre	sponding quart	er of previous y	/ear(6)		
1983	ı	1.7	0.2	-1.4r	6.3r	2.6r	4.6	3.1	4.1
	II	3.5r	3.3	-0.2r	5.9 r	2.5r	2.3	5.9	3.4
	III	3.5r	5.7	2.1r	5.1r	2.5	1.5	8.7r	3.7
	IA	3.9r	8.9r	4.8r	4.8	1.4r	0.8r	10.3r	3.7
	ANNUAL	3.2r	4.5r	1.3r	5.6	2.3	2.3r	7.0r	3.8
1984	I	3.7p	10.1p	6.2p	4.6p	0.2p	1.0p	7.7p	3.0p

See footnotes following table 6.

r=revised

p≈preliminary

April 26, 1984

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

	Year and quarter	Output per hour of all persons	Output (7)	Hours of all persons	Compensa- tion per hour(1)	Real compensa- tion per hour(2)	Unit labor cost
<u></u>		ang ang hapi dan finis kata ang kan naw una una una una una naw naw naw una una una	Ind	exes 1977=100)	and anno men can cing and also then had then and anno anno ang ang tan	
1983	I	109.9r	100.1	91.1r	165.1r	102.1r	150.2
	II	112.3r	105.0	93.5r	166.02	int.5r	147.8
	111	115.6r	110.7	95.7±	167.1r	101.2±	144.5
	Ĭv	116.7r	113.4r	97.2r	168.7r	idistr	144.5
	ANNIAL	113.1r	106.8	94.4r	166.7r	101.4r	147.4r
1984	I	117.5p	116.9p	99.5p	171.4p	101.4p	145.9p
	, laipe agus anns anns agus deur deur deur deur deur	Përcent cha	nge from þr	evious quarte	er at annual ra	te(5)	
1983	I	7.4r	12.7	4.9±	10.0r	9.7r	2.5
	II	9.1r	21.2	11.1	2.1	-2.2	-6.4
	III	12.2	23.2	9.8	2.7	-1.4	-8.4
	ĮV	4.0r	10.4r	6.1	4.0	-0.4	0.0r
	ANNUAL	6.2r	7.8	1.5r	5.4r	2.1r	-0.8
1984	I	2.50	12.7p	9.9p	6.3 p	1.3p	3.7p
	الله هنا عب سب سب سه اسه شد شاه بيد أديد ا	Percent change	from corre	sponding quar	ter of previou	s year(6)	
1983	I	4.6r	-0.1	-4.5r	6.4r	2.7r	1.8
	11	6.6r	5.6	-0.9r	5.6r	2.2r	-0.9
	III	7.2r	11.2	3.7r	4.7 r	2.0r	-2.4
	IV	8.1r	16.7r	8.0r	4.7 r	1.3r	-3.2
	ANNUAL	6.2r	7.8	1.5r	5.4r	2.1r	-0.8
1984	Ì	6.9p	16.7p	9.2p	3.8p	-0.7p	-2.9p

See footnotes following table 6. r=revised

p=preliminary

April 26, 1984

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

						Real		
	Year and	Output per		Hours	Compensa-	compensa-	Unit	
	quarter	hour of all persons	(7)	of all persons	tion per hour(1)	tion per hour(2)	labor cost	
170 CQ +13 CM 17	ه خانت دوي خانه محمد سعة خانج دوي مخط محم منت	- PUB HID HAND WITH MAD BEET TOTAL HILLD HOR WHILE THEIR HAVE HAND WHILE WHILE THEIR TOTAL PUTTY YOU	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	exes 1977=100))	with 450 title colo colo colo colo algo colo colo colo colo colo colo colo c		
			200 4 4 - 14					
1983	I	109.1r	97.4	89.3r	164.9r	102.0r	151.1	
	II	111.8r	102.8	91.9r	165.6r	101.3r	148.1	
	III	114.9r	109.1	94.9 _T	166.8r	101.0r	145.1	
	IV	116.6	112.8r	96.8r	168.0r	100.6r	144.1r	
	annial.	112.6r	104.9	93.2r	166.4r	101.2r	147.8	
1984	I	118.0p	117.8p	99.8p	170.8p	101.0p	144.7 _P	
نايه دونه هناه خانه خانه	ह नवार ६२७ नाइ नवा नाइ हार्य नाउ भन्ना नगर राहा नाइ	Percent cha	nge from pr	evious quarte	er at annual ra	te(5)		
1983	I	8.0r	15.5	6.9r	10.6r	10.2r	2.4	
	II	10.3	24.0	12.4	1.6	-2.6	-7.9	
	III	11.5	26.6	13.5		-1.3	-7.8r	
	ľA	5.8r	14.3r	8.1r	3.0r	-1.3r	-2.6r	
	ANNUAL	6.8r	7.9r	1.0r	5.4r	2.1r	-1.3	
1984	I	5.0p	18.8p	13.1p	6.8p	1.7p	1.6p	
يزن وله هند ولاي بال	ৰ প্ৰায়েৰ পাছক পাটো প্ৰদিশ্বে চৰকাৰ পৰাটো ৰাজ্য ব্যৱহাৰ চাইকা পৰাইছ	Percent change	from corres	ponding quart	er of previous	year(6)		
1983	I	5.2r	-1.9	-6.7r	6.6r	2.9r	1.4	
	II	7.3r	4.6	-2.5r	5.6r	2.2r	-1.5	
	III	7.6r	11.7	3.8r	4.5r	1.9r	-2.9	
	IA	8.9r	20.0r	10.2r	4.5r	1.1r	-4.1r	
	ANNUAL	6.8r	7.9r	1.0r	5.4r	2.1r	-1.3	
1984	I	8.1p	20.8p	11.8p	3.5p	-0.9p	-4.3p	

