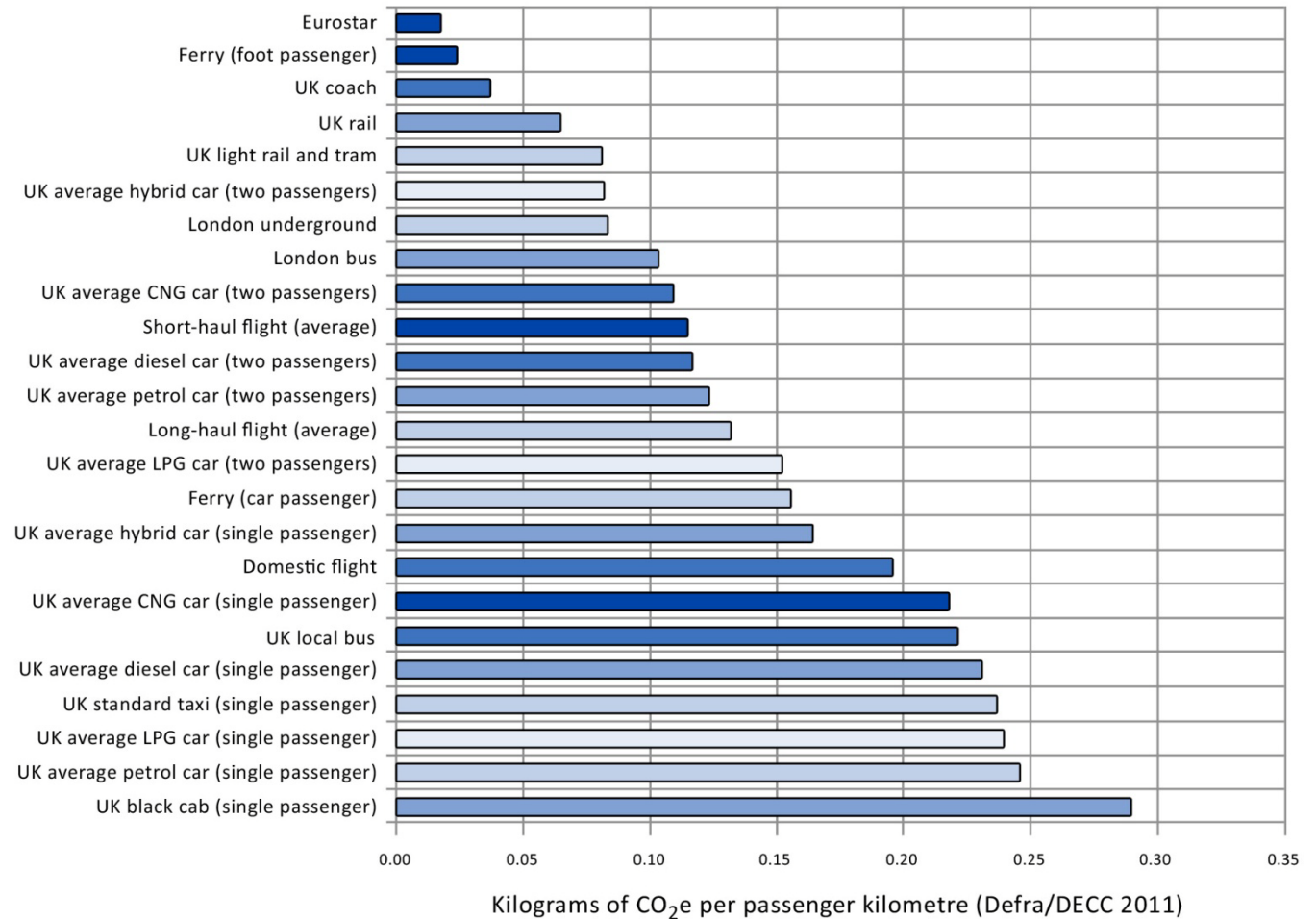
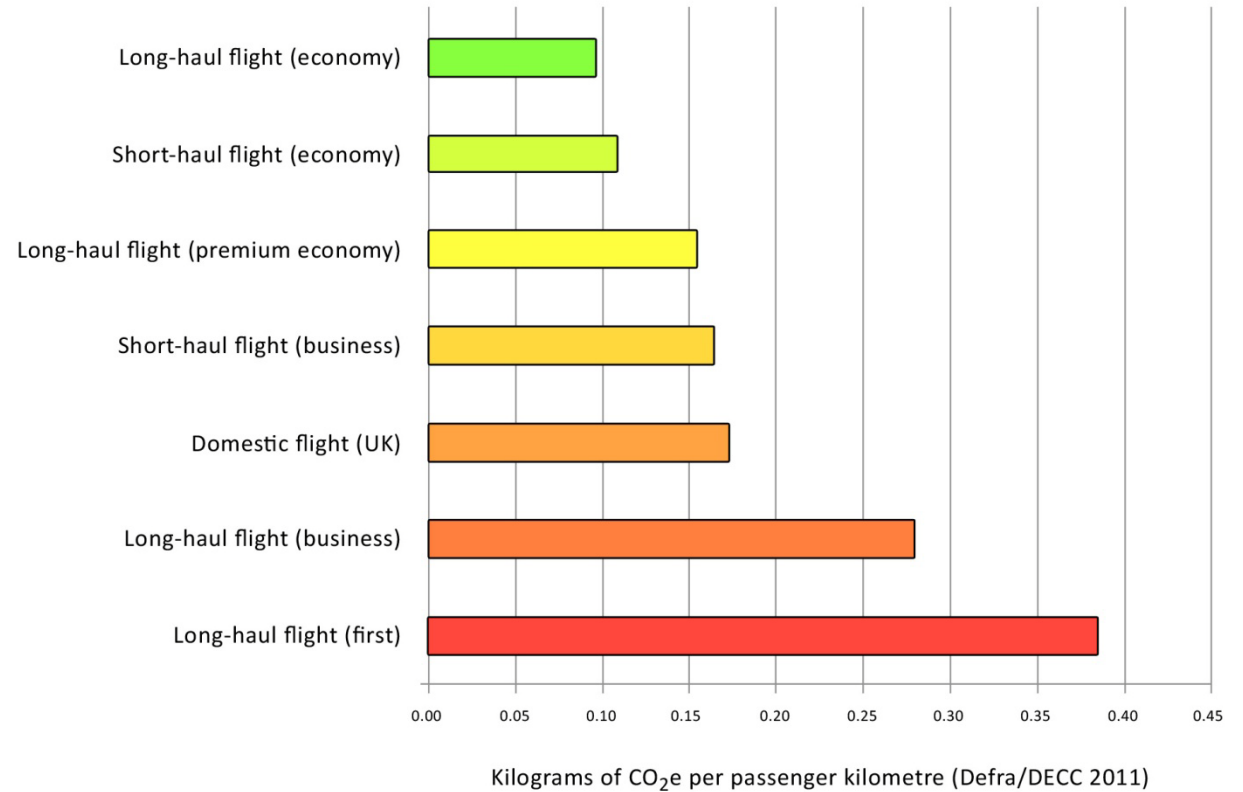


GHG Fact Sheet: Carbon Intensity of Travel Options

As illustrated below, the carbon intensity (typically measured in kilograms of CO₂e per passenger kilometre) of travel modes varies dramatically so the business travel choices made by an organisation can have a significant impact on its organisational carbon footprint. For example if a UK organisation were able to replace domestic flights with rail travel it would reduce the emissions associated with the journeys by around 67%.



On average the carbon intensity of short-haul air travel is greater than that of long-haul air travel because a greater portion of emissions are produced during the landing and take-off cycle. However, carbon intensity is also influenced by class of travel, as illustrated in the graph below, so a first class passenger on a long-haul flight has a carbon footprint four times greater than that of an economy class passenger.



All these emission factors can be found at **EmissionFactors.com**, along with over 45,000 other conversion and assumption factors. **EmissionFactors.com** is the best place to find emission factors on the internet – all it takes is just one simple search. Go to www.emissionfactors.com now and try it for yourself!