

**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 2014	January - March 2014	April - June 2013	Year to Date		Percent Change
				2014	2013	
<b>New England</b>						
Btu	13,306	12,964	13,323	13,105	13,253	-1.1
Sulfur	0.86	0.89	0.84	0.88	0.87	0.9
Ash	6.87	6.73	5.95	6.79	5.87	15.6
<b>Maine</b>						
Btu	12,482	12,578	12,667	12,561	12,667	-0.8
Sulfur	0.81	0.95	1.05	0.93	1.05	-11.6
Ash	8.68	7.34	6.18	7.57	6.18	22.5
<b>Massachusetts</b>						
Btu	13,472	13,498	13,503	13,483	13,535	-0.4
Sulfur	0.87	0.80	0.78	0.84	0.78	7.6
Ash	6.50	5.89	5.89	6.25	5.72	9.2
<b>Middle Atlantic</b>						
Btu	13,656	13,668	13,758	13,662	13,740	-0.6
Sulfur	1.14	1.12	1.14	1.13	1.23	-7.7
Ash	8.40	8.54	8.41	8.46	8.28	2.2
<b>New York</b>						
Btu	12,971	13,057	13,238	13,008	13,289	-2.1
Sulfur	1.43	1.32	1.32	1.38	1.41	-2.2
Ash	8.22	8.73	8.20	8.44	8.11	4.1
<b>Pennsylvania</b>						
Btu	13,726	13,719	13,819	13,723	13,791	-0.5
Sulfur	1.11	1.11	1.11	1.11	1.20	-8.0
Ash	8.42	8.52	8.44	8.47	8.30	2.0
<b>East North Central</b>						
Btu	13,086	12,989	13,233	13,041	13,201	-1.2
Sulfur	1.29	1.34	1.23	1.31	1.25	4.5
Ash	7.43	7.20	7.61	7.32	7.50	-2.3
<b>Illinois</b>						
Btu	11,940	11,763	11,950	11,852	11,880	-0.2
Sulfur	2.08	2.01	2.00	2.04	1.98	3.3
Ash	7.82	7.47	7.71	7.65	7.69	-0.6
<b>Indiana</b>						
Btu	14,020	14,073	14,048	14,045	14,054	-0.1
Sulfur	0.94	0.98	0.96	0.96	0.96	-0.2
Ash	7.28	7.05	7.32	7.17	7.25	-1.1
<b>Michigan</b>						
Btu	12,693	11,869	13,050	12,467	12,801	-2.6
Sulfur	0.75	0.70	0.75	0.74	0.75	-1.1
Ash	7.51	6.50	8.93	7.23	8.50	-14.9
<b>Ohio</b>						
Btu	13,722	13,743	13,826	13,732	13,851	-0.9
Sulfur	1.25	1.25	1.20	1.25	1.19	4.7
Ash	7.36	7.37	7.24	7.37	7.36	0.1
<b>Wisconsin</b>						
Btu	11,028	10,806	11,244	10,917	11,122	-1.8
Sulfur	1.37	1.31	1.34	1.34	1.44	-7.0
Ash	6.94	6.72	7.07	6.83	7.07	-3.4
<b>West North Central</b>						
Btu	8,407	8,374	8,742	8,390	8,511	-1.4
Sulfur	0.90	0.86	1.01	0.88	0.90	-1.7
Ash	6.38	6.23	6.42	6.31	6.31	-0.1
<b>Iowa</b>						
Btu	9,229	9,182	9,580	9,205	9,357	-1.6
Sulfur	0.65	0.68	1.12	0.66	0.89	-25.8
Ash	5.22	5.26	5.94	5.24	5.63	-6.9
<b>Kansas</b>						
Btu	12,343	12,175	12,033	12,278	12,023	2.1
Sulfur	1.95	2.39	2.05	2.12	2.12	0.2
Ash	13.01	11.45	13.33	12.40	13.22	-6.2

