

TABLE B-49.—*Productivity and related data, business sector, 1959–2002*
 [Index numbers, 1992=100; quarterly data seasonally adjusted]

Year or quarter	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor costs		Implicit price deflator ⁵	
	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector	Business sector	Nonfarm business sector
1959	47.9	51.3	31.9	31.6	66.6	61.6	13.1	13.7	58.3	60.9	27.4	26.7	26.7	26.2
1960	48.8	51.9	32.5	32.1	66.6	61.9	13.7	14.3	59.8	62.6	28.0	27.5	27.0	26.5
1961	50.6	53.7	33.1	32.8	65.5	61.1	14.2	14.8	61.6	64.2	28.1	27.6	27.2	26.7
1962	52.9	56.1	35.2	35.0	66.6	62.4	14.9	15.4	63.7	66.1	28.1	27.5	27.4	26.9
1963	55.0	58.1	36.8	36.6	67.0	63.1	15.4	16.0	65.2	67.5	28.0	27.5	27.6	27.1
1964	57.5	60.5	39.2	39.1	68.1	64.6	16.2	16.7	67.7	69.7	28.2	27.6	27.9	27.5
1965	59.6	62.4	41.9	41.9	70.4	67.1	16.8	17.2	69.1	70.9	28.2	27.6	28.4	27.8
1966	62.0	64.6	44.8	44.9	72.3	69.5	17.9	18.2	71.7	72.9	28.9	28.2	29.1	28.5
1967	63.4	65.8	45.6	45.7	72.1	69.4	19.0	19.3	73.5	74.9	29.9	29.4	29.9	29.4
1968	65.3	67.8	47.9	48.1	73.4	70.9	20.4	20.7	76.0	77.2	31.3	30.6	31.0	30.5
1969	65.7	67.9	49.4	49.5	75.2	73.0	21.9	22.2	77.1	78.2	33.3	32.6	32.4	31.9
1970	67.0	68.9	49.4	49.5	73.7	71.8	23.5	23.7	78.6	79.2	35.1	34.4	33.9	33.3
1971	69.9	71.8	51.3	51.4	73.4	71.5	25.0	25.3	80.1	80.8	35.8	35.2	35.3	34.7
1972	72.2	74.2	54.7	54.9	75.7	74.0	26.6	26.9	82.4	83.3	36.8	36.2	36.5	35.8
1973	74.5	76.5	58.5	58.9	78.5	76.9	28.9	29.1	84.2	84.8	38.8	38.0	38.4	37.0
1974	73.2	75.3	57.6	58.0	78.6	77.0	31.7	31.9	83.2	83.9	43.2	42.4	42.1	40.8
1975	75.8	77.4	57.0	57.0	75.2	73.7	34.9	35.2	84.1	84.7	46.1	45.5	46.1	45.1
1976	78.5	80.3	60.9	61.1	77.6	76.1	38.0	38.2	86.5	87.0	48.4	47.6	48.5	47.6
1977	79.8	81.5	64.3	64.6	80.6	79.2	41.0	41.3	87.6	88.2	51.4	50.7	51.4	50.6
1978	80.7	82.6	68.3	68.8	84.7	83.3	44.6	45.0	89.2	89.9	55.3	54.5	55.1	54.1
1979	80.7	82.2	70.6	70.9	87.5	86.3	48.9	49.3	89.4	90.0	60.7	59.9	59.8	58.7
1980	80.4	82.0	69.8	70.2	86.8	85.6	54.2	54.6	89.2	89.8	67.4	66.5	65.2	64.3
1981	82.0	83.0	71.7	71.6	87.4	86.2	59.4	59.9	89.3	90.0	72.4	72.1	71.2	70.5
1982	81.6	82.5	69.6	69.4	85.2	84.1	63.8	64.3	90.7	91.3	78.2	77.9	75.3	74.8
1983	84.6	86.2	73.3	73.8	86.6	85.6	66.5	67.1	90.7	91.5	78.6	77.8	77.8	77.2
1984	87.0	88.1	79.7	80.0	91.6	90.8	69.4	69.9	91.1	91.7	79.8	79.4	80.0	79.4
1985	88.7	89.3	83.1	83.0	93.6	93.0	72.9	73.2	92.5	92.9	82.1	82.0	82.2	81.9
1986	91.4	92.0	86.1	86.2	94.2	93.8	76.7	77.0	95.5	96.0	83.9	83.7	83.5	83.2
1987	91.9	92.3	89.2	89.3	97.0	96.7	79.7	80.0	96.0	96.4	86.7	86.6	85.6	85.4
1988	93.0	93.5	92.9	93.3	100.0	99.8	83.5	83.6	97.1	97.2	89.8	89.4	88.3	87.9
1989	93.9	94.2	96.2	96.5	102.4	102.4	85.8	85.8	95.7	95.7	91.3	91.1	91.5	91.2
1990	95.2	95.3	97.6	97.8	102.6	102.7	90.7	90.5	96.3	96.2	95.3	95.0	94.8	94.5
1991	96.3	96.4	96.5	96.6	100.2	100.2	95.0	95.0	97.3	97.3	98.7	98.5	98.1	98.0
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.5	100.5	103.1	103.3	102.6	102.9	102.5	102.2	100.0	99.7	101.9	101.7	102.2	102.2
