

**Table 24. Estimated rail transportation rates for coal, state to state, STB data**

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Alabama	Alabama	W	W	W	W	W	W	W	W	W	W	W
Alabama	Georgia	W	W	W	W	W	W	W	W	W	W	W
Alabama	Illinois	-	-	-	-	-	W	W	W	W	-	W
Colorado	Alabama	-	W	W	W	W	W	W	W	W	-	W
Colorado	Arizona	W	W	W	W	W	W	W	W	W	W	W
Colorado	Arkansas	-	-	-	-	W	W	W	W	-	-	-
Colorado	California	-	-	-	W	W	-	-	-	W	-	-
Colorado	Colorado	\$8.65	\$7.41	\$7.00	\$7.71	\$8.40	\$11.19	\$11.51	\$9.82	\$9.99	1.8	1.7
Colorado	Delaware	-	-	-	-	W	W	W	W	-	-	-
Colorado	Georgia	-	-	W	W	W	W	W	W	-	-	-
Colorado	Illinois	W	W	W	W	-	-	-	-	-	-	-
Colorado	Iowa	\$16.07	W	W	W	W	W	W	-	W	W	-
Colorado	Kansas	W	W	W	W	W	-	-	-	-	-	-
Colorado	Kentucky	W	W	W	W	W	W	W	W	W	W	W
Colorado	Massachusetts	-	-	-	W	W	-	-	-	-	-	-
Colorado	Michigan	-	-	-	W	-	-	-	-	-	-	-
Colorado	Minnesota	W	-	-	-	-	-	-	-	-	-	-
Colorado	Mississippi	W	W	W	W	W	W	W	W	W	W	W
Colorado	Missouri	W	W	-	-	W	-	-	-	-	-	-
Colorado	Nevada	-	W	W	W	W	W	W	W	W	-	W
Colorado	New York	W	-	-	-	W	W	-	-	-	-	-
Colorado	Ohio	-	-	-	W	W	-	-	-	-	-	-
Colorado	Oklahoma	-	W	-	W	W	W	W	W	W	-	W
Colorado	Tennessee	-	-	W	-	-	-	-	-	-	-	-
Colorado	Texas	W	W	W	W	W	W	W	W	-	-	-
Colorado	Utah	-	W	-	W	-	-	-	-	W	-	-
Colorado	Wisconsin	W	-	-	-	-	-	-	-	-	-	-
Illinois	Alabama	W	W	W	-	-	W	W	W	-	-	-
Illinois	Florida	W	W	W	W	W	W	W	W	W	W	W

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Illinois	Georgia	-	-	W	W	W	W	-	-	-	-	-
Illinois	Illinois	\$4.77	\$4.98	W	W	W	W	W	W	W	W	W
Illinois	Indiana	W	W	W	W	W	W	W	W	W	W	W
Illinois	Iowa	W	W	W	W	W	W	W	W	W	W	W
Illinois	Kentucky	W	-	-	W	-	-	-	-	-	-	-
Illinois	Minnesota	W	W	W	W	W	W	W	-	-	-	-
Illinois	Missouri	W	W	W	W	W	W	-	-	W	W	-
Illinois	New York	-	-	-	-	W	-	-	-	-	-	-
Illinois	Wisconsin	W	W	W	W	W	W	W	W	W	W	W
Indiana	Illinois	W	-	-	-	-	-	-	-	-	-	-
Indiana	Indiana	W	W	W	W	\$5.60	\$3.23	\$3.20	\$3.22	\$2.81	W	-12.6
Indiana	Kentucky	-	-	-	W	-	-	-	-	-	-	-
Indiana	New York	-	-	-	W	-	-	-	-	-	-	-
Indiana	Wisconsin	-	W	W	W	W	W	-	-	-	-	-
Kentucky	Alabama	W	W	W	W	W	W	W	W	W	W	W
Kentucky	Delaware	W	W	\$22.04	W	W	W	W	\$19.24	W	W	W
Kentucky	Florida	\$23.03	\$21.74	\$21.92	\$20.41	\$22.24	\$22.38	\$20.55	\$31.19	\$30.51	3.6	-2.2
Kentucky	Georgia	\$14.48	\$16.25	\$20.37	\$18.56	\$15.18	\$15.62	\$23.16	\$21.28	\$22.23	5.5	4.5
Kentucky	Illinois	W	W	W	W	W	W	W	W	-	-	-
Kentucky	Indiana	W	W	W	-	-	W	W	W	-	-	-
Kentucky	Kentucky	W	W	W	W	\$6.81	\$7.60	\$8.55	\$6.33	\$5.66	W	-10.5
Kentucky	Maryland	W	W	-	W	W	-	W	W	W	W	W
Kentucky	Massachusetts	W	W	W	W	-	-	-	-	-	-	-
Kentucky	Michigan	\$11.14	\$11.54	\$11.13	\$15.58	\$14.52	\$16.14	\$14.73	\$13.54	\$13.59	2.5	0.4
Kentucky	Mississippi	W	W	W	W	W	W	W	W	-	-	-
Kentucky	Missouri	W	W	W	W	W	W	W	W	W	W	W
Kentucky	New Jersey	-	W	W	W	-	-	W	W	-	-	-
Kentucky	New York	\$16.76	W	W	W	W	W	W	W	W	W	W
Kentucky	North Carolina	\$15.08	\$18.25	\$18.52	\$16.51	\$19.59	\$20.11	\$19.80	\$21.56	\$20.95	4.2	-2.8
Kentucky	Ohio	\$13.56	\$13.36	W	\$14.92	\$15.39	W	\$21.79	\$17.68	\$15.03	1.3	-15.0
Kentucky	Pennsylvania	W	W	W	\$21.58	W	-	W	W	-	-	-

