

This workbook compares Class I railroad fuel cost, fuel consumption, and fuel utilization with railroad operating efficiency and train speed.

Year	Total Cost	fuel share	Fuel Cost	Fuel Cons. (F)	Fuel unit cost	Fuel util. (f=F/X)	Ton-miles (X)	Train-hours (H)	Operating Efficiency (x = X/H)	Train-miles (M)	Speed (s=M/H)
<i>annual levels</i>	<i>\$B</i>	<i>proportion</i>	<i>\$B</i>	<i>gal. (B)</i>	<i>\$</i>	<i>#</i>	<i>MM</i>	<i>k</i>	<i>#</i>	<i>k</i>	<i>#</i>
2002	58.49	0.047	2.75	3.751	0.7329	2.489	1,507,011	23,755	63,439	499,668	21.03
2003	58.89	0.058	3.42	3.849	0.8874	2.482	1,551,011	25,698	60,356	515,999	20.08
2004	64.17	0.068	4.36	4.082	1.0690	2.455	1,662,598	28,080	59,209	534,696	19.04
2005	74.27	0.084	6.24	4.120	1.5142	2.429	1,696,425	29,347	57,806	547,566	18.66
2006	70.40	0.115	8.10	4.214	1.9212	2.378	1,771,897	30,409	58,268	562,607	18.50
2007	77.62	0.115	8.93	4.087	2.1841	2.308	1,770,545	28,227	62,725	543,475	19.25
2008	84.34	0.145	12.23	3.991	3.0642	2.246	1,777,236	26,717	66,520	524,223	19.62
<i>change from prior year</i>	<i>In change</i>	<i>difference</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>	<i>In change</i>
2003	0.007	0.011	0.217	0.026	0.191	(0.003)	0.029	0.079	(0.050)	0.032	(0.046)
2004	0.086	0.010	0.245	0.059	0.186	(0.011)	0.069	0.089	(0.019)	0.036	(0.053)
2005	0.146	0.016	0.357	0.009	0.348	(0.011)	0.020	0.044	(0.024)	0.024	(0.020)
2006	(0.054)	0.031	0.261	0.023	0.238	(0.021)	0.044	0.036	0.008	0.027	(0.008)
2007	0.098	-	0.098	(0.031)	0.128	(0.030)	(0.001)	(0.074)	0.074	(0.035)	0.040
2008	0.083	0.030	0.315	(0.024)	0.339	(0.028)	0.004	(0.055)	0.059	(0.036)	0.019
mean	0.061	0.016	0.249	0.010	0.238	(0.017)	0.027	0.020	0.008	0.008	(0.012)
variance	0.005	0.000	0.008	0.001	0.008	0.000	0.001	0.005	0.002	0.001	0.001
coefficient of variation	1.176	0.743	0.360	3.230	0.371	(0.620)	0.954	3.502	6.197	4.229	(3.135)