

**Table 21. Estimated rail transportation rates for coal, basin to state, 2008**  
comparison of EIA and STB data

Origin Basin	Destination State	Transportation cost per short ton (nominal)		Percent difference EIA vs. STB	Total delivered cost per short ton (nominal) EIA	Percent transportation cost is of total delivered cost EIA	Shipments (1,000 short tons) EIA	Shipments with transportation rates over total shipments (percent)	
		STB	EIA					STB	EIA
Northern Appalachian Basin	Delaware	W	\$28.49	W	\$131.87	21.6%	59	W	100.0%
Northern Appalachian Basin	Florida	W	-	-	-	-	-	-	-
Northern Appalachian Basin	Indiana	W	\$20.35	W	\$64.82	31.4%	1,715	W	75.9%
Northern Appalachian Basin	Maryland	\$19.73	\$19.64	-0.4%	\$81.15	24.2%	4,650	24.8%	99.3%
Northern Appalachian Basin	Michigan	W	\$14.02	W	\$76.22	18.4%	713	W	100.0%
Northern Appalachian Basin	New Hampshire	W	\$43.43	W	\$90.90	47.8%	499	W	89.6%
Northern Appalachian Basin	New Jersey	W	\$27.19	W	\$74.81	36.3%	1,864	W	44.1%
Northern Appalachian Basin	New York	\$20.08	\$15.26	-24.0%	\$53.68	28.4%	3,726	39.2%	79.1%
Northern Appalachian Basin	North Carolina	W	\$18.41	W	\$61.66	29.9%	1,509	W	93.2%
Northern Appalachian Basin	Ohio	\$11.96	\$13.86	15.9%	\$53.68	25.8%	1,573	73.8%	68.3%
Northern Appalachian Basin	Pennsylvania	\$14.45	\$16.10	11.4%	\$60.47	26.6%	20,702	34.2%	58.7%
Northern Appalachian Basin	South Carolina	W	\$13.23	W	\$50.01	26.5%	2,378	W	96.1%
Northern Appalachian Basin	Virginia	-	\$20.14	-	\$73.11	27.5%	20	-	100.0%
Northern Appalachian Basin	West Virginia	\$9.19	\$11.12	20.9%	\$57.56	19.3%	1,315	49.6%	90.9%
Northern Appalachian Basin	Wisconsin	-	W	-	W	W	W	-	W
Central Appalachian Basin	Alabama	\$26.18	\$26.10	-0.3%	\$118.06	22.1%	930	37.4%	100.0%
Central Appalachian Basin	Delaware	\$23.73	\$15.12	-36.3%	\$88.59	17.1%	1,811	40.8%	24.2%
Central Appalachian Basin	Florida	\$34.94	\$28.09	-19.6%	\$83.80	33.5%	8,063	20.9%	99.9%
Central Appalachian Basin	Georgia	\$23.98	\$24.84	3.6%	\$85.12	29.2%	21,907	39.0%	98.3%
Central Appalachian Basin	Illinois	W	-	-	-	-	-	-	-
Central Appalachian Basin	Indiana	W	\$14.03	W	\$95.25	14.7%	1,048	W	30.3%
Central Appalachian Basin	Kentucky	W	\$13.58	W	\$72.04	18.9%	2,524	W	96.5%
Central Appalachian Basin	Maryland	W	\$22.71	W	\$117.08	19.4%	4,336	W	99.8%

