Table 4a. Average Annual Coal Transportation Costs from State to State by Truck (2024 dollars per ton)

Origin State	Destination State	2008	2009	2010	2011	2012	2013	2014	2015
Alabama	Alabama	W	W	W	W	W	-	W	-
Alabama	Georgia	-	-	W	-	-	-	-	-
Alabama	Indiana	W	W	-	-	-	-	-	-
Colorado	Colorado	W	W	W	W	-	-	-	-
Colorado	Michigan	-	-	W	-	-	-	-	-
Colorado	Utah	-	-	-	-	-	-	-	-
Colorado	Wisconsin	-	-	-	-	-	-	-	-
Illinois	Florida	W	-	-	-	-	-	-	-
Illinois	Illinois	$10.97	$7.36	$5.10	$5.01	$6.61	W	W	W
Illinois	Indiana	W	W	-	-	-	-	-	-
Illinois	Kentucky	-	-	-	-	-	-	-	-
Illinois	Minnesota	W	W	-	-	-	-	-	-
Illinois	Missouri	$33.63	$31.45	$20.66	$35.03	W	W	W	W
Illinois	Ohio	-	-	-	W	-	-	-	-
Illinois	Tennessee	-	-	-	-	W	-	-	-
Illinois	Wisconsin	-	-	-	-	-	-	W	-
Indiana	Alabama	-	W	-	-	-	-	-	-
Indiana	Illinois	-	-	W	W	W	W	W	W
Indiana	Indiana	$7.10	$5.60	$6.28	$7.82	$8.59	$9.29	$8.35	$7.83
Indiana	Kentucky	-	-	-	-	-	W	W	-
Kansas	Kansas	-	-	-	W	-	-	-	W
Kansas	Missouri	W	W	W	-	-	-	-	-
Kentucky	Florida	W	W	W	-	W	-	-	-
Kentucky	Georgia	W	-	W	-	-	-	-	-
Kentucky	Illinois	W	W	W	-	-	W	W	-
Kentucky	Indiana	-	-	-	-	-	-	-	-
Kentucky	Kentucky	$6.88	$13.88	$4.65	$6.12	$3.71	$5.32	$3.15	W
Kentucky	Maryland	-	W	-	-	-	-	-	-
Kentucky	Minnesota	W	W	-	-	-	-	-	-
Kentucky	North Carolina	-	-	$47.82	-	-	W	-	-
Kentucky	Ohio	-	-	-	-	-	-	W	-
Kentucky	Pennsylvania	-	-	W	W	-	-	-	-
Kentucky	South Carolina	-	-	$47.32	-	-	-	-	-
Kentucky	Tennessee	W	-	W	W	W	-	-	-
Kentucky	Virginia	-	-	-	W	-	-	-	-
Louisiana	Louisiana	W	-	-	-	-	-	-	-
Maryland	Maryland	W	W	W	W	-	-	-	-
Maryland	West Virginia	W	-	-	-	-	-	-	-
Mississippi	Mississippi	-	-	-	-	-	-	-	-
Missouri	Kansas	W	W	W	W	W	W	W	-
Missouri	Missouri	W	W	W	W	-	-	-	-
Montana	Michigan	-	-	-	-	-	-	W	-
Montana	Minnesota	-	-	W	-	-	-	-	-
Montana	Montana	W	W	W	W	W	W	W	W
Montana	Ohio	W	-	-	-	-	-	-	-
Montana	West Virginia	W	-	-	-	-	-	-	-
New Mexico	New Mexico	-	-	-	W	W	W	W	-
North Dakota	North Dakota	W	-	-	-	-	-	W	-
Ohio	Michigan	W	W	W	W	W	W	W	W
Ohio	New Jersey	-	-	-	-	-	-	-	W
Ohio	New York	W	W	-	-	-	-	-	-
Ohio	Ohio	$11.59	$7.98	$13.79	$15.10	$16.82	$6.06	$8.80	$5.40
Ohio	Pennsylvania	W	W	W	W	W	W	W	W
Ohio	West Virginia	W	-	-	-	-	W	-	-
Oklahoma	Kansas	-	-	-	W	-	-	-	-
Oklahoma	Missouri	-	-	-	W	W	W	W	-
Oklahoma	Oklahoma	-	-	W	-	-	-	-	-
Pennsylvania	Maryland	W	W	W	W	-	-	-	-
Pennsylvania	Michigan	-	-	-	-	W	-	-	-
Pennsylvania	New Jersey	-	-	-	-	-	-	-	-
Pennsylvania	New York	$17.60	$25.40	-	W	W	-	-	-
Pennsylvania	Ohio	-	-	-	-	-	W	W	W
Pennsylvania	Pennsylvania	$7.99	$4.44	$6.45	$6.27	$6.87	$7.70	$7.39	$8.50
Pennsylvania	West Virginia	$12.68	W	W	W	-	-	-	W
Texas	Texas	W	W	$11.49	W	W	W	W	W
Utah	Alabama	W	-	-	-	-	-	-	-
Utah	California	-	W	-	-	-	-	-	-
Utah	Illinois	-	-	-	-	-	-	-	-
Utah	Utah	$3.64	$6.56	$7.39	$8.80	$9.98	$10.31	$10.48	$7.74
Virginia	Mississippi	-	W	-	-	-	-	-	-

