

What is air pollution?

Air pollution describes the harmful gases and particles in the air from natural sources and human activity. This includes pollutants such as Nitrogen Dioxide (NO₂) and Particulate Matter.



Air pollution can be damaging to human health at high concentrations or when exposed for long periods of time.

What did the study monitor?

Using air quality sensors, NO₂ and particulate matter concentrations were measured along main road and backstreet routes to schools at morning drop-off and afternoon pick-up times.



Morning and afternoon pollutant concentrations on walking routes around A14 Rouge Bouillon.



Morning and afternoon pollutant concentrations on walking routes around Wellington Road.

What did the study find?

NO₂ levels were highest along main road routes.

Pollution levels were higher at morning drop off times.

The vehicle traffic passing along main road routes and idling vehicles waiting to collect pupils, created pollution hotspots at pick up time for each school.



What can you do?

- Take backstreet routes to school instead of main road routes to reduce exposure to elevated pollutant concentrations.
- Walk to school where possible to realise the health benefits and reduce motorised vehicle traffic.
- Ask parents and guardians to turn off engines when stationary to reduce emissions from engine idling.



For more information and to view the main report, see gov.je/Environment and gov.je/activetravel