

**Table 2. Real Average Annual Coal Transportation Costs, By Primary Transport Mode and Supply Region  
(2017 dollars per ton)**

Coal Supply Region	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 (Preliminary)
<b>Railroad</b>												
Northern Appalachia	17.22	17.77	18.72	20.20	21.70	22.71	21.62	21.24	20.63	19.74	18.66	15.35
Central Appalachia	23.82	22.62	24.24	24.13	24.40	25.22	25.00	23.53	22.25	22.76	22.73	18.20
Southern Appalachia	18.09	16.23	17.72	W	W	W	W	W	W	-	W	W
Illinois Basin	8.75	9.60	12.40	15.78	16.34	16.11	15.76	16.73	15.84	16.12	15.23	14.51
Powder River Basin	19.16	17.98	19.41	21.67	22.32	22.93	22.98	21.36	20.33	20.41	20.33	19.49
Uinta Region	28.14	21.02	22.74	21.84	20.39	16.37	16.66	12.04	13.33	12.17	10.70	9.72
<b>Railroad Total [1]</b>	<b>19.55</b>	<b>18.32</b>	<b>19.73</b>	<b>21.48</b>	<b>21.87</b>	<b>22.16</b>	<b>22.07</b>	<b>20.75</b>	<b>19.73</b>	<b>19.77</b>	<b>19.53</b>	<b>18.34</b>
<b>Waterway</b>												
Northern Appalachia	5.64	4.92	4.18	4.35	4.11	4.26	4.70	3.76	3.69	3.70	3.76	3.58
Central Appalachia	7.95	7.44	6.45	6.13	5.96	6.94	6.49	7.07	6.06	4.96	4.51	4.71
Southern Appalachia	4.92	4.78	5.11	4.01	W	4.77	W	W	W	-	-	-
Illinois Basin	7.73	7.37	8.03	8.81	7.94	7.49	7.30	6.51	5.99	5.56	5.73	5.41
Powder River Basin	12.52	13.01	22.20	21.24	-	-	19.33	W	W	W	-	-
Uinta Region	13.25	12.01	40.47	W	-	-	-	W	W	-	-	-
<b>Waterway Total [1]</b>	<b>7.51</b>	<b>7.00</b>	<b>7.05</b>	<b>6.95</b>	<b>5.92</b>	<b>5.97</b>	<b>6.18</b>	<b>5.25</b>	<b>4.88</b>	<b>4.54</b>	<b>4.60</b>	<b>4.36</b>
<b>Truck</b>												
Northern Appalachia	7.90	4.90	5.76	6.22	6.48	6.20	6.32	6.92	6.86	7.66	9.65	7.98
Central Appalachia	24.05	20.25	33.31	W	W	18.83	8.63	W	W	W	W	W
Southern Appalachia	0.91	W	W	W	W	-	W	-	-	-	-	-
Illinois Basin	6.98	5.07	5.21	5.92	5.88	6.82	6.34	5.65	4.98	5.33	5.21	4.50
Powder River Basin	12.19	9.56	19.32	7.17	W	W	5.35	W	W	W	W	W
Uinta Region	3.13	4.98	5.33	5.49	6.52	6.31	6.81	5.66	4.84	W	W	W
<b>Truck Total [1]</b>	<b>6.97</b>	<b>5.68</b>	<b>6.54</b>	<b>5.95</b>	<b>6.40</b>	<b>6.74</b>	<b>6.45</b>	<b>6.09</b>	<b>5.66</b>	<b>6.10</b>	<b>6.74</b>	<b>5.56</b>

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

W = Withheld to avoid disclosure of individual company data.

<sup>1</sup> Value for Dollars per Ton reflects weighted average of all shipments; Value for Number of Shipments reflects sum of shipments.

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 2017 dollars and were converted using the Implicit Price Deflators for Gross Domestic Product, as published by the U.S. Bureau of Economic Analysis. For the composition of coal basins, refer to the definition of "coal-producing regions" in EIA's glossary at [www.eia.gov/tools/glossary](http://www.eia.gov/tools/glossary).