## The Carbon Footprint of Neurology Clinical Trials



Author: Cranley D., et al. Carbon footprint of a sample of clinical trials for people neurological disorders: cross-sectional analysis. BMJ Open, 2025; 0:e090419. Doi:10.1136/bmjopen-2-24-090419



Clinical trials are integral to routine healthcare, however, they make a significant contribution to greenhouse gas emissions.

Funding agencies, trialists and other stakeholders are developing guidelines to reduce the carbon footprint of clinical trials but we first need to increase the evidence base to identify the carbon hotspots in clinical trials.



Primary outcome measure was kilograms of Carbon Dioxide Equivalent (kg CO<sub>2</sub>e)

263,461 kg CO<sub>2</sub>e

## Results & Carbon Hotspots Identified

Return plane



clinical trials. Key recommendations include developing sustainable policies and incentives for trial teams—such as promoting digital solutions and encouraging low-carbon travel options.

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