Data for charts

Index	Q	Y	Calendar quarter	YE June
63	4	2009	2009-4	2010
64	1	2010	2010-1	2010
65	2	2010	2010-2	2010
66	3	2010	2010-3	2011
67	4	2010	2010-4	2011
68	1	2011	2011-1	2011
69	2	2011	2011-2	2011
70	3	2011	2011-3	2012
71	4	2011	2011-4	2012
72	1	2012	2012-1	2012
73	2	2012	2012-2	2012
74	3	2012	2012-3	2013
75	4	2012	2012-4	2013
76	1	2013	2013-1	2013
77	2	2013	2013-2	2013
78	3	2013	2013-3	2014
79	4	2013	2013-4	2014
80	1	2014	2014-1	2014
81	2	2014	2014-2	2014
82	3	2014	2014-3	2015

PED volume: Primary model

Index	Actual	Actual (MA)	Model	Error vs actual	Error vs actual sq	% Error vs actual	Abs % error vs actual	Error vs MA	Error vs MA sq	% Error vs MA	Abs % error vs MA
63	712,713,695	778,039,653	784,661,476	-71,947,781	5.18E+15	-10.1%	10.1%	-6,621,823	4.38E+13	-0.9%	0.9%
64	950,701,360	825,685,339	775,000,254	175,701,106	3.09E+16	18.5%	18.5%	50,685,085	2.57E+15	5.3%	5.3%
65	680,264,218	758,541,815	772,754,854	-92,490,636	8.55E+15	-13.6%	13.6%	-14,213,039	2.02E+14	-2.1%	2.1%
66	775,482,496	779,790,442	755,551,842	19,930,654	3.97E+14	2.6%	2.6%	24,238,600	5.88E+14	3.1%	3.1%
67	747,585,122	788,508,299	770,829,306	-23,244,184	5.40E+14	-3.1%	3.1%	17,678,993	3.13E+14	2.4%	2.4%
68	885,322,063	772,163,475	761,778,485	123,543,578	1.53E+16	14.0%	14.0%	10,384,990	1.08E+14	1.2%	1.2%
69	696,413,397	776,200,769	748,284,737	-51,871,341	2.69E+15	-7.4%	7.4%	27,916,032	7.79E+14	4.0%	4.0%
70	694,330,297	755,912,719	753,560,169	-59,229,872	3.51E+15	-8.5%	8.5%	2,352,550	5.53E+12	0.3%	0.3%
71	770,290,179	761,588,984	761,312,447	8,977,732	8.06E+13	1.2%	1.2%	276,537	7.65E+10	0.0%	0.0%
72	795,944,042	739,244,479	753,219,419	42,724,623	1.83E+15	5.4%	5.4%	-13,974,940	1.95E+14	-1.8%	1.8%
73	773,164,815	758,432,333	742,203,091	30,961,724	9.59E+14	4.0%	4.0%	16,229,242	2.63E+14	2.1%	2.1%
74	718,780,608	764,544,911	745,940,404	-27,159,797	7.38E+14	-3.8%	3.8%	18,604,507	3.46E+14	2.6%	2.6%
75	780,287,403	767,044,217	762,110,080	18,177,323	3.30E+14	2.3%	2.3%	4,934,137	2.43E+13	0.6%	0.6%
76	729,163,622	750,349,112	755,787,648	-26,624,025	7.09E+14	-3.7%	3.7%	-5,438,536	2.96E+13	-0.7%	0.7%
77	785,002,298	753,308,483	743,237,496	41,764,802	1.74E+15	5.3%	5.3%	10,070,987	1.01E+14	1.3%	1.3%
78	732,017,422	756,617,686	745,793,275	-13,775,854	1.90E+14	-1.9%	1.9%	10,824,411	1.17E+14	1.5%	1.5%
79	699,256,172	736,359,878	762,823,103	-63,566,932	4.04E+15	-9.1%	9.1%	-26,463,225	7.00E+14	-3.8%	3.8%
80	789,572,868	751,462,190	753,192,575	36,380,293	1.32E+15	4.6%	4.6%	-1,730,385	2.99E+12	-0.2%	0.2%
81	810,989,014	757,958,869	747,796,569	63,192,446	3.99E+15	7.8%	7.8%	10,162,300	1.03E+14	1.3%	1.3%
82	697,940,890	749,439,736	750,122,231	-52,181,341	2.72E+15	-7.5%	7.5%	-682,495	4.66E+11	-0.1%	0.1%

