

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

Census Division and State ¹	July - September 2008	April - June 2008	July - September 2007	Year to Date		
				2008	2007	Percent Change
New England						
Btu	13,225	13,198	13,258	13,213	13,098	0.9
Sulfur	0.73	0.74	0.65	0.70	0.64	9.5
Ash	6.82	6.67	6.67	6.90	6.97	-1.0
Maine						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Massachusetts						
Btu	13,364	13,307	13,505	13,339	13,176	1.2
Sulfur	0.68	0.69	0.66	0.69	0.67	3.9
Ash	7.89	7.18	6.03	7.43	7.09	4.8
Mid Atlantic						
Btu	12,625	12,588	12,644	12,617	12,673	-0.4
Sulfur	1.15	1.31	1.01	1.20	1.04	15.9
Ash	8.49	7.86	7.71	8.26	8.16	1.3
New York						
Btu	13,171	13,004	13,231	13,112	13,186	-0.6
Sulfur	1.64	1.65	1.53	1.62	1.53	5.5
Ash	8.00	7.92	7.82	7.94	7.81	1.6
Pennsylvania						
Btu	12,538	12,527	12,564	12,548	12,600	-0.4
Sulfur	1.07	1.25	0.94	1.15	0.97	18.4
Ash	8.57	7.85	7.70	8.31	8.21	1.2
East North Central						
Btu	12,446	12,435	12,387	12,406	12,322	0.7
Sulfur	1.30	1.30	1.36	1.31	1.35	-2.6
Ash	7.63	7.59	7.76	7.59	7.64	-0.8
Illinois						
Btu	11,029	11,131	11,094	11,060	11,130	-0.6
Sulfur	1.96	2.15	2.33	2.10	2.32	-9.6
Ash	7.44	7.58	7.66	7.54	7.61	-0.9
Indiana						
Btu	12,749	12,698	12,610	12,702	12,532	1.4
Sulfur	1.13	1.05	1.09	1.07	1.06	0.9
Ash	7.66	7.46	7.83	7.56	7.70	-1.9
Michigan						
Btu	13,005	12,989	13,088	12,969	13,023	-0.4
Sulfur	1.00	1.03	1.09	1.02	1.01	0.6
Ash	8.09	8.41	8.20	8.18	8.13	0.6
Ohio						
Btu	12,931	12,922	12,915	12,923	12,908	0.1
Sulfur	1.37	1.38	1.36	1.39	1.36	2.1
Ash	7.39	7.52	7.16	7.48	7.15	4.5
Wisconsin						
Btu	11,463	11,362	11,384	11,404	11,407	*
Sulfur	1.34	1.41	1.34	1.36	1.30	4.1
Ash	7.52	7.07	7.83	7.15	7.69	-7.1
West North Central						
Btu	8,594	8,481	8,635	8,550	8,578	-0.3
Sulfur	1.03	0.94	0.97	0.96	0.95	1.1
Ash	6.86	6.64	6.85	6.70	6.70	*
Iowa						
Btu	10,007	9,823	10,190	9,815	10,200	-3.8
Sulfur	1.61	1.40	1.30	1.43	1.37	3.7
Ash	6.94	6.51	6.86	6.67	6.85	-2.5
Kansas						
Btu	12,325	12,095	12,116	12,306	11,816	4.1
Sulfur	1.64	1.65	1.90	1.72	1.91	-9.9
Ash	13.25	14.64	12.93	13.42	12.71	5.6
Minnesota						
Btu	9,594	9,611	9,432	9,579	9,468	1.2
Sulfur	0.37	0.37	0.31	0.36	0.31	13.4
Ash	5.63	5.08	5.08	5.20	5.05	2.9
Missouri						
Btu	11,062	11,401	11,068	11,309	11,263	0.4
Sulfur	1.96	1.89	2.03	1.94	1.93	0.4
Ash	8.83	8.53	8.87	8.37	8.58	-2.4
Nebraska						
Btu	9,600	9,705	9,702	9,420	9,407	0.1
Sulfur	0.44	0.39	0.40	0.38	0.36	5.5
Ash	6.02	6.35	5.54	6.12	6.01	1.9
North Dakota						
Btu	7,112	7,145	7,070	7,169	7,119	0.7
Sulfur	0.75	0.74	0.77	0.73	0.74	-0.5
Ash	6.56	6.59	6.72	6.61	6.52	1.4

