

Table 38. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State

Census Division and State ¹	April - June 2008	January - March 2008	April - June 2007	Year to Date		
				2008	2007	Percent Change
New England						
Btu	13,198	13,216	13,113	13,208	13,017	1.5
Sulfur	0.74	0.66	0.65	0.70	0.64	8.6
Ash	6.67	7.14	6.84	6.92	7.12	-2.7
Maine						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Massachusetts						
Btu	13,307	13,350	13,115	13,332	13,027	2.3
Sulfur	0.69	0.70	0.66	0.70	0.67	3.9
Ash	7.18	7.40	6.55	7.31	7.57	-3.4
Mid Atlantic						
Btu	12,588	12,642	12,755	12,613	12,687	-0.6
Sulfur	1.31	1.14	1.04	1.23	1.05	17.0
Ash	7.86	8.49	8.33	8.14	8.37	-2.7
New York						
Btu	13,004	13,190	13,131	13,075	13,166	-0.7
Sulfur	1.65	1.52	1.68	1.60	1.53	4.7
Ash	7.92	7.87	7.65	7.90	7.81	1.1
Pennsylvania						
Btu	12,527	12,583	12,691	12,553	12,618	-0.5
Sulfur	1.25	1.10	0.93	1.18	0.98	20.4
Ash	7.85	8.56	8.45	8.18	8.45	-3.3
East North Central						
Btu	12,435	12,327	12,375	12,384	12,289	0.8
Sulfur	1.30	1.33	1.35	1.32	1.34	-1.9
Ash	7.59	7.53	7.57	7.56	7.59	-0.3
Illinois						
Btu	11,131	11,024	11,184	11,076	11,147	-0.6
Sulfur	2.15	2.21	2.32	2.18	2.32	-6.2
Ash	7.58	7.62	7.57	7.60	7.58	0.2
Indiana						
Btu	12,698	12,659	12,590	12,679	12,497	1.5
Sulfur	1.05	1.03	1.07	1.04	1.05	-0.6
Ash	7.46	7.54	7.54	7.50	7.65	-1.9
Michigan						
Btu	12,989	12,849	13,120	12,943	12,965	-0.2
Sulfur	1.03	1.02	0.95	1.03	0.94	9.3
Ash	8.41	7.91	7.92	8.24	8.06	2.3
Ohio						
Btu	12,922	12,914	12,911	12,918	12,905	0.1
Sulfur	1.38	1.43	1.39	1.40	1.37	2.9
Ash	7.52	7.53	7.10	7.52	7.15	5.2
Wisconsin						
Btu	11,362	11,385	11,436	11,373	11,421	-0.4
Sulfur	1.41	1.31	1.30	1.36	1.28	6.4
Ash	7.07	6.81	8.17	6.95	7.61	-8.7
West North Central						
Btu	8,481	8,579	8,691	8,526	8,548	-0.3
Sulfur	0.94	0.89	0.95	0.92	0.93	-1.5
Ash	6.64	6.57	6.71	6.61	6.62	*
Iowa						
Btu	9,823	9,559	10,359	9,702	10,206	-4.9
Sulfur	1.40	1.22	1.48	1.32	1.42	-7.4
Ash	6.51	6.52	6.92	6.51	6.84	-4.8
Kansas						
Btu	12,095	12,508	11,681	12,292	11,636	5.6
Sulfur	1.65	1.93	1.78	1.79	1.92	-6.8
Ash	14.64	12.35	13.32	13.54	12.57	7.7
Minnesota						
Btu	9,611	9,529	9,355	9,571	9,484	0.9
Sulfur	0.37	0.33	0.30	0.35	0.32	11.0
Ash	5.08	4.90	5.27	4.99	5.04	-0.8
Missouri						
Btu	11,401	11,464	11,333	11,432	11,360	0.6
Sulfur	1.89	1.95	1.81	1.92	1.88	2.4
Ash	8.53	7.76	8.67	8.14	8.43	-3.4
Nebraska						
Btu	9,705	9,025	9,354	9,292	9,226	0.7
Sulfur	0.39	0.32	0.35	0.35	0.35	1.0
Ash	6.35	6.09	7.21	6.19	6.30	-1.7
North Dakota						
Btu	7,145	7,265	7,128	7,198	7,143	0.8
Sulfur	0.74	0.70	0.73	0.72	0.72	*
Ash	6.59	6.67	6.40	6.63	6.42	3.3

See footnotes at end of table.

