

Table 7.3 Coal Consumption by Sector, Selected Years, 1949-2003
(Million Short Tons)

Year	End-Use Sectors										Electric Power Sector ¹			Total	
	Residential	Commercial			Industrial			Transportation	Total	Electricity Only	CHP	Total			
		CHP ²	Other ³	Total	Coke Plants	Other Industrial							Total		
						CHP ⁴	Non-CHP ⁵								
1949	52.4	(⁶)	64.1	64.1	91.4	(⁷)	121.2	121.2	212.6	70.2	399.3	84.0	NA	84.0	483.2
1950	51.6	(⁶)	63.0	63.0	104.0	(⁷)	120.6	120.6	224.6	63.0	402.2	91.9	NA	91.9	494.1
1955	35.6	(⁶)	32.9	32.9	107.7	(⁷)	110.1	110.1	217.8	17.0	303.3	143.8	NA	143.8	447.0
1960	24.2	(⁶)	16.8	16.8	81.4	(⁷)	96.0	96.0	177.4	3.0	221.4	176.7	NA	176.7	398.1
1965	14.6	(⁶)	11.0	11.0	95.3	(⁷)	105.6	105.6	200.8	0.7	227.2	244.8	NA	244.8	472.0
1970	9.0	(⁶)	7.1	7.1	96.5	(⁷)	90.2	90.2	186.6	0.3	203.0	320.2	NA	320.2	523.2
1971	7.4	(⁶)	7.8	7.8	83.2	(⁷)	75.6	75.6	158.9	0.2	174.3	327.3	NA	327.3	501.6
1972	5.0	(⁶)	6.7	6.7	87.7	(⁷)	72.9	72.9	160.6	0.2	172.5	351.8	NA	351.8	524.3
1973	4.1	(⁶)	7.0	7.0	94.1	(⁷)	68.0	68.0	162.1	0.1	173.4	389.2	NA	389.2	562.6
1974	3.7	(⁶)	7.8	7.8	90.2	(⁷)	64.9	64.9	155.1	0.1	166.6	391.8	NA	391.8	558.4
1975	2.8	(⁶)	6.6	6.6	83.6	(⁷)	63.6	63.6	147.2	(s)	156.7	406.0	NA	406.0	562.6
1976	2.6	(⁶)	6.3	6.3	84.7	(⁷)	61.8	61.8	146.5	(s)	155.4	448.4	NA	448.4	603.8
1977	2.5	(⁶)	6.4	6.4	77.7	(⁷)	61.5	61.5	139.2	(s)	148.2	477.1	NA	477.1	625.3
1978	2.2	(⁶)	7.3	7.3	71.4	(⁷)	63.1	63.1	134.5	(⁷)	144.0	481.2	NA	481.2	625.2
1979	1.7	(⁶)	6.7	6.7	77.4	(⁷)	67.7	67.7	145.1	(⁷)	153.5	527.1	NA	527.1	680.5
1980	1.4	(⁶)	5.1	5.1	66.7	(⁷)	60.3	60.3	127.0	(⁷)	133.5	569.3	NA	569.3	702.7
1981	1.3	(⁶)	6.1	6.1	61.0	(⁷)	67.4	67.4	128.4	(⁷)	135.8	596.8	NA	596.8	732.6
1982	1.4	(⁶)	6.8	6.8	40.9	(⁷)	64.1	64.1	105.0	(⁷)	113.2	593.7	NA	593.7	706.9
1983	1.4	(⁶)	7.1	7.1	37.0	(⁷)	66.0	66.0	103.0	(⁷)	111.5	625.2	NA	625.2	736.7
1984	1.7	(⁶)	7.4	7.4	44.0	(⁷)	73.7	73.7	117.8	(⁷)	126.9	664.4	NA	664.4	791.3
1985	1.7	(⁶)	6.1	6.1	41.1	(⁷)	75.4	75.4	116.4	(⁷)	124.2	693.8	NA	693.8	818.0
1986	1.8	(⁶)	5.9	5.9	35.9	(⁷)	75.6	75.6	111.5	(⁷)	119.2	685.1	NA	685.1	804.2
1987	1.6	(⁶)	5.3	5.3	37.0	(⁷)	75.2	75.2	112.1	(⁷)	119.0	717.9	NA	717.9	836.9
1988	1.6	(⁶)	5.6	5.6	41.9	(⁷)	76.3	76.3	118.1	(⁷)	125.3	758.4	NA	758.4	883.6
1989	1.3	1.1	3.7	4.9	40.5	24.9	51.3	76.1	116.6	(⁷)	122.8	767.4	4.8	772.2	895.0
1990	1.3	1.2	4.2	5.4	38.9	27.8	48.5	76.3	115.2	(⁷)	121.9	774.2	8.4	782.6	904.5
1991	1.1	1.2	3.8	5.0	33.9	27.0	48.4	75.4	109.3	(⁷)	115.4	773.2	10.7	783.9	899.2
1992	1.1	1.2	3.9	5.0	32.4	28.2	45.8	74.0	106.4	(⁷)	112.6	781.2	13.9	795.1	907.7
1993	1.1	1.4	3.7	5.1	31.3	28.9	46.0	74.9	106.2	(⁷)	112.4	816.6	15.1	831.6	944.1
1994	0.9	1.3	3.8	5.1	31.7	29.7	45.5	75.2	106.9	(⁷)	112.9	821.2	17.1	838.4	951.3
1995	0.8	1.4	3.6	5.1	33.0	29.4	43.7	73.1	106.1	(⁷)	111.9	832.9	17.3	850.2	962.1
1996	0.7	1.7	3.6	5.3	31.7	29.4	42.3	71.7	103.4	(⁷)	109.4	878.8	18.1	896.9	1,006.3
1997	0.7	1.7	4.0	5.8	30.2	29.9	41.7	71.5	101.7	(⁷)	108.2	904.2	17.1	921.4	1,029.5
1998	0.5	1.4	2.9	4.3	28.2	28.6	38.9	67.4	95.6	(⁷)	100.5	920.4	16.3	936.6	1,037.1
1999	0.6	1.5	2.8	4.3	28.1	27.8	37.0	64.7	92.8	(⁷)	97.7	924.7	16.2	940.9	1,038.6
2000	0.5	1.5	2.1	3.7	28.9	28.0	37.2	65.2	94.1	(⁷)	98.3	967.1	18.7	985.8	1,084.1
2001	0.5	1.4	2.4	3.9	26.1	25.8	39.5	65.3	91.3	(⁷)	95.7	946.1	18.4	964.4	1,060.1
2002	0.5	R1.4	R2.6	R4.0	R23.7	R26.2	R34.5	R60.7	R84.4	(⁷)	R88.8	R960.1	R17.4	R977.5	R1,066.4
2003P	0.5	1.5	2.5	4.0	24.2	26.7	34.4	61.2	85.4	(⁷)	89.8	986.1	18.1	1,004.3	1,094.1

