



Tatauranga Aotearoa

Statistical Area 2 2020 (Centroid Inside)

Metadata

File Identifier

da9d8778-6205-8174-1d70-9e6f35b4afcc

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

20200120

Metadata Standard Name

ISO 19115:2003/19139

Metadata Standard Version

1.0

Spatial Representation Info

Vector Spatial Representation

Integer

2239

Identification Info

Data Identification

Citation

Citation

Title

SA22020_V1_00_Centroid_Inside

Abstract

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

Credit

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Point Of Contact

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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

166.587846521-175.45369738-46.8760963974-34.1565333053

Distribution Info

Distribution

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://datafinder.stats.govt.nz/layer/104426-statistical-area-2-2020-centroid-inside/>

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 SA2 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

license