



Tatauranga Aotearoa

Statistical Area 1 2020 Clipped (generalised)

Metadata

File Identifier

61607ead-8897-cc3f-3cfb-586aaa49dee5

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

Address

Address

Electronic Mail Address

geography@stats.govt.nz

Online Resource

Online Resource

Linkage

URL

<https://datafinder.stats.govt.nz/>

Role

Role Code

owner

Contact

Responsible Party

Individual Name

Geospatial Team

Organisation Name

Stats NZ

Contact Info

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Address

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geography@stats.govt.nz

Role

Role Code

owner

Date Stamp

Date

2019-12-01

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

composite

Integer

29694

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_Clipped

Date

Presentation Form

Presentation Form Code

mapDigital

Abstract

This dataset contains the annually released statistical area 1 (SA1) boundaries for 2020, as defined by Stats NZ, clipped to the coastline. This clipped version has been created for map creation/cartographic purposes and so does not fully represent the official full extent boundaries. SA1s were introduced as part of the Statistical Standard for Geographic Areas 2018 (SSGA2018) which replaced the New Zealand Standard Areas Classification (NZSAC1992). Statistical area 1 (SA1) is a new output geography that allows the release of more detailed information about population characteristics than is available at the meshblock level. Built by joining meshblocks, SA1s have an ideal size range of 100–200 residents, and a maximum population of about 500. This is to minimise suppression of population data in multivariate statistics tables. The SA1 should: form a contiguous cluster of one or more meshblocks be either urban, rural, or water in character be small enough to: allow flexibility for aggregation to other statistical geographies allow users to aggregate areas into their own defined communities of interest form a nested hierarchy with statistical output geographies and administrative boundaries. It must: be built from meshblocks either define or aggregate to define SA2s, urban rural areas, territorial authorities, and regional councils. SA1s generally have a population of 100–200 residents, with some exceptions: SA1s with nil or nominal resident populations are created to represent remote mainland areas, unpopulated islands, inland water, inlets, or oceanic areas Some SA1s in remote rural areas and urban industrial or business areas have fewer than 100 residents Some SA1s that contain apartment blocks, retirement villages, and large non-residential facilities have more than 500 residents. The SA1 classification is a flat classification and in 2020 contains 29,895 SA1s – 29,879 digitised and 16 non-digitised. SA1s are not named. SA1 codes have seven digits starting with a '7' and numbered approximately north to south. As new SA1s are created, they are given the next available numeric code. Aggregated from meshblocks, SA1s cover the land area of New Zealand, the water area to the 12-mile limit, the Chatham Islands, Kermadec Islands, sub-Antarctic islands, off-shore oil rigs, and Ross Dependency. The following 16 SA1s are not held in digitised form. SA1 code Location (statistical area 2 name) 7999901 New Zealand Economic Zone 7999902 Oceanic Kermadec Islands 7999903 Kermadec Islands 7999904 Oceanic Oil Rig Taranaki 7999905 Oceanic Campbell Island 7999906 Campbell Island 7999907 Oceanic Oil Rig Southland 7999908 Oceanic Auckland Islands 7999909 Auckland Islands 7999910 Oceanic Bounty Islands 7999911 Bounty Islands 7999912 Oceanic Snares Islands 7999913 Snares Islands 7999914 Oceanic Antipodes Islands 7999915 Antipodes Islands 7999916 Ross Dependency This generalised version has been simplified for rapid drawing and is designed for thematic or web mapping purposes. Digital boundary data became freely available on 1 July 2007.

Purpose

This dataset contains the annually released statistical area 1 (SA1) boundaries as at 1 January 2020, as defined by Stats NZ, clipped to the coastline. This clipped version has been created for map creation/cartographic purposes and so does not fully represent the official full extent boundaries. This clipped version contains 29,694 SA1s.

Credit

Stats NZ

Point Of Contact

Responsible Party

Individual Name

Geospatial Team

Organisation Name

Stats NZ

Contact Info

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geography@stats.govt.nz

Online Resource
Online Resource
Linkage
URL

<https://datafinder.stats.govt.nz/>

Role
Role Code
owner

Descriptive Keywords

Keywords
Keyword
Downloadable Data

Descriptive Keywords

Keywords
Keyword
Statistical Area 1

Keyword
statistical area 1

Keyword
SA1

Keyword
SA 1

Keyword
sa1

Keyword
sa 1

Keyword
Clipped

Keyword
clipped

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

-180180-47.421563-33.773403

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/104272-statistical-area-1-2020-clipped-generalised/>

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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Use Constraints

Restriction Code

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