

Table 19. Estimated rail transportation rates for coal, state to state, 2008

comparison of EIA and STB data

Origin State	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
Alabama	Alabama	W	\$14.43	W	\$65.38	22.1%	4,509	W	81.8%
Alabama	Georgia	W	W	W	W	W	W	W	W
Alabama	Illinois	W	-	-	-	-	-	-	-
Alabama	New Jersey	-	W	-	W	W	W	-	W
Arizona	Arizona	-	W	-	W	W	W	-	W
Colorado	Alabama	W	\$34.52	W	\$62.70	55.1%	2,898	W	96.7%
Colorado	Arizona	W	W	W	W	W	W	W	W
Colorado	Arkansas	W	W	W	W	W	W	W	W
Colorado	Colorado	\$10.67	\$14.16	32.7%	\$39.03	36.3%	7,105	39.3%	52.7%
Colorado	Delaware	W	-	-	-	-	-	-	-
Colorado	Georgia	W	W	W	W	W	W	W	W
Colorado	Iowa	-	W	-	W	W	W	-	W
Colorado	Kentucky	W	W	W	W	W	W	W	W
Colorado	Michigan	-	\$38.75	-	\$72.63	53.4%	881	-	100.0%
Colorado	Mississippi	W	\$49.97	W	\$81.80	61.1%	1,624	W	60.2%
Colorado	Nevada	W	W	W	W	W	W	W	W
Colorado	Oklahoma	W	-	-	-	-	-	-	-
Colorado	Tennessee	-	\$24.46	-	\$50.72	48.2%	2,102	-	83.5%
Colorado	Texas	W	-	-	-	-	-	-	-
Colorado	Utah	-	W	-	W	W	W	-	W
Colorado	Wisconsin	-	\$48.05	-	\$80.03	60.0%	1,084	-	81.4%
Illinois	Alabama	W	W	W	W	W	W	W	W
Illinois	Florida	W	W	W	W	W	W	W	W

Origin State	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	Georgia	-	W	-	W	W	W	-	W
Illinois	Illinois	W	W	W	W	W	W	W	W
Illinois	Indiana	W	\$11.18	W	\$42.12	26.5%	4,824	W	82.6%
Illinois	Iowa	W	W	W	W	W	W	W	W
Illinois	Michigan	-	W	-	W	W	W	-	W
Illinois	Minnesota	-	W	-	W	W	W	-	W
Illinois	Missouri	-	W	-	W	W	W	-	W
Illinois	Ohio	-	W	-	W	W	W	-	W
Illinois	Tennessee	-	W	-	W	W	W	-	W
Illinois	Wisconsin	W	-	-	-	-	-	-	-
Indiana	Georgia	-	W	-	W	W	W	-	W
Indiana	Indiana	\$3.50	\$3.81	8.9%	\$37.49	10.2%	20,601	17.7%	98.3%
Indiana	Iowa	-	W	-	W	W	W	-	W
Indiana	Kentucky	-	W	-	W	W	W	-	W
Indiana	Michigan	-	W	-	W	W	W	-	W
Indiana	South Carolina	-	W	-	W	W	W	-	W
Indiana	Wisconsin	-	W	-	W	W	W	-	W
Kentucky	Alabama	W	\$15.61	W	\$68.47	22.8%	2,606	W	100.0%
Kentucky	Delaware	\$20.90	\$16.20	-22.5%	\$76.53	21.2%	375	39.5%	58.7%
Kentucky	Florida	\$33.87	\$24.86	-26.6%	\$71.12	35.0%	7,955	21.3%	100.0%
Kentucky	Georgia	\$23.11	\$24.47	5.9%	\$83.97	29.1%	17,150	29.6%	96.8%
Kentucky	Illinois	W	-	-	-	-	-	-	-
Kentucky	Indiana	W	W	W	W	W	W	W	W
Kentucky	Kentucky	\$6.87	\$7.62	10.9%	\$48.01	15.9%	8,304	28.0%	100.0%
Kentucky	Maryland	W	\$24.43	W	\$113.47	21.5%	530	W	100.0%
Kentucky	Massachusetts	-	W	-	W	W	W	-	W