PED volume: Secondary model

Index	Actual	Actual (MA)	Model	Error vs actual	Error vs actual sq	% Error vs actual	Abs % error vs actual	Error vs MA	Error vs MA sq	% Error vs MA	Abs % error vs MA
63	712,713,695	778,039,653	783,294,495	-70,580,800	4.98E+15	-9.9%	9.9%	-5,254,842	2.76E+13	-0.7%	0.7%
64	950,701,360	825,685,339	774,076,990	176,624,370	3.12E+16	18.6%	18.6%	51,608,349	2.66E+15	5.4%	5.4%
65	680,264,218	758,541,815	770,621,579	-90,357,361	8.16E+15	-13.3%	13.3%	-12,079,764	1.46E+14	-1.8%	1.8%
66	775,482,496	779,790,442	757,413,132	18,069,364	3.27E+14	2.3%	2.3%	22,377,310	5.01E+14	2.9%	2.9%
67	747,585,122	788,508,299	772,299,078	-24,713,957	6.11E+14	-3.3%	3.3%	16,209,221	2.63E+14	2.2%	2.2%
68	885,322,063	772,163,475	763,071,333	122,250,730	1.49E+16	13.8%	13.8%	9,092,142	8.27E+13	1.0%	1.0%
69	696,413,397	776,200,769	748,945,706	-52,532,309	2.76E+15	-7.5%	7.5%	27,255,063	7.43E+14	3.9%	3.9%
70	694,330,297	755,912,719	754,238,181	-59,907,884	3.59E+15	-8.6%	8.6%	1,674,539	2.80E+12	0.2%	0.2%
71	770,290,179	761,588,984	761,582,808	8,707,372	7.58E+13	1.1%	1.1%	6,176	3.81E+07	0.0%	0.0%
72	795,944,042	739,244,479	753,764,902	42,179,140	1.78E+15	5.3%	5.3%	-14,520,424	2.11E+14	-1.8%	1.8%
73	773,164,815	758,432,333	743,322,161	29,842,654	8.91E+14	3.9%	3.9%	15,110,172	2.28E+14	2.0%	2.0%
74	718,780,608	764,544,911	746,343,806	-27,563,198	7.60E+14	-3.8%	3.8%	18,201,105	3.31E+14	2.5%	2.5%
75	780,287,403	767,044,217	762,502,217	17,785,186	3.16E+14	2.3%	2.3%	4,541,999	2.06E+13	0.6%	0.6%
76	729,163,622	750,349,112	757,609,041	-28,445,419	8.09E+14	-3.9%	3.9%	-7,259,930	5.27E+13	-1.0%	1.0%
77	785,002,298	753,308,483	745,703,589	39,298,709	1.54E+15	5.0%	5.0%	7,604,894	5.78E+13	1.0%	1.0%
78	732,017,422	756,617,686	748,757,705	-16,740,284	2.80E+14	-2.3%	2.3%	7,859,981	6.18E+13	1.1%	1.1%
79	699,256,172	736,359,878	766,461,437	-67,205,266	4.52E+15	-9.6%	9.6%	-30,101,559	9.06E+14	-4.3%	4.3%
80	789,572,868	751,462,190	756,030,733	33,542,135	1.13E+15	4.2%	4.2%	-4,568,543	2.09E+13	-0.6%	0.6%
81	810,989,014	757,958,869	753,203,227	57,785,787	3.34E+15	7.1%	7.1%	4,755,642	2.26E+13	0.6%	0.6%
82	697,940,890	749,439,736	758,137,009	-60,196,118	3.62E+15	-8.6%	8.6%	-8,697,273	7.56E+13	-1.2%	1.2%

