

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

Census division and state ¹	October - December 2024	July - September 2024	October - December 2023	Year to date		Percent change
				2024	2023	
Middle Atlantic						
Btu	-	-	13,831	12,216	12,385	-1.4
Sulfur	-	-	1.26	0.79	0.70	12.3
Ash	-	-	5.68	8.85	8.29	6.7
Pennsylvania						
Btu	-	-	13,831	12,216	12,385	-1.4
Sulfur	-	-	1.26	0.79	0.70	12.3
Ash	-	-	5.68	8.85	8.29	6.7
East North Central						
Btu	11,099	11,062	11,158	11,108	11,147	-0.4
Sulfur	3.22	2.92	2.96	3.01	3.01	-0.2
Ash	10.55	10.64	9.75	10.38	9.87	5.2
Illinois						
Btu	11,089	11,028	11,192	11,097	11,121	-0.2
Sulfur	3.27	3.29	3.11	3.25	3.12	4.2
Ash	10.52	10.86	9.71	10.47	9.90	5.8
Indiana						
Btu	11,220	11,170	11,075	11,162	11,234	-0.6
Sulfur	2.63	1.78	2.61	1.78	2.64	-32.5
Ash	10.91	9.96	9.84	9.98	9.78	2.0
West North Central						
Btu	8,994	11,530	9,608	9,994	10,098	-1.0
Sulfur	0.45	2.25	1.02	1.47	1.25	18.2
Ash	6.61	8.15	7.83	7.21	6.72	7.3
Iowa						
Btu	-	11,530	9,454	10,964	10,880	0.8
Sulfur	-	2.25	0.87	2.45	1.85	32.0
Ash	-	8.15	7.15	7.14	7.67	-7.0
Minnesota						
Btu	9,480	-	-	9,463	9,496	-0.3
Sulfur	0.36	-	-	0.35	0.32	9.6
Ash	4.14	-	-	4.02	4.18	-3.9
Missouri						
Btu	-	-	11,325	11,301	11,322	-0.2
Sulfur	-	-	2.46	3.06	2.87	6.8
Ash	-	-	11.21	9.22	9.53	-3.3
North Dakota						
Btu	8,966	-	8,820	8,976	9,035	-0.7
Sulfur	0.45	-	0.37	0.43	0.34	26.0
Ash	6.75	-	6.43	7.03	5.39	30.6
South Atlantic						
Btu	13,170	13,141	13,099	13,153	12,981	1.3
Sulfur	1.52	1.62	1.50	1.55	1.32	17.5
Ash	7.36	8.01	7.49	7.44	7.58	-1.7
North Carolina						
Btu	13,071	13,019	13,059	13,035	12,985	0.4
Sulfur	1.77	1.73	1.61	1.79	1.51	18.1
Ash	8.08	8.54	7.79	8.20	8.46	-3.2
Virginia						
Btu	13,435	14,050	13,325	13,492	12,973	4.0
Sulfur	0.87	0.80	0.84	0.87	0.83	4.8
Ash	5.45	4.09	5.71	5.29	5.34	-0.9
Mountain						
Btu	12,045	-	11,880	11,816	10,777	9.6
Sulfur	0.47	-	0.48	0.48	0.51	-5.8
Ash	13.08	-	10.49	11.90	9.72	22.4
Colorado						

Census division and state ¹	October - December 2024	July - September 2024	October - December 2023	Year to date		Percent change
				2024	2023	
Btu	-	-	12,531	12,562	12,531	0.2
Sulfur	-	-	0.53	0.50	0.53	-5.7
Ash	-	-	10.06	10.97	10.06	9.0
Montana						
Btu	-	-	-	10,344	10,264	0.8
Sulfur	-	-	-	0.48	0.53	-9.4
Ash	-	-	-	5.76	9.03	-36.2
Wyoming						
Btu	12,045	-	11,609	11,942	11,538	3.5
Sulfur	0.47	-	0.46	0.48	0.46	5.2
Ash	13.08	-	10.67	12.47	11.17	11.6
Pacific						
Btu	7,428	7,425	7,582	7,458	7,613	-2.0
Sulfur	0.14	0.13	0.15	0.16	0.13	25.5
Ash	7.93	7.45	6.30	7.40	5.69	30.1
Alaska						
Btu	7,428	7,425	7,582	7,458	7,613	-2.0
Sulfur	0.14	0.13	0.15	0.16	0.13	25.5
Ash	7.93	7.45	6.30	7.40	5.69	30.1
U.S. Total						
Btu	8,360	9,056	8,745	8,488	8,688	-2.3
Sulfur	0.53	0.99	0.65	0.64	0.71	-10.3
Ash	8.11	8.19	6.88	7.75	6.53	18.8

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.'