

**Table 1. Average Transportation and Delivered Costs of Coal, By Year and Primary Transport Mode
(2022 dollars per ton)**

Year	Average Transportation Cost of Coal (Dollars per Ton)	Average Delivered Cost of Coal (Dollars per Ton)	Transportation Cost Share of Delivered Cost (Percent)
Railroad			
2008	21.45	52.47	40.9%
2009	20.10	54.97	36.6%
2010	21.56	55.57	38.8%
2011	23.48	57.76	40.7%
2012	23.96	56.12	42.7%
2013	24.28	53.08	45.7%
2014	24.27	52.32	46.4%
2015	22.78	48.19	47.3%
2016	21.69	45.91	47.3%
2017	21.79	43.68	49.9%
2018	21.57	42.74	50.5%
2019	20.22	40.77	49.6%
2020	17.88	36.94	48.4%
2021	19.15	37.06	51.7%
Waterway			
2008	8.08	64.96	12.4%
2009	7.66	72.43	10.6%
2010	7.72	69.81	11.1%
2011	7.63	70.77	10.8%
2012	6.48	69.44	9.3%
2013	6.50	66.25	9.8%
2014	6.77	65.52	10.3%
2015	5.75	62.22	9.2%
2016	5.36	57.94	9.3%
2017	4.93	52.70	9.3%
2018	5.03	50.44	10.0%
2019	4.77	50.15	9.5%
2020	5.02	48.99	10.2%
2021	5.37	45.40	11.8%

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(2022 dollars per ton)**

Year	Average Transportation Cost of Coal (Dollars per Ton)	Average Delivered Cost of Coal (Dollars per Ton)	Transportation Cost Share of Delivered Cost (Percent)
Truck			
2008	7.57	49.62	15.3%
2009	6.25	48.11	13.0%
2010	7.15	53.20	13.4%
2011	6.51	57.09	11.4%
2012	7.05	60.19	11.7%
2013	7.43	55.90	13.3%
2014	7.11	56.70	12.5%
2015	6.60	52.61	12.5%
2016	6.24	41.33	15.1%
2017	6.73	40.34	16.7%
2018	7.43	39.77	18.7%
2019	6.12	39.09	15.6%
2020	5.74	36.49	15.7%
2021	6.74	36.33	18.6%
US Total[1]			
2008	18.87	53.10	35.5%
2009	17.54	56.18	31.2%
2010	18.66	56.76	32.9%
2011	20.25	58.85	34.4%
2012	20.24	57.48	35.2%
2013	20.44	54.64	37.4%
2014	21.19	54.56	38.8%
2015	19.34	50.07	38.6%
2016	18.12	47.42	38.2%
2017	18.03	44.05	40.9%
2018	17.72	42.94	41.3%
2019	16.60	41.34	40.2%
2020	14.59	37.91	38.5%
2021	15.91	37.61	42.3%

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

W = Withheld to avoid disclosure of individual company data.

¹ Includes a small number of shipments in categories other than railroad, waterway or truck.

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 nominal 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.