Table 4a. Average Annual Coal Transportation Costs from State to State by Truck (2024 dollars per ton)

Origin State	Destination State	2008	2009	2010	2011	2012	2013	2014	2015
Virginia	North Carolina	W	-	W	-	-	-	-	-
Virginia	Virginia	W	W	-	-	W	-	W	-
West Virginia	Alabama	W	-	-	-	-	-	-	-
West Virginia	Kentucky	-	W	-	-	-	-	-	-
West Virginia	Maryland	-	-	-	W	-	-	-	-
West Virginia	Michigan	W	-	-	-	-	-	-	-
West Virginia	Mississippi	-	W	-	-	-	-	-	-
West Virginia	New York	-	-	-	-	-	-	-	-
West Virginia	North Carolina	-	-	$34.13	W	-	-	-	-
West Virginia	Ohio	W	-	W	W	-	-	$10.12	-
West Virginia	Pennsylvania	W	-	W	W	W	W	-	W
West Virginia	South Carolina	-	-	W	-	-	-	-	-
West Virginia	Tennessee	-	-	-	-	-	-	-	W
West Virginia	Virginia	-	-	-	-	-	W	W	-
West Virginia	West Virginia	$9.16	$5.25	$5.30	$7.35	W	$4.79	$4.09	$4.06
Wyoming	Arkansas	-	-	-	-	-	-	-	-
Wyoming	Colorado	W	-	-	-	-	-	-	-
Wyoming	Georgia	-	-	W	-	-	-	-	-
Wyoming	Illinois	W	$14.39	$36.27	W	-	-	-	-
Wyoming	Iowa	-	W	-	-	-	-	-	-
Wyoming	Kansas	-	W	-	-	-	-	-	-
Wyoming	Missouri	-	W	-	-	-	-	-	-
Wyoming	Nebraska	-	W	-	-	-	-	-	-
Wyoming	Ohio	-	-	-	W	-	-	$7.38	-
Wyoming	Oklahoma	W	-	-	-	-	-	-	-
Wyoming	South Dakota	W	W	W	W	-	-	-	-
Wyoming	Tennessee	-	W	-	-	-	-	-	-
Wyoming	Texas	W	-	-	-	-	-	-	-
Wyoming	West Virginia	W	-	-	-	-	-	-	-
Wyoming	Wyoming	-	W	-	-	-	-	W	-

Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

W = Withheld to avoid disclosure of individual company data.

Notes: Rates are based on a weighted average of the difference between the commodity cost and total delivered cost of coal shipments to plants in the electric power sector. In addition, the rates are based on the primary transport mode selected by a plant's owner or operator so may include other secondary or tertiary modes. Values are presented in 2024 dollars. For the composition of coal basins, refer to the definition of "coal-producing regions" in EIA's glossary at www.eia.gov/tools/glossary.

