

Chesterfield's carbon emissions

Analysis of official greenhouse gas data

CBC Climate Forum: 7 October 2024



Local Authority carbon dioxide emissions

- Government annual statistics from 2005 onwards
- Lag in collection – 2022 data published in June 2024
- 2 main datasets:
 - Total greenhouse gas emissions by Local Authority
 - Total carbon dioxide emissions within the scope of Local Authorities

<https://www.gov.uk/government/statistics/uk-local-authority-and-regional-greenhouse-gas-emissions-statistics-2005-to-2022>

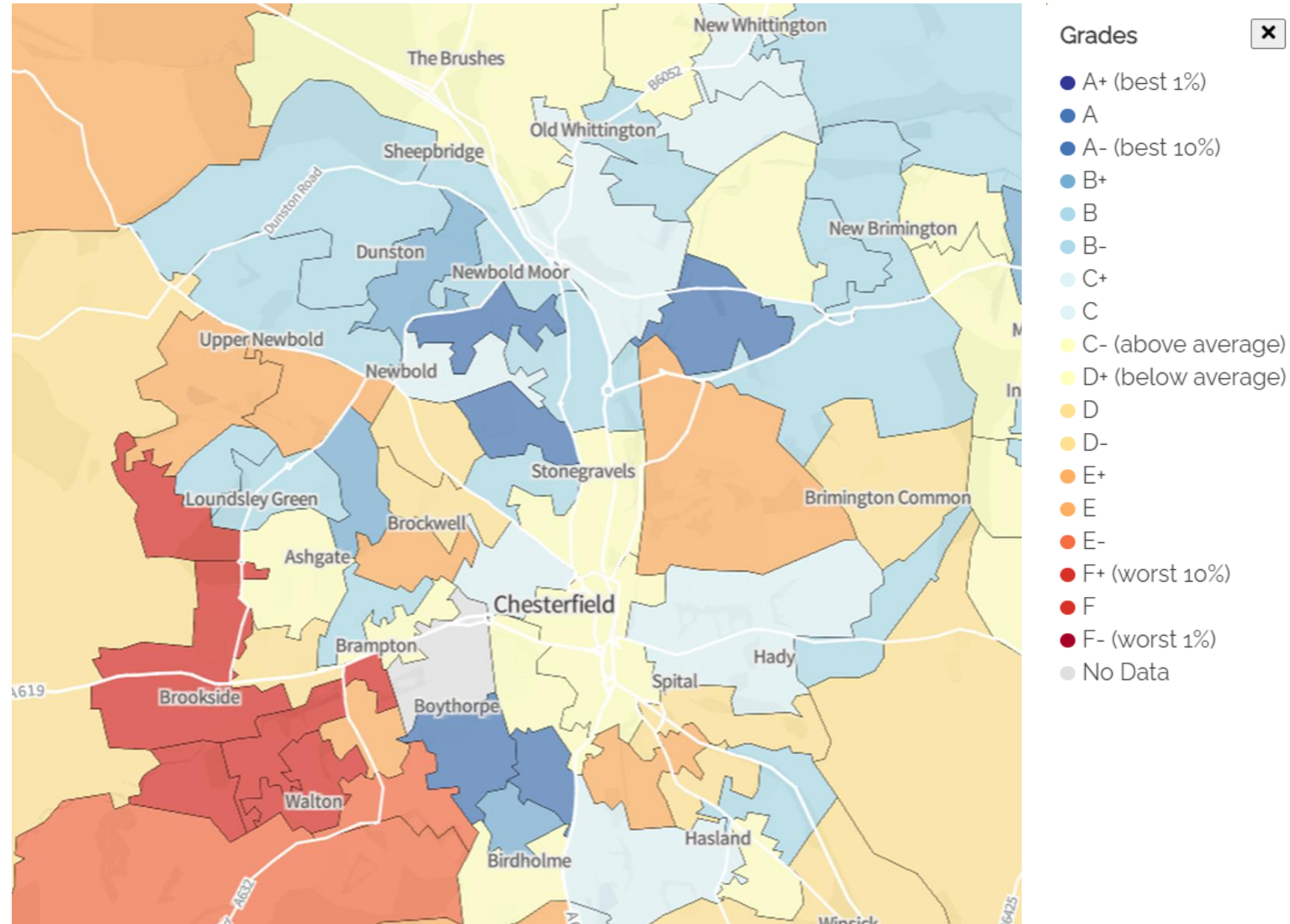
Chesterfield's emissions in 2022

Emission category	Emissions (million tonnes/year)	Per capita emissions (tonnes/capita)
Total emissions (GHG)	0.50	4.8
Emissions within the scope of influence of local authorities (CO ₂)	0.39	3.75