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Kentucky	South Carolina	\$14.02	\$12.83	\$13.55	\$14.03	\$16.07	\$14.60	\$15.56	\$13.94	\$17.76	3.0	27.4
Kentucky	Tennessee	\$8.24	\$9.35	\$9.41	\$10.98	\$10.45	\$11.20	\$12.83	\$14.18	\$13.94	6.8	-1.7
Kentucky	Virginia	\$15.40	\$14.87	\$15.61	\$17.07	\$18.58	\$19.72	\$18.45	\$19.47	\$18.64	2.4	-4.2
Kentucky	West Virginia	-	-	-	W	W	W	W	W	-	-	-
Kentucky	Wisconsin	-	-	W	W	W	W	W	W	-	-	-
Maryland	Maryland	W	-	-	-	-	-	-	-	W	W	-
Maryland	New York	W	-	-	-	-	-	-	-	-	-	-
Maryland	West Virginia	-	-	-	-	W	W	-	-	-	-	-
Montana	Arizona	W	W	W	W	W	W	W	W	W	W	W
Montana	Illinois	W	W	W	W	-	-	-	-	-	-	-
Montana	Indiana	W	W	W	W	W	W	W	W	W	W	W
Montana	Iowa	-	W	W	-	-	W	-	-	-	-	-
Montana	Kansas	-	-	W	W	W	-	-	-	-	-	-
Montana	Massachusetts	-	-	-	-	W	-	-	-	-	-	-
Montana	Minnesota	\$12.27	\$11.97	\$12.12	\$11.16	\$11.47	\$11.28	\$13.00	\$13.76	\$14.23	1.9	3.4
Montana	New Hampshire	W	-	-	-	-	-	-	-	-	-	-
Montana	North Dakota	W	W	W	W	W	W	W	W	W	W	W
Montana	Ohio	-	-	-	-	-	W	W	W	W	-	W
Montana	South Dakota	-	-	-	-	-	W	-	-	-	-	-
Montana	Texas	-	-	-	-	-	-	-	W	-	-	-
Montana	Washington	W	W	W	W	W	W	W	W	W	W	W
New Mexico	Arizona	\$7.06	W	\$7.86	W	W	W	\$7.16	W	W	W	W
New Mexico	California	-	-	W	W	W	W	-	-	-	-	-
New Mexico	Colorado	-	-	-	-	-	-	W	W	W	-	W
North Dakota	North Dakota	W	W	W	W	W	W	W	W	W	W	W
Ohio	Delaware	-	-	W	W	W	-	W	W	-	-	-
Ohio	Indiana	W	-	-	-	W	W	-	-	-	-	-
Ohio	New York	-	-	W	W	W	-	W	-	-	-	-
Ohio	Ohio	W	W	W	W	W	W	-	W	-	-	-
Ohio	Pennsylvania	-	-	-	W	-	W	-	W	-	-	-
Ohio	West Virginia	W	W	-	-	-	W	W	-	-	-	-

