

Table 11. Estimated rail transportation rates for coal, basin to state, STB data

Basin	Destination State	Nominal dollars per ton-mile									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Northern Appalachian Basin	Delaware	W	W	\$0.0323	\$0.0284	W	-	W	W	-	-	-
Northern Appalachian Basin	Florida	\$0.0146	W	W	W	W	\$0.0223	W	W	W	W	W
Northern Appalachian Basin	Illinois	W	W	-	-	-	-	-	-	-	-	-
Northern Appalachian Basin	Indiana	W	W	W	W	W	W	W	W	W	W	W
Northern Appalachian Basin	Kentucky	-	-	W	W	-	-	-	-	-	-	-
Northern Appalachian Basin	Maryland	\$0.0269	\$0.0255	\$0.0275	\$0.0299	\$0.0325	\$0.0339	\$0.0380	\$0.0490	\$0.0468	7.2	-4.3
Northern Appalachian Basin	Massachusetts	W	W	-	-	-	-	-	-	-	-	-
Northern Appalachian Basin	Michigan	\$0.0174	\$0.0186	W	\$0.0182	W	W	W	W	\$0.0269	5.6	W
Northern Appalachian Basin	New Hampshire	W	W	W	W	W	W	W	W	W	W	W
Northern Appalachian Basin	New Jersey	W	W	W	W	W	W	W	W	W	W	W
Northern Appalachian Basin	New York	\$0.0364	\$0.0335	\$0.0302	\$0.0332	\$0.0387	\$0.0410	\$0.0440	\$0.0409	\$0.0457	2.9	11.8
Northern Appalachian Basin	North Carolina	W	-	-	-	W	W	W	W	\$0.0283	W	W
Northern Appalachian Basin	Ohio	\$0.0306	\$0.0340	\$0.0343	\$0.0418	\$0.0457	\$0.0457	\$0.0494	\$0.0518	\$0.0497	6.2	-4.2
Northern Appalachian Basin	Pennsylvania	\$0.0386	\$0.0554	\$0.0508	\$0.0465	\$0.0439	\$0.0534	\$0.0528	\$0.0516	\$0.0494	3.1	-4.3
Northern Appalachian Basin	South Carolina	W	W	W	\$0.0186	\$0.0189	W	W	W	W	W	W
Northern Appalachian Basin	Tennessee	-	W	W	-	-	-	W	-	-	-	-
Northern Appalachian Basin	Virginia	W	W	W	-	-	-	-	-	W	W	-
Northern Appalachian Basin	West Virginia	W	W	W	\$0.0323	W	\$0.0444	\$0.0388	\$0.0427	W	W	W
Northern Appalachian Basin	Wisconsin	W	-	-	-	-	-	-	-	W	W	-
Central Appalachian Basin	Alabama	W	W	W	W	W	\$0.0342	W	\$0.0395	W	W	W
Central Appalachian Basin	Delaware	\$0.0287	\$0.0283	\$0.0279	\$0.0345	\$0.0380	\$0.0413	\$0.0386	\$0.0384	\$0.0383	3.6	-0.2
Central Appalachian Basin	Florida	\$0.0224	\$0.0209	\$0.0207	\$0.0201	\$0.0239	\$0.0248	\$0.0221	\$0.0330	\$0.0269	2.3	-18.4
Central Appalachian Basin	Georgia	\$0.0306	\$0.0331	\$0.0474	\$0.0488	\$0.0433	\$0.0464	\$0.0598	\$0.0538	\$0.0531	7.2	-1.2
Central Appalachian Basin	Illinois	W	W	W	W	W	W	W	W	-	-	-
Central Appalachian Basin	Indiana	W	W	W	W	W	W	W	W	W	W	W
Central Appalachian Basin	Kentucky	W	W	W	W	W	W	W	W	W	W	W
Central Appalachian Basin	Maine	-	-	-	-	W	-	-	-	-	-	-
Central Appalachian Basin	Maryland	W	\$0.0276	W	W	W	W	W	W	\$0.0394	W	W
Central Appalachian Basin	Massachusetts	W	W	W	W	-	-	-	-	-	-	-

