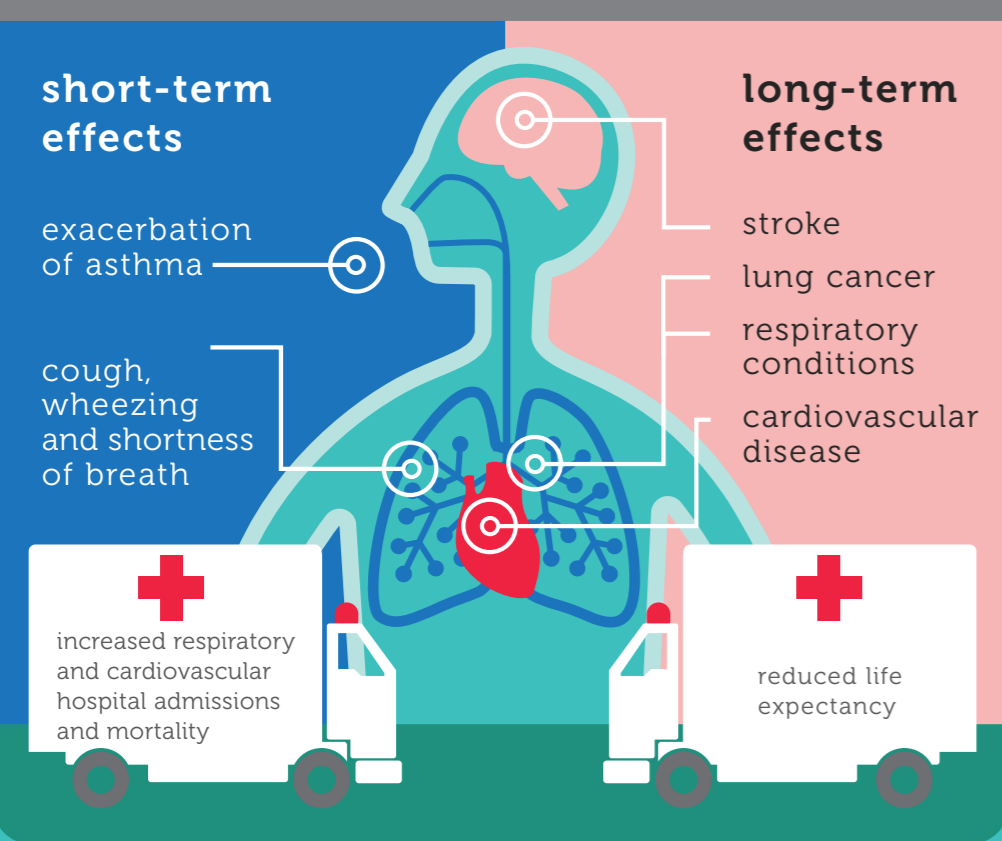


Air Pollution and Health

Key findings from the Health Needs Assessment (2023)



Health effects of air pollution



54
of every 1000 deaths in Leeds are connected to air pollution.¹



60%***
of people living in deprived Leeds are exposed to the highest levels of nitrogen dioxide.³



Nearly **90%**
of those surveyed with a lung or heart condition in Leeds have not had a conversation about air pollution with a healthcare professional.



19%**
of people living in deprived Leeds are exposed to the highest levels of particulate matter.²

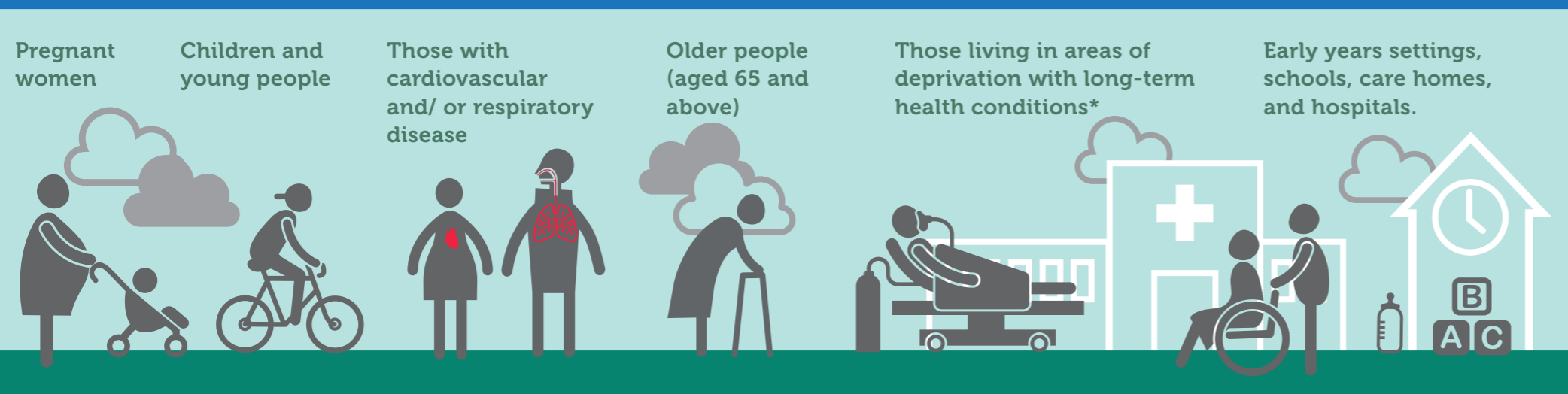


80%+
of a typical adult day is spent indoors, making indoor air pollution a key area for action.

Key recommendations

1. Ensuring better access to reliable information and key health messages across the city.
2. Stronger engagement with communities at higher risk of the impacts of air pollution.
3. Workforce development that supports the training needs of the wider public health workforce.
4. Supporting health professionals to understand the links between air pollution and health, helping to facilitate meaningful conversations with patients and service users.
5. Supporting owners and operators of private buildings and public spaces to promote good indoor air quality.
6. Promoting protective behaviours people can adopt to improve the health effects from indoor air quality.

Air pollution affects everyone but there are inequalities in exposure and the greatest impact on the most vulnerable:



References:

¹ Fingertips, 2021;
² and ³ UKHSA Air Pollution Exposure Surveillance, 2018.

* Deprived Leeds refers to people living in Leeds who live in an area ranking in the 10% most deprived nationally. The Health Needs Assessment on Air Quality in Leeds is available to read on the Leeds Observatory.

** (compared to 5% of the Leeds population) Sources of particulate matter include domestic wood and coal burning, industrial combustion, and use of solvents.
*** (compared to 18% of the Leeds population) Sources of nitrogen dioxide include road transport and energy generation.