See footnotes following table 6.

r=revised

p=preliminary

April 26, 1984

Table 5. Nondurable manufacturing sector: Productivity, hourly compensation, and unit labor cost, seasonally adjusted (12)

	Year and quarter	Output per hour of all persons	Output (7)		Compensa- tion per hour(1)	Real compensa- tion per hour(2)	Unit labor cost	(
	ه وريد ويت بيت منه سال شاء الله بينه منه سال سال هي هيه	ينها حجال جائل طباعة حكام منتات خافة حجات جنان حائل الجان أربين بنجن حينا حينا عند هند حقد حقد	ه شده مدد حقه محد محد محد محد محد محد	mak water dangs dangs dangs dangs dangs dangs aman amak ana	Indexes 1977=10	00		**G.15.
1983	I	111.0r	104.1	93.8r	166.2r	102.8r	149.8	
	II	113.0r	108.4	95.9r	167.3r	102.3r	148.1	
	III	116.6r	113.1		168.0r	101.7r	144.2	
	IA.	117.0r	114.4r	97.8r	170.2r	101.9r	145.5r	
	ANNUAL	114.0r	109.6r	96.1r	168.0r	102.2r	147.4r	
1984	I	116.7p	115.6p	99,1p	172.2p	101.9p	147.6p	
600 ¢10 HP FP FP	كا هند خدد جدد منت منت منت شده مايه مايه سري هري	Percent ch	ange from p	revious quart	er at annual r	ate(5)		
1983	I	6.5r	8.8	2.2r	8.6r	8.2r	1.9r	
	II	7.3	17.3	9.3	2.5	-1.7	-4.5	
	III	13.2	18.6	4.7	1.8	-2.2	-10.1	
	IV	1.6r	4.9r	3.3r	5.3	0.8	3.7r	
	ANNUAL	5.4r	7.6r	2.1r	5.5r	2.2r	0.2r	
1984	I	-1.2p	4.1p	5.3p	4.9p	-0.1p	6.1p	
कर ा व्यक्त स्ट्रांड र	हुके स्क्रम शहर जातर स्वयद् युवारं नदात कांग्रे योग्ये यावा प्रयाग नामा	الخاط خاط حفظ خلف مؤم منواز مين جنت شك شك خدى بانت شك يشك يشك يشور يبول بين هي هي هي ال	Percent ch	ange from co	rresponding qua	rter of previous	year(6)	
1983	I	3.5r	2.4	-1.1r	6.6r	2.9r	3.0	
2300	ΙĪ	5.6r	7.0	1.3r	6.0r	2.5r	0.4	
	ΙΙΙ	6.7r	10.6	3.6r	4.9r	2.3r	-1.7	
	IV	7.1r	12.2r	4.8r	4.5r	1.2r	-2.4r	
	ANNUAL	5.4r	7.6r	2.1r	5.5r	2.2r	0.2r	
1984	I	5.1p	11.0p	5.6p	3.6p	-0.8p	-1.4p	

