

#### Metadata

##### File Identifier

06d754ca-ce95-01dd-c4d2-9692f11110f3

##### 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

16030

#### 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

SA12020\_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 1 (SA1) boundaries as at 1 January 2020. The "inside" centroid is a point which always falls inside each SA1 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 1 (SA1) boundaries as at 1 January 2020.

Credit

Stats NZ

Point Of Contact

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Geospatial Team

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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

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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  
  
-180180-47.056014-33.791721

#### 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/104428-statistical-area-1-2020-centroid-inside/>

#### 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 2020 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.

#### Metadata Constraints

Legal Constraints  
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Restriction Code  
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