



Home - v - office working in the UK. How does it rate from a carbon perspective?

	Total Annual Carbon Emissions all employees (tonnesCO ₂ /yr)	Total Annual Carbon Emissions per employee (kgCO ₂ /yr) - 2019	Previous figure reported in 2007	Notes on changes in 2019
200 staff working from office	286.7	1.4	1.7	Minor adjustments on energy use profile, decrease due to electricity emission factor 25% lower
200 staff working from home, heating their whole house	505.9	2.5	2.4	Minor adjustments on energy use profile, decrease due to electricity emission factor 25% lower
200 staff working from home, and heating just their "home office"	123.9	0.6	0.9	Minor adjustments on energy use profile, decrease due to electricity emission factor 25% lower

© WSP Environmental 2019

Our study has reviewed the carbon emissions of 200 staff, either working from a home office or from an office over the course of 12 months. It is based on current, UK data.

The calculations used in this study have been prepared using good faith. The boundaries of the study include:

The electricity and gas used by staff in offices
Staff travel to and from the office
Electricity and gas used by staff in their homes during the working day

The study excludes:

The embedded energy of the buildings
Conditions outside 'average' UK businesses
The decisions made by staff in the course of their work
Other indirect impacts, such as whether a car at home is used by others, whether staff live further away if they telecommute for part of the week,
Other, beneficial sustainability impacts of home or of office working

Originally by	David Symons - UK Director of Sustainability WSP House 70 Chancery Lane London WC2A 1AF David.symons@wsp.com 44 207 314 5725
---------------	--

Updated by	Calculation update/QA by Sabbir Sidat/Andy Marsh-Patrick - June 2019 Emission factors update provided by Mike Hardisty - June 2019
------------	---