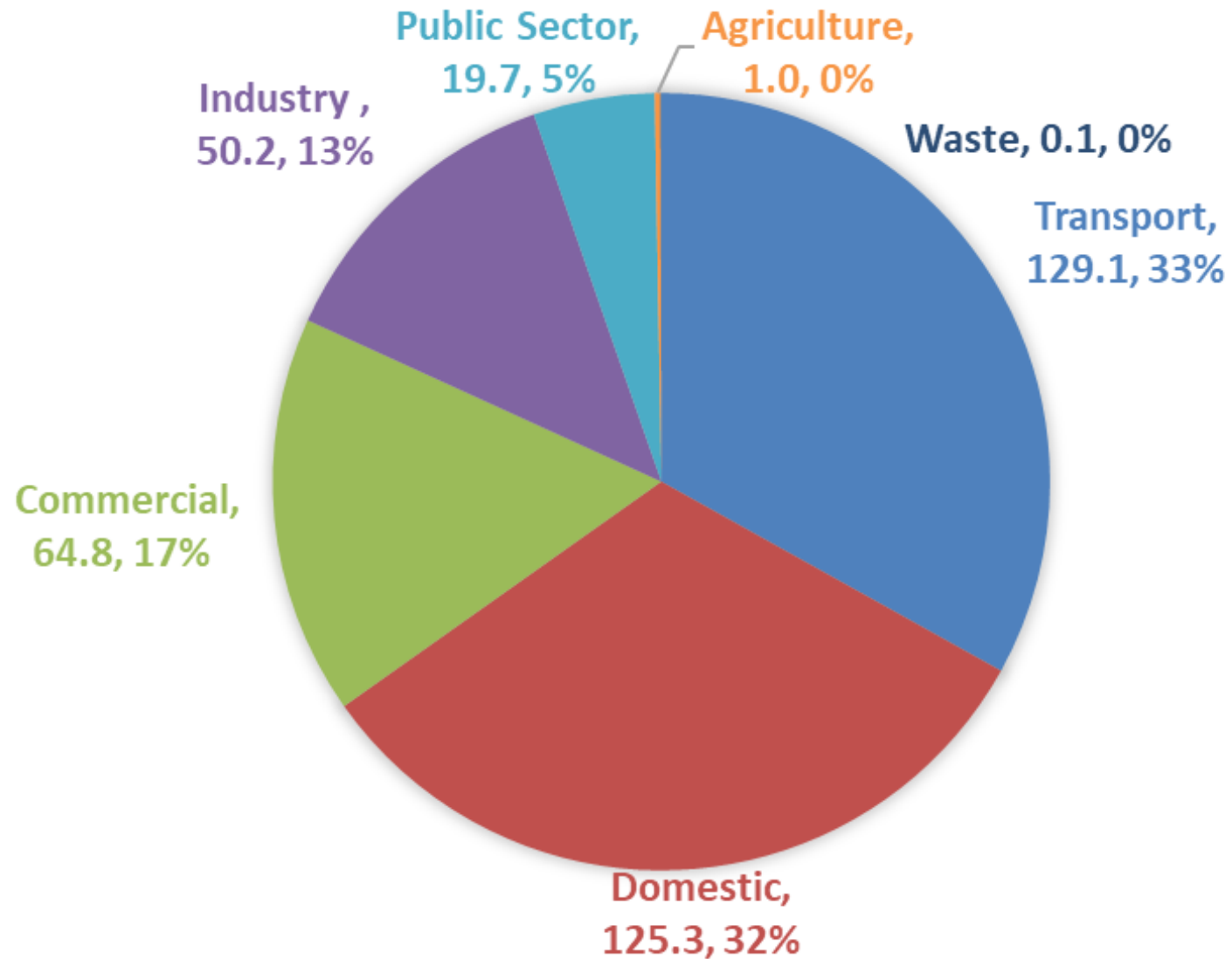
Carbon footprint by neighbourhood

www.carbon.place

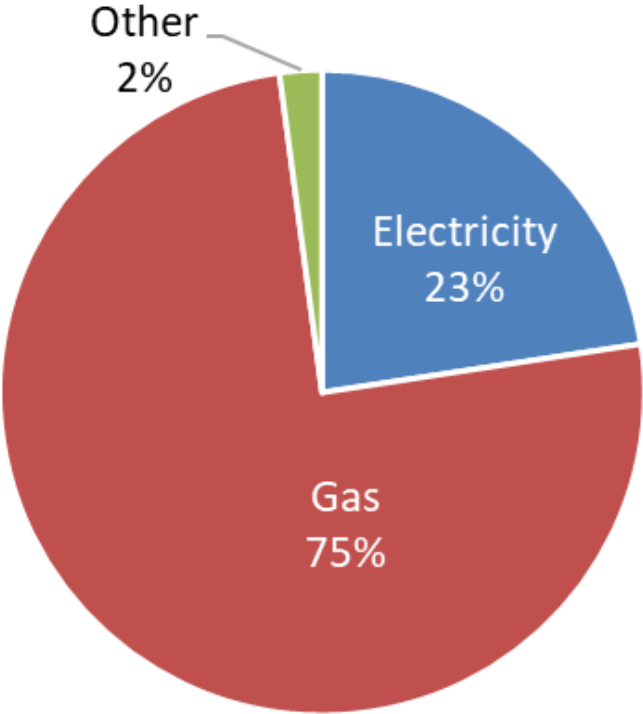