Origin Basin	Destination State	Transportation cost per short ton (nominal)		Percent difference EIA vs. STB	Total delivered cost per short ton (nominal) EIA	Percent transportation cost is of total delivered cost EIA	Shipments (1,000 short tons) EIA	Shipments with transportation rates over total shipments (percent)	
		STB	EIA					STB	EIA
Central Appalachian Basin	Massachusetts	-	W	-	W	W	W	-	W
Central Appalachian Basin	Michigan	\$14.70	\$15.19	3.4%	\$66.77	22.7%	6,482	41.2%	91.1%
Central Appalachian Basin	Mississippi	W	\$29.57	W	\$83.78	35.3%	1,059	W	100.0%
Central Appalachian Basin	Missouri	W	W	W	W	W	W	W	W
Central Appalachian Basin	New Hampshire	W	W	W	W	W	W	W	W
Central Appalachian Basin	New Jersey	W	\$29.68	W	\$95.09	31.2%	1,144	W	66.7%
Central Appalachian Basin	New York	\$27.67	\$28.60	3.4%	\$83.22	34.4%	239	56.2%	66.5%
Central Appalachian Basin	North Carolina	\$24.82	\$22.93	-7.6%	\$80.52	28.5%	28,586	36.2%	93.0%
Central Appalachian Basin	Ohio	\$14.60	\$19.66	34.6%	\$61.97	31.7%	1,203	80.9%	100.0%
Central Appalachian Basin	Oklahoma	W	-	-	-	-	-	-	-
Central Appalachian Basin	Pennsylvania	\$24.45	\$25.15	2.9%	\$74.80	33.6%	1,244	49.0%	100.0%
Central Appalachian Basin	South Carolina	\$15.41	\$13.46	-12.7%	\$72.34	18.6%	12,849	25.1%	94.0%
Central Appalachian Basin	Tennessee	\$11.62	\$12.36	6.4%	\$67.55	18.3%	6,180	44.9%	99.8%
Central Appalachian Basin	Virginia	\$20.25	\$17.36	-14.3%	\$67.68	25.6%	9,965	42.0%	91.2%
Central Appalachian Basin	West Virginia	\$7.63	-	-	-	-	-	-	-
Southern Appalachian Basin	Alabama	W	\$14.43	W	\$65.38	22.1%	4,509	W	81.8%
Southern Appalachian Basin	Georgia	W	\$19.13	W	\$75.02	25.5%	772	W	100.0%
Southern Appalachian Basin	Illinois	W	-	-	-	-	-	-	-
Southern Appalachian Basin	New Jersey	-	W	-	W	W	W	-	W
Illinois Basin	Alabama	W	\$11.22	W	\$42.66	26.3%	2,378	W	100.0%
Illinois Basin	Florida	W	\$22.76	W	\$55.88	40.7%	3,739	W	99.5%
Illinois Basin	Georgia	-	\$32.08	-	\$84.89	37.8%	148	-	100.0%
Illinois Basin	Illinois	W	W	W	W	W	W	W	W
Illinois Basin	Indiana	\$3.71	\$5.02	35.2%	\$38.25	13.1%	25,490	17.1%	95.1%
Illinois Basin	Iowa	W	\$35.91	W	\$93.90	38.2%	136	W	26.0%
Illinois Basin	Kentucky	W	\$5.63	W	\$38.74	14.5%	6,807	W	99.8%

Origin Basin	Destination State	Transportation cost per short ton (nominal)		Percent difference EIA vs. STB	Total delivered cost per short ton (nominal) EIA	Percent transportation cost is of total delivered cost EIA	Shipments (1,000 short tons) EIA	Shipments with transportation rates over total shipments (percent)	
		STB	EIA					STB	EIA
Illinois Basin	Michigan	-	\$5.80	-	\$59.51	9.8%	164	-	99.7%
Illinois Basin	Minnesota	-	W	-	W	W	W	-	W
Illinois Basin	Missouri	-	\$7.53	-	\$41.88	18.0%	641	-	100.0%
Illinois Basin	Ohio	-	W	-	W	W	W	-	W
Illinois Basin	Pennsylvania	-	W	-	W	W	W	-	W
Illinois Basin	South Carolina	-	W	-	W	W	W	-	W
Illinois Basin	Tennessee	-	\$24.33	-	\$57.98	42.0%	80	-	92.4%
Illinois Basin	Wisconsin	W	W	W	W	W	W	W	W
Powder River Basin	Alabama	W	\$21.13	W	\$31.26	67.6%	13,402	W	97.5%
Powder River Basin	Arizona	\$21.96	\$22.15	0.9%	\$32.35	68.5%	6,041	48.4%	99.8%
Powder River Basin	Arkansas	W	\$19.75	W	\$29.39	67.2%	15,488	W	83.3%
Powder River Basin	Colorado	\$9.89	\$11.35	14.7%	\$20.00	56.7%	7,297	52.4%	100.0%
Powder River Basin	Florida	-	W	-	W	W	W	-	W
Powder River Basin	Georgia	-	\$26.08	-	\$35.08	74.4%	14,613	-	100.0%
Powder River Basin	Illinois	\$13.85	\$14.94	7.9%	\$26.85	55.7%	54,440	34.5%	97.0%
Powder River Basin	Indiana	W	\$24.38	W	\$34.70	70.3%	20,146	W	48.9%
Powder River Basin	Iowa	\$8.87	\$10.19	14.9%	\$19.34	52.7%	25,428	45.0%	90.9%
Powder River Basin	Kansas	\$13.95	\$13.60	-2.4%	\$23.80	57.2%	21,317	24.7%	91.6%
Powder River Basin	Kentucky	W	\$23.17	W	\$32.48	71.4%	1,927	W	100.0%
Powder River Basin	Louisiana	W	\$33.67	W	\$45.07	74.7%	11,517	W	36.1%
Powder River Basin	Maryland	W	\$62.74	W	\$73.07	85.9%	306	W	51.3%
Powder River Basin	Michigan	\$20.88	\$17.82	-14.7%	\$29.35	60.7%	28,541	15.5%	91.4%
Powder River Basin	Minnesota	\$16.81	\$15.30	-9.0%	\$26.04	58.8%	17,668	49.3%	47.3%
Powder River Basin	Mississippi	W	W	W	W	W	W	W	W
Powder River Basin	Missouri	\$13.70	\$14.89	8.7%	\$25.37	58.7%	42,595	49.4%	100.0%
Powder River Basin	Montana	W	W	W	W	W	W	W	W

