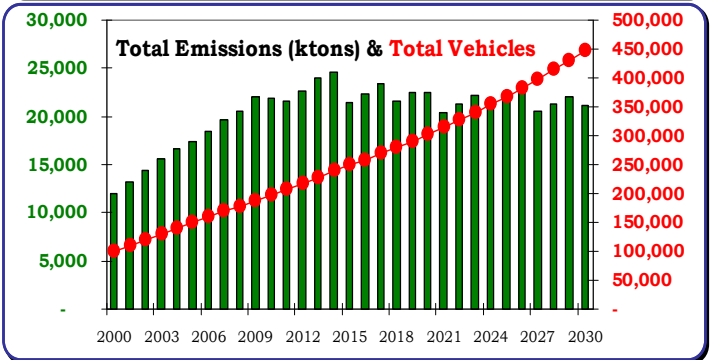
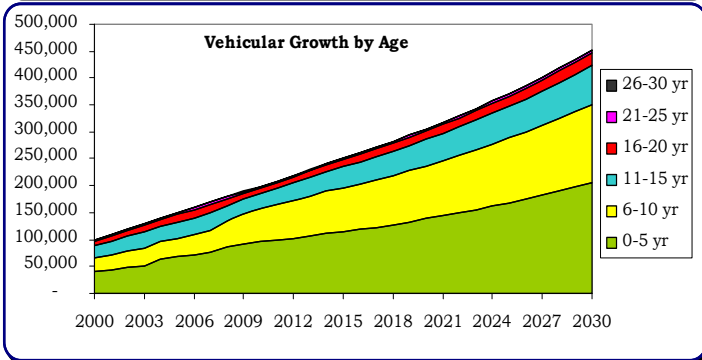
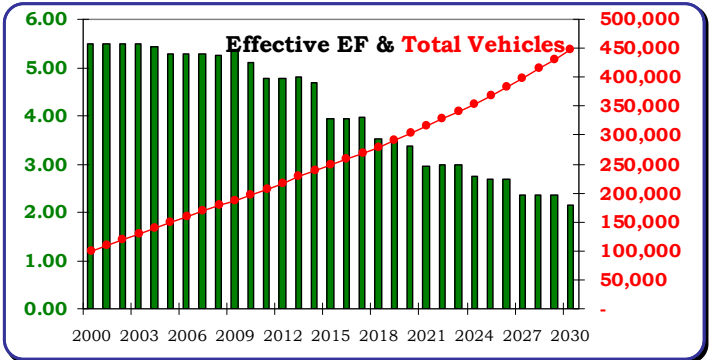
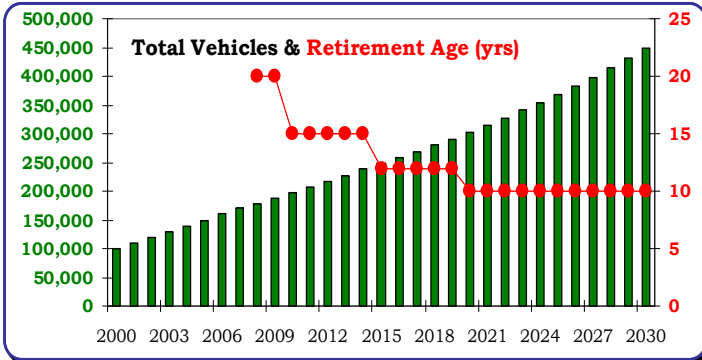
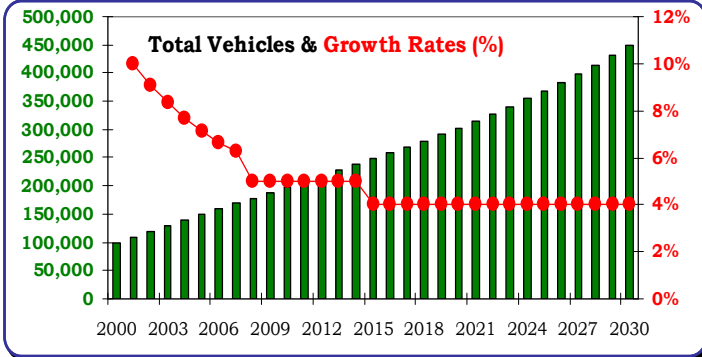


