



Fact sheet for Bosch press release on new car fuel economy by 2015

18 March 2013

20% improvement in efficiency (fuel economy) based on Bosch statements

Links to conversion factors for g/km CO₂ to MPG:

Petrol – <http://www.unitjuggler.com/convert-fuelconsumption-from-mpgimperial-to-gperkmgasoline.html>

Diesel – <http://www.unitjuggler.com/convert-fuelconsumption-from-mpgimperial-to-gperkmdiesel.html>

Converted average new car g/km CO₂ figure in MPG:

133.1g/km CO ₂ *	Petrol	Diesel
	49.2mpg	56.2mpg

Current UK fuel prices (at pump):

As of 12 th March 2013	Petrol	Diesel
	139.9p per litre	146.3p per litre

Conversion rate for litres to gallons: 4.5461 litres = 1 gallon

Average fuel cost for 12,000 miles of driving:

	Petrol	Diesel
2012	£1,549.94	£1,419.42
2015	£1,313.51	£1,202.90

Average new car fuel economy figures:

	Petrol	Diesel
2012	49.2mpg	56.2mpg
2015 (10% increase vs. 2012)	58.1mpg	66.4mpg

Converted average 2015 new car fuel economy in g/km CO₂:

Average figure of 73.8mpg = 112.8g/km CO₂

Average new car CO₂ emissions for 12,000 miles of driving:

2012	3.23 tonnes
2015	2.74 tonnes

Total new car CO2 emissions for 12,000 miles of driving:

2012	5,223,867.77 tonnes
2015	4,427,999.31 tonnes

Climate Change Act 2008 gives UK CO2 reduction target of 34% by 2020

VED band	Emissions	2012 average CO2	2012 registrations	2015 average CO2 (est.)
A	< 100g/km	95.8*	175,056*	81.2
B	100-110g/km	107.4*	227,869*	91.0
C	111-120g/km	116.7*	357,840*	98.9
Total registrations			760,765	

*Source: SMMT