Origin State	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
Kentucky	Michigan	\$14.70	\$14.51	-1.3%	\$65.26	22.2%	5,180	43.5%	94.1%
Kentucky	Mississippi	W	W	W	W	W	W	W	W
Kentucky	Missouri	W	W	W	W	W	W	W	W
Kentucky	New Jersey	W	W	W	W	W	W	W	W
Kentucky	New York	W	W	W	W	W	W	W	W
Kentucky	North Carolina	\$23.41	\$22.22	-5.1%	\$82.86	26.8%	11,006	38.7%	91.1%
Kentucky	Ohio	\$19.20	W	W	W	W	W	41.4%	W
Kentucky	Pennsylvania	W	\$26.06	W	\$76.51	34.1%	514	W	100.0%
Kentucky	South Carolina	\$15.14	\$13.08	-13.6%	\$70.79	18.5%	10,221	24.5%	96.6%
Kentucky	Tennessee	\$15.40	\$13.82	-10.3%	\$69.12	20.0%	3,334	18.0%	100.0%
Kentucky	Virginia	\$21.15	\$18.89	-10.7%	\$69.19	27.3%	3,385	55.3%	100.0%
Kentucky	West Virginia	W	-	-	-	-	-	-	-
Kentucky	Wisconsin	W	-	-	-	-	-	-	-
Montana	Arizona	W	W	W	W	W	W	W	W
Montana	Indiana	W	\$34.46	W	\$46.92	73.5%	1,543	W	100.0%
Montana	Michigan	-	\$15.34	-	\$25.42	60.4%	8,177	-	92.1%
Montana	Minnesota	\$14.95	\$13.77	-7.9%	\$23.28	59.1%	9,609	51.9%	51.7%
Montana	New York	-	\$39.36	-	\$55.87	70.5%	257	-	100.0%
Montana	North Dakota	W	W	W	W	W	W	W	W
Montana	Ohio	W	\$46.27	W	\$61.03	75.8%	130	W	98.2%
Montana	Pennsylvania	-	W	-	W	W	W	-	W
Montana	Texas	W	-	-	-	-	-	-	-
Montana	Washington	W	W	W	W	W	W	W	W
New Mexico	Arizona	W	\$7.45	W	\$31.73	23.5%	7,628	W	95.0%
New Mexico	Colorado	W	-	-	-	-	-	-	-
North Dakota	North Dakota	W	W	W	W	W	W	W	W

Origin State	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
Ohio	Delaware	W	-	-	-	-	-	-	-
Ohio	Michigan	-	W	-	W	W	W	-	W
Ohio	New York	-	W	-	W	W	W	-	W
Ohio	Ohio	W	-	-	-	-	-	-	-
Ohio	Pennsylvania	W	\$18.52	W	\$60.31	30.7%	416	W	100.0%
Pennsylvania	Delaware	-	W	-	W	W	W	-	W
Pennsylvania	Indiana	W	\$19.61	W	\$69.00	28.4%	1,007	W	60.2%
Pennsylvania	Maryland	\$21.74	\$20.89	-3.9%	\$81.79	25.5%	2,162	37.7%	100.0%
Pennsylvania	Michigan	W	W	W	W	W	W	W	W
Pennsylvania	New Hampshire	W	\$43.41	W	\$92.63	46.9%	340	W	89.4%
Pennsylvania	New Jersey	W	\$27.14	W	\$73.87	36.7%	1,061	W	76.7%
Pennsylvania	New York	W	\$21.62	W	\$63.93	33.8%	1,246	W	38.8%
Pennsylvania	Ohio	\$13.06	\$13.58	4.0%	\$51.55	26.3%	1,221	52.2%	64.0%
Pennsylvania	Pennsylvania	\$14.32	\$11.83	-17.4%	\$59.95	19.7%	17,458	30.7%	92.9%
Pennsylvania	South Carolina	W	\$13.23	W	\$50.01	26.5%	2,378	W	96.1%
Pennsylvania	West Virginia	W	\$11.18	W	\$56.37	19.8%	1,011	W	100.0%
Tennessee	Georgia	W	\$24.30	W	\$93.97	25.9%	94	W	100.0%
Tennessee	North Carolina	W	W	W	W	W	W	W	W
Tennessee	South Carolina	W	\$14.15	W	\$70.82	20.0%	484	W	60.1%
Tennessee	Tennessee	W	-	-	-	-	-	-	-
Texas	Texas	W	-	-	-	-	-	-	-
Utah	Alabama	W	\$28.66	W	\$60.16	47.6%	1,762	W	92.8%
Utah	California	W	\$29.36	W	\$69.78	42.1%	1,032	W	90.0%
Utah	Colorado	W	-	-	-	-	-	-	-
Utah	Kentucky	W	W	W	W	W	W	W	W
Utah	Michigan	-	W	-	W	W	W	-	W

