

Table 44. Average quality of coal received at commercial and institutional users by census division and state

Census division and state ¹	January - March 2024	October - December 2023	January - March 2023	Year to date		Percent change
				2024	2023	
Middle Atlantic						
Btu	12,182	13,831	12,171	12,182	12,171	0.1
Sulfur	0.82	1.26	0.60	0.82	0.60	36.5
Ash	8.93	5.68	8.63	8.93	8.63	3.5
Pennsylvania						
Btu	12,182	13,831	12,171	12,182	12,171	0.1
Sulfur	0.82	1.26	0.60	0.82	0.60	36.5
Ash	8.93	5.68	8.63	8.93	8.63	3.5
East North Central						
Btu	11,155	11,158	11,169	11,155	11,169	-0.1
Sulfur	2.63	2.96	2.91	2.63	2.91	-9.7
Ash	9.71	9.75	9.83	9.71	9.83	-1.2
Illinois						
Btu	11,161	11,192	11,142	11,161	11,142	0.2
Sulfur	3.14	3.11	3.05	3.14	3.05	3.0
Ash	9.98	9.71	9.84	9.98	9.84	1.5
Indiana						
Btu	11,140	11,075	11,255	11,140	11,255	-1.0
Sulfur	1.57	2.61	2.49	1.57	2.49	-36.8
Ash	9.14	9.84	9.81	9.14	9.81	-6.8
West North Central						
Btu	10,297	9,608	10,336	10,297	10,336	-0.4
Sulfur	2.07	1.02	1.49	2.07	1.49	38.8
Ash	7.68	7.83	6.60	7.68	6.60	16.4
Iowa						
Btu	10,422	9,454	11,196	10,422	11,196	-6.9
Sulfur	2.45	0.87	2.31	2.45	2.31	6.3
Ash	6.45	7.15	7.89	6.45	7.89	-18.2
Minnesota						
Btu	9,439	-	9,503	9,439	9,503	-0.7
Sulfur	0.34	-	0.32	0.34	0.32	6.3
Ash	4.08	-	4.19	4.08	4.19	-2.6
Missouri						
Btu	11,301	11,325	11,320	11,301	11,320	-0.2
Sulfur	3.06	2.46	3.09	3.06	3.09	-1.0
Ash	9.22	11.21	8.60	9.22	8.60	7.2
North Dakota						
Btu	8,879	8,820	9,178	8,879	9,178	-3.3
Sulfur	0.34	0.37	0.31	0.34	0.31	9.7
Ash	8.71	6.43	4.95	8.71	4.95	76.0
South Atlantic						
Btu	13,068	13,099	12,737	13,068	12,737	2.6
Sulfur	1.60	1.50	1.12	1.60	1.12	42.4
Ash	7.56	7.49	7.54	7.56	7.54	0.4
North Carolina						
Btu	12,830	13,059	12,952	12,830	12,952	-0.9
Sulfur	1.86	1.61	1.35	1.86	1.35	38.0
Ash	8.71	7.79	9.40	8.71	9.40	-7.4
Virginia						
Btu	13,667	13,325	12,484	13,667	12,484	9.5
Sulfur	0.93	0.84	0.86	0.93	0.86	8.8
Ash	4.69	5.71	5.36	4.69	5.36	-12.5
Mountain						
Btu	11,608	11,880	11,465	11,608	11,465	1.2
Sulfur	0.51	0.48	0.45	0.51	0.45	13.2
Ash	10.25	10.49	11.70	10.25	11.70	-12.4
Colorado						

Census division and state ¹	January - March 2024	October - December 2023	January - March 2023	Year to date		Percent change
				2024	2023	
Btu	12,562	12,531	-	12,562	-	-
Sulfur	0.50	0.53	-	0.50	-	-
Ash	10.97	10.06	-	10.97	-	-
Montana						
Wyoming						
Btu	11,562	11,609	11,465	11,562	11,465	0.8
Sulfur	0.51	0.46	0.45	0.51	0.45	13.3
Ash	10.22	10.67	11.70	10.22	11.70	-12.6
Pacific						
Btu	7,569	7,582	7,603	7,569	7,603	-0.4
Sulfur	0.33	0.15	0.12	0.33	0.12	175.1
Ash	5.41	6.30	5.33	5.41	5.33	1.4
Alaska						
Btu	7,569	7,582	7,603	7,569	7,603	-0.4
Sulfur	0.33	0.15	0.12	0.33	0.12	175.1
Ash	5.41	6.30	5.33	5.41	5.33	1.4
U.S. Total						
Btu	8,730	8,745	8,883	8,730	8,883	-1.7
Sulfur	0.88	0.65	0.82	0.88	0.82	7.2
Ash	6.40	6.88	6.44	6.40	6.44	-0.6

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

- = No data reported.

Source: U.S. Energy Information Administration (EIA), Form EIA-3, 'Quarterly Survey of Industrial, Commercial & Institutional Coal Users.'