

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

Census Division and State and Quality ¹	October - December 2007	July - September 2007	October - December 2006	Year to Date		
				2007	2006	Percent Change
New England						
Btu	13,225	13,258	12,992	13,131	12,891	1.9
Sulfur	0.66	0.65	0.65	0.65	0.65	-0.7
Ash	6.01	6.67	7.94	6.72	7.41	-9.4
Maine						
Btu	W	W	W	W	W	W
Sulfur	W	W	W	W	W	W
Ash	W	W	W	W	W	W
Massachusetts						
Btu	13,087	13,505	13,056	13,151	13,124	0.2
Sulfur	0.69	0.66	0.67	0.67	0.66	2.5
Ash	6.46	6.03	7.98	6.91	7.23	-4.3
Mid Atlantic						
Btu	12,623	12,644	12,633	12,661	12,598	0.5
Sulfur	1.12	1.01	1.08	1.06	1.07	-0.8
Ash	8.41	7.71	8.39	8.22	7.97	3.1
New Jersey						
Btu	-	-	W	-	W	W
Sulfur	-	-	W	-	W	W
Ash	-	-	W	-	W	W
New York						
Btu	12,937	13,231	13,264	13,123	13,053	0.5
Sulfur	1.59	1.53	1.44	1.55	1.43	8.1
Ash	7.86	7.82	7.82	7.82	8.09	-3.2
Pennsylvania						
Btu	12,575	12,564	12,534	12,594	12,530	0.5
Sulfur	1.05	0.94	1.03	0.99	1.01	-2.5
Ash	8.49	7.70	8.48	8.28	7.95	4.1
East North Central						
Btu	12,373	12,387	12,324	12,335	12,342	*
Sulfur	1.35	1.36	1.28	1.35	1.29	4.5
Ash	7.60	7.76	7.73	7.63	7.57	0.8
Illinois						
Btu	11,111	11,094	11,025	11,125	11,164	-0.3
Sulfur	2.22	2.33	2.35	2.30	2.26	1.7
Ash	7.53	7.66	7.72	7.59	7.68	-1.2
Indiana						
Btu	12,657	12,610	12,540	12,565	12,572	*
Sulfur	1.04	1.09	1.03	1.05	1.02	3.0
Ash	7.55	7.83	7.65	7.66	7.35	4.3
Michigan						
Btu	12,909	13,088	12,845	12,984	12,784	1.6
Sulfur	1.21	1.09	0.89	1.08	0.92	17.3
Ash	8.12	8.20	8.47	8.13	8.56	-5.1
Ohio						
Btu	12,880	12,915	12,948	12,901	12,877	0.2
Sulfur	1.37	1.36	1.41	1.37	1.42	-4.0
Ash	7.25	7.16	7.23	7.18	7.39	-2.9
Wisconsin						
Btu	11,360	11,384	11,306	11,395	11,426	-0.3
Sulfur	1.31	1.34	1.12	1.30	1.30	0.2
Ash	7.67	7.83	7.81	7.69	7.50	2.5
West North Central						
Btu	8,697	8,635	8,650	8,608	8,631	-0.3
Sulfur	0.90	0.97	0.76	0.94	0.81	15.3
Ash	6.78	6.85	6.41	6.72	6.37	5.4
Iowa						
Btu	9,938	10,190	9,889	10,133	9,999	1.3
Sulfur	1.32	1.30	0.95	1.36	1.05	29.5
Ash	6.68	6.86	6.26	6.81	6.47	5.2
Kansas						
Btu	12,687	12,116	12,136	12,021	11,918	0.9
Sulfur	1.89	1.90	1.67	1.91	1.73	10.4
Ash	11.92	12.93	11.75	12.52	11.13	12.5
Minnesota						
Btu	9,419	9,432	9,615	9,451	9,538	-0.9
Sulfur	0.32	0.31	0.39	0.32	0.36	-12.8
Ash	5.19	5.08	5.40	5.10	5.25	-2.8
Missouri						
Btu	11,117	11,068	11,454	11,224	11,371	-1.3
Sulfur	1.73	2.03	1.77	1.88	1.81	4.0
Ash	8.53	8.87	8.18	8.57	8.10	5.8
Nebraska						
Btu	9,279	9,702	9,665	9,367	9,633	-2.8
Sulfur	0.34	0.40	0.32	0.36	0.33	9.0
Ash	6.16	5.54	7.43	6.06	7.46	-18.8