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	July - September 2008	April - June 2008	July - September 2007	Year to Date		
				2008	2007	Percent Change
South Dakota						
Btu	8,287	8,343	8,429	8,445	8,411	0.4
Sulfur	0.44	0.45	0.44	0.44	0.44	0.3
Ash	5.16	5.11	5.06	5.12	5.04	1.5
South Atlantic						
Btu	12,793	12,858	12,881	12,843	12,871	-0.2
Sulfur	1.01	1.01	1.00	1.01	1.02	-0.5
Ash	9.48	9.27	9.22	9.31	9.18	1.4
Delaware						
Btu	12,890	12,886	13,293	12,901	13,169	-2.0
Sulfur	2.35	1.93	1.08	2.10	1.49	41.0
Ash	8.23	8.55	9.32	8.35	8.31	0.5
Florida						
Btu	12,589	12,739	12,653	12,659	12,688	-0.2
Sulfur	0.80	0.85	0.79	0.84	0.83	0.5
Ash	10.59	10.25	10.83	10.43	10.77	-3.1
Georgia						
Btu	12,616	12,756	12,888	12,667	12,901	-1.8
Sulfur	0.97	0.98	1.00	0.99	0.97	1.8
Ash	9.76	9.58	9.04	9.79	8.75	11.9
Maryland						
Btu	12,251	12,231	12,418	12,347	12,298	0.4
Sulfur	1.42	1.48	1.48	1.46	1.52	-3.9
Ash	15.89	16.38	15.86	15.82	16.38	-3.4
North Carolina						
Btu	13,006	13,075	13,074	13,062	13,121	-0.5
Sulfur	0.90	0.92	0.90	0.89	0.90	-0.8
Ash	7.60	7.67	7.70	7.55	7.66	-1.4
South Carolina						
Btu	12,881	12,983	12,892	12,970	12,946	0.2
Sulfur	1.11	1.11	1.07	1.12	1.10	1.6
Ash	9.07	8.42	9.04	8.52	8.74	-2.6
Virginia						
Btu	13,061	13,123	13,136	13,101	13,128	-0.2
Sulfur	0.96	0.92	0.97	0.93	0.96	-3.4
Ash	8.62	8.24	7.98	8.35	7.94	5.1
West Virginia						
Btu	12,800	12,804	12,823	12,806	12,741	0.5
Sulfur	0.92	0.92	0.91	0.94	0.95	-1.5
Ash	7.64	7.61	7.64	7.68	7.74	-0.8
East South Central						
Btu	13,017	12,961	12,888	12,973	12,861	0.9
Sulfur	1.07	1.08	1.01	1.07	1.03	3.9
Ash	7.95	7.88	7.90	7.92	7.91	*
Alabama						
Btu	13,003	12,922	12,739	12,897	12,736	1.3
Sulfur	1.04	0.96	0.93	0.97	0.94	2.2
Ash	8.65	8.31	8.35	8.50	8.31	2.4
Kentucky						
Btu	13,078	13,027	13,043	13,081	12,942	1.1
Sulfur	0.89	0.91	0.89	0.93	0.89	3.6
Ash	7.10	7.23	7.51	7.14	7.54	-5.3
Mississippi						
Btu	11,605	11,681	11,856	11,681	12,019	-2.8
Sulfur	1.92	1.96	2.06	1.95	2.01	-3.1
Ash	8.69	9.05	8.91	9.06	8.91	1.8
Tennessee						
Btu	13,058	13,022	12,983	13,041	12,969	0.6
Sulfur	1.21	1.29	1.16	1.25	1.17	6.2
Ash	7.79	7.86	7.67	7.82	7.74	1.0
West South Central						
Btu	10,784	10,833	10,975	10,889	10,951	-0.6
Sulfur	0.79	0.75	0.78	0.76	0.76	-0.1
Ash	9.52	9.83	8.92	9.54	8.97	6.3
Arkansas						
Btu	12,412	12,202	12,271	12,265	12,277	*
Sulfur	1.61	1.37	1.45	1.44	1.28	12.6
Ash	12.43	13.56	10.62	12.51	12.44	0.6
Louisiana						
Btu	12,049	12,120	12,168	12,054	12,200	-1.2
Sulfur	1.17	1.06	1.09	1.13	1.15	-2.2
Ash	8.84	8.11	7.98	8.33	8.41	-1.0
Oklahoma						
Btu	10,132	10,272	10,462	10,240	10,314	-0.7
Sulfur	0.74	0.88	0.92	0.82	0.92	-9.9
Ash	6.32	6.53	6.62	6.58	6.53	0.8

