

TABLE B–16. Productivity and related data, business and nonfarm business sectors, 1965–2013

[Index numbers, 2009=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
1965.....	39.4	41.4	25.0	25.0	63.5	60.4	9.2	9.4	57.1	58.7	23.4	22.8	21.9	21.4
1966.....	41.0	42.9	26.7	26.8	65.2	62.4	9.8	10.0	59.3	60.4	24.0	23.3	22.4	21.9
1967.....	41.9	43.7	27.3	27.3	65.0	62.4	10.4	10.6	60.8	62.0	24.7	24.2	23.0	22.6
1968.....	43.4	45.2	28.6	28.7	66.0	63.5	11.2	11.4	62.9	64.0	25.8	25.2	23.9	23.4
1969.....	43.6	45.3	29.5	29.6	67.7	65.4	12.0	12.2	63.8	64.8	27.4	26.8	25.0	24.5
1970.....	44.5	46.0	29.5	29.6	66.3	64.3	12.9	13.0	64.9	65.6	28.9	28.3	26.1	25.6
1971.....	46.3	47.8	30.6	30.7	66.2	64.2	13.6	13.8	65.9	66.7	29.5	28.9	27.2	26.7
1972.....	47.8	49.4	32.6	32.7	68.2	66.3	14.5	14.7	67.9	68.8	30.3	29.7	28.2	27.5
1973.....	49.2	50.9	34.9	35.1	70.8	69.0	15.6	15.8	68.9	69.7	31.8	31.1	29.6	28.5
1974.....	48.4	50.1	34.3	34.6	71.0	69.1	17.1	17.3	67.9	68.7	35.3	34.6	32.5	31.4
1975.....	50.1	51.4	34.0	34.0	67.9	66.1	18.9	19.1	68.9	69.6	37.8	37.2	35.7	34.8
1976.....	51.7	53.2	36.3	36.4	70.1	68.5	20.4	20.6	70.3	70.9	39.5	38.7	37.6	36.7
1977.....	52.7	54.1	38.4	38.5	72.8	71.2	22.1	22.3	71.3	72.0	41.9	41.2	39.8	39.0
1978.....	53.3	54.8	40.8	41.1	76.6	74.9	23.9	24.2	72.2	73.1	44.9	44.2	42.6	41.6
1979.....	53.3	54.7	42.2	42.4	79.1	77.6	26.3	26.5	72.3	73.1	49.3	48.5	46.2	45.1
1980.....	53.3	54.7	41.8	42.0	78.5	76.9	29.1	29.4	72.1	72.8	54.6	53.8	50.3	49.4
1981.....	54.5	55.5	43.0	43.0	79.0	77.5	31.8	32.2	72.0	72.9	58.4	58.0	54.9	54.1
1982.....	54.1	55.0	41.7	41.6	77.2	75.8	34.2	34.6	72.9	73.7	63.2	62.9	58.1	57.5
1983.....	56.0	57.4	44.0	44.3	78.6	77.3	35.7	36.1	73.1	74.0	63.7	62.9	60.1	59.3
1984.....	57.6	58.6	47.9	48.1	83.2	82.0	37.3	37.7	73.3	74.1	64.7	64.3	61.8	61.0
1985.....	58.9	59.6	50.1	50.1	85.1	84.1	39.2	39.5	74.5	75.1	66.5	66.3	63.6	63.0
1986.....	60.6	61.4	52.0	52.0	85.8	84.8	41.4	41.8	77.3	78.0	68.4	68.1	64.4	63.9
1987.....	60.9	61.7	53.8	53.9	88.3	87.3	43.0	43.4	77.6	78.4	70.6	70.3	65.7	65.2
1988.....	61.8	62.7	56.1	56.3	90.8	89.8	45.2	45.6	78.8	79.5	73.2	72.7	67.8	67.2
1989.....	62.5	63.3	58.2	58.4	93.1	92.3	46.6	46.9	77.9	78.4	74.5	74.2	70.3	69.6
1990.....	63.9	64.5	59.2	59.3	92.6	91.9	49.6	49.9	79.0	79.3	77.7	77.3	72.6	71.9
1991.....	65.1	65.7	58.9	59.0	90.4	89.7	52.1	52.3	79.9	80.4	80.0	79.7	74.6	74.2
1992.....	68.0	68.5	61.3	61.3	90.2	89.5	55.1	55.5	82.6	83.1	81.1	81.0	75.8	75.4
1993.....	68.1	68.6	63.1	63.2	92.7	92.2	56.0	56.2	81.8	82.1	82.2	81.9	77.6	77.1
1994.....	68.6	69.3	66.2	66.2	96.4	95.5	56.5	56.9	80.9	81.4	82.3	82.1	79.0	78.6
1995.....	68.9	69.8	68.2	68.5	99.1	98.2	57.6	58.0	80.5	81.1	83.6	83.1	80.4	79.9
1996.....	70.9	71.6	71.4	71.6	100.7	99.9	60.0	60.4	81.7	82.2	84.6	84.3	81.6	81.0
1997.....	72.3	72.8	75.2	75.3	104.0	103.4	62.2	62.5	82.9	83.3	86.0	85.8	82.8	82.4
1998.....	74.5	75.0	79.1	79.3	106.1	105.7	65.9	66.1	86.6	86.9	88.4	88.1	83.2	82.9
1999.....	77.3	77.6	83.6	83.9	108.2	108.0	68.8	68.9	88.5	88.7	89.0	88.7	83.7	83.6
2000.....	79.9	80.2	87.4	87.5	109.4	109.1	73.8	74.0	91.9	92.1	92.4	92.2	85.3	85.2
