



Tatauranga Aotearoa

Meshblock 2018 Clipped (generalised)

Metadata

File Identifier

3193e7f0-a0c1-fed4-2000-9718e7c4969d

Language

Language Code

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataset

Hierarchy Level Name

dataset

Contact

Responsible Party

Individual Name

Geospatial Team

Organisation Name

Stats NZ

Contact Info

Contact

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Address

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Role

Role Code

Owner

Date Stamp

Date

2017-12-04

Metadata Standard Name

ISO 19139 Geographic Information - Metadata - Implementation Specification

Metadata Standard Version

2007

Spatial Representation Info

Vector Spatial Representation

Topology Level Code

geometryOnly

Geometric Object Type Code

composite

Integer

52923

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

2193

Code Space

EPSG

Version

8.6.2

Identification Info

Data Identification

Citation

Citation

Title

MB2018_V1_00_Clipped

Presentation Form

Presentation Form Code

mapDigital

Abstract

This dataset is the major released version of the annually released meshblock boundaries as at 1 January 2018, clipped to the coastline. Stats NZ maintains an annual meshblock geography for collecting and producing statistical data. This allows data to be compared over time. A meshblock is the smallest geographic unit for which statistical data is collected and processed by Stats NZ. A meshblock is defined by a geographic area, which can vary in size from part of a city block to a large area of rural land. Each meshblock borders on another to form a network covering all of New Zealand, including coasts and inlets and extending out to the 200-mile economic zone. Meshblocks are added together to build up larger geographic areas such as statistical area 1 (SA1), statistical area 2 (SA2), and urban rural. They are also used to define electoral districts, territorial authorities, and regional councils. There are two ways of amending meshblock boundaries. Splitting is subdividing a meshblock into two or more meshblocks. Nudging is shifting a boundary to a more appropriate position. Reasons for splits and nudges include: to accommodate changes to local government boundaries, which are required by the Local Government Act 2002 to follow meshblocks for electoral purposes to accommodate changes to parliamentary electoral boundaries, following each Electoral Representation Commission review after each five-yearly Census of Population and Dwelling to make changes to statistical boundaries such as statistical area 1 (SA1), statistical area 2 (SA2), and urban rural to enable changes to census collection districts to improve the size balance of meshblocks in areas where there has been population growth to separate land and water – e.g. mainland, islands, inlets, and oceanic are defined separately to accommodate requests from other users of the meshblock pattern e.g. NZ Police for their station, area, and district boundaries. Meshblock numbering process until 2014 (MB 2014) Meshblocks were allocated

a unique seven-digit number. The first five digits were unique, and referred to the original 1976 meshblock code. The two end numbers referred to sequential meshblock splits to the original meshblock. When a meshblock was split the final two digits of the original meshblock number were changed. Stats NZ maintains a concordance file to ensure that boundaries relating to earlier meshblock patterns can also be produced. Meshblock numbering process from 2015 (MB 2015) Due to new technology being introduced for splitting and nudging meshblocks, the process for allocating a unique seven-digit number has changed. New meshblock numbering is approximately sequential. The first meshblock number in this new sequential numbering pattern is 4000000. This differentiates meshblocks split from MB2015 onwards, and allows for a large number of unique seven digit identifiers to be allocated. Now when a meshblock is split it takes on the next available number, rather than following the former process described above. For example, a meshblock numbered 3254000 is split into two meshblocks. Using the new numbering process the system will assign the first available sequential numbers. The following table shows how the two meshblocks would be numbered based on the old and new processes.

Original meshblock numbering	New meshblock numbering
3254000	3254001
3254000	3254002

The digital geographic boundaries are defined and maintained by Stats NZ. Meshblocks cover the land area of New Zealand, the water area to the 12-mile limit, the Chatham Islands, Kermadec Islands, sub-Antarctic islands, off-shore oil rigs, and Ross Dependency. The following 16 meshblocks are not held in digitised form.

Meshblock	Location (statistical area 2 name)
0016901	Oceanic Kermadec Islands
0016902	Kermadec Islands
1588000	Oceanic Oil Rig Taranaki
3166401	Oceanic Campbell Island
3166402	Campbell Island
3166600	Oceanic Oil Rig Southland
3166710	Oceanic Auckland Islands
3166711	Auckland Islands
3195000	Ross Dependency
3196001	New Zealand Economic Zone
3196002	Oceanic Bounty Islands
3196003	Bounty Islands
3196004	Oceanic Snares Islands
3196005	Snares Island
3196006	Oceanic Antipodes Islands
3196007	Antipodes Islands

Meshblock boundaries generally follow road centre-lines, cadastral property boundaries or topographical features (e.g. rivers). Expanses of water in the form of lakes and inlets are defined separately from land. The annual pattern of digital boundaries is used for the full calendar year from 1 January. Digital boundary data became freely available on 1 July 2007.

Purpose

MB2018_V1_00_Clipped is a major released version of the annually released meshblock boundaries as at 1 January 2018, clipped to the coastline. This clipped version has been created for map creation/cartographic purposes and so does not fully represent the official full extent boundaries. This version contains 52,923 meshblocks.

Descriptive Keywords

Keywords

Keyword

Downloadable Data

Descriptive Keywords

Keywords

Keyword

meshblock

Keyword

MB

Keyword

Meshblock

Keyword

mb

Keyword

Statistics New Zealand

Keyword
Stats NZ

Keyword
Statistics NZ

Keyword
Clipped

Keyword
clipped

Spatial Representation Type Code
vector

Language
Language Code
eng

Character Set
Character Set Code
utf8

Version 6.2 (Build 9200) ; Esri ArcGIS 10.3.1.4959

Extent
EX_Extent
Geographic Element
EX_Geographic Bounding Box
Extent Type Code
Boolean
true

-180180-47.421563-33.773451

Distribution Info
Distribution
Distribution Format
Format
Name
File Geodatabase Feature Class

Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://datafinder.stats.govt.nz/layer/92198-meshblock-2018-clipped-generalised/>

Data Quality Info
DQ_Data Quality
Lineage
LI_Lineage
Statement
The digital meshblock boundaries are stored and maintained by Stats NZ. Non-alignment of meshblock and cadastral boundaries are one of a number of reasons for meshblock boundary adjustments. Other reasons include requests from local authorities, Local Government Commission, Electoral Representation Commission and to make census enumeration processes easier. From the generalised meshblock pattern, higher geographies are dissolved

using the dissolve tool in the Arc GIS suite to create multiple output datasets. To derive the meshblock boundaries clipped to the coastline, meshblock polygons were dissolved to exclude meshblocks with a land/water attribute of Inlet or Oceanic.

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