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				2014	2013	
<b>Minnesota</b>						
Btu	9,577	9,725	9,571	9,654	9,615	0.4
Sulfur	0.36	0.39	0.37	0.38	0.38	0.9
Ash	5.01	4.99	4.98	5.00	4.82	3.8
<b>Missouri</b>						
Btu	11,095	11,149	11,082	11,122	11,134	-0.1
Sulfur	2.33	2.16	2.58	2.24	2.38	-5.6
Ash	8.69	9.03	8.98	8.86	8.91	-0.6
<b>Nebraska</b>						
Btu	9,188	8,825	9,139	8,995	8,964	0.3
Sulfur	0.26	0.22	0.25	0.24	0.24	0.2
Ash	5.03	4.58	5.03	4.79	4.82	-0.5
<b>North Dakota</b>						
Btu	7,218	7,246	7,227	7,232	7,172	0.8
Sulfur	0.95	0.93	0.81	0.94	0.83	13.6
Ash	6.86	6.67	6.64	6.76	6.69	1.1
<b>South Dakota</b>						
Btu	8,223	8,263	8,276	8,245	8,305	-0.7
Sulfur	0.56	0.50	0.60	0.53	0.54	-3.1
Ash	5.39	5.61	5.58	5.51	5.41	1.8
<b>South Atlantic</b>						
Btu	13,086	13,252	13,125	13,170	13,114	0.4
Sulfur	1.17	1.15	1.19	1.16	1.17	-0.8
Ash	9.91	9.29	10.13	9.60	9.97	-3.7
<b>Florida</b>						
Btu	12,921	12,950	13,100	12,933	13,095	-1.2
Sulfur	0.97	1.10	1.00	1.02	0.98	4.2
Ash	7.65	7.60	7.90	7.63	7.89	-3.3
<b>Georgia</b>						
Btu	12,633	13,248	12,974	12,946	12,820	1.0
Sulfur	1.07	0.98	1.14	1.02	1.09	-5.9
Ash	10.20	8.12	9.41	9.14	9.23	-0.9
<b>Maryland</b>						
Btu	11,142	11,347	10,868	11,242	10,874	3.4
Sulfur	2.17	2.32	1.85	2.25	1.85	21.6
Ash	23.30	22.25	24.59	22.79	24.20	-5.8
<b>North Carolina</b>						
Btu	13,565	13,551	13,429	13,557	13,449	0.8
Sulfur	0.96	0.94	1.02	0.95	1.03	-8.1
Ash	7.30	8.01	8.15	7.68	8.05	-4.7
<b>South Carolina</b>						
Btu	12,957	13,054	13,115	13,004	13,051	-0.4
Sulfur	1.04	0.96	1.34	1.00	1.20	-16.4
Ash	7.82	7.50	7.99	7.67	8.03	-4.5
<b>Virginia</b>						
Btu	13,713	13,751	13,623	13,732	13,592	1.0
Sulfur	1.11	1.13	1.12	1.12	1.12	s
Ash	7.97	7.72	8.13	7.84	8.13	-3.5
<b>West Virginia</b>						
Btu	13,358	13,453	13,379	13,409	13,385	0.2
Sulfur	1.13	1.02	1.09	1.07	1.10	-2.8
Ash	9.76	8.91	9.24	9.31	9.30	s
<b>East South Central</b>						
Btu	13,168	13,233	13,215	13,200	13,205	s
Sulfur	1.22	1.17	1.18	1.20	1.19	0.7
Ash	8.24	8.05	7.89	8.15	7.82	4.1
<b>Alabama</b>						
Btu	13,406	13,539	13,559	13,468	13,543	-0.6
Sulfur	1.16	1.08	1.05	1.12	1.10	1.7
Ash	8.93	8.51	8.44	8.73	8.34	4.7
<b>Kentucky</b>						
Btu	13,021	13,004	13,025	13,013	13,018	s
Sulfur	1.10	1.06	1.08	1.08	1.04	4.0
Ash	6.83	6.48	6.50	6.66	6.54	1.9