Basin	Destination State	Nominal dollars per ton-mile									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Central Appalachian Basin	Michigan	\$0.0228	\$0.0251	\$0.0250	\$0.0302	\$0.0317	\$0.0366	\$0.0367	\$0.0351	\$0.0363	6.0	3.4
Central Appalachian Basin	Mississippi	W	W	W	W	W	W	W	W	W	W	W
Central Appalachian Basin	Missouri	W	W	W	W	W	W	W	W	W	W	W
Central Appalachian Basin	New Hampshire	W	W	W	W	W	W	W	W	W	W	W
Central Appalachian Basin	New Jersey	W	W	W	W	W	W	W	W	-	-	-
Central Appalachian Basin	New York	\$0.0222	\$0.0217	\$0.0211	\$0.0226	\$0.0262	\$0.0363	\$0.0422	\$0.0378	\$0.0354	6.0	-6.2
Central Appalachian Basin	North Carolina	\$0.0307	\$0.0410	\$0.0404	\$0.0395	\$0.0467	\$0.0548	\$0.0579	\$0.0567	\$0.0517	6.7	-8.7
Central Appalachian Basin	Ohio	\$0.0333	\$0.0324	\$0.0371	\$0.0423	\$0.0435	\$0.0417	\$0.0509	\$0.0467	\$0.0423	3.0	-9.4
Central Appalachian Basin	Oklahoma	-	-	-	-	-	-	-	W	-	-	-
Central Appalachian Basin	Pennsylvania	\$0.0268	\$0.0265	W	\$0.0355	\$0.0436	\$0.0553	\$0.0652	\$0.0445	W	W	W
Central Appalachian Basin	South Carolina	\$0.0185	\$0.0175	\$0.0200	\$0.0208	\$0.0232	\$0.0228	\$0.0229	\$0.0208	\$0.0263	4.5	26.5
Central Appalachian Basin	Tennessee	\$0.0375	\$0.0337	\$0.0377	\$0.0478	\$0.0455	\$0.0423	\$0.0472	\$0.0496	\$0.0668	7.5	34.7
Central Appalachian Basin	Virginia	\$0.0259	\$0.0259	\$0.0297	\$0.0378	\$0.0448	\$0.0535	\$0.0479	\$0.0429	\$0.0384	5.0	-10.5
Central Appalachian Basin	West Virginia	W	W	\$0.0457	\$0.0436	\$0.0511	\$0.0562	W	\$0.0770	\$0.0966	W	25.5
Central Appalachian Basin	Wisconsin	W	-	W	-	-	-	-	-	-	-	-
Southern Appalachian Basin	Alabama	W	W	W	W	W	W	W	W	W	W	W
Southern Appalachian Basin	Georgia	W	W	W	W	W	W	W	W	W	W	W
Southern Appalachian Basin	Illinois	-	-	-	-	-	W	W	W	W	-	W
Illinois Basin	Alabama	W	W	W	W	W	W	W	W	W	W	W
Illinois Basin	Florida	W	W	W	W	W	W	W	W	W	W	W
Illinois Basin	Georgia	-	-	W	W	W	W	-	-	-	-	-
Illinois Basin	Illinois	\$0.0350	\$0.0366	W	W	W	W	W	W	W	W	W
Illinois Basin	Indiana	\$0.0579	\$0.0701	\$0.0734	\$0.0816	\$0.0874	\$0.0557	\$0.0658	\$0.0605	\$0.0638	1.2	5.4
Illinois Basin	Iowa	W	W	W	W	W	W	W	W	W	W	W
Illinois Basin	Kentucky	W	W	W	W	W	W	W	W	W	W	W
Illinois Basin	Minnesota	W	W	W	W	W	W	W	-	-	-	-
Illinois Basin	Missouri	W	W	W	W	W	W	-	-	W	W	-
Illinois Basin	New York	-	-	-	W	W	-	-	-	-	-	-
Illinois Basin	Wisconsin	W	W	W	\$0.0307	W	W	W	W	W	W	W
Powder River Basin	Alabama	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Arizona	W	W	W	W	W	\$0.0142	\$0.0147	\$0.0150	W	W	W