an illustration of calculations

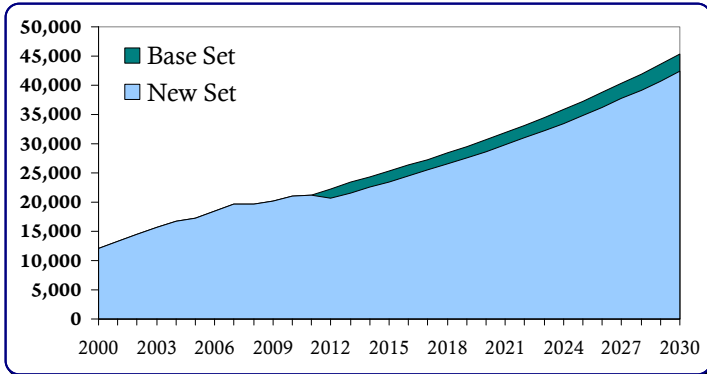


average
emission
factors
(gm/km)

use with
discretion

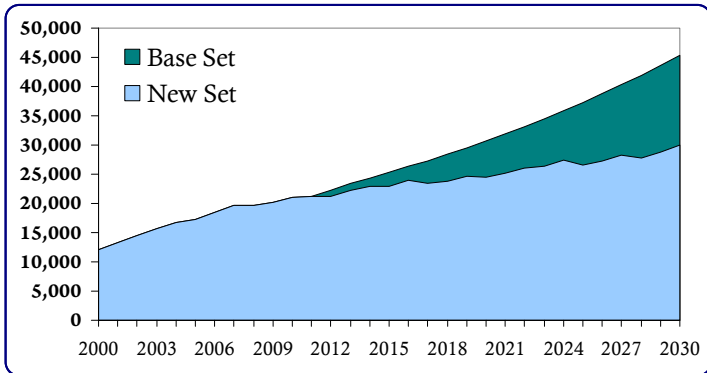
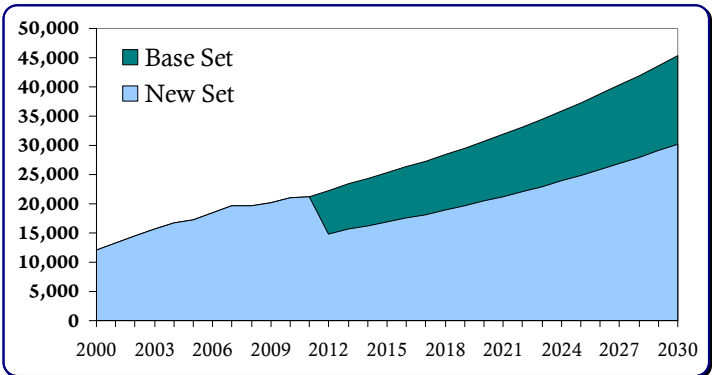
	Gasoline			Diesel				CNG			
	2Ws	3Ws	Cars	Cars	LDV	HDT	Bus	3Ws	Cars	LDV	Bus
PM ₁₀	0.10	0.20	0.10	1.00	1.25	2.00	1.50	0.10	0.05	0.02	0.02
PM _{2.5}	0.05	0.08	0.03	0.60	0.50	1.00	0.80	0.05	0.02	0.01	0.01
SO ₂	0.02	0.02	0.07	0.40	0.30	1.00	1.00	0.00	0.00	0.00	0.00
NO _x	0.15	0.10	0.20	1.25	2.00	10.0	10.0	0.35	0.20	3.50	2.50
CO	2.50	8.00	5.00	2.00	2.50	3.50	3.50	3.50	1.00	3.50	3.50
CO ₂	40	80	200	250	500	850	850	70	100	450	450
HC	1.50	5.00	1.00	0.40	0.20	1.00	1.00	0.15	0.02	0.10	0.10

a combination of scenarios can be evaluated by exploring the parameters; below are some sample illustrations



← changing retirement age from 20 yrs to 10 yrs in 2012

reducing the VKT by 30% from 60 km to 40 km in 2012 →



← introducing newer emission standards in 2012 & 2017

.. or a combination of all the above →

