

**Table 44. Average Quality of Coal Received at Commercial and Institutional Users by Census Division and State**

Census Division and State <sup>1</sup>	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
Middle Atlantic						
Btu	14,746	13,419	13,104	13,075	13,174	-0.7
Sulfur	1.00	0.94	0.79	0.86	0.94	-8.1
Ash	5.47	7.60	9.15	8.28	8.58	-3.5
Pennsylvania						
Btu	14,746	13,419	13,104	13,075	13,174	-0.7
Sulfur	1.00	0.94	0.79	0.86	0.94	-8.1
Ash	5.47	7.60	9.15	8.28	8.58	-3.5
East North Central						
Btu	11,365	11,443	11,629	11,822	12,106	-2.3
Sulfur	3.01	2.95	2.77	2.56	2.32	10.6
Ash	9.33	9.13	9.20	8.65	8.25	4.9
Illinois						
Btu	11,107	11,243	11,042	11,236	11,102	1.2
Sulfur	3.31	3.23	3.26	3.23	3.20	0.8
Ash	9.70	9.47	9.90	9.41	9.59	-1.9
Indiana						
Btu	11,494	11,328	11,103	11,347	11,180	1.5
Sulfur	2.84	2.99	3.31	2.94	3.07	-4.2
Ash	9.23	9.41	10.28	9.37	9.81	-4.5
Michigan						
Btu	-	-	12,344	-	12,374	-
Sulfur	-	-	2.50	-	2.56	-
Ash	-	-	8.90	-	8.53	-
Ohio						
Btu	13,453	13,216	13,303	13,538	13,392	1.1
Sulfur	0.92	0.90	0.87	0.89	1.12	-20.6
Ash	5.43	5.72	5.92	5.68	6.10	-6.8
Wisconsin						
Btu	-	13,375	-	13,375	13,395	-0.2
Sulfur	-	0.78	-	0.78	0.75	4.6
Ash	-	7.65	-	7.65	6.44	18.9
West North Central						
Btu	11,253	10,839	11,146	10,704	10,698	s
Sulfur	2.49	2.21	2.26	2.12	2.02	4.7
Ash	8.62	8.81	8.71	8.64	8.81	-2.0
Iowa						
Btu	11,619	11,346	11,525	11,404	11,363	0.4
Sulfur	2.57	2.58	2.42	2.53	2.38	6.0
Ash	8.52	8.76	8.53	8.63	8.82	-2.1
Minnesota						
Btu	9,222	9,350	9,318	8,925	8,966	-0.5
Sulfur	0.30	0.37	0.34	0.22	0.18	18.4
Ash	4.18	4.20	4.31	5.57	3.93	41.7
Missouri						
Btu	11,366	11,320	11,328	11,334	11,354	-0.2
Sulfur	3.12	2.98	3.00	2.99	3.04	-1.6
Ash	8.53	8.91	8.78	8.63	8.63	-0.1
North Dakota						
Btu	8,700	8,701	8,504	8,633	8,598	0.4
Sulfur	0.66	0.64	0.60	0.67	0.44	50.7
Ash	9.55	9.24	9.91	9.28	9.68	-4.1
South Atlantic						
Btu	13,225	13,276	13,392	13,258	13,311	-0.4
Sulfur	1.41	1.40	1.12	1.45	1.15	26.6
Ash	10.39	9.96	8.98	9.49	8.59	10.4
District of Columbia						
Btu	-	13,260	-	13,260	-	-
Sulfur	-	0.51	-	0.51	-	-
Ash	-	6.64	-	6.64	-	-

Census Division and State¹	July - September 2016	April - June 2016	July - September 2015	Year to Date		Percent Change
				2016	2015	
North Carolina						
Btu	13,199	13,420	13,454	13,282	13,333	-0.4
Sulfur	1.52	1.64	1.23	1.60	1.24	28.8
Ash	9.33	9.26	8.32	8.57	8.30	3.4
Virginia						
Btu	13,290	12,966	13,237	13,189	13,231	-0.3
Sulfur	1.12	1.05	0.84	1.11	0.81	37.4
Ash	13.08	12.17	10.61	12.27	9.70	26.4
East South Central						
Btu	13,007	13,252	12,967	13,247	13,109	1.0
Sulfur	0.77	0.71	0.74	0.70	0.81	-14.1
Ash	6.46	5.86	6.52	5.89	6.92	-14.9
Kentucky						
Btu	13,007	13,252	12,967	13,247	13,198	0.4
Sulfur	0.77	0.71	0.74	0.70	0.68	2.6
Ash	6.46	5.86	6.52	5.89	6.23	-5.5
Tennessee						
Btu	-	-	-	-	12,878	-
Sulfur	-	-	-	-	1.16	-
Ash	-	-	-	-	8.72	-
West South Central						
Btu	-	-	13,428	-	13,308	-
Sulfur	-	-	0.67	-	0.66	-
Ash	-	-	8.61	-	8.04	-
Texas						
Btu	-	-	13,428	-	13,308	-
Sulfur	-	-	0.67	-	0.66	-
Ash	-	-	8.61	-	8.04	-
Mountain						
Btu	12,000	11,417	11,338	9,844	11,070	-11.1
Sulfur	0.42	0.54	0.47	0.40	0.45	-11.0
Ash	8.66	9.55	10.34	6.08	8.32	-27.0
Colorado						
Btu	-	-	-	-	11,573	-
Sulfur	-	-	-	-	0.45	-
Ash	-	-	-	-	9.10	-
Montana						
Btu	12,000	-	-	12,000	-	-
Sulfur	0.42	-	-	0.42	-	-
Ash	8.66	-	-	8.66	-	-
Wyoming						
Btu	-	11,417	11,338	9,553	10,858	-12.0
Sulfur	-	0.54	0.47	0.39	0.44	-11.4
Ash	-	9.55	10.34	5.73	7.99	-28.3
Pacific						
Btu	7,490	7,538	7,494	7,554	7,603	-0.6
Sulfur	0.19	0.15	0.16	0.15	0.18	-14.6
Ash	7.46	5.86	8.29	6.35	7.92	-19.9
Alaska						
Btu	7,490	7,538	7,494	7,554	7,603	-0.6
Sulfur	0.19	0.15	0.16	0.15	0.18	-14.6
Ash	7.46	5.86	8.29	6.35	7.92	-19.9
U.S. Total						
Btu	9,815	9,906	10,204	10,061	10,400	-3.3
Sulfur	1.30	1.22	1.27	1.23	1.20	2.3
Ash	8.45	7.57	8.68	7.73	8.30	-6.9

1 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 Survey of Non-Electric Sector Coal Data.'