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	July - September 2008	April - June 2008	July - September 2007	Year to Date		
				2008	2007	Percent Change
Texas						
Btu	10,668	10,776	10,839	10,844	10,864	-0.2
Sulfur	0.62	0.59	0.56	0.59	0.57	4.0
Ash	10.33	10.61	9.50	10.19	9.20	10.8
Mountain						
Btu	10,479	10,444	10,629	10,402	10,574	-1.6
Sulfur	0.63	0.67	0.63	0.65	0.62	4.9
Ash	8.30	8.20	7.67	8.18	7.71	6.2
Arizona						
Btu	10,305	10,312	10,899	10,274	10,847	-5.3
Sulfur	0.83	0.83	0.71	0.84	0.68	24.0
Ash	14.72	14.87	11.87	14.87	11.97	24.3
Colorado						
Btu	11,482	11,657	11,387	11,563	11,426	1.2
Sulfur	0.52	0.51	0.52	0.50	0.51	-1.2
Ash	10.81	9.83	11.54	10.21	11.30	-9.6
Idaho						
Btu	10,041	9,809	10,130	9,921	10,227	-3.0
Sulfur	0.78	0.80	0.74	0.79	0.73	9.0
Ash	4.51	5.99	5.01	5.19	5.66	-8.3
Montana						
Btu	8,875	W	8,230	8,063	7,528	7.1
Sulfur	0.58	W	0.74	0.56	0.66	-15.2
Ash	7.83	W	10.46	6.82	9.03	-24.5
Nevada						
Btu	10,850	10,886	11,442	10,930	11,396	-4.1
Sulfur	0.57	0.52	0.51	0.55	0.51	6.1
Ash	12.52	10.22	10.77	10.96	10.99	-0.3
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	11,307	11,428	11,376	11,360	11,399	-0.3
Sulfur	0.34	0.45	0.36	0.40	0.39	2.3
Ash	8.96	9.22	9.05	9.09	8.98	1.2
Wyoming						
Btu	9,901	9,797	9,952	9,838	9,942	-1.0
Sulfur	0.73	0.75	0.75	0.71	0.71	0.9
Ash	5.19	5.19	4.83	5.14	4.76	8.0
Pacific						
Btu	11,623	11,630	11,919	11,582	11,947	-3.1
Sulfur	0.53	0.65	0.59	0.58	0.60	-3.4
Ash	9.68	10.34	9.66	10.42	9.66	7.8
California						
Btu	11,766	11,730	11,911	11,682	11,894	-1.8
Sulfur	0.56	0.66	0.59	0.61	0.62	-1.6
Ash	9.85	10.52	9.71	10.63	9.73	9.2
Hawaii						
Btu	W	W	-	W	W	W
Sulfur	W	W	-	W	W	W
Ash	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	9,904	9,801	11,616	9,976	12,248	-18.5
Sulfur	0.31	0.32	0.31	0.31	0.44	-28.4
Ash	5.72	5.31	9.63	5.87	8.78	-33.2
U.S. Total						
Btu	11,779	11,757	11,746	11,773	11,738	0.3
Sulfur	1.09	1.10	1.07	1.09	1.07	2.2
Ash	8.09	7.95	7.93	8.02	7.93	1.1

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."