PED: Efficiency component

Index	Actual	Actual (MA)	Model	Error vs actual	Error vs actual sq	% Error vs actual	Abs % error vs actual	Error vs MA	Error vs MA sq	% Error vs MA	Abs % error vs MA
63	10.65	9.76	9.66	0.99	0.99	9.3%	9.3%	0.10	0.01	1.0%	1.0%
64	7.87	9.27	9.69	-1.83	3.33	-23.2%	23.2%	-0.42	0.18	-4.6%	4.6%
65	10.85	10.04	9.59	1.27	1.61	11.7%	11.7%	0.45	0.20	4.5%	4.5%
66	9.53	9.73	9.78	-0.25	0.06	-2.7%	2.7%	-0.06	0.00	-0.6%	0.6%
67	10.06	9.58	9.72	0.34	0.12	3.4%	3.4%	-0.14	0.02	-1.5%	1.5%
68	8.35	9.70	9.69	-1.34	1.79	-16.0%	16.0%	0.01	0.00	0.1%	0.1%
69	10.47	9.60	9.73	0.74	0.55	7.1%	7.1%	-0.13	0.02	-1.3%	1.3%
70	10.51	9.85	9.72	0.80	0.63	7.6%	7.6%	0.13	0.02	1.3%	1.3%
71	9.65	9.75	9.79	-0.14	0.02	-1.4%	1.4%	-0.04	0.00	-0.4%	0.4%
72	9.30	9.98	9.77	-0.47	0.22	-5.0%	5.0%	0.21	0.05	2.1%	2.1%
73	9.38	9.71	9.84	-0.46	0.21	-4.9%	4.9%	-0.13	0.02	-1.3%	1.3%
74	10.12	9.61	9.78	0.34	0.12	3.4%	3.4%	-0.17	0.03	-1.7%	1.7%
75	9.53	9.58	9.77	-0.24	0.06	-2.5%	2.5%	-0.18	0.03	-1.9%	1.9%
76	10.09	9.78	9.77	0.32	0.10	3.2%	3.2%	0.01	0.00	0.1%	0.1%
77	9.29	9.76	9.82	-0.53	0.28	-5.7%	5.7%	-0.07	0.00	-0.7%	0.7%
78	10.05	9.74	9.83	0.22	0.05	2.2%	2.2%	-0.09	0.01	-0.9%	0.9%
79	10.78	10.05	9.83	0.95	0.90	8.8%	8.8%	0.22	0.05	2.2%	2.2%
80	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
81	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
82	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

Light RUC net km

Index	Actual	Model	Error	Error squared	% Error	Abs % Error
63	1,969,025,812	1,958,993,459	10,032,353	1.01E+14	0.5%	0.5%
64	1,901,190,626	1,924,348,890	-23,158,264	5.36E+14	-1.2%	1.2%
65	1,886,730,506	1,840,627,126	46,103,380	2.13E+15	2.4%	2.4%
66	2,004,551,887	2,113,076,286	-108,524,399	1.18E+16	-5.4%	5.4%
67	2,014,256,395	1,946,870,486	67,385,909	4.54E+15	3.3%	3.3%
68	1,879,399,653	1,855,609,144	23,790,509	5.66E+14	1.3%	1.3%
69	1,919,830,774	1,826,203,262	93,627,512	8.77E+15	4.9%	4.9%
70	1,940,412,167	1,936,557,297	3,854,870	1.49E+13	0.2%	0.2%
71	2,041,795,708	2,049,767,126	-7,971,418	6.35E+13	-0.4%	0.4%
72	1,972,821,179	2,018,213,382	-45,392,203	2.06E+15	-2.3%	2.3%
73	1,977,295,468	2,032,698,355	-55,402,887	3.07E+15	-2.8%	2.8%
74	1,986,302,686	2,021,520,151	-35,217,465	1.24E+15	-1.8%	1.8%
75	2,087,229,366	2,093,765,899	-6,536,533	4.27E+13	-0.3%	0.3%
76	2,004,260,597	2,069,047,928	-64,787,331	4.20E+15	-3.2%	3.2%
77	2,072,369,167	2,230,524,068	-158,154,901	2.50E+16	-7.6%	7.6%
78	2,086,860,529	1,969,117,003	117,743,526	1.39E+16	5.6%	5.6%
79	2,297,457,306	2,112,232,586	185,224,720	3.43E+16	8.1%	8.1%
80	2,124,315,560	2,094,925,222	29,390,338	8.64E+14	1.4%	1.4%
81	2,300,956,902	2,301,887,367	-930,465	8.66E+11	0.0%	0.0%
82	2,217,355,370	1,995,439,933	221,915,437	4.92E+16	10.0%	10.0%

