

Table 34. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State

Census Division and State and Quality ¹	January - March 2008	October - December 2007	January - March 2007	Year to Date		
				2008	2007	Percent Change
New England						
Btu	13,216	13,225	12,939	13,216	12,939	2.1
Sulfur	0.66	0.66	0.63	0.66	0.63	4.2
Ash	7.14	6.01	7.35	7.14	7.35	-2.9
Maine						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Massachusetts						
Btu	13,350	13,087	12,955	13,350	12,955	3.0
Sulfur	0.70	0.69	0.68	0.70	0.68	2.5
Ash	7.40	6.46	8.40	7.40	8.40	-11.9
Mid Atlantic						
Btu	12,642	12,623	12,619	12,642	12,619	0.2
Sulfur	1.14	1.12	1.06	1.14	1.06	7.4
Ash	8.49	8.41	8.41	8.49	8.41	0.9
New Jersey						
Btu	-	-	W	-	W	W
Sulfur	-	-	W	-	W	W
Ash	-	-	W	-	W	W
New York						
Btu	13,190	12,937	13,213	13,190	13,213	-0.2
Sulfur	1.52	1.59	1.33	1.52	1.33	14.7
Ash	7.87	7.86	8.03	7.87	8.03	-2.0
Pennsylvania						
Btu	12,583	12,575	12,550	12,583	12,550	0.3
Sulfur	1.10	1.05	1.03	1.10	1.03	6.7
Ash	8.56	8.49	8.46	8.56	8.46	1.2
East North Central						
Btu	12,327	12,373	12,195	12,327	12,195	1.1
Sulfur	1.33	1.35	1.34	1.33	1.34	-0.2
Ash	7.53	7.60	7.60	7.53	7.60	-0.9
Illinois						
Btu	11,024	11,111	11,109	11,024	11,109	-0.8
Sulfur	2.21	2.22	2.32	2.21	2.32	-4.8
Ash	7.62	7.53	7.60	7.62	7.60	0.3
Indiana						
Btu	12,659	12,657	12,400	12,659	12,400	2.1
Sulfur	1.03	1.04	1.02	1.03	1.02	0.9
Ash	7.54	7.55	7.76	7.54	7.76	-2.7
Michigan						
Btu	12,849	12,909	12,599	12,849	12,599	2.0
Sulfur	1.02	1.21	0.90	1.02	0.90	12.8
Ash	7.91	8.12	8.39	7.91	8.39	-5.7
Ohio						
Btu	12,914	12,880	12,899	12,914	12,899	0.1
Sulfur	1.43	1.37	1.34	1.43	1.34	6.5
Ash	7.53	7.25	7.19	7.53	7.19	4.7
Wisconsin						
Btu	11,385	11,360	11,404	11,385	11,404	-0.2
Sulfur	1.31	1.31	1.26	1.31	1.26	4.3
Ash	6.81	7.67	6.99	6.81	6.99	-2.5
West North Central						
Btu	8,579	8,697	8,394	8,579	8,394	2.2
Sulfur	0.89	0.90	0.91	0.89	0.91	-2.6
Ash	6.57	6.78	6.52	6.57	6.52	0.8
Iowa						
Btu	9,559	9,938	9,987	9,559	9,987	-4.3
Sulfur	1.22	1.32	1.35	1.22	1.35	-9.2
Ash	6.52	6.68	6.72	6.52	6.72	-3.0
Kansas						
Btu	12,508	12,687	11,584	12,508	11,584	8.0
Sulfur	1.93	1.89	2.07	1.93	2.07	-6.6
Ash	12.35	11.92	11.73	12.35	11.73	5.3
Minnesota						
Btu	9,529	9,419	9,687	9,529	9,687	-1.6
Sulfur	0.33	0.32	0.35	0.33	0.35	-4.9
Ash	4.90	5.19	4.67	4.90	4.67	4.9
Missouri						
Btu	11,464	11,117	11,388	11,464	11,388	0.7
Sulfur	1.95	1.73	1.95	1.95	1.95	*
Ash	7.76	8.53	8.19	7.76	8.19	-5.3
Nebraska						
Btu	9,025	9,279	9,088	9,025	9,088	-0.7
Sulfur	0.32	0.34	0.34	0.32	0.34	-4.9
Ash	6.09	6.16	5.31	6.09	5.31	14.7

See footnotes at end of table.

