

Cartell Environmental Information

The fuel efficiency of a car is influenced by multiple factors including, the weight of the vehicle, fuel type, engine cc, driver's behavior and tyre pressure to name but a few. Fuel efficiency expressed in L/100Km is proportionate to the amount of carbon dioxide CO₂ produced. CO₂ is a byproduct of combustion and the more fuel you use or the higher the L/100Km, the more CO₂ is created.

CO₂ is the main greenhouse gas responsible for global warming. It is in everyone's interest to maximize fuel efficiency thereby reducing the quantity of pollutants emitted by our everyday driving. Diesel vehicles generally produce less CO₂ per KM because they use less L/100KM *. Unfortunately they produce more particles because they burn less cleanly, numerous studies are ongoing to establish if diesel vehicles contribute to breathing disorders such as Asthma. In an attempt to promote the sale of more fuel efficient vehicles the Irish government altered the way in which road tax and VRT (Vehicle Registration Tax) are calculated. From July 2008 Irish VRT and road taxation rates for private vehicles will be based on their CO₂ rating, taxation bands are shown below.

* When identical makes and models of similar engine cc are compared where one is petrol & one is diesel.

CO ₂ emissions (g/km)	VRT Rates	Road Tax
< 120g A	14%	€ 104
121-140g B	16%	€ 156
141-155g C	20%	€ 302
156-170g D	24%	€ 447
171-190g E	28%	€ 630
191-225g F	32%	€ 1,050
226g + G	36%	€ 2,100

Vehicle Registration Tax:

Cartell has noted cases where CO₂ ratings used by Irish Revenue differ from those published by manufacturers or industry sources. We recommend that since your rate of VRT and Road Tax will be decided by the Revenue rating you should verify your taxation band before you purchase a new car or import a second hand car.