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Pennsylvania	Delaware	W	W	\$16.46	\$13.97	-	-	-	-	-	-	-
Pennsylvania	Florida	W	W	-	W	-	W	W	-	W	W	-
Pennsylvania	Illinois	W	W	-	-	-	-	-	-	-	-	-
Pennsylvania	Indiana	-	-	-	-	-	W	W	W	W	-	W
Pennsylvania	Kentucky	-	-	W	W	-	-	-	-	-	-	-
Pennsylvania	Maryland	\$12.64	\$11.57	W	W	\$15.15	\$14.90	W	\$20.01	W	W	W
Pennsylvania	Massachusetts	W	W	-	-	-	-	-	-	-	-	-
Pennsylvania	Michigan	W	W	W	W	W	W	W	W	W	W	W
Pennsylvania	New Hampshire	W	W	W	W	W	W	W	W	W	W	W
Pennsylvania	New Jersey	W	W	W	W	W	W	W	W	W	W	W
Pennsylvania	New York	\$14.45	\$12.95	\$14.06	\$13.74	\$19.60	\$19.23	\$22.78	W	\$21.40	5.0	W
Pennsylvania	North Carolina	-	-	-	-	-	-	-	-	W	-	-
Pennsylvania	Ohio	W	\$8.30	\$6.76	\$10.99	W	\$12.92	\$13.75	\$12.02	\$10.24	W	-14.8
Pennsylvania	Pennsylvania	\$10.27	\$14.95	\$13.16	\$12.42	\$11.20	\$13.23	\$12.60	\$13.19	\$12.57	2.6	-4.6
Pennsylvania	South Carolina	-	-	W	W	W	W	W	W	W	-	W
Pennsylvania	Virginia	W	W	-	-	-	-	-	-	W	W	-
Pennsylvania	West Virginia	-	-	-	W	W	W	W	W	W	-	W
Pennsylvania	Wisconsin	W	-	-	-	-	-	-	-	W	W	-
Tennessee	Alabama	-	-	W	W	W	W	-	-	-	-	-
Tennessee	Georgia	W	W	W	W	W	W	W	W	W	W	W
Tennessee	North Carolina	-	-	-	W	-	W	W	W	W	-	W
Tennessee	South Carolina	W	W	W	W	W	W	W	W	W	W	W
Tennessee	Tennessee	-	-	-	W	W	-	-	W	W	-	W
Tennessee	Virginia	-	-	-	W	-	-	-	-	-	-	-
Texas	Texas	-	W	W	W	W	W	W	W	W	-	W
Utah	Alabama	-	-	-	-	-	-	-	W	W	-	W
Utah	California	W	W	W	W	W	W	W	W	W	W	W
Utah	Colorado	-	-	-	-	-	-	-	W	W	-	W
Utah	Idaho	W	W	W	W	W	W	W	-	W	W	-
Utah	Iowa	W	W	-	W	W	-	-	-	-	-	-
Utah	Kentucky	W	-	-	-	-	W	-	W	W	W	W

