

Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State

Census Division and State ¹	April - June 2012	January - March 2012	April - June 2011	Year to Date		
				2012	2011	Percent Change
New England						
Btu	13,429	13,313	13,364	13,365	13,250	0.9
Sulfur	0.67	0.69	0.72	0.68	0.70	-2.8
Ash	5.60	6.13	6.54	5.89	6.34	-7.1
Maine						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Massachusetts						
Btu	13,652	13,480	13,687	13,557	13,537	0.1
Sulfur	0.68	0.67	0.68	0.67	0.65	2.9
Ash	5.22	5.96	5.95	5.63	5.64	-0.1
Middle Atlantic						
Btu	3,794	3,466	12,440	3,625	12,528	-71.1
Sulfur	1.17	1.30	1.14	1.24	1.14	8.6
Ash	9.05	9.48	8.97	9.27	8.71	6.4
New York						
Btu	10,927	10,125	12,842	10,522	12,917	-18.5
Sulfur	1.62	1.48	1.47	1.55	1.51	2.5
Ash	8.61	8.02	8.81	8.31	8.62	-3.6
Pennsylvania						
Btu	2,814	2,592	12,378	2,699	12,477	-78.4
Sulfur	1.11	1.28	1.09	1.20	1.09	9.7
Ash	9.11	9.67	9.00	9.40	8.72	7.8
East North Central						
Btu	4,565	4,975	12,542	4,761	12,412	-61.6
Sulfur	1.23	1.28	1.19	1.26	1.30	-3.0
Ash	7.53	7.34	7.33	7.44	7.44	*
Illinois						
Btu	6,860	7,131	11,179	7,005	11,236	-37.7
Sulfur	1.98	2.00	1.72	1.99	1.71	16.7
Ash	7.74	7.56	7.36	7.65	7.16	6.8
Indiana						
Btu	2,684	2,951	13,246	2,816	12,927	-78.2
Sulfur	0.98	0.92	0.96	0.95	1.20	-20.5
Ash	7.33	7.30	7.19	7.32	7.74	-5.5
Michigan						
Btu	4,615	11,561	12,700	6,232	12,800	-51.3
Sulfur	0.76	0.79	0.74	0.77	0.76	0.7
Ash	8.24	7.11	7.57	7.98	7.40	7.7
Ohio						
Btu	3,549	3,420	12,920	3,483	12,907	-73.0
Sulfur	1.26	1.24	1.32	1.25	1.30	-3.7
Ash	7.25	7.29	7.34	7.27	7.13	1.9
Wisconsin						
Btu	11,331	10,885	11,094	11,132	11,005	1.2
Sulfur	1.43	1.42	1.44	1.42	1.40	1.2
Ash	7.42	7.09	7.53	7.27	7.47	-2.6
West North Central						
Btu	8,482	8,246	8,495	8,361	8,434	-0.9
Sulfur	1.00	0.80	0.94	0.90	1.01	-11.3
Ash	6.64	6.08	6.39	6.35	6.38	-0.5
Iowa						
Btu	9,688	9,147	9,725	9,436	9,771	-3.4
Sulfur	1.21	0.66	1.40	0.95	1.65	-42.5
Ash	6.16	5.28	6.27	5.75	6.68	-14.0
Kansas						
Btu	10,954	11,781	11,646	11,212	11,626	-3.6
Sulfur	2.58	2.87	2.01	2.67	2.16	23.8
Ash	13.08	13.88	12.86	13.33	13.08	1.9
Minnesota						
Btu	9,527	9,852	9,407	9,695	9,597	1.0
Sulfur	0.39	0.42	0.35	0.41	0.37	9.4
Ash	5.26	5.00	5.36	5.12	5.20	-1.5
Missouri						
Btu	11,163	11,301	10,995	11,226	11,201	0.2
Sulfur	2.51	2.17	2.01	2.35	2.16	9.1
Ash	10.27	9.08	10.60	9.72	8.88	9.5
Nebraska						
Btu	9,174	8,963	9,348	9,057	9,072	-0.2
Sulfur	0.25	0.24	0.27	0.24	0.25	-1.9
Ash	5.25	4.90	5.61	5.05	5.10	-0.9
North Dakota						
Btu	7,118	7,190	7,198	7,157	7,221	-0.9
Sulfur	0.90	0.89	0.86	0.89	0.86	4.2
Ash	6.84	6.46	6.33	6.63	6.35	4.5

See footnotes at end of table.

Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

Census Division and State	April - June 2012	January - March 2012	April - June 2011	Year to Date		
				2012	2011	Percent Change
South Dakota						
Btu	8,280	8,321	8,233	8,302	8,245	0.7
Sulfur	0.58	0.55	0.50	0.57	0.45	26.7
Ash	6.03	6.83	5.63	6.46	5.13	26.1
South Atlantic						
Btu	9,112	9,390	12,636	9,257	12,743	-27.4
Sulfur	1.18	1.13	1.16	1.16	1.17	-1.1
Ash	10.09	9.99	10.05	10.04	9.56	5.0
Florida						
Btu	12,397	13,067	12,905	12,730	12,887	-1.2
Sulfur	0.82	0.93	0.90	0.88	0.94	-6.9
Ash	10.83	9.68	9.11	10.26	8.94	14.7
Georgia						
Btu	12,731	12,792	12,496	12,768	12,603	1.3
Sulfur	1.05	0.97	1.02	1.00	1.10	-9.0
Ash	8.76	8.77	10.24	8.77	9.54	-8.1
Maryland						
Btu	11,573	11,393	11,436	11,490	11,615	-1.1
Sulfur	1.74	1.50	1.84	1.63	1.95	-16.7
Ash	20.99	20.94	19.62	20.96	19.21	9.1
North Carolina						
Btu	13,006	13,008	12,952	13,007	12,953	0.4
Sulfur	1.06	1.03	0.97	1.05	0.96	9.3
Ash	7.33	7.03	7.68	7.19	7.37	-2.6
South Carolina						
Btu	12,664	12,575	12,639	12,617	12,728	-0.9
Sulfur	1.27	1.23	1.36	1.25	1.29	-2.7
Ash	8.70	8.78	8.66	8.75	8.52	2.6
Virginia						
Btu	7,070	7,505	12,915	7,294	13,038	-44.1
Sulfur	1.09	1.13	1.04	1.11	1.08	3.2
Ash	7.72	8.02	8.55	7.87	8.44	-6.7
West Virginia						
Btu	5,115	6,040	12,776	5,620	12,800	-56.1
Sulfur	1.11	1.07	1.10	1.09	1.09	*
Ash	8.31	9.32	8.78	8.86	8.55	3.7
East South Central						
Btu	10,068	10,073	12,579	10,071	12,773	-21.2
Sulfur	1.18	1.12	1.10	1.14	1.09	4.9
Ash	7.63	7.71	7.51	7.67	7.53	1.9
Alabama						
Btu	5,689	5,957	12,020	5,828	12,465	-53.2
Sulfur	1.00	1.04	0.97	1.02	1.00	2.4
Ash	7.73	7.62	7.54	7.67	7.81	-1.8
Kentucky						
Btu	13,179	12,973	13,050	13,073	13,007	0.5
Sulfur	1.14	0.96	1.07	1.05	1.00	5.2
Ash	6.82	6.63	6.19	6.72	6.22	8.1
Mississippi						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Tennessee						
Btu	13,063	12,938	12,981	12,998	13,016	-0.1
Sulfur	1.32	1.20	1.20	1.26	1.20	4.8
Ash	7.87	8.22	8.27	8.05	8.03	0.3
West South Central						
Btu	9,792	10,498	10,312	10,154	10,316	-1.6
Sulfur	0.65	0.67	0.64	0.66	0.67	-1.9
Ash	8.84	8.90	8.83	8.87	9.04	-1.9
Arkansas						
Btu	11,828	12,094	11,847	11,989	12,076	-0.7
Sulfur	1.35	1.11	0.77	1.21	0.86	40.6
Ash	9.25	8.59	10.02	8.85	10.36	-14.6
Louisiana						
Btu	7,667	11,548	11,523	8,827	8,715	1.3
Sulfur	0.62	1.25	1.14	0.81	1.08	-24.7
Ash	5.45	6.14	6.05	5.66	9.54	-40.7
Oklahoma						
Btu	9,477	9,807	9,449	9,634	9,447	2.0
Sulfur	0.37	0.38	0.48	0.38	0.43	-11.1
Ash	5.21	5.60	5.29	5.39	5.12	5.4
Texas						
Btu	9,918	10,496	10,517	10,228	10,469	-2.3
Sulfur	0.75	0.72	0.71	0.73	0.75	-2.1
Ash	12.15	11.21	10.91	11.65	10.89	6.9

