



Tatauranga Aotearoa

# Meshblock 2020 (Centroid True)

## Metadata

### File Identifier

385eec23-b6d3-7c23-e89b-9e846deeb4ba

### 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

##### Phone

###### Telephone

###### Voice

0508 525 525

##### Address

###### Address

###### Electronic Mail Address

geography@stats.govt.nz

##### Online Resource

###### Online Resource

###### Linkage

###### URL

<https://datafinder.stats.govt.nz/>

### Role

#### Role Code

owner

## Date Stamp

### Date

2020-01-17

#### 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

point

##### Integer

53580

#### 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

MB2020\_V1\_00\_Centroid\_True

##### Date

##### Presentation Form

##### Presentation Form Code

mapDigital

#### Abstract

This dataset contains the true centroid point layer for the annually released meshblock boundaries as at 1 January 2020. The "true" centroid is the centre of mass of that polygon, such that if some flat substance of uniform thickness and density were cut into the shape of that polygon, then that object would balance at the centroid. The centroid is a useful way of summarizing the locations of a set of polygons as points, particularly when used for comparative analysis. Note that the centroid could potentially fall outside the meshblock polygon, depending on the shape of the polygon. The dataset contains the EASTING and NORTHING attributes of the centroid point in NZGD2000 New Zealand Transverse Mercator (EPSG:2193) and LATITUDE and LONGITUDE of the centroid point in decimal degrees in WGS1984 (EPSG:4326) projection. Non-digitised meshblocks cannot have a centroid.

#### Purpose

This dataset contains the true centroid point layer for the annually released meshblock boundaries

as at 1 January 2020.

## Credit

Stats NZ

## Point Of Contact

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#### Individual Name

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## Descriptive Keywords

### Keywords

#### Keyword

Centroids

#### Type

##### Keyword Type Code

theme

## Descriptive Keywords

### Keywords

#### Keyword

Downloadable Data

## Resource Constraints

### Constraints

#### Use Limitation

Creative Commons Attribution 4.0 International (CC BY 4.0)

## Spatial Representation Type Code

vector

## Language

Language Code

eng

Character Set

Character Set Code

utf8

Topic Category Code

boundaries

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

-180180-47.377131-33.811459

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/104429-meshblock-2020-centroid-true/>

Data Quality Info

DQ\_ Data Quality

Scope

DQ\_ Scope

Level

Scope Code

dataset

Lineage

LI\_ Lineage

Statement

SA2s are based on the meshblock pattern. Non-alignment of meshblock to cadastral boundaries is 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 meshblock pattern, higher geographies, including the 2020 statistical area 2 pattern, were dissolved using the dissolve tool in the Arc GIS suite. To derive the SA2 boundaries clipped to the coastline, meshblock polygons were dissolved to exclude meshblocks with a land/water attribute of Inlet or Oceanic.

Metadata Constraints

Legal Constraints

Use Limitation

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**Use Constraints**  
**Restriction Code**  
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