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	October - December 2007	July - September 2007	October - December 2006	Year to Date		
				2007	2006	Percent Change
North Dakota						
Btu	7,219	7,070	7,209	7,143	7,148	*
Sulfur	0.75	0.77	0.60	0.74	0.63	16.8
Ash	6.91	6.72	6.20	6.61	6.06	9.0
South Dakota						
Btu	8,588	8,429	8,373	8,448	8,327	1.5
Sulfur	0.44	0.44	0.44	0.44	0.43	2.5
Ash	5.09	5.06	5.00	5.05	4.96	1.8
South Atlantic						
Btu	12,893	12,881	12,805	12,876	12,841	0.3
Sulfur	1.02	1.00	1.07	1.02	1.08	-5.8
Ash	8.95	9.22	9.62	9.12	9.45	-3.5
Delaware						
Btu	13,261	13,293	13,307	13,190	13,207	-0.1
Sulfur	1.37	1.08	1.84	1.46	2.06	-28.9
Ash	8.54	9.32	7.62	8.36	8.36	*
Florida						
Btu	12,864	12,653	12,616	12,719	12,691	0.2
Sulfur	1.01	0.79	0.77	0.87	0.84	2.7
Ash	9.42	10.83	11.04	10.53	10.22	3.0
Georgia						
Btu	12,857	12,888	12,842	12,890	12,840	0.4
Sulfur	0.88	1.00	0.95	0.95	0.96	-1.6
Ash	8.86	9.04	8.90	8.78	8.86	-0.9
Maryland						
Btu	12,277	12,418	11,947	12,293	12,096	1.6
Sulfur	1.48	1.48	1.64	1.51	1.56	-3.0
Ash	16.38	15.86	17.67	16.38	16.84	-2.7
North Carolina						
Btu	13,109	13,074	13,124	13,119	13,138	-0.1
Sulfur	0.89	0.90	0.94	0.90	0.95	-5.8
Ash	7.14	7.70	7.38	7.54	7.63	-1.2
South Carolina						
Btu	12,994	12,892	12,861	12,956	12,868	0.7
Sulfur	1.10	1.07	1.08	1.10	1.11	-0.4
Ash	8.53	9.04	8.99	8.70	8.81	-1.3
Virginia						
Btu	13,155	13,136	13,141	13,135	13,145	*
Sulfur	0.96	0.97	1.04	0.96	1.05	-7.9
Ash	7.91	7.98	8.04	7.94	8.13	-2.4
West Virginia						
Btu	12,775	12,823	12,692	12,750	12,725	0.2
Sulfur	0.96	0.91	1.04	0.95	1.07	-11.1
Ash	7.46	7.64	8.47	7.67	8.42	-8.9
East South Central						
Btu	12,887	12,888	12,848	12,867	12,874	*
Sulfur	1.07	1.01	1.11	1.04	1.09	-4.6
Ash	7.88	7.90	8.05	7.91	7.95	-0.6
Alabama						
Btu	12,838	12,739	12,643	12,761	12,711	0.4
Sulfur	0.93	0.93	0.97	0.94	0.95	-0.7
Ash	8.22	8.35	9.12	8.28	8.68	-4.5
Kentucky						
Btu	12,917	13,043	12,970	12,937	13,020	-0.6
Sulfur	0.87	0.89	0.96	0.89	0.96	-7.3
Ash	7.58	7.51	6.93	7.55	7.17	5.3
Mississippi						
Btu	11,672	11,856	12,149	11,938	12,092	-1.3
Sulfur	2.01	2.06	2.04	2.01	2.00	0.2
Ash	9.37	8.91	9.68	9.02	9.06	-0.4
Tennessee						
Btu	12,962	12,983	13,017	12,967	12,971	*
Sulfur	1.30	1.16	1.33	1.21	1.30	-7.0
Ash	7.71	7.67	7.65	7.73	7.74	*
West South Central						
Btu	10,831	10,975	9,156	10,922	9,193	18.8
Sulfur	0.73	0.78	0.89	0.75	0.96	-21.4
Ash	8.90	8.92	11.13	8.95	11.50	-22.1
Arkansas						
Btu	12,466	12,271	12,743	12,322	12,530	-1.7
Sulfur	1.28	1.45	1.37	1.28	1.32	-2.8
Ash	11.14	10.62	10.92	12.13	11.87	2.1
Louisiana						
Btu	12,094	12,168	11,600	12,172	11,994	1.5
Sulfur	1.08	1.09	1.31	1.13	1.25	-9.7
Ash	8.24	7.98	6.10	8.37	7.52	11.3