Table 4a. Average Annual Coal Transportation Costs from State to State by Truck (2024 dollars per ton)

Origin State		2016	2017	2018	2019	2020	2021	2022	2023	2024
Alabama	Alabama	-	-	-	-	-	-	-	-	-
Alabama	Georgia	-	-	-	-	-	-	-	-	-
Alabama	Indiana	-	-	-	-	-	-	-	-	-
Colorado	Colorado	W	W	W	-	-	-	-	-	-
Colorado	Michigan	-	-	-	-	-	-	-	-	-
Colorado	Utah	-	-	-	-	-	-	W	W	W
Colorado	Wisconsin	W	-	-	-	-	-	-	-	-
Illinois	Florida	-	-	-	-	-	-	-	-	-
Illinois	Illinois	W	W	W	W	W	W	W	W	W
Illinois	Indiana	-	-	-	-	-	W	W	-	-
Illinois	Kentucky	-	-	-	W	-	-	-	-	-
Illinois	Minnesota	-	-	-	-	-	-	-	-	-
Illinois	Missouri	-	-	-	-	-	-	-	-	-
Illinois	Ohio	-	-	-	-	-	-	-	-	-
Illinois	Tennessee	-	-	-	-	-	-	-	-	-
Illinois	Wisconsin	-	W	W	-	-	-	-	-	-
Indiana	Alabama	-	-	-	-	-	-	-	-	-
Indiana	Illinois	-	-	-	-	-	-	-	W	-
Indiana	Indiana	$8.08	$9.41	$9.89	$9.30	W	W	$13.75	$12.51	W
Indiana	Kentucky	-	-	W	-	-	W	-	-	-
Kansas	Kansas	-	-	-	-	-	-	-	-	-
Kansas	Missouri	-	-	-	-	-	-	-	-	-
Kentucky	Florida	-	-	-	-	-	-	-	-	-
Kentucky	Georgia	-	-	-	-	-	-	-	-	-
Kentucky	Illinois	W	W	-	W	-	-	-	-	-
Kentucky	Indiana	-	-	-	-	-	-	W	-	-
Kentucky	Kentucky	$3.62	W	$3.91	$2.83	W	W	W	W	W
Kentucky	Maryland	-	-	-	-	-	-	-	-	-
Kentucky	Minnesota	-	-	-	-	-	-	-	-	-
Kentucky	North Carolina	-	-	-	W	-	-	-	-	-
Kentucky	Ohio	-	-	-	-	-	-	-	-	-
Kentucky	Pennsylvania	-	-	-	-	-	-	-	-	-
Kentucky	South Carolina	-	-	-	-	-	W	-	W	-
Kentucky	Tennessee	-	-	-	-	-	-	-	-	-
Kentucky	Virginia	-	W	-	W	-	-	-	-	-
Louisiana	Louisiana	-	-	-	-	-	-	-	-	-
Maryland	Maryland	-	W	W	W	W	W	W	W	W
Maryland	West Virginia	-	-	-	-	-	-	-	-	-
Mississippi	Mississippi	-	-	-	-	-	-	W	-	-
Missouri	Kansas	-	-	-	-	-	-	-	-	-
Missouri	Missouri	-	-	-	-	-	-	-	-	-
Montana	Michigan	-	-	-	-	-	-	-	-	-
Montana	Minnesota	-	-	-	-	-	-	-	-	-
Montana	Montana	W	W	W	W	W	W	W	W	W
Montana	Ohio	-	-	-	-	-	-	-	-	-
Montana	West Virginia	-	-	-	-	-	-	-	-	-
New Mexico	New Mexico	-	-	-	W	W	W	W	-	W
North Dakota	North Dakota	-	-	-	-	-	-	W	-	-
Ohio	Michigan	W	-	-	-	-	-	-	-	-
Ohio	New Jersey	-	-	-	-	-	W	-	-	-
Ohio	New York	-	-	-	-	-	-	-	-	-
Ohio	Ohio	W	W	W	W	W	W	W	W	W
Ohio	Pennsylvania	-	-	-	-	-	-	-	-	-
Ohio	West Virginia	-	-	-	-	-	-	-	-	-
Oklahoma	Kansas	-	-	-	-	-	-	-	-	-
Oklahoma	Missouri	-	-	-	-	-	-	-	-	-
Oklahoma	Oklahoma	-	-	-	W	W	-	-	-	-
Pennsylvania	Maryland	-	-	-	-	-	W	-	-	-
Pennsylvania	Michigan	-	-	-	-	-	-	-	-	-
Pennsylvania	New Jersey	-	-	-	-	-	W	-	-	-
Pennsylvania	New York	-	-	-	-	-	-	-	-	-
Pennsylvania	Ohio	W	W	-	-	-	-	-	-	-
Pennsylvania	Pennsylvania	$9.17	$10.41	$12.90	$9.76	$8.53	$11.32	$13.41	$8.71	$7.55
Pennsylvania	West Virginia	W	-	-	-	-	W	W	W	W
Texas	Texas	-	W	W	W	W	W	-	-	-
Utah	Alabama	-	-	-	-	-	-	-	-	-
Utah	California	-	-	-	-	-	-	-	-	-
Utah	Illinois	-	-	-	-	-	-	-	-	W
Utah	Utah	$7.63	$8.18	$7.68	$6.37	$6.46	$6.78	$7.26	$7.30	W
Virginia	Mississippi	-	-	-	-	-	-	-	-	-

