



Tatauranga Aotearoa

Statistical Area 1 2020 (Centroid True)

Metadata

File Identifier

1cd9f2e2-e2b7-2715-e67e-0ec276a981a5

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

29879

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_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 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 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 2020.

Credit

Stats NZ

Point Of Contact

Responsible Party

Individual Name

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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

-180180-47.102107-33.811459

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/104427-statistical-area-1-2020-centroid-true/>

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
Use Limitation
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Restriction Code
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