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	October - December 2007	July - September 2007	October - December 2006	Year to Date		
				2007	2006	Percent Change
Oklahoma						
Btu	10,322	10,462	10,187	10,316	10,254	0.6
Sulfur	0.90	0.92	0.93	0.91	0.92	-1.5
Ash	6.58	6.62	6.33	6.54	6.70	-2.4
Texas						
Btu	10,635	10,839	8,641	10,808	8,679	24.5
Sulfur	0.53	0.56	0.84	0.56	0.93	-39.9
Ash	9.38	9.50	12.10	9.24	12.43	-25.6
Mountain						
Btu	10,315	10,629	10,425	10,513	10,602	-0.8
Sulfur	0.64	0.63	0.60	0.62	0.61	2.3
Ash	7.45	7.67	7.89	7.65	7.85	-2.6
Arizona						
Btu	10,683	10,899	11,117	10,807	11,019	-1.9
Sulfur	0.65	0.71	0.57	0.67	0.56	19.1
Ash	12.23	11.87	12.13	12.04	11.97	0.5
Colorado						
Btu	11,538	11,387	11,320	11,454	11,379	0.7
Sulfur	0.51	0.52	0.53	0.51	0.51	-0.7
Ash	10.66	11.54	11.99	11.14	11.56	-3.7
Idaho						
Btu	10,020	10,130	9,813	10,169	10,371	-2.0
Sulfur	0.78	0.74	0.76	0.74	0.76	-2.2
Ash	5.07	5.01	4.95	5.50	5.77	-4.7
Montana						
Btu	7,209	8,230	6,780	7,382	7,240	2.0
Sulfur	0.50	0.74	0.48	0.58	0.59	-0.3
Ash	8.08	10.46	7.67	8.60	8.56	0.4
Nevada						
Btu	11,539	11,442	11,410	11,427	11,334	0.8
Sulfur	0.53	0.51	0.53	0.52	0.48	7.8
Ash	9.91	10.77	10.66	10.75	11.03	-2.6
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	11,370	11,376	11,345	11,395	11,587	-1.7
Sulfur	0.49	0.36	0.44	0.41	0.41	0.2
Ash	8.91	9.05	8.29	8.97	8.36	7.3
Wyoming						
Btu	9,898	9,952	9,914	9,931	9,913	0.2
Sulfur	0.66	0.75	0.66	0.69	0.70	-1.5
Ash	4.78	4.83	4.92	4.76	4.98	-4.3
Pacific						
Btu	11,704	11,919	12,000	11,884	12,043	-1.3
Sulfur	0.57	0.59	0.72	0.59	0.77	-22.6
Ash	10.58	9.66	9.69	9.89	10.05	-1.6
California						
Btu	11,771	11,911	12,085	11,863	12,058	-1.6
Sulfur	0.58	0.59	0.75	0.61	0.80	-23.9
Ash	10.87	9.71	9.84	10.02	10.08	-0.6
Hawaii						
Btu	W	-	-	W	W	W
Sulfur	W	-	-	W	W	W
Ash	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	10,294	11,616	10,599	11,561	10,618	8.9
Sulfur	0.33	0.31	0.41	0.40	0.44	-9.8
Ash	6.37	9.63	7.95	7.93	8.45	-6.1
U.S. Total						
Btu	11,746	11,746	11,591	11,740	11,615	1.1
Sulfur	1.09	1.07	1.05	1.07	1.06	0.8
Ash	7.91	7.93	8.17	7.93	8.07	-1.7

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 Plants;" and form EIA-5, "Quarterly Coal Consumption and Quality Report - Coke Plants."