Heavy RUC net km: Primary model

Index	Actual	Model	Error	Error squared	% Error	Abs % Error
63	827,823,758	849,384,645	-21,560,887	4.65E+14	-2.6%	2.6%
64	825,689,069	847,654,396	-21,965,327	4.82E+14	-2.7%	2.7%
65	788,255,658	797,659,081	-9,403,423	8.84E+13	-1.2%	1.2%
66	804,586,320	837,213,085	-32,626,765	1.06E+15	-4.1%	4.1%
67	894,140,775	849,100,363	45,040,412	2.03E+15	5.0%	5.0%
68	865,664,139	856,892,178	8,771,961	7.69E+13	1.0%	1.0%
69	824,051,949	815,335,643	8,716,306	7.60E+13	1.1%	1.1%
70	822,635,047	824,642,628	-2,007,581	4.03E+12	-0.2%	0.2%
71	895,030,317	895,642,903	-612,586	3.75E+11	-0.1%	0.1%
72	876,306,571	875,378,810	927,761	8.61E+11	0.1%	0.1%
73	836,057,248	848,148,217	-12,090,969	1.46E+14	-1.4%	1.4%
74	919,257,321	833,362,948	85,894,373	7.38E+15	9.3%	9.3%
75	913,751,876	938,734,454	-24,982,578	6.24E+14	-2.7%	2.7%
76	866,434,532	895,809,458	-29,374,926	8.63E+14	-3.4%	3.4%
77	852,866,288	854,108,538	-1,242,250	1.54E+12	-0.1%	0.1%
78	887,793,202	834,997,187	52,796,015	2.79E+15	5.9%	5.9%
79	948,741,075	939,059,357	9,681,718	9.37E+13	1.0%	1.0%
80	921,251,411	920,136,098	1,115,313	1.24E+12	0.1%	0.1%
81	888,721,068	884,342,529	4,378,539	1.92E+13	0.5%	0.5%
82	891,227,481	861,446,380	29,781,101	8.87E+14	3.3%	3.3%

Heavy RUC net km: Secondary model

Index	Actual	Model	Error	Error squared	% Error	Abs % Error
63	827,823,758	845,590,841	-17,767,083	3.16E+14	-2.1%	2.1%
64	825,689,069	836,073,050	-10,383,981	1.08E+14	-1.3%	1.3%
65	788,255,658	790,977,595	-2,721,937	7.41E+12	-0.3%	0.3%
66	804,586,320	836,758,862	-32,172,542	1.04E+15	-4.0%	4.0%
67	894,140,775	879,385,857	14,754,918	2.18E+14	1.7%	1.7%
68	865,664,139	846,945,468	18,718,671	3.50E+14	2.2%	2.2%
69	824,051,949	817,270,113	6,781,836	4.60E+13	0.8%	0.8%
70	822,635,047	819,697,051	2,937,996	8.63E+12	0.4%	0.4%
71	895,030,317	893,874,984	1,155,333	1.33E+12	0.1%	0.1%
72	876,306,571	880,096,450	-3,789,879	1.44E+13	-0.4%	0.4%
73	836,057,248	840,287,326	-4,230,078	1.79E+13	-0.5%	0.5%
74	919,257,321	838,808,010	80,449,311	6.47E+15	8.8%	8.8%
75	913,751,876	902,782,788	10,969,088	1.20E+14	1.2%	1.2%
76	866,434,532	890,763,495	-24,328,963	5.92E+14	-2.8%	2.8%
77	852,866,288	856,881,091	-4,014,803	1.61E+13	-0.5%	0.5%
78	887,793,202	840,711,450	47,081,752	2.22E+15	5.3%	5.3%
79	948,741,075	923,956,345	24,784,730	6.14E+14	2.6%	2.6%
80	921,251,411	911,328,126	9,923,285	9.85E+13	1.1%	1.1%
81	888,721,068	882,098,432	6,622,636	4.39E+13	0.7%	0.7%
82	891,227,481	866,652,776	24,574,705	6.04E+14	2.8%	2.8%

Annual summaries

YE June	PED volume primary: Actual	Error	% Error	PED volume secondary: Actual	Error	% Error	PED efficiency: Actual	Error	% Error	Light RUC: Actual	Error	% Error	Heavy RUC primary: Actual	Error	% Error	Heavy RUC secondary: Actual	Error	% Error
2012	3,033,729,332	23,434,206	0.8%	3,033,729,332	20,821,281	0.7%	9.71	-0.07	-0.7%	7,932,324,522	-104,911,637	-1.3%	3,430,029,183	-13,783,374	-0.4%	3,430,029,183	-3,926,628	-0.1%
2013	3,013,233,931	6,158,304	0.2%	3,013,233,931	1,075,277	0.0%	9.76	-0.03	-0.3%	8,150,161,816	-264,696,230	-3.2%	3,552,310,017	30,294,619	0.9%	3,552,310,017	63,074,633	1.8%
2014	3,031,835,475	22,229,953	0.7%	3,031,835,475	7,382,373	0.2%	#N/A	#N/A	#N/A	8,809,590,297	331,428,120	3.8%	3,646,506,756	67,971,585	1.9%	3,646,506,756	88,412,404	2.4%