Table 38. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

Census Division and State	April - June 2008	January - March 2008	April - June 2007	Year to Date		
				2008	2007	Percent Change
South Dakota						
Btu	8,343	8,642	8,431	8,476	8,402	0.9
Sulfur	0.45	0.44	0.45	0.44	0.44	0.3
Ash	5.11	5.11	5.07	5.11	5.03	1.5
South Atlantic						
Btu	12,858	12,875	12,857	12,867	12,866	*
Sulfur	1.01	1.02	1.03	1.02	1.03	-1.4
Ash	9.27	9.20	9.22	9.23	9.16	0.8
Delaware						
Btu	12,886	12,934	13,088	12,906	13,091	-1.4
Sulfur	1.93	2.04	1.61	1.98	1.75	12.8
Ash	8.55	8.24	7.60	8.42	7.68	9.6
Florida						
Btu	12,739	12,642	12,765	12,693	12,706	-0.1
Sulfur	0.85	0.86	0.85	0.86	0.86	*
Ash	10.25	10.47	10.49	10.36	10.74	-3.5
Georgia						
Btu	12,756	12,618	12,883	12,688	12,908	-1.7
Sulfur	0.98	1.01	0.98	0.99	0.96	4.0
Ash	9.58	10.04	8.72	9.81	8.62	13.7
Maryland						
Btu	12,231	12,560	12,287	12,396	12,236	1.3
Sulfur	1.48	1.48	1.45	1.48	1.54	-3.7
Ash	16.38	15.21	16.30	15.79	16.66	-5.2
North Carolina						
Btu	13,075	13,100	13,143	13,088	13,144	-0.4
Sulfur	0.92	0.85	0.91	0.89	0.90	-1.5
Ash	7.67	7.40	7.73	7.53	7.64	-1.5
South Carolina						
Btu	12,983	13,036	13,001	13,008	12,968	0.3
Sulfur	1.11	1.14	1.11	1.12	1.12	0.7
Ash	8.42	8.10	8.72	8.27	8.63	-4.1
Virginia						
Btu	13,123	13,118	13,129	13,120	13,125	*
Sulfur	0.92	0.92	1.00	0.92	0.96	-4.3
Ash	8.24	8.19	7.96	8.22	7.93	3.6
West Virginia						
Btu	12,804	12,813	12,651	12,808	12,695	0.9
Sulfur	0.92	0.97	0.97	0.95	0.98	-3.3
Ash	7.61	7.79	7.83	7.70	7.80	-1.3
East South Central						
Btu	12,961	12,940	12,860	12,950	12,848	0.8
Sulfur	1.08	1.06	1.07	1.07	1.03	3.3
Ash	7.88	7.92	8.03	7.90	7.92	-0.2
Alabama						
Btu	12,922	12,757	12,741	12,838	12,735	0.8
Sulfur	0.96	0.89	0.98	0.92	0.95	-2.9
Ash	8.31	8.53	8.29	8.42	8.28	1.6
Kentucky						
Btu	13,027	13,141	12,832	13,082	12,897	1.4
Sulfur	0.91	0.98	0.91	0.94	0.89	5.5
Ash	7.23	7.08	7.83	7.16	7.55	-5.2
Mississippi						
Btu	11,681	11,773	12,179	11,721	12,094	-3.1
Sulfur	1.96	1.96	1.96	1.96	1.99	-1.3
Ash	9.05	9.52	8.20	9.26	8.91	3.9
Tennessee						
Btu	13,022	13,042	13,050	13,032	12,962	0.5
Sulfur	1.29	1.24	1.24	1.26	1.18	7.0
Ash	7.86	7.80	7.92	7.83	7.78	0.7
West South Central						
Btu	10,833	11,058	11,015	10,947	10,940	*
Sulfur	0.75	0.73	0.75	0.74	0.75	-1.3
Ash	9.83	9.27	9.18	9.54	8.99	6.2
Arkansas						
Btu	12,202	12,154	12,003	12,175	12,279	-0.8
Sulfur	1.37	1.31	1.13	1.33	1.20	10.9
Ash	13.56	11.75	14.09	12.56	13.24	-5.1
Louisiana						
Btu	12,120	11,938	12,151	12,057	12,222	-1.3
Sulfur	1.06	1.16	1.14	1.09	1.19	-8.2
Ash	8.11	7.77	8.46	7.99	8.72	-8.4
Oklahoma						
Btu	10,272	10,338	10,770	10,304	10,247	0.6
Sulfur	0.88	0.87	0.96	0.88	0.91	-4.3
Ash	6.53	6.96	6.63	6.74	6.48	3.9

See footnotes at end of table.