Origin State	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
Utah	Missouri	W	W	W	W	W	W	W	W
Utah	Nebraska	W	W	W	W	W	W	W	W
Utah	Nevada	W	\$14.24	W	\$50.54	28.2%	2,224	W	93.0%
Utah	Tennessee	-	W	-	W	W	W	-	W
Utah	Utah	W	-	-	-	-	-	-	-
Utah	Wisconsin	-	W	-	W	W	W	-	W
Virginia	Alabama	W	W	W	W	W	W	W	W
Virginia	Delaware	W	-	-	-	-	-	-	-
Virginia	Florida	-	W	-	W	W	W	-	W
Virginia	Georgia	\$24.68	\$25.58	3.6%	\$87.18	29.3%	2,933	79.3%	89.6%
Virginia	Indiana	W	-	-	-	-	-	-	-
Virginia	Mississippi	W	\$29.13	W	\$84.54	34.5%	816	W	100.0%
Virginia	New Hampshire	W	W	W	W	W	W	W	W
Virginia	New Jersey	-	\$29.43	-	\$94.48	31.2%	858	-	77.5%
Virginia	North Carolina	\$26.42	\$21.63	-18.1%	\$74.71	29.0%	1,194	35.2%	81.9%
Virginia	Ohio	W	W	W	W	W	W	W	W
Virginia	Oklahoma	W	-	-	-	-	-	-	-
Virginia	Pennsylvania	W	W	W	W	W	W	W	W
Virginia	South Carolina	W	\$12.35	W	\$96.76	12.8%	53	W	100.0%
Virginia	Tennessee	\$11.48	\$8.24	-28.3%	\$77.04	10.7%	405	100.0%	94.6%
Virginia	Virginia	\$23.56	\$13.11	-44.4%	\$61.75	21.2%	5,425	18.2%	49.8%
West Virginia	Alabama	W	W	W	W	W	W	W	W
West Virginia	Delaware	\$23.85	\$15.09	-36.7%	\$96.82	15.6%	1,074	43.5%	25.5%
West Virginia	Florida	\$30.66	\$30.78	0.4%	\$87.48	35.2%	3,335	24.5%	97.0%
West Virginia	Georgia	\$28.15	\$27.78	-1.3%	\$89.44	31.1%	1,752	47.0%	87.0%
West Virginia	Indiana	W	\$20.94	W	\$61.18	34.2%	1,456	W	50.4%

