

LEICESTER CITY HEALTH AND WELLBEING BOARD

Theme of Meeting	Healthy Places
Title:	Understanding the Level of Exposure to NO₂ Air Pollution: Walking, Cycling and Driving Journeys in Leicester
Presented to the Health and Wellbeing Board by:	Hannah May (LCC) and Joshua Vande Hey (UoL)
Date:	27th June 2019

EXECUTIVE SUMMARY:

The aim of this project was to obtain local data showing the difference in air pollution exposure to individuals who are walking and cycling compared to those who are driving the to/from work journey. This presentation outlines the first of two phases of research, the second of which will take place in the summer. The data from both studies together should contribute towards a robust evidence base for public messaging.

The rationale for carrying out the testing was to gain evidence to challenge, or otherwise, the assumption from the public that the air quality that active travellers are exposed to beside traffic is worse than the air quality inside the cabin of a car. The testing ensures that we are able to give an evidence-based message to the public on travel mode choice, aligned with public health.

Contributing to the objectives of the Joint Health and Wellbeing Strategy:

Healthy Places

- Improve air quality

RECOMMENDATIONS:

The Health and Wellbeing Board is requested to:

- Note the work undertaken so far and intention to conduct a further study to support evidence-based messaging to the public on travel modes.

- Support the dissemination of public messaging developed with public health in your organisation.