Table 34. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

Census Division and State and Quality ¹	January - March 2008	October - December 2007	January - March 2007	Year to Date		
				2008	2007	Percent Change
North Dakota						
Btu	7,265	7,219	7,157	7,265	7,157	1.5
Sulfur	0.70	0.75	0.72	0.70	0.72	-2.1
Ash	6.67	6.91	6.43	6.67	6.43	3.9
South Dakota						
Btu	8,642	8,588	8,368	8,642	8,368	3.3
Sulfur	0.44	0.44	0.44	0.44	0.44	0.8
Ash	5.11	5.09	5.00	5.11	5.00	2.2
South Atlantic						
Btu	12,875	12,893	12,874	12,875	12,874	*
Sulfur	1.02	1.02	1.03	1.02	1.03	-0.6
Ash	9.20	8.95	9.10	9.20	9.10	1.0
Delaware						
Btu	12,934	13,261	13,093	12,934	13,093	-1.2
Sulfur	2.04	1.37	1.83	2.04	1.83	11.4
Ash	8.24	8.54	7.72	8.24	7.72	6.6
Florida						
Btu	12,642	12,864	12,652	12,642	12,652	*
Sulfur	0.86	1.01	0.86	0.86	0.86	-0.2
Ash	10.47	9.42	10.96	10.47	10.96	-4.5
Georgia						
Btu	12,618	12,857	12,934	12,618	12,934	-2.4
Sulfur	1.01	0.88	0.94	1.01	0.94	8.2
Ash	10.04	8.86	8.52	10.04	8.52	17.8
Maryland						
Btu	12,560	12,277	12,171	12,560	12,171	3.2
Sulfur	1.48	1.48	1.65	1.48	1.65	-9.9
Ash	15.21	16.38	17.11	15.21	17.11	-11.1
North Carolina						
Btu	13,100	13,109	13,144	13,100	13,144	-0.3
Sulfur	0.85	0.89	0.90	0.85	0.90	-4.7
Ash	7.40	7.14	7.57	7.40	7.57	-2.2
South Carolina						
Btu	13,036	12,994	12,940	13,036	12,940	0.7
Sulfur	1.14	1.10	1.12	1.14	1.12	1.5
Ash	8.10	8.53	8.55	8.10	8.55	-5.2
Virginia						
Btu	13,118	13,155	13,120	13,118	13,120	*
Sulfur	0.92	0.96	0.93	0.92	0.93	-0.1
Ash	8.19	7.91	7.90	8.19	7.90	3.7
West Virginia						
Btu	12,813	12,775	12,744	12,813	12,744	0.5
Sulfur	0.97	0.96	1.00	0.97	1.00	-2.2
Ash	7.79	7.46	7.77	7.79	7.77	0.3
East South Central						
Btu	12,940	12,887	12,837	12,940	12,837	0.8
Sulfur	1.06	1.07	1.00	1.06	1.00	5.8
Ash	7.92	7.88	7.81	7.92	7.81	1.4
Alabama						
Btu	12,757	12,838	12,729	12,757	12,729	0.2
Sulfur	0.89	0.93	0.92	0.89	0.92	-3.1
Ash	8.53	8.22	8.28	8.53	8.28	3.0
Kentucky						
Btu	13,141	12,917	12,959	13,141	12,959	1.4
Sulfur	0.98	0.87	0.88	0.98	0.88	11.4
Ash	7.08	7.58	7.29	7.08	7.29	-2.9
Mississippi						
Btu	11,773	11,672	11,977	11,773	11,977	-1.7
Sulfur	1.96	2.01	2.02	1.96	2.02	-2.8
Ash	9.52	9.37	9.88	9.52	9.88	-3.6
Tennessee						
Btu	13,042	12,962	12,884	13,042	12,884	1.2
Sulfur	1.24	1.30	1.13	1.24	1.13	10.2
Ash	7.80	7.71	7.65	7.80	7.65	2.0
West South Central						
Btu	11,058	10,831	10,875	11,058	10,875	1.7
Sulfur	0.73	0.73	0.75	0.73	0.75	-2.8
Ash	9.27	8.90	8.82	9.27	8.82	5.0
Arkansas						
Btu	12,154	12,466	12,499	12,154	12,499	-2.8
Sulfur	1.31	1.28	1.26	1.31	1.26	3.9
Ash	11.75	11.14	12.57	11.75	12.57	-6.5
Louisiana						
Btu	11,938	12,094	12,286	11,938	12,286	-2.8
Sulfur	1.16	1.08	1.23	1.16	1.23	-6.1
Ash	7.77	8.24	8.95	7.77	8.95	-13.2

