



Particulate matter concentrations 2006–2013

Metadata

File Identifier

cafb748-cc31-5e07-c97d-d4e7abc0ff5c

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Organisation Name

Environmental Reporting, Ministry for the Environment and Statistics New Zealand

Position Name

Analyst

Contact Info

Contact

Address

Address

Delivery Point

23 Kate Sheppard Place, PO Box 10362

City

Wellington 6143

Country

New Zealand

Electronic Mail Address

Environmental.Reporting@mfe.govt.nz

Role

Role Code

distributor

Date Stamp

Date

2016-01-22

Metadata Standard Name

ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Metadata Standard Version

1.1

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

Identification Info

Data Identification

Citation

Citation

Title

Particulate matter concentrations 2006–2013

Date

Abstract

"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 can be emitted from the combustion of fuels, such as wood and coal (eg from home heating and industry), and petrol and diesel (from vehicles). Natural PM10 includes sea salt, dust, pollen, smoke (from bush fires), and volcanic ash. Nationally, burning wood or coal for home heating is the main human-made source of PM10. PM10 is of particular concern because it is found in high concentrations in some areas and can damage health. It is associated with effects ranging from respiratory irritation to some forms of cancer. This dataset shows annual average PM10 concentrations for years 2006 to 2013. Field names are PM10_<year>. This dataset also shows describes whether the PM10 trend, ie, whether concentrations have shown statistically significantly increases, decreases, or an indeterminate trend. Data is broken down by monitoring site. This dataset relates to the "Annual average PM10 concentrations in towns and cities" measure on the Environmental Indicators, Te taiao Aotearoa website. Geometry: Points Units: micrograms/m3"

Status

Progress Code

completed

Point Of Contact

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Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

irregular

Resource Format

Format

Name

*.xml

Version

Unknown

Descriptive Keywords

Keywords

Keyword

| New Zealand

Type

Keyword Type Code

| theme

Thesaurus Name

Citation

Title

| ANZLIC Jurisdictions

Date

Edition

| Version 2.1

Edition Date

Date

| 2008-10-29

Identifier

Identifier

Code

| <http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml#anzlic-jurisdic>

Cited Responsible Party

Responsible Party

Organisation Name

| ANZLIC the Spatial Information Council

Role

Role Code

| custodian

Descriptive Keywords

Keywords

Keyword

| POLLUTION-Air

Type

Keyword Type Code

| theme

Thesaurus Name

Citation

Title

| ANZLIC Search Words

Date

Edition

| Version 2.1

Edition Date

Date

| 2008-05-16

Identifier

Identifier

Code

| <http://asdd.ga.gov.au/asdd/profileinfo/anzlic-theme.xml#anzlic-theme>

Cited Responsible Party

Responsible Party

Organisation Name

| ANZLIC the Spatial Information Council

Role

Role Code
custodian

Resource Constraints

Legal Constraints

Use Limitation

Creative Commons Attribution 3.0 New Zealand by Ministry for the Environment

Access Constraints

Restriction Code

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Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

environment

Extent

EX_ Extent

Geographic Element

EX_ Geographic Description

Identifier

Authority

Citation

Title

ANZMet Lite Country codelist

Date

Edition

Version 1.0

Edition Date

Date

2009-03-31

Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-country.xml#Country>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

Code
nzl

Extent

EX_ Extent

Geographic Element

EX_ Geographic Bounding Box

168.370698763176.897010453-46.4317541269-35.7267577635

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.mfe.govt.nz/layer/52667-particulate-matter-concentrations-20062013/>

Data Quality Info

DQ_ Data Quality

Scope

DQ_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI_ Lineage

Statement

Source: Regional councils of Northland, Bay of Plenty, Waikato, Hawke's Bay, Manawatu-Wanganui, Wellington, Canterbury, West Coast, Otago, Southland; district councils of Marlborough and Tasman; Nelson City Council; Auckland Council Method: "The annual average PM10 concentrations are from regional council and unitary authority monitoring sites. Monitoring information is only included if the site has: - valid data for 75 percent of the year - follows good practice approaches (Ministry for the Environment, 2009) - has data that meets the above criteria for six of the eight years from 2006 to 2013. The sample of monitoring sites varies year to year, with additional sites being included if best practice approaches are followed or omitted if not of adequate standard. Trend information is only included if the site met the requirements for at least 6 out of the 8 years from 2006 to 2013. This resulted in a total of 44 sites being included for the trend analysis. Not all of these sites had data for all eight years. Approximately 65 percent of New Zealand's population resides within monitored areas. Some of the monitoring occurs at sites expected to have the highest concentrations (eg where home heating emissions accumulate or close to high-volume road traffic), and may therefore not be representative of the whole population of the area it is located in. Reference: Ministry for the Environment (2009). Good practice guide for air quality monitoring and data management. Available from www.mfe.govt.nz."

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