

Information topic	Details
Indicator name	Monitoring sites exceeding the WHO daily guideline for sulphur dioxide
Domain and topic	Air Quality: Other air pollutants
Indicator definition and units	Number of monitored sites that exceeded the WHO 24-hour guideline for sulphur dioxide: exceedances occur when 24-hour average concentrations are greater than 20µg/m ³ (Ministry for the Environment and Stats NZ 2018).
Data source	Ministry for the Environment and Stats NZ. New Zealand's Environmental Reporting Series. URL: https://data.mfe.govt.nz/
Numerator	Monitoring sites exceeding the WHO 24-hour guideline
Time period and time scale	Annual; from 2008 onwards
Spatial Coverage	All sites with valid data that were reported by the Ministry for the Environment and Stats NZ
Measures of frequency	Number of exceedances of WHO 24-hour guideline, by monitoring station and year
Limitations of indicator	The population coverage of the monitoring site is unknown, meaning a national representative average cannot be applied.
Limitations of data source	<ul style="list-style-type: none"> - Monitoring information is only reported if the site achieves greater than 75% valid data collection. - Some of the monitoring occurs at peak sites (sites expected to have high concentrations eg. where home heating emissions accumulate, close to high-volume road traffic or near industrial activities). These sites may therefore not be representative of the surrounding area.
Created by	Ministry for the Environment and Stats NZ
Related indicators	<ul style="list-style-type: none"> - Monitoring sites exceeding the national environmental standard for sulphur dioxide - Annual average nitrogen dioxide concentration at monitoring sites - Nitrogen dioxide 1-hour maximum levels at monitoring sites - Carbon monoxide 8-hour maximum levels at monitored

	sites
For more information	Ministry for the Environment and Stats NZ. Environmental reporting on air. URL: https://www.mfe.govt.nz/air/state-of-our-air/environmental-reporting-air (accessed July 2019).
References	Ministry for the Environment and Stats NZ. 2018. <i>Our air 2018. Data to 2017</i> . Wellington: Ministry for the Environment.