See footnotes at end of table.

Table 43. Average Quality of Coal Received at Manufacturing and Coke Plants by Census Division and State (Continued)

Census Division and State	April - June 2012	January - March 2012	April - June 2011	Year to Date		
				2012	2011	Percent Change
Mountain						
Btu	10,423	10,110	9,781	10,261	9,978	2.8
Sulfur	0.64	0.66	0.67	0.65	0.67	-2.1
Ash	7.39	6.96	7.16	7.16	7.51	-4.6
Arizona						
Btu	9,416	10,320	9,393	10,005	9,624	4.0
Sulfur	0.86	0.73	0.72	0.77	0.80	-3.3
Ash	16.40	12.42	11.96	13.80	13.19	4.7
Colorado						
Btu	11,588	11,060	10,477	11,330	10,849	4.4
Sulfur	0.51	0.42	0.42	0.47	0.45	4.9
Ash	8.12	8.71	7.20	8.41	8.60	-2.2
Idaho						
Btu	9,974	10,099	10,258	10,032	10,229	-1.9
Sulfur	0.86	0.81	0.72	0.84	0.74	12.6
Ash	4.46	5.55	6.64	4.97	6.70	-25.8
Montana						
Btu	9,441	8,398	8,760	8,802	7,479	17.7
Sulfur	0.45	0.40	0.81	0.42	0.54	-22.9
Ash	6.73	5.90	12.33	6.22	9.94	-37.4
Nevada						
Btu	11,637	11,095	4,669	11,539	7,414	55.6
Sulfur	0.44	0.38	0.15	0.43	0.23	84.1
Ash	9.55	9.60	4.27	9.56	5.87	62.9
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	11,598	11,505	11,740	11,562	11,648	-0.7
Sulfur	0.43	0.54	0.54	0.47	0.54	-13.6
Ash	9.63	9.59	9.61	9.62	9.03	6.4
Wyoming						
Btu	9,914	9,766	9,756	9,832	9,801	0.3
Sulfur	0.69	0.71	0.75	0.70	0.72	-2.7
Ash	4.98	4.78	5.33	4.86	5.36	-9.2
Pacific						
Btu	11,450	11,469	11,438	11,461	11,463	*
Sulfur	0.50	0.52	0.47	0.51	0.47	8.7
Ash	10.30	10.18	9.74	10.23	9.74	5.0
California						
Btu	11,626	11,639	11,575	11,633	11,600	0.3
Sulfur	0.50	0.54	0.47	0.53	0.48	9.9
Ash	10.90	10.70	10.12	10.78	10.14	6.4
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	10,084	W	W	9,768	W	W
Sulfur	0.48	W	W	0.41	W	W
Ash	5.79	W	W	5.03	W	W
U.S. Total						
Btu	7,010	7,235	11,583	7,124	11,589	-38.5
Sulfur	1.10	1.07	1.06	1.09	1.11	-2.5
Ash	7.94	7.83	7.89	7.89	7.83	0.7

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

* Absolute percentage less than 0.05.

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: • U.S. Energy Information Administration (EIA), 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."