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Utah	Minnesota	W	-	-	-	-	-	-	-	-	-	-
Utah	Missouri	W	W	W	W	W	W	W	W	-	-	-
Utah	Nebraska	-	W	-	-	-	-	-	W	-	-	-
Utah	Nevada	W	W	W	W	W	W	W	W	W	W	W
Utah	New Jersey	W	-	-	-	-	-	-	-	-	-	-
Utah	New York	-	-	W	-	-	-	-	-	-	-	-
Utah	Ohio	-	-	W	-	-	-	-	-	-	-	-
Utah	Oregon	W	W	W	W	-	-	-	-	-	-	-
Utah	Utah	W	W	W	W	W	W	W	W	W	W	W
Utah	Washington	W	W	W	-	-	-	-	-	-	-	-
Utah	Wisconsin	W	W	W	-	W	-	-	-	-	-	-
Virginia	Alabama	W	W	-	-	-	W	-	W	W	W	W
Virginia	Delaware	W	W	W	W	W	W	W	W	W	W	W
Virginia	Florida	-	W	-	W	-	W	W	-	W	-	-
Virginia	Georgia	\$13.54	\$14.51	\$18.04	\$27.54	\$27.78	\$29.86	\$29.00	\$22.73	\$23.61	7.2	3.9
Virginia	Indiana	W	W	W	-	-	-	-	W	-	-	-
Virginia	Kentucky	-	-	-	-	W	-	-	-	-	-	-
Virginia	Maine	-	-	-	-	W	-	-	-	-	-	-
Virginia	Maryland	W	W	W	W	W	W	-	-	-	-	-
Virginia	Michigan	-	-	W	-	-	W	-	-	W	-	-
Virginia	Mississippi	W	W	W	W	W	W	W	W	W	W	W
Virginia	New Hampshire	W	W	W	W	W	W	W	W	W	W	W
Virginia	New York	-	-	-	-	W	W	-	-	-	-	-
Virginia	North Carolina	\$13.48	\$15.75	\$15.52	\$17.86	\$21.59	\$25.42	\$26.77	\$24.32	\$21.35	5.9	-12.2
Virginia	Ohio	W	W	\$9.75	-	W	-	-	W	-	-	-
Virginia	Oklahoma	-	-	-	-	-	-	-	W	-	-	-
Virginia	Pennsylvania	W	W	W	W	-	-	-	W	-	-	-
Virginia	South Carolina	\$11.52	\$16.99	W	W	W	\$25.00	W	W	W	W	W
Virginia	Tennessee	\$6.95	\$6.26	\$6.65	\$9.61	\$10.28	\$9.32	\$12.86	\$10.57	\$10.28	5.0	-2.8
Virginia	Virginia	\$11.24	\$10.97	\$14.43	\$22.43	\$26.86	\$31.42	\$29.79	\$21.69	\$17.14	5.4	-21.0
Virginia	West Virginia	-	-	-	W	W	-	-	-	-	-	-

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Virginia	Wisconsin	W	-	-	-	-	-	-	-	-	-	-
West Virginia	Alabama	-	W	W	W	W	W	-	W	W	-	W
West Virginia	Delaware	\$20.07	W	W	\$20.99	\$22.62	\$23.86	\$26.44	\$21.96	\$21.39	0.8	-2.6
West Virginia	Florida	\$22.35	\$21.16	\$21.69	\$22.42	\$23.56	\$27.50	\$24.65	\$28.23	\$28.02	2.9	-0.7
West Virginia	Georgia	\$17.93	\$17.57	\$20.52	\$20.21	W	W	W	\$25.92	\$25.02	4.3	-3.5
West Virginia	Illinois	-	W	-	-	W	-	-	-	-	-	-
West Virginia	Indiana	W	W	W	W	\$18.33	\$14.06	W	W	W	W	W
West Virginia	Kentucky	W	W	W	W	W	W	W	W	W	W	W
West Virginia	Maryland	\$10.46	\$10.68	\$11.37	\$12.08	\$10.37	\$12.68	\$13.98	\$17.64	\$17.89	6.9	1.4
West Virginia	Massachusetts	W	-	-	-	-	-	-	-	-	-	-
West Virginia	Michigan	\$13.36	\$13.23	\$12.82	\$12.24	\$11.37	\$11.96	\$11.20	\$13.47	\$12.67	-0.7	-5.9
West Virginia	Mississippi	-	W	-	-	W	-	-	W	W	-	W
West Virginia	Missouri	-	-	-	-	-	W	-	-	-	-	-
West Virginia	New Hampshire	W	W	-	W	W	W	W	W	W	W	W
West Virginia	New Jersey	W	\$19.72	\$20.43	\$23.30	W	W	W	W	W	W	W
West Virginia	New York	\$17.83	\$17.44	\$14.70	\$16.19	\$17.04	\$19.58	\$19.25	\$18.07	\$19.84	1.3	9.8
West Virginia	North Carolina	\$13.94	\$18.75	\$20.17	\$20.06	\$22.22	\$25.71	\$26.36	\$23.10	\$20.24	4.8	-12.4
West Virginia	Ohio	\$11.24	\$11.19	\$11.62	\$11.57	\$11.89	\$11.00	\$11.34	W	W	W	W
West Virginia	Pennsylvania	\$13.80	\$13.79	\$15.01	\$15.84	\$17.72	\$18.51	\$21.57	\$15.16	\$14.16	0.3	-6.6
West Virginia	South Carolina	\$17.33	\$18.29	\$16.54	\$18.57	\$22.28	\$19.18	\$16.32	\$14.45	\$17.96	0.4	24.3
West Virginia	Tennessee	W	W	W	W	\$11.11	W	W	W	W	W	W
West Virginia	Virginia	\$15.92	\$14.36	\$15.47	\$17.35	\$19.33	\$18.61	\$16.97	\$16.70	\$16.59	0.5	-0.6
West Virginia	West Virginia	\$5.27	\$4.58	\$4.83	\$4.99	\$5.16	\$5.77	\$4.80	\$6.92	\$7.52	4.5	8.5
Wyoming	Alabama	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Arizona	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Arkansas	W	W	W	\$15.69	W	W	W	W	W	W	W
Wyoming	Colorado	\$8.42	\$8.35	\$8.69	\$8.13	\$8.13	\$9.26	\$9.58	\$9.11	\$9.98	2.1	9.6
Wyoming	Delaware	-	-	-	W	W	W	-	-	-	-	-
Wyoming	Georgia	-	-	-	W	W	-	-	-	-	-	-
Wyoming	Idaho	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Illinois	\$13.06	\$13.43	\$24.89	\$9.94	\$11.21	\$11.81	\$11.72	\$12.75	\$13.52	0.4	6.1

