

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

Census Division and State <sup>1</sup>	April - June 2012	January - March 2012	April - June 2011	Year to Date		
				2012	2011	Percent Change
<b>New England</b>						
Btu	13,429	13,313	13,364	13,365	13,250	0.9
Sulfur	0.67	0.69	0.72	0.68	0.7	-2.8
Ash	5.6	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
<b>Middle Atlantic</b>						
Btu	12,652	12,635	12,440	12,643	12,528	0.9
Sulfur	1.17	1.3	1.14	1.24	1.14	8.6
Ash	9.05	9.48	8.97	9.27	8.71	6.4
New York						
Btu	12,896	12,883	12,842	12,890	12,917	-0.2
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	12,618	12,602	12,378	12,610	12,477	1.1
Sulfur	1.11	1.28	1.09	1.2	1.09	9.7
Ash	9.11	9.67	9	9.4	8.72	7.8
<b>East North Central</b>						
Btu	12,600	12,492	12,542	12,548	12,412	1.1
Sulfur	1.23	1.28	1.19	1.26	1.3	-3.0
Ash	7.53	7.34	7.33	7.44	7.44	*
Illinois						
Btu	11,671	11,487	11,179	11,573	11,236	3.0
Sulfur	1.98	2	1.72	1.99	1.71	16.7
Ash	7.74	7.56	7.36	7.65	7.16	6.8
Indiana						
Btu	13,085	13,040	13,246	13,063	12,927	1.0
Sulfur	0.98	0.92	0.96	0.95	1.2	-20.5
Ash	7.33	7.3	7.19	7.32	7.74	-5.5
Michigan						
Btu	12,617	12,468	12,700	12,582	12,800	-1.7
Sulfur	0.76	0.79	0.74	0.77	0.76	0.7
Ash	8.24	7.11	7.57	7.98	7.4	7.7
Ohio						
Btu	12,978	12,970	12,920	12,974	12,907	0.5
Sulfur	1.26	1.24	1.32	1.25	1.3	-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	1.4	1.2
Ash	7.42	7.09	7.53	7.27	7.47	-2.6
<b>West North Central</b>						
Btu	8,482	8,246	8,495	8,361	8,434	-0.9
Sulfur	1	0.8	0.94	0.9	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	1.4	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	5.36	5.12	5.2	-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	10.6	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	4.9	5.61	5.05	5.1	-0.9
North Dakota						
Btu	7,118	7,190	7,198	7,157	7,221	-0.9
Sulfur	0.9	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.

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				2012	2011	Percent Change
<b>South Dakota</b>						
Btu	8,280	8,321	8,233	8,302	8,245	0.7
Sulfur	0.58	0.55	0.5	0.57	0.45	26.7
Ash	6.03	6.83	5.63	6.46	5.13	26.1
<b>South Atlantic</b>						
Btu	12,781	12,784	12,706	12,782	12,779	*
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
<b>Florida</b>						
Btu	12,397	13,067	12,905	12,730	12,887	-1.2
Sulfur	0.82	0.93	0.9	0.88	0.94	-6.9
Ash	10.83	9.68	9.11	10.26	8.94	14.7
<b>Georgia</b>						
Btu	12,731	12,792	12,496	12,768	12,603	1.3
Sulfur	1.05	0.97	1.02	1	1.1	-9.0
Ash	8.76	8.77	10.24	8.77	9.54	-8.1
<b>Maryland</b>						
Btu	11,573	11,393	11,436	11,490	11,615	-1.1
Sulfur	1.74	1.5	1.84	1.63	1.95	-16.7
Ash	20.99	20.94	19.62	20.96	19.21	9.1
<b>North Carolina</b>						
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
<b>South Carolina</b>						
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	8.7	8.78	8.66	8.75	8.52	2.6
<b>Virginia</b>						
Btu	13,327	13,282	13,176	13,304	13,167	1.0
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
<b>West Virginia</b>						
Btu	12,892	12,774	12,776	12,827	12,800	0.2
Sulfur	1.11	1.07	1.1	1.09	1.09	*
Ash	8.31	9.32	8.78	8.86	8.55	3.7
<b>East South Central</b>						
Btu	13,039	12,944	12,914	12,990	12,940	0.4
Sulfur	1.18	1.12	1.1	1.14	1.09	4.9
Ash	7.63	7.71	7.51	7.67	7.53	1.9
<b>Alabama</b>						
Btu	13,029	13,011	12,845	13,019	12,891	1.0
Sulfur	1	1.04	0.97	1.02	1	2.4
Ash	7.73	7.62	7.54	7.67	7.81	-1.8
<b>Kentucky</b>						
Btu	13,179	12,973	13,050	13,073	13,007	0.5
Sulfur	1.14	0.96	1.07	1.05	1	5.2
Ash	6.82	6.63	6.19	6.72	6.22	8.1
<b>Mississippi</b>						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
<b>Tennessee</b>						
Btu	13,063	12,938	12,981	12,998	13,016	-0.1
Sulfur	1.32	1.2	1.2	1.26	1.2	4.8
Ash	7.87	8.22	8.27	8.05	8.03	0.3
<b>West South Central</b>						
Btu	9,839	10,498	10,312	10,177	10,316	-1.3
Sulfur	0.65	0.67	0.64	0.66	0.67	-1.9
Ash	8.84	8.9	8.83	8.87	9.04	-1.9
<b>Arkansas</b>						
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
<b>Louisiana</b>						
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
<b>Oklahoma</b>						
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	5.6	5.29	5.39	5.12	5.4
<b>Texas</b>						
Btu	10,020	10,496	10,517	10,277	10,469	-1.8
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.

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Census Division and State	April - June 2012	January - March 2012	April - June 2011	Year to Date		
				2012	2011	Percent Change
<b>Mountain</b>						
Btu	10,423	10,110	10,220	10,261	10,220	0.4
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	10,000	10,005	9,943	0.6
Sulfur	0.86	0.73	0.72	0.77	0.8	-3.3
Ash	16.4	12.42	11.96	13.8	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	7.2	8.41	8.6	-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	6.7	-25.8
Montana						
Btu	9,441	8,398	8,760	8,802	7,479	17.7
Sulfur	0.45	0.4	0.81	0.42	0.54	-22.9
Ash	6.73	5.9	12.33	6.22	9.94	-37.4
Nevada						
Btu	11,637	11,095	11,218	11,539	11,373	1.5
Sulfur	0.44	0.38	0.15	0.43	0.23	84.1
Ash	9.55	9.6	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	0.7	0.72	-2.7
Ash	4.98	4.78	5.33	4.86	5.36	-9.2
<b>Pacific</b>						
Btu	11,450	11,469	11,438	11,461	11,463	*
Sulfur	0.5	0.52	0.47	0.51	0.47	8.7
Ash	10.3	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	0.5	0.54	0.47	0.53	0.48	9.9
Ash	10.9	10.7	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
<b>U.S. Total</b>						
Btu	11,613	11,477	11,651	11,544	11,623	-0.7
Sulfur	1.1	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."