Statistical Area 1 2020 (generalised)

- Metadata
  - File Identifier
    - 673a492e-15dd-a411-97f9-a8f73c71a24f
  - 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

Date Stamp
Date
2019-11-27

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
29895

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

Date

Presentation Form
Presentation Form Code
mapDigital

Abstract
This dataset is the definitive set of statistical area 1 (SA1) boundaries for 2020 as defined by Stats NZ.SA1s were introduced as part of the Statistical Standard for Geographic Areas 2018 (SSGA2018) which replaced the New Zealand Standard Areas Classification (NZSAC1992). SA1 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 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 codeLocation (statistical area 2 name)7999901New Zealand Economic Zone7999902Oceanic Kermadec Islands7999903Kermadec Islands7999904Oceanic Oil Rig Taranaki7999905Oceanic Campbell Island7999906Campbell Island7999907Oceanic Oil Rig Southland7999908Oceanic Auckland Islands7999909Auckland Islands7999910Oceanic Bounty Islands7999911Bounty Islands7999912Oceanic Snares Islands7999913Snares Islands7999914Oceanic Antipodes Islands7999915Antipodes Islands7999916Ross DependencyThis 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 is the definitive version of the annually released statistical area 1 (SA1) boundaries as at 1 January 2020 as defined by Stats NZ. This version contains 29,895 SA1s.

Credit

Stats NZ

Point Of Contact

Responsible Party

Individual Name

Geospatial Team

Organisation Name

Stats NZ

- Contact Info
  - Contact
    - Address
      - Address
        - Electronic Mail Address
          - geography@stats.govt.nz
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      - 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

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/104274-statistical-area-1-2020-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.

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Legal Constraints
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Restriction Code
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