See footnotes following table 6. r=revised p=preliminary

April 26, 1984

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

	Year and quarter	Output per all- employee hour	•		Hourly compensa- tion (1)		Unit labor cost	Unit non- labor cost(8)	Total unit cost (9)	Unit pro- fits (10)	Implicit price deflator (4)
					Index	es 1977=100					
198	2 I	102.4	108,6	106.0	151.7	97.1	148.1	158.9	150.9	90.8	144.0
	II	102.3	108.1	105.7	153.7	97.1	150.2	161.2	153.1	90.3	145.9
	III	103.3r	108.0	104.6	156.1	96.9	151.1	161.3	153.8	91.2	146.6
	IA	103.4	106.4	102.9	158.1	97.8	152.9	165.9	156.3	83.0	147.9
	ANNUAL	102.8	107.8	104.8	154.8	97.2	150.6	161.8	153.5	88.9	146.1
198	3 I	104.2r	107.6	103.3r	160.3r	99.1r	153.9	164.7	156.7	96.1	149.7
	II	105.8r	111.3	105.2r	161.4r	98.7r	152.5	163.1	155.3	115.0	150.7
	III	106.9r	114.3	106.9r		98.5r	152.1	161.2	154.5	131.5	151.8
	IA	107.8p	116.8p	108.4p	164.5p	98.5p	152.6p	159.6p	154.4p	143.6p	153.2p
	ANNUAL	106.2r	112.5r	105.9	162.2r	98.7	152.8r	162.1r	155.2r	122.1r	151.4
			Percent	change	from prev	ious quarte	r at annu	al rate(5))		
198	2 I	0.9	-6.5	-7.3	10.9	6.9r	9.9	6.1	8.8	-42.2	3.6
	II	-0.5	-1.8	-1.3r	5.4	0.0r	6.0	6.0	6.0	-2.1	5.4
	III	3.8	-0.5	-4.1	6.3r	-0.8	2.4	0.1	1.8	3.8	1.9
	IV	0.4r	-6.0	-6.4r	5.2r	3.6r	4.8	11.9	6.7	-31.4	3.6
y	ANNUAL	0.5	-3.4	-3.8	7.8	1.6	7.3	8.3	7.6	-14.6	5.7
198	3 I	3.2r	4.6	1.4r	5.7r	5.4r	2.5	-2.8	1.0	79.9	5.1
•	II	6.6r	14.6	7.6	2.9	-1.4	-3.4	-3.8	-3.5	104.7	2.5
	III	4.2	11.1	6.6	3.0	-1.1	-1.1	-4.7	-2.1	71.0	. 3.1
	IA	3.4p	9.3p	5.7p	4.6p	0.2p	1.2p	-4.0p	-0.2p	42.4p	3.5p
	ANNUAL	3.3r	4.4r	1.0	4.8r	1.5r	1.4r	0.2r	1.1r	37.4r	3.6
	*	P	ercent ch	ange fro	m correspo	nding quart	er of pre	evious year	r(6)		
198	2 . I	0.6	-2.2	-2.8	8.8r	1.0	8.1	11.7	9.0	-11.8	7,2
	II		-3.2	-3.3	8.3r	1.3	8.1	9.7	8.5	-9.9	7.0
	III	0.2	-4.3	-4.5	7.6	1.8r	7.4	6.2	7.1	-16.1	5.0
	IA	1.1r	-3.7	-4.8	6.9r	2.4	5.7	6.0	5.8	-20.3	3.6
	ANNUAL	0.5	-3.4	-3.8	7.8	1.6	7.3	8.3	7.6	-14.6	5.7
198	3 I	1.7r	-1.0	-2.6r	5.7r	2.0r	3.9	3.7	3.8	5.8	4.0
	11	3.5r	2.9	-0.5r		1.7r	1.5	1.2	1.4	27.3	3.3
	111	3.6r	5.8	2.2r		1.6r	0.6	-0.1	0.4	44.2	3.6
	IA	4.3p	9.8p	5.3p	4.1p	0.7p	-0.2p	-3.8p	-1.2p	73.1p	3.6p
	ANNUAL	3.3r	4.4r	1.0	4.8r	1.5r	1.4r	0.2r	1.1r	37.4r	3.6

See footnotes following table 6. r=revised p=preliminary

April 26, 1984

Footnotes, Tables 1-6

SOURCE: Output data from Bureau of Economic Analysis, U.S. Dapartment 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: Based on data covering the period from the first quarter of 1976 to the second quarter of 1983, the probability is 0.95 that the interval between -1.8 and 2.1 index points contains the revision of the index of productivity in the business sector from the first to the third quarterly publication of the estimate.

- (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) Nonlabor payments include profits, depreciation, interest, rental income, 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 changes: current quarter divided by comparable quarter a year ago. Annual changes: percent change between annual average levels.
- (7) Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.
- (8) Unit nonlabor cost includes depreciation, interest, and indirect taxes.
- (9) Total unit cost is the sum of labor and nonlabor costs.
- (10) Unit profits include corporate profit and inventory valuation adjustment.
- (11) The durable sector includes the following 2-digit SIC industries:
 Primary metal; 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.
- (12) The nondurable sector includes the following 2-digit SIC industries:
 Textile mill products; apparel products; leather and leather products;
 printing and publishing; chemicals and chemical products; petroleum
 products; rubber and plastic products; foods; and tobacco products.