Basin	Destination State	Nominal dollars per ton-mile									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Powder River Basin	Arkansas	W	W	W	\$0.0119	W	W	W	W	W	W	W
Powder River Basin	Colorado	\$0.0168	\$0.0165	\$0.0175	\$0.0168	\$0.0172	\$0.0208	\$0.0221	\$0.0217	\$0.0231	4.0	6.4
Powder River Basin	Delaware	-	-	-	W	W	W	-	-	-	-	-
Powder River Basin	Georgia	-	-	-	W	W	-	-	-	-	-	-
Powder River Basin	Illinois	\$0.0101	\$0.0106	\$0.0173	\$0.0080	\$0.0093	\$0.0103	\$0.0106	\$0.0118	\$0.0126	2.8	7.2
Powder River Basin	Indiana	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Iowa	\$0.0109	\$0.0105	\$0.0100	\$0.0113	\$0.0102	\$0.0096	\$0.0099	\$0.0106	\$0.0107	-0.3	0.3
Powder River Basin	Kansas	\$0.0208	\$0.0195	\$0.0188	\$0.0192	\$0.0204	\$0.0210	\$0.0211	\$0.0187	\$0.0188	-1.3	0.8
Powder River Basin	Kentucky	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Louisiana	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Maryland	-	-	-	-	-	-	-	W	W	-	W
Powder River Basin	Michigan	-	W	W	\$0.0037	\$0.0043	\$0.0050	\$0.0050	\$0.0152	\$0.0147	-	-2.7
Powder River Basin	Minnesota	\$0.0112	\$0.0114	\$0.0122	\$0.0123	\$0.0127	\$0.0131	\$0.0174	\$0.0177	\$0.0176	5.8	-0.9
Powder River Basin	Mississippi	-	-	-	W	W	W	W	W	W	-	W
Powder River Basin	Missouri	\$0.0107	\$0.0096	\$0.0093	\$0.0098	\$0.0106	\$0.0108	\$0.0130	\$0.0134	\$0.0126	2.1	-5.8
Powder River Basin	Montana	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Nebraska	\$0.0112	\$0.0107	\$0.0108	\$0.0127	\$0.0132	\$0.0140	\$0.0140	\$0.0132	\$0.0166	5.0	25.5
Powder River Basin	Nevada	-	-	-	-	-	-	-	-	W	-	-
Powder River Basin	New Hampshire	W	-	-	-	-	-	-	-	-	-	-
Powder River Basin	New Jersey	-	-	-	W	W	W	W	W	-	-	-
Powder River Basin	New York	-	W	W	W	W	\$0.0224	W	W	W	-	W
Powder River Basin	North Carolina	-	-	-	-	-	-	-	W	-	-	-
Powder River Basin	North Dakota	W	W	\$0.0213	\$0.0195	\$0.0209	W	W	W	W	W	W
Powder River Basin	Ohio	-	-	-	W	W	\$0.0266	W	\$0.0222	\$0.0230	-	3.5
Powder River Basin	Oklahoma	\$0.0119	\$0.0101	\$0.0092	\$0.0113	\$0.0114	\$0.0120	\$0.0128	\$0.0126	\$0.0165	4.2	31.5
Powder River Basin	South Dakota	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Texas	\$0.0109	\$0.0110	\$0.0102	\$0.0102	\$0.0109	\$0.0108	\$0.0111	\$0.0114	\$0.0112	0.3	-1.4
Powder River Basin	Utah	-	-	-	W	W	-	-	W	W	-	W
Powder River Basin	Washington	W	W	W	W	W	W	W	W	W	W	W
Powder River Basin	Wisconsin	\$0.0107	\$0.0106	\$0.0099	\$0.0106	\$0.0116	\$0.0130	\$0.0147	\$0.0149	\$0.0147	4.1	-1.1
Powder River Basin	Wyoming	W	W	W	W	W	W	W	W	W	W	W

Basin	Destination State	Nominal dollars per ton-mile									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Uinta (Colorado-Utah) Basin	Alabama	-	W	W	W	W	W	W	W	W	-	W
Uinta (Colorado-Utah) Basin	Arizona	W	W	W	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Arkansas	-	-	-	-	W	W	W	W	-	-	-
Uinta (Colorado-Utah) Basin	California	W	W	W	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Colorado	\$0.0431	\$0.0403	\$0.0385	\$0.0463	\$0.0478	\$0.0623	\$0.0646	\$0.0652	\$0.0654	5.3	0.3
Uinta (Colorado-Utah) Basin	Delaware	-	-	-	-	W	W	W	W	-	-	-
Uinta (Colorado-Utah) Basin	Georgia	-	-	W	W	W	W	W	W	-	-	-
Uinta (Colorado-Utah) Basin	Idaho	W	W	W	W	W	W	W	-	W	W	-
Uinta (Colorado-Utah) Basin	Illinois	W	W	W	W	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Iowa	\$0.0124	W	W	W	W	W	W	-	W	W	-
Uinta (Colorado-Utah) Basin	Kansas	W	W	W	W	W	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Kentucky	W	W	W	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Massachusetts	-	-	-	W	W	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Michigan	-	-	-	W	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Minnesota	W	-	-	-	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Mississippi	W	W	W	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Missouri	W	W	W	W	W	W	W	W	-	-	-
Uinta (Colorado-Utah) Basin	Nevada	W	W	W	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	New Jersey	W	-	-	-	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	New York	W	-	W	-	W	W	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Ohio	-	-	W	W	W	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Oklahoma	-	W	-	W	W	W	W	W	W	-	W
Uinta (Colorado-Utah) Basin	Oregon	W	W	W	W	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Tennessee	-	-	W	-	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Texas	W	W	W	W	W	W	W	W	-	-	-
Uinta (Colorado-Utah) Basin	Utah	W	W	W	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Washington	W	W	W	-	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Wisconsin	W	-	-	-	-	-	-	-	-	-	-

- = No waybills sampled

W = Data Withheld

Source: The Surface Transportation Board's 900-Byte Carload Waybill Sample