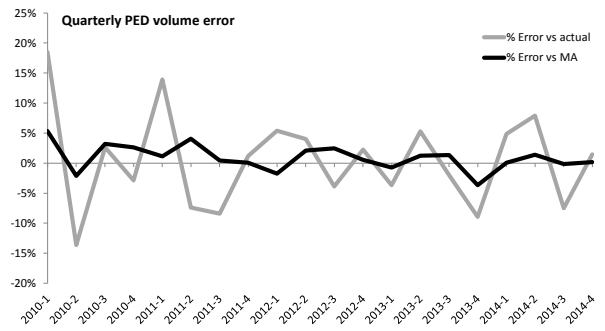
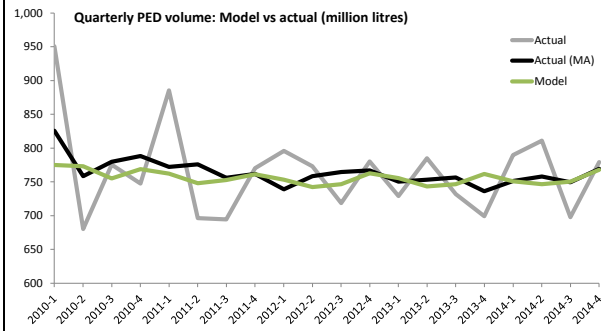


These charts compare the predictions of the underlying econometric models for PED and RUC volumes with actual data over the most recent 20 quarters.

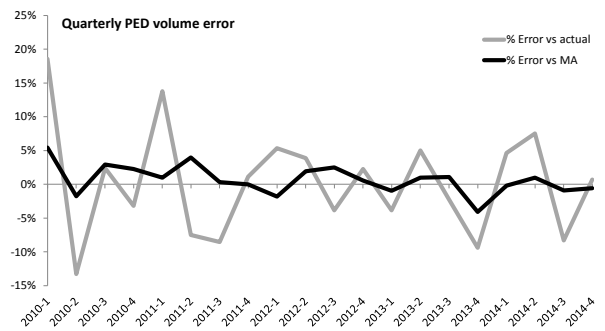
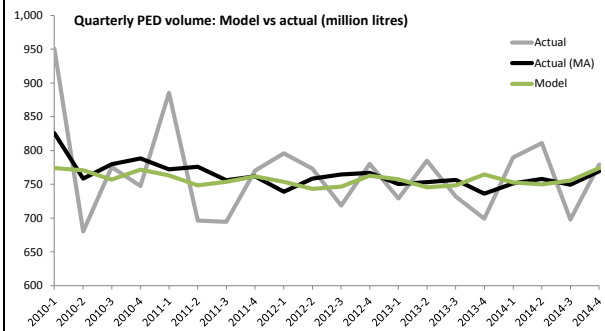
PED volume: Primary model



Model vs 4-quarter moving average of PED volume		Error for last 3 complete June years	
Root mean squared error (litres):	17,994,949	Litres	Percent
Mean absolute percentage error:	1.7%	2012	24,410,693 0.8%
		2013	4,691,981 0.2%
		2014	25,455,915 0.8%

Model vs actual quarterly PED volume	
Root mean squared error (litres):	63,495,828
Mean absolute percentage error:	6.3%

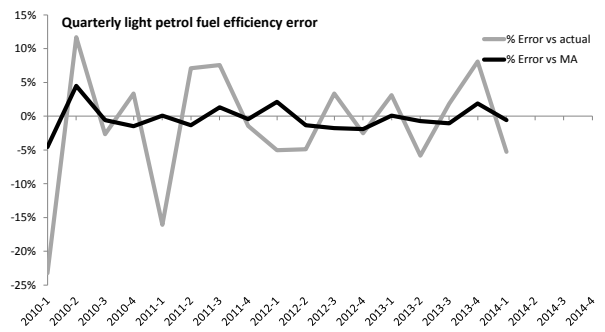
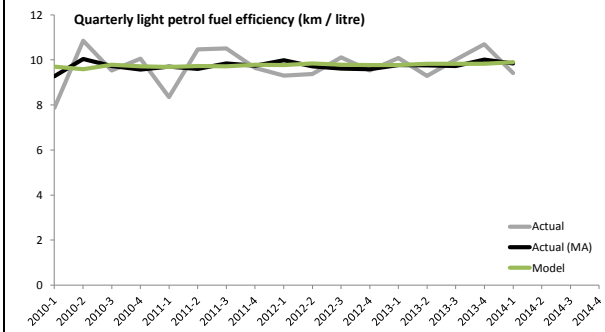
PED volume: Secondary model



Model vs 4-quarter moving average of PED volume		Error for last 3 complete June years	
Root mean squared error (litres):	17,812,183	Litres	Percent
Mean absolute percentage error:	1.7%	2012	21,562,901 0.7%
		2013	1,153,905 0.0%
		2014	15,482,212 0.5%

Model vs actual quarterly PED volume	
Root mean squared error (litres):	63,477,415
Mean absolute percentage error:	6.3%