Origin Basin	Destination State	Transportation cost per short ton (nominal)		Percent difference EIA vs. STB	Total delivered cost per short ton (nominal) EIA	Percent transportation cost is of total delivered cost EIA	Shipments (1,000 short tons) EIA	Shipments with transportation rates over total shipments (percent)	
		STB	EIA					STB	EIA
Powder River Basin	Nebraska	\$7.37	\$8.15	10.6%	\$16.90	48.2%	14,118	37.1%	35.3%
Powder River Basin	Nevada	-	W	-	W	W	W	-	W
Powder River Basin	New Jersey	W	-	-	-	-	-	-	-
Powder River Basin	New York	W	\$39.36	W	\$55.87	70.5%	3,867	W	6.7%
Powder River Basin	North Carolina	W	-	-	-	-	-	-	-
Powder River Basin	North Dakota	W	\$15.39	W	\$23.69	65.0%	240	W	100.0%
Powder River Basin	Ohio	\$33.47	\$27.49	-17.9%	\$39.63	69.4%	11,931	31.9%	79.0%
Powder River Basin	Oklahoma	\$13.52	\$13.51	-0.1%	\$23.25	58.1%	21,828	35.3%	71.2%
Powder River Basin	Oregon	-	W	-	W	W	W	-	W
Powder River Basin	Pennsylvania	-	\$39.17	-	\$52.35	74.8%	1,234	-	13.1%
Powder River Basin	South Dakota	W	\$20.88	W	\$30.07	69.4%	2,467	W	87.1%
Powder River Basin	Tennessee	-	\$23.54	-	\$35.09	67.1%	9,775	-	98.6%
Powder River Basin	Texas	\$15.74	\$13.89	-11.7%	\$27.12	51.2%	63,609	49.4%	62.9%
Powder River Basin	Utah	W	-	-	-	-	-	-	-
Powder River Basin	Washington	W	\$25.73	W	\$35.85	71.8%	5,653	W	100.0%
Powder River Basin	Wisconsin	\$18.40	\$18.87	2.6%	\$30.21	62.5%	23,870	36.9%	83.4%
Powder River Basin	Wyoming	W	\$7.52	W	\$16.48	45.6%	16,977	W	70.2%
Uinta (Colorado-Utah) Basin	Alabama	W	\$32.36	W	\$61.76	52.4%	4,660	W	95.2%
Uinta (Colorado-Utah) Basin	Arizona	W	\$28.20	W	\$48.65	58.0%	1,389	W	99.1%
Uinta (Colorado-Utah) Basin	Arkansas	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	California	W	\$29.36	W	\$69.78	42.1%	1,032	W	90.0%
Uinta (Colorado-Utah) Basin	Colorado	\$10.72	\$14.16	32.2%	\$39.03	36.3%	7,105	39.4%	52.7%
Uinta (Colorado-Utah) Basin	Delaware	W	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Georgia	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Iowa	-	\$45.74	-	\$65.42	69.9%	3	-	100.0%
Uinta (Colorado-Utah) Basin	Kentucky	W	\$24.72	W	\$55.60	44.5%	3,405	W	99.4%

Origin Basin	Destination State	Transportation cost per short ton (nominal)		Percent difference EIA vs. STB	Total delivered cost per short ton (nominal) EIA	Percent transportation cost is of total delivered cost EIA	Shipments (1,000 short tons) EIA	Shipments with transportation rates over total shipments (percent)	
		STB	EIA					STB	EIA
Uinta (Colorado-Utah) Basin	Michigan	-	\$39.36	-	\$75.06	52.4%	975	-	99.1%
Uinta (Colorado-Utah) Basin	Mississippi	W	\$49.97	W	\$81.80	61.1%	1,624	W	60.2%
Uinta (Colorado-Utah) Basin	Missouri	W	\$32.55	W	\$68.78	47.3%	470	W	83.8%
Uinta (Colorado-Utah) Basin	Nebraska	-	W	-	W	W	W	-	W
Uinta (Colorado-Utah) Basin	Nevada	W	\$15.34	W	\$51.57	29.8%	2,525	W	92.0%
Uinta (Colorado-Utah) Basin	Oklahoma	W	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Tennessee	-	\$24.74	-	\$52.27	47.3%	2,914	-	83.3%
Uinta (Colorado-Utah) Basin	Texas	W	-	-	-	-	-	-	-
Uinta (Colorado-Utah) Basin	Utah	W	W	W	W	W	W	W	W
Uinta (Colorado-Utah) Basin	Wisconsin	-	\$46.78	-	\$78.72	59.4%	1,342	-	66.9%

- = No data reported or value not applicable

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

EIA Data Source: Form EIA-923 Power Plant Operations Report