



Tatauranga Aotearoa

Statistical Area 2 2020 (Centroid True)

#### Metadata

##### File Identifier

8771a5fc-51f2-5926-3460-543945845522

##### Language

eng

##### 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

#### Date Stamp

##### Date Time

20200117

#### Metadata Standard Name

ISO 19115:2003/19139

#### Metadata Standard Version

1.0

#### Spatial Representation Info

##### Vector Spatial Representation

Integer

## Identification Info

### Data Identification

#### Citation

##### Citation

##### Title

SA22020\_V1\_00\_Centroid\_True

### Abstract

This dataset contains the true centroid point layer for the annually released statistical area 2 (SA2) 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 location of a set of polygons as points, particularly when used for comparative analysis. Note that the centroid could potentially fall outside the SA2 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.

### Purpose

This dataset contains the true centroid point layer for the annually released statistical area 2 (SA2) boundaries as at 1 January 2020.

### Credit

Stats NZ

### Point Of Contact

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##### Individual Name

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### Resource Constraints

## Constraints

### Use Limitation

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## Language

eng

## Topic Category Code

boundaries

Version 6.2 (Build 9200) ; Esri ArcGIS 10.3.1.4959

## Extent

### EX \_ Extent

#### Geographic Element

#### EX \_ Geographic Bounding Box

166.721639042-175.914153747-46.9282910962-34.1598157493

## Distribution Info

### Distribution

#### Transfer Options

##### Digital Transfer Options

###### On Line

###### Online Resource

###### Linkage

###### URL

<https://datafinder.stats.govt.nz/layer/104420-statistical-area-2-2020-centroid-true/>

## Data Quality Info

### DQ \_ Data Quality

#### 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

Attribution 4.0 International

#### Use Limitation

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#### Use Constraints

Restriction Code  
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