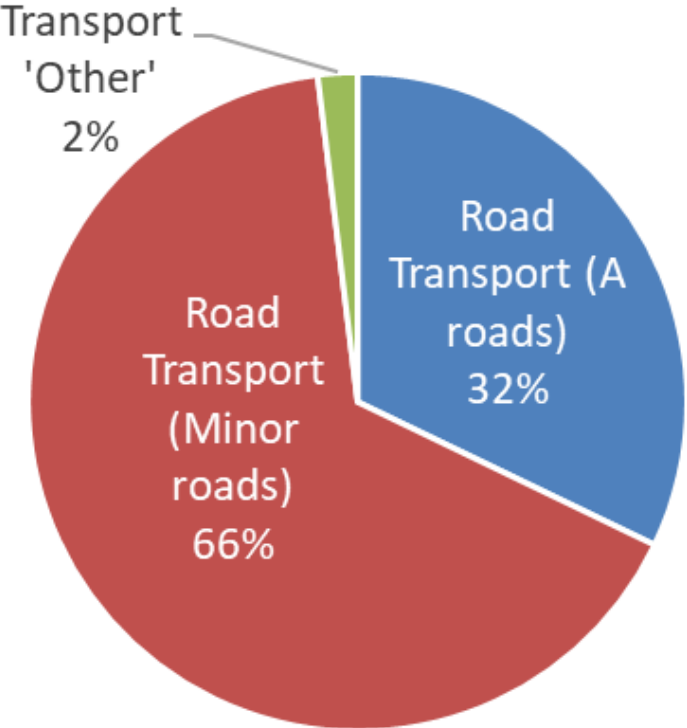
Postcode level domestic
gas/electricity
consumption in 2020