1994	101.9	101.8	108.1	108.2	106.2	106.2	104.5	104.3	99.9	99.7	102.6	102.5	104.0	104.1
1995	102.6	102.8	111.5	111.8	108.7	108.8	106.7	106.6	99.6	99.4	104.1	103.7	106.0	106.1
1996	105.4	105.4	116.4	116.7	110.4	110.7	109.8	109.8	100.1	99.8	104.5	104.2	107.7	107.6
1997	107.8	107.5	122.5	122.7	113.6	114.1	113.5	113.1	101.0	100.6	105.3	105.2	109.7	109.8
1998	110.6	110.3	128.5	128.8	116.2	116.8	119.7	119.1	105.0	104.5	108.2	108.0	110.6	110.8
1999	113.5	112.9	134.5	134.8	118.5	119.4	125.2	124.3	107.6	106.8	110.3	110.1	111.6	112.1
2000	116.9	116.2	140.0	140.2	119.7	120.6	133.8	133.0	111.2	110.6	114.4	114.4	113.5	114.1
2001	118.2	117.5	139.8	140.1	118.2	119.2	137.7	136.6	111.4	110.5	116.5	116.3	115.8	116.3
1998:I	110.0	109.6	126.7	127.0	115.2	115.9	117.6	116.9	103.6	103.0	106.9	106.7	110.3	110.5
1998:II	110.0	109.8	127.3	127.7	115.7	116.3	119.1	118.6	104.7	104.2	108.3	108.0	110.4	110.6
1998:III	110.6	110.3	128.7	129.0	116.3	117.0	120.5	119.9	105.5	105.0	108.9	108.7	110.7	111.0
1998:IV	111.8	111.4	131.3	131.6	117.4	118.1	121.7	121.1	106.1	105.5	108.8	108.6	110.8	111.1
1999:I	112.7	112.1	132.4	132.7	117.4	118.4	124.1	123.2	107.7	106.9	110.2	109.9	111.2	111.5
1999:II	112.5	111.9	133.0	133.3	118.2	119.1	124.3	123.4	107.1	106.3	110.5	110.3	111.5	111.9
1999:III	113.6	112.9	134.9	135.3	118.8	119.8	125.4	124.5	107.3	106.6	110.4	110.3	111.8	112.3
1999:IV	115.2	114.7	137.7	138.0	119.5	120.4	127.0	126.3	107.8	107.2	110.2	110.1	112.1	112.6
2000:I	115.3	114.7	138.4	138.7	120.1	120.9	131.4	130.8	110.5	110.0	114.0	114.0	112.8	113.4
2000:II	117.2	116.4	140.3	140.5	119.7	120.7	132.4	131.5	110.5	109.8	113.0	113.0	113.4	113.9
2000:III	117.3	116.6	140.4	140.6	119.7	120.6	135.0	134.3	111.7	111.1	115.1	115.2	113.7	114.3
2000:IV	117.9	117.1	140.7	141.0	119.4	120.4	136.3	135.3	111.9	111.2	115.6	115.6	114.3	114.8
2001:I	117.5	116.7	140.4	140.7	119.5	120.6	137.3	136.3	111.8	110.9	116.9	116.8	115.2	115.7
2001:II	117.4	116.6	139.4	139.7	118.7	119.8	137.5	136.3	111.0	110.1	117.1	116.9	115.8	116.3
2001:III	117.9	117.2	139.1	139.4	117.9	118.9	137.8	136.7	111.1	110.2	116.8	116.6	116.4	116.8
2001:IV	120.1	119.3	140.3	140.4	116.8	117.7	138.3	137.2	111.6	110.7	115.1	115.0	115.9	116.5
2002:I	122.5	121.8	142.3	142.5	116.1	117.0	139.3	138.2	112.0	111.1	113.7	113.4	116.0	116.4
2002:II	123.1	122.3	142.5	142.9	115.8	116.8	140.8	139.5	112.2	111.2	114.4	114.0	116.2	116.8
2002:III	124.7	123.8	144.3	144.7	115.7	116.8	142.6	141.2	113.2	112.0	114.3	114.0	116.3	116.9

¹ Output refers to real gross domestic product in the sector.

² Hours at work of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.

³ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

⁴ Hourly compensation divided by the consumer price index for all urban consumers for recent quarters. The trend from 1978–2001 is based on the consumer price index research series (CPI-U-RS).

⁵ Current dollar output divided by the output index.

Source: Department of Labor, Bureau of Labor Statistics.