

## Metadata

### 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

2021-11-16

## Metadata Standard Name

**Metadata Standard Version**

2007

**Spatial Representation Info****Vector Spatial Representation****Topology Level Code**

geometryOnly

**Geometric Object Type Code**

point

**Integer**

2244

**Reference System Info****Reference System****Reference System Identifier****Identifier****Code**

2193

**Code Space**

EPSG

**Version**

7.9.4(9.0.0)

**Identification Info****Data Identification****Citation****Citation****Title**

SA202022\_V1\_00\_Centroid\_Inside

**Date****Presentation Form****Presentation Form Code**

mapDigital

**Abstract**

This dataset contains the inside centroid point layer for the annually released statistical area 2 (SA2) boundaries as at 1 January 2022. The "inside" centroid is a point which always falls inside each SA2 polygon as this is often desirable. The placement of the point is typically in the widest part of the polygon. The algorithms used are proprietary to ESRI and are related to label placement. Note that the "inside" centroid is NOT always the same as the center of gravity ("true" centroid) of the polygon as in some situations the true centroid may fall outside the SA1 geometry. 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 inside centroid point layer for the annually released statistical area 2 (SA2) boundaries as at 1 January 2022.

**Credit**

Stats NZ

Point Of 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

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 10.8.1.14362

## Extent

EX\_Extent

Geographic Element

EX\_Geographic Bounding Box

Extent Type Code

Boolean

true

-180180-47.056014-33.786903

## Extent

EX\_Extent

Geographic Element

EX\_Geographic Bounding Box

Extent Type Code

Boolean

true

-180180-47.056014-33.791721

## Extent

EX\_Extent

Geographic Element

EX\_Geographic Bounding Box

Extent Type Code

Boolean

true

-180180-47.056014-33.786903

## Distribution Info

Distribution

Distribution Format

Format

Name

File Geodatabase Feature Class

## Data Quality Info

DQ\_Data Quality

Scope

DQ\_Scope

Level

Scope Code

dataset

## Lineage

LI\_Lineage

Statement

SA1s 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 2021 SA1 pattern, were dissolved using the dissolve tool in the Arc GIS suite. To derive the SA1 boundaries clipped to the coastline, meshblock polygons were dissolved to exclude meshblocks with a land/water attribute of Inlet or Oceanic.

