

TABLE B-49. Productivity and related data, business and nonfarm business sectors, 1963-2012

[Index numbers, 2005=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
1963	40.3	42.7	22.6	22.5	56.1	52.6	9.6	9.9	55.6	57.7	23.7	23.2	22.3	21.8
1964	41.7	44.0	24.0	24.0	57.7	54.5	9.9	10.2	57.0	58.7	23.8	23.2	22.6	22.1
1965	43.1	45.4	25.7	25.7	59.6	56.6	10.3	10.6	58.2	59.7	23.9	23.3	22.9	22.4
1966	44.9	47.0	27.5	27.5	61.2	58.6	11.0	11.2	60.4	61.5	24.5	23.8	23.5	22.9
1967	45.9	47.8	28.0	28.0	61.0	58.6	11.6	11.8	61.9	63.1	25.3	24.8	24.1	23.6
1968	47.4	49.4	29.4	29.5	61.9	59.6	12.5	12.8	64.2	65.3	26.4	25.8	25.1	24.6
1969	47.7	49.5	30.3	30.4	63.5	61.3	13.4	13.6	65.1	66.2	28.1	27.5	26.2	25.7
1970	48.6	50.2	30.3	30.3	62.2	60.4	14.5	14.6	66.3	67.1	29.7	29.1	27.4	26.8
1971	50.6	52.3	31.4	31.5	62.1	60.2	15.4	15.5	67.5	68.4	30.3	29.8	28.5	28.0
1972	52.3	54.0	33.5	33.6	64.0	62.2	16.3	16.6	69.6	70.5	31.2	30.7	29.6	28.8
1973	53.9	55.7	35.8	36.0	66.5	64.7	17.7	17.9	71.0	71.8	32.9	32.2	31.1	29.9
1974	53.0	54.8	35.3	35.5	66.6	64.8	19.4	19.7	70.1	71.0	36.6	35.9	34.1	32.9
1975	54.8	56.3	34.9	34.9	63.7	62.0	21.4	21.6	70.8	71.6	39.0	38.4	37.4	36.5
1976	56.6	58.2	37.2	37.4	65.8	64.2	23.2	23.5	72.7	73.4	41.1	40.3	39.4	38.5
1977	57.5	59.1	39.3	39.5	68.3	66.8	25.1	25.4	73.7	74.5	43.6	42.9	41.8	40.9
1978	58.2	59.9	41.8	42.1	71.8	70.3	27.3	27.6	74.9	75.8	46.9	46.1	44.7	43.7
1979	58.1	59.6	43.2	43.4	74.3	72.8	29.9	30.2	74.9	75.7	51.4	50.7	48.5	47.4
1980	58.0	59.5	42.7	42.9	73.6	72.2	33.1	33.4	74.6	75.4	57.0	56.2	52.9	51.9
1981	59.2	60.3	43.9	43.8	74.1	72.7	36.2	36.7	74.5	75.5	61.1	60.8	57.8	56.9
1982	58.7	59.7	42.6	42.4	72.5	71.1	38.8	39.3	75.4	76.3	66.1	65.8	61.1	60.4
1983	60.8	62.3	44.8	44.1	73.7	72.5	40.4	40.9	75.3	76.2	66.4	65.7	63.1	62.4
1984	62.5	63.5	48.7	48.9	78.0	76.9	42.1	42.6	75.4	76.2	67.4	67.0	65.0	64.1
1985	63.9	64.6	51.0	51.0	79.8	78.9	44.1	44.5	76.3	76.9	69.0	68.9	66.5	66.0
1986	65.7	66.6	52.9	52.9	80.5	79.5	46.4	46.8	78.8	79.5	70.5	70.3	67.6	67.1
1987	65.9	66.8	54.6	54.7	82.9	81.9	48.0	48.5	79.0	79.7	72.9	72.7	69.2	68.7
1988	66.9	67.9	57.0	57.2	85.2	84.3	50.5	50.9	80.1	80.8	75.5	75.1	71.4	70.8
1989	67.6	68.4	59.1	59.2	87.4	86.6	51.9	52.2	78.9	79.4	76.7	76.4	74.0	73.4
1990	69.0	69.6	60.0	60.1	86.9	86.3	55.2	55.5	80.0	80.3	80.0	79.7	76.7	76.1
1991	70.1	70.7	59.5	59.5	84.9	84.2	58.0	58.4	81.1	81.6	82.8	82.6	79.2	78.7
1992	73.0	73.5	61.8	61.8	84.7	84.0	61.1	61.5	83.3	83.9	83.7	83.7	80.7	80.3
1993	73.4	73.9	63.8	63.9	86.9	86.4	62.5	62.7	83.1	83.5	85.1	84.9	82.3	81.9
1994	74.1	74.7	67.0	66.9	90.4	89.6	63.4	63.9	82.6	83.2	85.6	85.5	83.7	83.4
1995	74.1	75.0	68.8	69.0	92.9	92.0	64.7	65.2	82.4	82.9	87.4	86.9	85.2	84.8
1996	76.3	76.9	72.0	72.1	94.4	93.7	66.9	67.4	82.9	83.4	87.8	87.5	86.6	86.0
