



## Health effects from PM10 per 100,000 people 2006 and 2012

Title	Health effects from PM10 per 100,000 people 2006 and 2012
Publisher	New Zealand's Environmental Reporting Series: The Ministry for the Environment and Statistics New Zealand
Description	<p>Particulate matter 10 micrometres or less in diameter (PM10) in the air comprises solid particles and liquid droplets from both natural and human-made sources. PM10 is of particular concern because of high concentrations in some areas. It can also damage health, with associated effects ranging from respiratory irritation to cancer. This indicator considers PM10 from human-made sources, such as burning wood or coal for home heating or road motor vehicle emissions. We report on the estimated number of premature deaths, hospitalisations, and restricted activity days for the New Zealand population (per 100,000 people) from exposure to PM10 from human activities. • Premature deaths are deaths, often preventable, that occur before a person reaches the age they were expected to live to. • Hospitalisations relate to hospitalisations for respiratory and cardiac illnesses (not including cases leading to premature death). • Restricted activity days occur when symptoms are sufficient to limit usual activities such as work or study. This dataset relates to the "Health effects from exposure to PM10" measure on the Environmental Indicators, Te taiao Aotearoa website. The Health effects from PM10: 2012 updated HAPINZ model can be found at <a href="https://data.mfe.govt.nz/x/KJdi75">https://data.mfe.govt.nz/x/KJdi75</a> and the updated exposure model can be found at <a href="https://data.mfe.govt.nz/x/wgSS3a">https://data.mfe.govt.nz/x/wgSS3a</a> on the Ministry for the Environment dataservice (<a href="https://data.mfe.govt.nz/">https://data.mfe.govt.nz/</a>).</p>
Source	Health and Air Pollution in New Zealand model, 2012 (HAPINZ), updated by The National Institute of Water and Atmospheric Research Ltd.
Rights	Creative Commons Attribution 3.0 New Zealand
Coverage	National (2006, 2012)
Identifier	<a href="https://data.mfe.govt.nz/table/52597-health-effects-from-pm10-per-100000-people-2006-and-2012/">https://data.mfe.govt.nz/table/52597-health-effects-from-pm10-per-100000-people-2006-and-2012/</a>
Type	Dataset
Language	eng-nz
Subject	particulate matter, health effects, premature death, hospitalisation, restricted activity day, air

| quality