¹ Electricity-only and combined-heat-and-power (CHP) plants within the NAICS (North American Industry Classification System) 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers. Electric utility CHP plants are included in "Electricity Only."

² Commercial combined-heat-and-power (CHP) and a small number of commercial electricity-only plants, such as those at hospitals and universities.

³ All commercial sector fuel use other than that in "Commercial CHP."

⁴ Industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants.

⁵ All industrial sector fuel use other than that in "Coke Plants" and "Industrial CHP."

⁶ Included in "Commercial Other."

⁷ Included in "Industrial Non-CHP."

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.05 million short tons.

Notes: • See Tables 8.5a-8.5d for the amount of coal used to produce electricity and Tables 8.6a-8.6c for the amount of coal used to produce useful thermal output. • See Note 1, "Coal Consumption," and

Note 2, "Residential and Commercial Coal Consumption Estimates," at end of section. • See Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section 8. • Totals may not equal sum of components due to independent rounding.

Web Pages: • For data not shown for 1951-1969, see <http://www.eia.doe.gov/emeu/aer/coal.html>. • For related information, see <http://www.eia.doe.gov/fuelcoal.html>.

Sources: **Residential, Commercial Total, Coke Plants, Other Industrial Total, and Transportation:** • 1949-1975—Bureau of Mines (BOM), *Minerals Yearbook*, "Coal—Bituminous and Lignite" and "Coal—Pennsylvania Anthracite" chapters. • 1976—Energy Information Administration (EIA), *Energy Data Reports, Coal—Bituminous and Lignite in 1976 and Coal—Pennsylvania Anthracite 1976*. • 1977 and 1978—EIA, *Energy Data Reports, Coal—Pennsylvania Anthracite 1977; 1978, and Weekly Coal Report*. • 1979 and 1980—EIA, *Energy Data Report, Weekly Coal Report*. • 1981-1996—EIA, *Quarterly Coal Report (QCR) October-December*, quarterly reports. 1997 forward—EIA, *QCR October-December 2003* (March 2004), Table 29. • **Commercial CHP and Industrial CHP:** Table 8.7c. **Electric Power Sector:** Tables 8.5b, 8.5c, 8.6b, and 8.7b. **All Other Data:** Calculated.