See footnotes at end of table.

Table 34. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

Census Division and State and Quality ¹	January - March 2008	October - December 2007	January - March 2007	Year to Date		
				2008	2007	Percent Change
Oklahoma						
Btu	10,338	10,322	9,793	10,338	9,793	5.6
Sulfur	0.87	0.90	0.88	0.87	0.88	-1.4
Ash	6.96	6.58	6.35	6.96	6.35	9.5
Texas						
Btu	11,085	10,635	10,887	11,085	10,887	1.8
Sulfur	0.56	0.53	0.56	0.56	0.56	-0.6
Ash	9.65	9.38	8.95	9.65	8.95	7.9
Mountain						
Btu	10,264	10,315	10,465	10,264	10,465	-1.9
Sulfur	0.65	0.64	0.62	0.65	0.62	4.4
Ash	8.03	7.45	7.55	8.03	7.55	6.4
Arizona						
Btu	10,204	10,683	10,889	10,204	10,889	-6.3
Sulfur	0.85	0.65	0.68	0.85	0.68	24.8
Ash	15.04	12.23	11.56	15.04	11.56	30.1
Colorado						
Btu	11,552	11,538	11,401	11,552	11,401	1.3
Sulfur	0.49	0.51	0.52	0.49	0.52	-5.1
Ash	10.06	10.66	11.46	10.06	11.46	-12.3
Idaho						
Btu	9,894	10,020	9,863	9,894	9,863	0.3
Sulfur	0.79	0.78	0.76	0.79	0.76	5.1
Ash	5.17	5.07	4.69	5.17	4.69	10.2
Montana						
Btu	7,590	7,209	7,036	7,590	7,036	7.9
Sulfur	0.48	0.50	0.54	0.48	0.54	-10.7
Ash	6.52	8.08	8.63	6.52	8.63	-24.5
Nevada						
Btu	11,071	11,539	11,360	11,071	11,360	-2.5
Sulfur	0.55	0.53	0.57	0.55	0.57	-4.2
Ash	9.77	9.91	11.65	9.77	11.65	-16.1
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	11,326	11,370	11,491	11,326	11,491	-1.4
Sulfur	0.43	0.49	0.43	0.43	0.43	0.2
Ash	9.06	8.91	8.51	9.06	8.51	6.5
Wyoming						
Btu	9,821	9,898	9,970	9,821	9,970	-1.5
Sulfur	0.65	0.66	0.65	0.65	0.65	*
Ash	5.04	4.78	4.76	5.04	4.76	5.9
Pacific						
Btu	11,499	11,704	12,002	11,499	12,002	-4.2
Sulfur	0.57	0.57	0.67	0.57	0.67	-14.6
Ash	11.14	10.58	9.81	11.14	9.81	13.6
California						
Btu	11,564	11,771	11,940	11,564	11,940	-3.1
Sulfur	0.60	0.58	0.70	0.60	0.70	-13.7
Ash	11.41	10.87	9.89	11.41	9.89	15.4
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	10,183	10,294	12,205	10,183	12,205	-16.6
Sulfur	0.31	0.33	0.53	0.31	0.53	-41.2
Ash	6.43	6.37	8.64	6.43	8.64	-25.6
U.S. Total						
Btu	11,784	11,746	11,684	11,784	11,684	0.9
Sulfur	1.07	1.09	1.06	1.07	1.06	1.4
Ash	8.03	7.91	7.91	8.03	7.91	1.6

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."