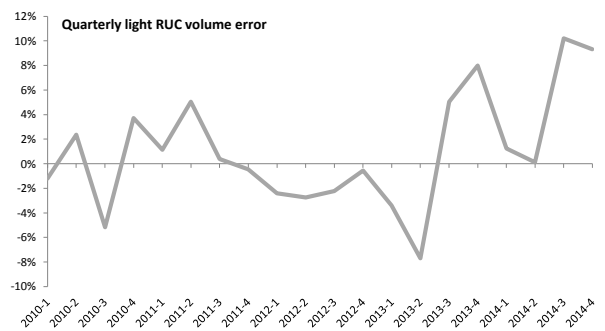
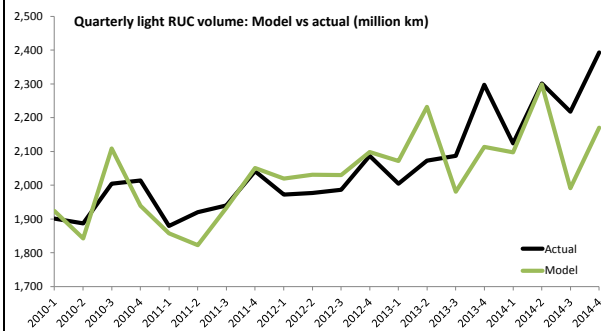
PED volume: Efficiency component



Model vs 4-quarter moving average of PED volume		Average error for last 3 June years		Implication for PED revenue		
Root mean squared error (km / litre):	0.2	km / litre	Percent	Sm	Percent	
Mean absolute percentage error:	1.5%	2012	-0.7%	10.4	0.7%	
		2013	-0.3%	5.1	0.3%	
		2014	#N/A	#N/A	#N/A	

Model vs actual quarterly PED volume	
Root mean squared error (km / litre):	0.8
Mean absolute percentage error:	6.6%

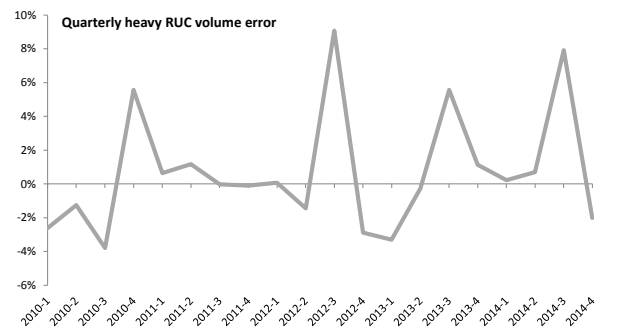
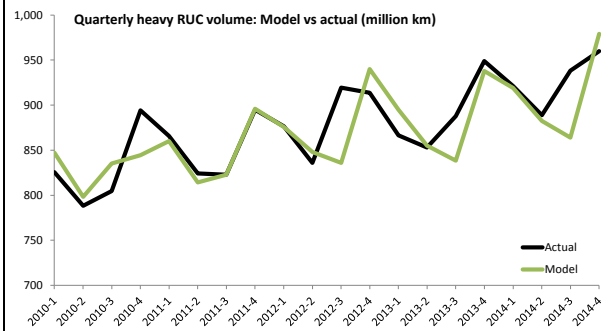
Light RUC volume



Model vs actual light RUC net km		Error for last 3 complete June years	
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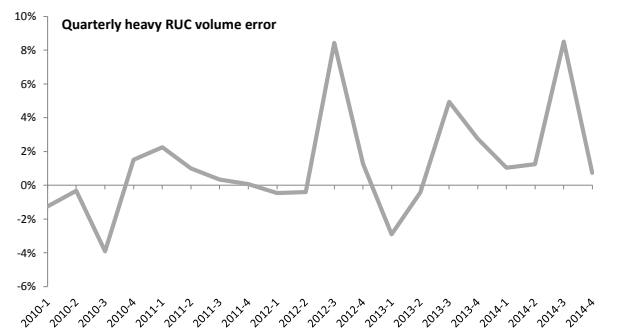
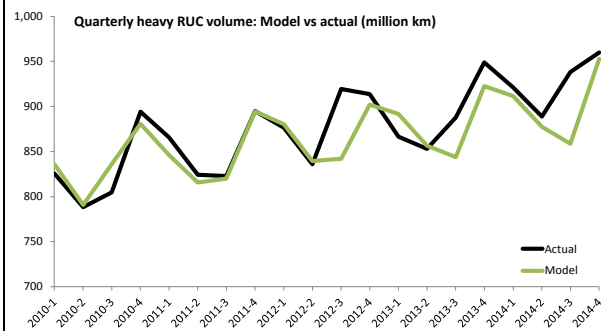
Root mean squared error (km):	103,090,763	km	Percent
Mean absolute percentage error:	3.6%	2012	-103,118,318 -1.3%
		2013	-282,981,154 -3.5%
		2014	318,561,421 3.6%

Heavy RUC volume: Primary model



Model vs actual light RUC net km		Error for last 3 complete June years	
Root mean squared error (km):	32,558,463	km	Percent
Mean absolute percentage error:	2.5%	2012	-12,338,843 -0.4%
		2013	26,310,895 0.7%
		2014	68,533,250 1.9%

Heavy RUC volume: Secondary model



Model vs actual light RUC net km		Error for last 3 complete June years	
Root mean squared error (km):	29,826,129	km	Percent
Mean absolute percentage error:	2.2%	2012	-3,886,540 -0.1%
		2013	60,251,307 1.7%
		2014	90,814,577 2.5%