2001.....	82.1	82.4	87.9	88.1	107.1	107.0	77.2	77.2	93.5	93.5	94.0	93.7	86.8	86.6
2002.....	85.6	85.9	89.5	89.7	104.5	104.4	78.9	79.0	94.1	94.2	92.2	91.9	87.4	87.4
2003.....	88.9	89.1	92.3	92.5	103.9	103.8	81.9	81.9	95.5	95.6	92.1	92.0	88.6	88.5
2004.....	91.8	91.9	96.5	96.6	105.2	105.2	85.7	85.7	97.3	97.3	93.4	93.3	90.7	90.3
2005.....	93.7	93.8	100.2	100.3	106.9	106.9	88.8	88.8	97.6	97.6	94.8	94.7	93.5	93.4
2006.....	94.6	94.6	103.3	103.5	109.2	109.3	92.3	92.3	98.2	98.2	97.5	97.5	96.1	96.0
2007.....	96.0	96.2	105.5	105.8	109.9	110.0	96.4	96.3	99.7	99.6	100.4	100.1	98.2	97.9
2008.....	96.8	96.9	104.3	104.5	107.7	107.8	99.0	98.9	98.6	98.5	102.2	102.0	99.7	99.4
2009.....	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
2010.....	103.3	103.3	103.1	103.2	99.9	99.9	102.0	102.1	100.3	100.4	98.8	98.8	101.1	101.0
2011.....	103.6	103.8	105.6	105.7	101.9	101.9	104.4	104.6	99.6	99.7	100.8	100.8	103.3	102.7
2012.....	105.1	105.3	109.5	109.7	104.1	104.1	107.2	107.4	100.1	100.3	102.0	102.0	105.1	104.6
2013 P.....	106.2	105.9	112.2	112.1	105.7	105.9	109.1	109.1	100.4	100.5	102.7	103.0	106.7	105.9
2010: I.....	102.5	102.6	101.5	101.5	98.9	98.9	100.7	100.7	99.3	99.4	98.2	98.2	100.5	100.4
II.....	102.9	102.9	102.7	102.7	99.8	99.7	101.9	102.0	100.6	100.7	99.0	99.1	100.9	100.8
III.....	103.6	103.5	103.7	103.7	100.2	100.2	102.5	102.5	100.8	100.9	99.9	99.0	101.3	101.2
IV.....	104.0	104.1	104.7	104.8	100.7	100.7	102.9	103.1	100.5	100.6	99.0	99.0	101.9	101.6
2011: I.....	103.1	103.2	104.2	104.2	101.0	101.0	104.5	104.7	101.0	101.2	101.4	101.5	102.4	101.9
II.....	103.6	103.7	105.2	105.4	101.6	101.7	104.4	104.4	99.7	99.8	100.8	100.7	103.0	102.5
III.....	103.5	103.7	105.7	105.9	102.1	102.1	105.0	105.2	99.6	99.8	101.5	101.5	103.8	103.2
IV.....	104.4	104.5	107.3	107.4	102.9	102.8	103.8	103.8	98.1	98.3	99.5	99.6	103.9	103.4
2012: I.....	104.7	104.8	108.6	108.7	103.7	103.7	106.0	106.3	99.6	99.8	101.3	101.3	104.4	103.8
II.....	105.0	105.2	109.1	109.2	103.8	103.8	105.5	106.8	99.9	100.1	101.4	101.5	104.9	104.4
III.....	105.6	105.8	110.0	110.3	104.2	104.2	106.7	106.9	99.5	99.7	101.1	101.1	105.5	105.0
IV.....	105.1	105.4	110.1	110.5	104.7	104.8	109.4	109.5	101.4	101.5	104.0	103.9	105.8	105.2
2013: I.....	105.2	104.9	110.5	110.4	105.0	105.2	108.1	108.0	99.9	99.8	102.7	103.0	106.3	105.4
II.....	105.7	105.4	111.4	111.3	105.4	105.6	109.1	109.1	100.8	100.8	103.2	103.5	106.4	105.6
III.....	106.6	106.3	112.9	112.8	105.9	106.1	109.4	109.5	100.5	100.5	102.7	103.0	106.9	106.2
IV P.....	107.3	107.1	114.1	114.1	106.4	106.5	109.8	109.9	100.6	100.7	102.3	102.6	107.1	106.5

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

² Hours at work of all persons engaged in sector, including hours of employees, 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 consumer price series. The consumer price series for 1978-2012 is based on the consumer price index research series (CPI-U-RS), and for recent quarters is based on the consumer price index for all urban consumers (CPI-U).

⁵ Current dollar output divided by the output index.

Source: Department of Labor (Bureau of Labor Statistics).