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		STB	EIA					STB	EIA
West Virginia	Kentucky	W	W	W	W	W	W	W	W
West Virginia	Maryland	\$19.16	\$20.89	9.0%	\$102.69	20.3%	6,294	11.3%	99.9%
West Virginia	Michigan	\$14.63	\$17.72	21.1%	\$80.23	22.1%	1,530	29.9%	87.3%
West Virginia	Mississippi	W	W	W	W	W	W	W	W
West Virginia	New Hampshire	W	\$43.48	W	\$87.24	49.8%	160	W	89.5%
West Virginia	New Jersey	W	W	W	W	W	W	W	W
West Virginia	New York	\$19.63	\$14.44	-26.4%	\$51.73	27.9%	2,572	47.7%	98.9%
West Virginia	North Carolina	\$25.09	\$23.01	-8.3%	\$77.87	29.6%	17,735	34.3%	95.6%
West Virginia	Ohio	W	\$19.78	W	\$58.69	33.7%	965	W	100.0%
West Virginia	Pennsylvania	\$16.46	\$18.72	13.7%	\$63.82	29.3%	3,549	58.2%	92.9%
West Virginia	South Carolina	\$15.70	\$15.37	-2.1%	\$79.49	19.3%	2,090	31.4%	100.0%
West Virginia	Tennessee	W	\$11.00	W	\$63.69	17.3%	2,478	W	99.5%
West Virginia	Virginia	\$18.14	\$20.56	13.3%	\$73.08	28.1%	1,175	100.0%	100.0%
West Virginia	West Virginia	\$7.52	\$10.74	42.7%	\$64.07	16.8%	191	100.0%	96.7%
West Virginia	Wisconsin	-	W	-	W	W	W	-	W
Wyoming	Alabama	W	\$21.13	W	\$31.26	67.6%	13,402	W	97.5%
Wyoming	Arizona	W	\$21.81	W	\$32.15	67.8%	5,320	W	99.8%
Wyoming	Arkansas	W	\$19.75	W	\$29.39	67.2%	15,488	W	83.3%
Wyoming	Colorado	\$9.89	\$11.35	14.7%	\$20.00	56.7%	7,297	52.4%	100.0%
Wyoming	Florida	-	W	-	W	W	W	-	W
Wyoming	Georgia	-	\$26.08	-	\$35.08	74.4%	14,613	-	100.0%
Wyoming	Idaho	W	-	-	-	-	-	-	-
Wyoming	Illinois	\$13.85	\$14.94	7.9%	\$26.85	55.7%	54,440	34.5%	97.0%
Wyoming	Indiana	W	\$22.46	W	\$32.38	69.4%	18,603	W	44.5%
Wyoming	Iowa	\$8.87	\$10.19	14.9%	\$19.34	52.7%	25,349	45.2%	91.2%
Wyoming	Kansas	\$13.95	\$13.60	-2.4%	\$23.80	57.2%	21,317	24.7%	91.6%

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		STB	EIA					STB	EIA
Wyoming	Kentucky	W	\$23.17	W	\$32.48	71.4%	1,927	W	100.0%
Wyoming	Louisiana	W	\$33.67	W	\$45.07	74.7%	11,517	W	36.1%
Wyoming	Maryland	W	\$62.74	W	\$73.07	85.9%	306	W	51.3%
Wyoming	Michigan	\$20.88	\$18.45	-11.6%	\$30.55	60.4%	20,365	21.7%	95.7%
Wyoming	Minnesota	\$19.31	\$17.55	-9.1%	\$30.09	58.3%	8,059	46.2%	42.0%
Wyoming	Mississippi	W	W	W	W	W	W	W	W
Wyoming	Missouri	\$13.70	\$14.89	8.7%	\$25.38	58.7%	42,595	49.4%	100.0%
Wyoming	Montana	W	W	W	W	W	W	W	W
Wyoming	Nebraska	\$7.37	\$8.15	10.6%	\$16.90	48.2%	14,118	37.1%	35.3%
Wyoming	Nevada	W	W	W	W	W	W	W	W
Wyoming	New Jersey	W	-	-	-	-	-	-	-
Wyoming	New York	W	-	-	-	-	-	-	-
Wyoming	North Carolina	W	-	-	-	-	-	-	-
Wyoming	North Dakota	W	W	W	W	W	W	W	W
Wyoming	Ohio	\$33.29	\$27.33	-17.9%	\$39.44	69.3%	11,801	31.9%	82.9%
Wyoming	Oklahoma	\$13.52	\$13.51	-0.1%	\$23.25	58.1%	21,828	35.3%	71.2%
Wyoming	Oregon	-	W	-	W	W	W	-	W
Wyoming	South Dakota	W	\$20.88	W	\$30.07	69.4%	2,467	W	87.1%
Wyoming	Tennessee	-	\$23.54	-	\$35.09	67.1%	9,775	-	98.6%
Wyoming	Texas	\$15.74	\$13.89	-11.7%	\$27.12	51.2%	63,582	49.5%	62.9%
Wyoming	Utah	W	-	-	-	-	-	-	-
Wyoming	Washington	W	W	W	W	W	W	W	W
Wyoming	Wisconsin	\$18.43	\$18.87	2.4%	\$30.21	62.5%	23,307	37.8%	85.4%
Wyoming	Wyoming	\$6.95	\$6.74	-3.0%	\$16.97	39.8%	16,977	43.7%	84.1%

- = No data reported or value not applicable

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

Origin State	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

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