

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

29897

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**

SA12022_V1_00_Centroid_True

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

mapDigital

Abstract

This dataset contains the true centroid point layer for the annually released statistical area 1 (SA1) boundaries as at 1 January 2022. 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 SA1 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 1 (SA1) boundaries as at 1 January 2022.

Credit

Stats NZ

Point Of Contact

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Role

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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

-180180-47.10211-33.811465

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 2022 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.