Origin State	Destination State	Real dollars per ton									Annual percent change	
		2001	2002	2003	2004	2005	2006	2007	2008	2009	2001-2009	2008-2009
Wyoming	Indiana	W	-	-	-	W	W	W	W	W	W	W
Wyoming	Iowa	\$9.44	\$9.37	\$8.60	\$9.62	\$8.52	\$7.99	\$7.81	\$8.17	\$8.09	-1.9	-0.9
Wyoming	Kansas	\$16.70	\$15.59	\$14.77	\$15.25	\$14.97	\$14.96	\$14.60	\$12.84	\$12.39	-3.7	-3.5
Wyoming	Kentucky	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Louisiana	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Maryland	-	-	-	-	-	-	-	W	W	-	W
Wyoming	Michigan	-	W	W	\$5.57	\$6.26	\$6.90	\$6.65	\$19.22	\$18.41	-	-4.2
Wyoming	Minnesota	\$11.30	\$11.65	\$12.11	\$12.92	\$12.78	\$12.83	\$19.13	\$17.78	\$16.26	4.7	-8.5
Wyoming	Mississippi	-	-	-	W	W	W	W	W	W	-	W
Wyoming	Missouri	\$12.36	\$10.80	\$10.30	\$10.32	\$10.97	\$10.55	\$12.59	\$12.61	\$11.56	-0.8	-8.3
Wyoming	Montana	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Nebraska	\$6.67	\$6.23	\$6.25	\$7.19	\$7.20	\$7.40	\$7.41	\$6.78	\$7.26	1.1	7.0
Wyoming	Nevada	W	-	W	W	W	W	W	W	W	W	W
Wyoming	New Jersey	-	-	-	W	W	W	W	W	-	-	-
Wyoming	New York	-	W	W	W	W	\$35.28	W	W	W	-	W
Wyoming	North Carolina	-	-	-	-	-	-	-	W	-	-	-
Wyoming	North Dakota	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Ohio	-	-	-	W	W	W	W	\$30.66	\$30.81	-	0.5
Wyoming	Oklahoma	\$13.67	\$11.56	\$10.23	\$12.33	\$12.03	\$12.33	\$12.77	\$12.45	\$15.86	1.9	27.4
Wyoming	Oregon	W	-	-	W	-	-	-	-	-	-	-
Wyoming	South Dakota	W	W	W	W	W	W	W	W	W	W	W
Wyoming	Texas	\$17.04	\$16.74	\$15.30	\$14.97	\$14.88	\$14.53	\$14.63	\$14.49	\$14.43	-2.1	-0.5
Wyoming	Utah	-	-	-	W	W	W	-	W	W	-	W
Wyoming	Washington	-	-	-	-	-	W	W	W	W	-	W
Wyoming	Wisconsin	\$14.20	\$13.89	\$12.82	\$13.31	\$14.25	\$15.49	\$16.99	\$16.97	\$16.94	2.2	-0.2
Wyoming	Wyoming	\$3.52	\$3.44	\$3.63	\$4.31	\$5.91	\$6.54	\$6.99	\$6.40	\$4.75	3.8	-25.8

- = No waybills sampled

W = Data Withheld

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

Real values derived using the GDP Chain-type Price Index, 2005=100.