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				2014	2013	
<b>Mississippi</b>						
Btu	11,444	11,364	11,418	11,411	11,421	-0.1
Sulfur	2.21	2.07	2.27	2.15	2.24	-3.9
Ash	7.71	7.94	8.48	7.81	8.59	-9.1
<b>Tennessee</b>						
Btu	13,031	13,078	13,025	13,056	13,010	0.4
Sulfur	1.30	1.27	1.31	1.29	1.30	-1.1
Ash	8.05	8.21	7.90	8.14	7.83	3.9
<b>West South Central</b>						
Btu	10,388	10,093	10,463	10,241	10,440	-1.9
Sulfur	0.68	0.69	0.60	0.68	0.62	9.8
Ash	9.23	8.84	8.14	9.03	8.45	6.9
<b>Arkansas</b>						
Btu	12,167	12,013	11,789	12,087	11,833	2.2
Sulfur	1.47	1.30	1.24	1.38	1.06	30.1
Ash	10.25	10.05	10.15	10.14	9.93	2.2
<b>Louisiana</b>						
Btu	7,885	8,286	7,926	8,107	7,789	4.1
Sulfur	0.69	0.72	0.74	0.71	0.73	-3.2
Ash	9.78	7.04	7.22	8.27	7.33	12.9
<b>Oklahoma</b>						
Btu	9,772	9,516	9,616	9,649	9,650	s
Sulfur	0.51	0.45	0.38	0.48	0.41	15.9
Ash	6.50	5.78	5.16	6.15	5.24	17.4
<b>Texas</b>						
Btu	10,705	10,296	11,229	10,504	11,054	-5.0
Sulfur	0.63	0.68	0.61	0.66	0.63	3.9
Ash	10.38	10.39	10.12	10.39	10.29	0.9
<b>Mountain</b>						
Btu	10,605	10,256	10,798	10,434	10,577	-1.4
Sulfur	0.57	0.57	0.58	0.57	0.58	-0.8
Ash	7.38	6.78	7.59	7.08	7.21	-1.7
<b>Arizona</b>						
Btu	11,895	11,780	12,169	11,840	12,097	-2.1
Sulfur	0.74	0.68	0.78	0.71	0.79	-10.0
Ash	10.38	9.74	10.37	10.07	10.57	-4.7
<b>Colorado</b>						
Btu	11,620	10,866	11,621	11,222	11,163	0.5
Sulfur	0.62	0.41	0.59	0.51	0.51	0.3
Ash	10.04	6.25	9.89	8.03	8.60	-6.5
<b>Idaho</b>						
Btu	10,476	10,032	11,444	10,316	11,435	-9.8
Sulfur	0.65	0.78	0.58	0.70	0.58	20.9
Ash	5.34	5.06	10.04	5.24	9.97	-47.4
<b>Montana</b>						
Btu	8,854	8,502	9,328	8,645	8,699	-0.6
Sulfur	0.58	0.34	0.49	0.44	0.45	-3.3
Ash	8.23	5.53	7.14	6.63	6.69	-0.9
<b>Nevada</b>						
Btu	11,060	10,844	11,565	10,960	11,410	-3.9
Sulfur	0.43	0.47	0.64	0.45	0.58	-23.6
Ash	9.22	8.93	9.70	9.08	9.48	-4.2
<b>New Mexico</b>						
Btu	12,567	11,677	12,171	12,195	12,039	1.3
Sulfur	0.71	0.71	0.72	0.71	0.74	-3.7
Ash	11.00	13.27	10.50	11.95	11.16	7.0
<b>Utah</b>						
Btu	11,397	11,293	11,417	11,353	11,422	-0.6
Sulfur	0.41	0.40	0.40	0.40	0.40	0.7
Ash	9.64	10.05	9.80	9.81	9.88	-0.7
<b>Wyoming</b>						
Btu	9,838	9,731	9,956	9,782	9,907	-1.3
Sulfur	0.63	0.68	0.65	0.66	0.64	2.7
Ash	4.96	5.23	4.61	5.10	4.77	7.0

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				2014	2013	
<b>Pacific</b>						
Btu	11,523	11,414	11,408	11,470	11,347	1.1
Sulfur	0.50	0.50	0.53	0.50	0.50	0.3
Ash	10.06	10.32	10.89	10.19	10.63	-4.2
<b>California</b>						
Btu	11,719	11,597	11,437	11,660	11,445	1.9
Sulfur	0.52	0.52	0.54	0.52	0.51	1.9
Ash	10.62	10.79	11.09	10.70	11.04	-3.1
<b>Hawaii</b>						
<b>Oregon</b>						
Btu	11,633	11,478	11,645	11,551	11,615	-0.6
Sulfur	0.45	0.49	0.53	0.47	0.48	-1.4
Ash	9.80	10.56	9.87	10.20	10.25	-0.4
<b>Washington</b>						
Btu	9,580	9,463	9,429	9,526	9,401	1.3
Sulfur	0.34	0.33	0.34	0.34	0.33	2.3
Ash	5.01	5.27	4.33	5.13	4.13	24.2
<b>U.S. Total</b>						
Btu	11,932	11,795	12,200	11,865	12,041	-1.5
Sulfur	1.08	1.07	1.09	1.08	1.09	-0.8
Ash	7.85	7.63	7.92	7.74	7.77	-0.3

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

- = No data reported.

s = Absolute percentage less than 0.05.

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.'