Table 38. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

Census Division and State	April - June 2008	January - March 2008	April - June 2007	Year to Date		
				2008	2007	Percent Change
Texas						
Btu	10,776	11,085	10,865	10,934	10,876	0.5
Sulfur	0.59	0.56	0.58	0.57	0.57	0.9
Ash	10.61	9.65	9.18	10.12	9.06	11.7
Mountain						
Btu	10,444	10,264	10,617	10,362	10,545	-1.7
Sulfur	0.67	0.65	0.61	0.66	0.61	7.3
Ash	8.20	8.03	7.90	8.12	7.73	5.0
Arizona						
Btu	10,312	10,204	10,754	10,259	10,824	-5.2
Sulfur	0.83	0.85	0.64	0.84	0.66	27.1
Ash	14.87	15.04	12.51	14.95	12.02	24.5
Colorado						
Btu	11,657	11,552	11,478	11,597	11,447	1.3
Sulfur	0.51	0.49	0.50	0.50	0.51	-1.7
Ash	9.83	10.06	10.96	9.96	11.17	-10.8
Idaho						
Btu	9,809	9,894	10,479	9,848	10,294	-4.3
Sulfur	0.80	0.79	0.70	0.80	0.71	11.8
Ash	5.99	5.17	6.72	5.61	6.11	-8.2
Montana						
Btu	W	7,590	W	W	W	W
Sulfur	W	0.48	W	W	W	W
Ash	W	6.52	W	W	W	W
Nevada						
Btu	10,886	11,071	11,384	10,980	11,370	-3.4
Sulfur	0.52	0.55	0.43	0.53	0.52	3.3
Ash	10.22	9.77	10.33	9.99	11.11	-10.1
New Mexico						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Utah						
Btu	11,428	11,326	11,369	11,394	11,414	-0.2
Sulfur	0.45	0.43	0.40	0.44	0.41	7.4
Ash	9.22	9.06	9.19	9.17	8.94	2.6
Wyoming						
Btu	9,797	9,821	9,904	9,808	9,938	-1.3
Sulfur	0.75	0.65	0.72	0.70	0.68	3.0
Ash	5.19	5.04	4.69	5.12	4.72	8.4
Pacific						
Btu	11,630	11,499	11,927	11,563	11,962	-3.3
Sulfur	0.65	0.57	0.57	0.61	0.61	-1.1
Ash	10.34	11.14	9.53	10.75	9.66	11.3
California						
Btu	11,730	11,564	11,835	11,645	11,884	-2.0
Sulfur	0.66	0.60	0.58	0.63	0.63	-0.7
Ash	10.52	11.41	9.63	10.98	9.75	12.7
Hawaii						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Oregon						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Washington						
Btu	9,801	10,183	12,640	10,017	12,435	-19.4
Sulfur	0.32	0.31	0.43	0.31	0.47	-34.0
Ash	5.31	6.43	8.43	5.95	8.53	-30.3
U.S. Total						
Btu	11,757	11,784	11,783	11,770	11,734	0.3
Sulfur	1.10	1.07	1.07	1.09	1.07	2.0
Ash	7.95	8.03	7.97	7.99	7.94	0.7

¹ Quality units are Btu (per pound); sulfur (percent by weight); and ash (percent by weight).

* Absolute percentage less than 0.05.

- = No data are reported.

W = Data withheld to avoid disclosure.

Note: • Btu data for coke plants are calculated using the following reported data: Low Volatile equals 13,340 btu per pound, medium volatile equals 13,753 btu per pound, and high volatile equals 12,826 btu per pound. The following states include sulfur and ash data for coke plants: New York, Pennsylvania, Illinois, Indiana, Michigan, Ohio, Virginia, West Virginia, Alabama, and Kentucky.

Source: • Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption and Quality Report - Manufacturing and Transformation/Processing Coal Plants and Commercial and Institutional Coal Users;" and Form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."