

Report #:DOE/EIA-0554(2008)
 Release date: June 2008
 Next release date: February 2009

Table 71. Production, Heat Content, and Sulfur, Mercury and Carbon Dioxide Emission Factors by Coal Type and Region

Coal Supply Region	Coal Rank and Sulfur Level	Mine Type	2006 Production (Million Short tons)	Heat Content (Million Btu per Short Ton)	Sulfur Content (Pounds Per Million Btu)	Mercury Content (Pounds Per Trillion Btu)	CO ₂ (Pounds Per Million Btu)
Northern Appalachia	Metallurgical	Underground	3.4	26.27	0.68	N/A	207.5
	Mid-Sulfur Bituminous	All	66.8	25.24	1.28	11.17	207.5
	High-Sulfur Bituminous	All	66.2	24.84	2.49	11.67	205.7
	Waste Coal (Gob and Culm)	Surface	13.6	12.70	2.82	63.9	205.7
Central Appalachia	Metallurgical	Underground	38.3	26.27	0.62	N/A	205.9
	Low-Sulfur Bituminous	All	44.9	24.84	0.55	5.61	205.9
	Mid-Sulfur Bituminous	All	153.4	24.74	0.86	7.58	205.9
Southern Appalachia	Metallurgical	Underground	7.4	26.27	0.51	N/A	205.4
	Low-Sulfur Bituminous	All	0.2	24.84	0.50	3.87	205.4
	Mid-Sulfur Bituminous	All	11.4	24.85	1.21	10.15	205.4
East Interior	Mid-Sulfur Bituminous	All	26.4	22.26	1.06	5.6	204.9
	High-Sulfur Bituminous	All	68.7	22.85	2.67	6.35	204.7
	Mid-Sulfur Lignite	Surface	3.8	10.23	0.94	14.11	213.5
West Interior	High-Sulfur Bituminous	Surface	2.8	22.66	2.42	21.55	204.4
Gulf Lignite	Mid-Sulfur Lignite	Surface	33.4	13.38	1.29	14.11	213.5
	High-Sulfur Lignite	Surface	16.3	12.57	2.40	15.28	213.5
Dakota Lignite	Mid-Sulfur Lignite	Surface	30.8	13.26	1.07	8.38	218.8
Western Montana	Low-Sulfur Subbituminous	Underground	0.3	20.03	0.58	5.06	209.6
	Low-Sulfur Subbituminous	Surface	22.5	18.72	0.37	5.06	213.5
	Mid-Sulfur Subbituminous	Surface	18.7	17.19	0.79	5.47	213.5
Northern Wyoming	Low-Sulfur Subbituminous	Surface	172.0	16.88	0.39	7.08	212.7
	Mid-Sulfur Subbituminous	Surface	4.0	16.27	0.83	7.55	212.7
Southern Wyoming	Low-Sulfur Subbituminous	Surface	255.1	17.66	0.31	5.22	212.7
Western Wyoming	Low-Sulfur Subbituminous	Underground	0.5	18.53	0.63	2.19	206.5
	Low-Sulfur Subbituminous	Surface	3.2	18.88	0.50	4.06	212.7
	Mid-Sulfur Subbituminous	Surface	11.9	19.00	0.77	4.35	212.7
Rocky Mountain	Low-Sulfur Bituminous	Underground	52.7	22.95	0.51	3.82	205.1
	Low-Sulfur Subbituminous	Surface	9.7	20.70	0.41	2.04	212.7
Southwest	Low-Sulfur Bituminous	Surface	13.0	20.89	0.47	4.66	207.5
	Mid-Sulfur Subbituminous	Surface	14.1	18.09	0.95	7.18	208.8
	Mid-Sulfur Bituminous	Underground	7.0	19.52	0.70	7.18	208.8
Northwest	Mid-Sulfur Subbituminous	Surface	4.0	15.61	0.95	6.99	210.0

N/A = not available.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report—Manufacturing Plants"; Form EIA-5, "Quarterly Coal Consumption and Quality Report, Coke Plants"; Form EIA-6A, "Coal Distribution Report—Annual"; Form EIA-7A, "Coal Production Report", and Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." U.S. Department of Commerce, Bureau of the Census, "Monthly Report EM-545." U.S. Environmental Protection Agency, Emission Standards Division, *Information Collection Request for Electric Utility Steam Generating Unit, Mercury Emissions Information Collection Effort* (Research Triangle Park, NC, 1999). B.D. Hong and E.R. Slatick, "Carbon Dioxide Emission Factors for Coal," in Energy Information Administration, *Quarterly Coal Report*, January-March 1994, DOE/EIA-0121 (94/Q1) (Washington, DC, August 1995).