1997	77.6	78.1	75.7	75.7	97.5	96.9	69.1	69.4	83.8	84.2	89.1	88.9	87.9	87.6
1998	79.9	80.4	79.5	79.6	99.4	99.0	73.3	73.6	87.7	88.0	91.7	91.5	88.5	88.3
1999	82.7	83.1	83.9	84.1	101.4	101.2	76.6	76.8	89.8	89.9	92.6	92.4	89.2	89.1
2000	85.6	85.9	87.7	87.8	102.4	102.2	82.3	82.5	93.3	93.5	96.1	96.0	90.9	90.9
2001	88.2	88.4	88.4	88.6	100.2	100.2	86.1	86.2	95.0	95.0	97.7	97.5	92.5	92.4
2002	92.2	92.4	90.2	90.3	97.8	97.6	88.8	88.9	96.4	96.5	96.4	96.2	93.2	93.2
2003	95.7	95.8	93.0	93.0	97.2	97.1	93.0	93.1	98.7	98.8	97.2	97.1	94.5	94.4
2004	98.4	98.4	96.7	96.7	98.3	98.3	96.2	96.2	99.5	99.4	97.8	97.8	96.9	96.6
2005	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
2006	100.9	100.9	103.0	103.1	102.1	102.2	103.8	103.8	100.5	100.5	102.8	102.8	102.9	103.0
2007	102.4	102.5	105.1	105.3	102.6	102.7	108.1	107.9	101.8	101.6	105.5	105.3	105.6	105.4
2008	103.2	103.1	103.7	103.7	100.5	100.6	111.7	111.6	101.2	101.2	108.2	108.2	107.5	107.3
2009	106.3	106.1	99.2	99.0	93.3	93.3	113.2	113.2	103.0	103.0	106.5	106.7	107.9	108.1
2010	109.5	109.4	102.2	102.0	93.3	93.3	115.4	115.5	103.3	103.4	105.4	105.6	109.6	109.6
2011	110.0	110.2	104.6	104.7	95.1	95.1	118.4	118.6	102.8	102.9	107.7	107.6	112.0	111.7
2009: I	103.9	103.9	99.3	99.2	95.5	95.5	111.5	111.5	102.5	102.5	107.3	107.4	107.6	107.8
2009: II	105.7	105.6	98.7	98.5	93.4	93.3	113.3	113.4	103.6	103.7	107.2	107.4	107.6	107.8
2009: III	107.2	106.9	98.9	98.6	92.2	92.2	113.9	113.9	103.3	103.3	106.3	106.5	108.0	108.3
2009: IV	108.5	108.2	100.1	99.8	92.2	92.3	114.2	114.2	102.7	102.7	105.2	105.5	108.4	108.6
2010: I	109.1	108.9	100.8	100.7	92.4	92.4	114.5	114.6	102.8	102.9	104.9	105.2	108.8	108.9
2010: II	108.9	108.8	101.5	101.3	93.2	93.1	115.2	115.3	103.5	103.6	105.7	106.0	109.3	109.4
2010: III	109.8	109.7	102.7	102.6	93.5	93.5	115.8	115.9	103.7	103.7	105.4	105.6	109.8	109.8
2010: IV	110.2	110.2	103.6	103.6	94.0	94.0	115.9	116.0	103.0	103.1	105.1	105.2	110.4	110.3
2011: I	109.5	109.7	103.5	103.5	94.5	94.4	118.4	118.5	104.0	104.2	108.1	108.1	110.9	110.6
2011: II	109.8	110.0	104.2	104.4	94.9	94.9	118.4	118.5	103.0	103.1	107.9	107.7	111.8	111.4
2011: III	109.9	110.1	104.6	104.8	95.2	95.2	118.3	118.5	102.1	102.3	107.6	107.6	112.7	112.3
2011: IV	110.7	110.9	106.0	106.2	95.8	95.8	118.1	118.3	101.6	101.8	106.7	106.7	112.7	112.4
2012: I	110.5	110.7	106.7	106.9	96.6	96.5	119.8	120.0	102.4	102.6	108.4	108.3	113.2	112.9
2012: II	111.0	111.3	107.3	107.4	96.6	96.6	120.2	120.4	102.5	102.7	108.3	108.2	113.6	113.3
2012: III	111.7	112.0	108.2	108.5	96.9	96.9	120.4	120.6	102.2	102.4	107.9	107.7	114.5	114.1

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

² Hours at work of all persons engaged in 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 1978-2011 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).