

Metadata

File Identifier

6e91fd00-b893-838e-93b1-a8d8d114c8b1

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

2020-11-30

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

29910

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

SA12021_V1_00

Date

Presentation Form

Presentation Form Code

mapDigital

Abstract

This dataset is the definitive set of statistical area 1 (SA1) boundaries for 2021 as defined by Stats NZ. Statistical area 1 is an 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 2021 contains 29,910 SA1s - 29,894 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. The following table shows the total number of SA1s for each annual pattern since 2018 when SA1s were first created:

Year	Statistical Area 1 total	Digitised SA1 total
2018	29,889	29,873
2019	29,895	29,879
2020	29,895	29,879
2021	29,910	29,894

Aggregated from mesh blocks, 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

Digital boundary data became freely available on 1 July 2007.

Purpose

This dataset is the definitive version of the annually released statistical area 1 (SA1) boundaries as at 1 January 2021 as defined by Stats NZ. This version contains 29,910 SA1s.

Credit

Stats NZ

Point Of 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

Descriptive Keywords

Keywords

Keyword

Downloadable Data

Descriptive Keywords

Keywords

Keyword

Statistical Area 1

Keyword

statistical area 1

Keyword

SA1

Keyword

SA 1

Keyword

2021

Keyword

Stats NZ

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 10.3.1.4959

Extent

EX_ Extent

Geographic Element

EX_ Geographic Bounding Box

Extent Type Code

Boolean

true

-180180-47.841491-33.559984

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/105162-statistical-area-1-2021-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 2021 SA1 pattern, were dissolved using the dissolve tool in the Arc GIS suite.

Metadata Constraints

Legal Constraints

Use Limitation

Attribution 4.0 International

Use Limitation

<https://creativecommons.org/licenses/by/4.0/>

Use Constraints

Restriction Code

license