Table 4a. Average Annual Coal Transportation Costs from State to State by Truck (2024 dollars per ton)

Origin State		2016	2017	2018	2019	2020	2021	2022	2023	2024
Virginia	North Carolina	-	-	-	-	-	-	-	-	-
Virginia	Virginia	-	-	-	-	-	W	W	W	W
West Virginia	Alabama	-	-	-	-	-	-	-	-	-
West Virginia	Kentucky	-	-	-	-	-	-	-	-	-
West Virginia	Maryland	-	W	-	-	-	W	W	-	-
West Virginia	Michigan	-	-	-	-	-	-	-	-	-
West Virginia	Mississippi	-	-	-	-	-	-	-	-	-
West Virginia	New York	-	-	-	W	-	-	-	-	-
West Virginia	North Carolina	-	-	-	-	-	-	-	-	-
West Virginia	Ohio	-	-	-	-	-	-	-	-	-
West Virginia	Pennsylvania	W	-	-	W	-	-	W	-	-
West Virginia	South Carolina	-	-	-	-	-	-	-	W	-
West Virginia	Tennessee	-	-	-	-	-	-	-	-	-
West Virginia	Virginia	-	-	-	W	-	-	-	-	-
West Virginia	West Virginia	W	W	$7.39	W	W	W	W	W	W
Wyoming	Arkansas	-	-	-	-	-	-	-	-	W
Wyoming	Colorado	-	-	-	-	-	-	-	-	-
Wyoming	Georgia	-	-	-	-	-	-	-	-	-
Wyoming	Illinois	-	-	-	W	-	-	W	-	-
Wyoming	Iowa	-	-	-	-	-	-	-	-	-
Wyoming	Kansas	-	-	-	-	-	-	-	-	-
Wyoming	Missouri	-	-	-	-	-	-	-	-	-
Wyoming	Nebraska	-	-	-	-	-	-	-	-	-
Wyoming	Ohio	-	-	-	-	-	-	-	-	-
Wyoming	Oklahoma	-	-	-	-	-	W	-	-	-
Wyoming	South Dakota	-	-	W	-	-	-	-	-	-
Wyoming	Tennessee	-	-	-	-	-	-	-	-	-
Wyoming	Texas	-	-	-	-	-	-	-	-	-
Wyoming	West Virginia	-	-	-	-	-	-	-	-	-
Wyoming	Wyoming	-	-	-	-	-	-	-	-	W

Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

W = Withheld to avoid disclosure of individual company data.

Notes: Rates are based on a weighted average of the difference between the commodity cost and total delivered cost of coal shipments to plants in the electric power sector. In addition, the rates are based on the primary transport mode selected by a plant's owner or operator so may include other secondary or tertiary modes. Values are presented in 2024 dollars. For the composition of coal basins, refer to the definition of "coal-producing regions" in EIA's glossary at www.eia.gov/tools/glossary.