Emissions within the scope of CBC by sector

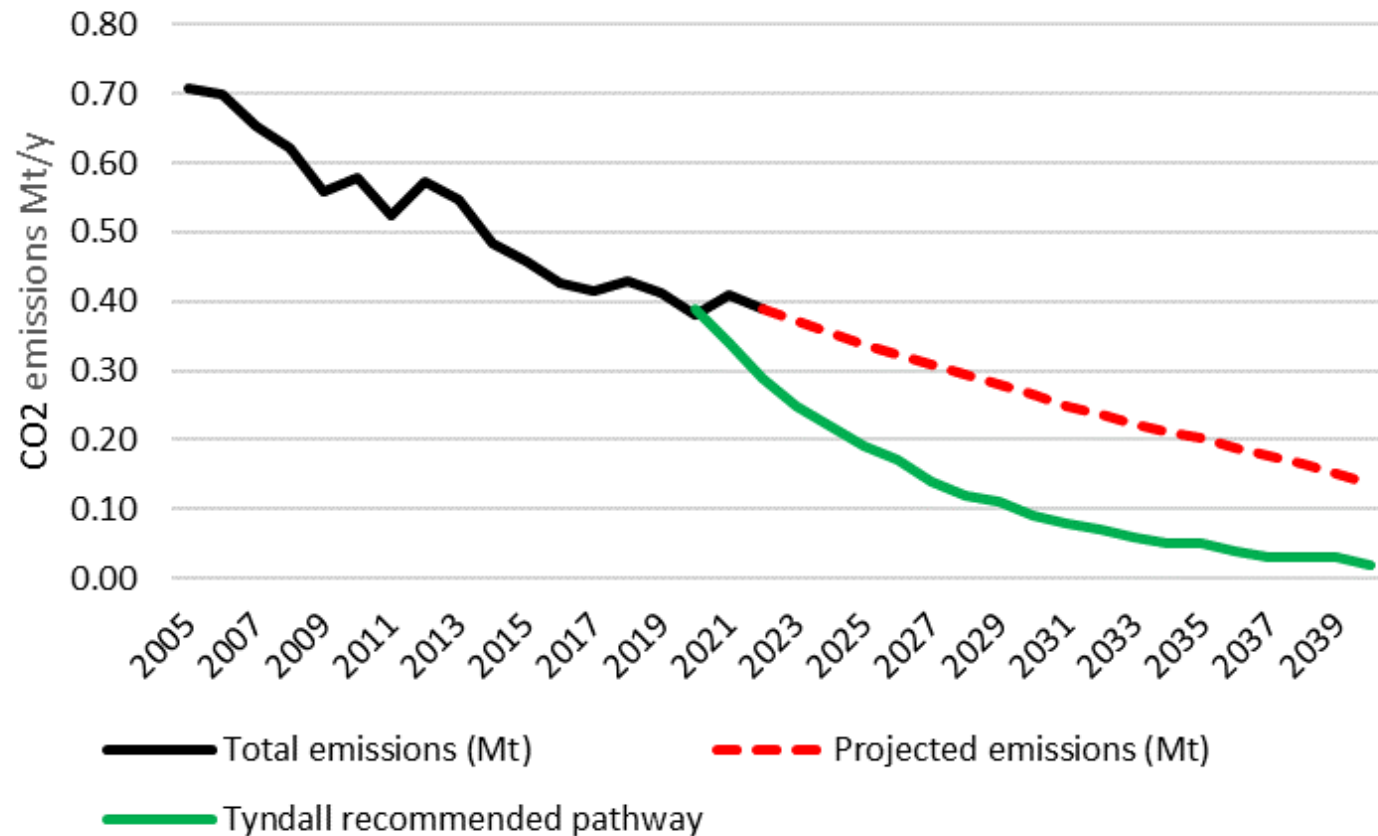


Chesterfield's transport & domestic emissions



Compliance with Tyndall 'targets'

- Tyndall Centre for Climate Research recommended pathways
- <https://carbonbudget.manchester.ac.uk/reports/E07000034/>



What can we do?

- Members of the public, business and industry leaders, Councillors and MPs need to be made aware of the enormity of the climate crisis.
- CBC/DCC need to do more, supported by the community, e.g.

https://groups.friendsoftheearth.uk/sites/default/files/documents/2023-08/Climate_Action_Plan_for_councils_2023.pdf

<https://www.centreforcities.org/publication/accelerating-net-zero-delivery-what-can-uk-cities-learn-from-around-the-world/>

<https://transitionchesterfield.org.uk/eco homes-2/>

- Local government needs to pressure the UK government to do more on climate action.

Thank you!

<https://transitionchesterfield.org.uk/>

Sign up for our monthly newsletter (info and events on climate action in Chesterfield – including other groups)

Contact: hello@transitionchesterfield.org.uk

Sign up to the Derbyshire Climate Coalition mailing list (info and events on climate action in Derbyshire)

Contact: transitionchesterfield@yahoo.co.uk