

Title

SA12022_V1_00

Creator

Stats NZ

Date

2019-12-04

Description

This dataset is the definitive set of statistical area 1 (SA1) boundaries for 2022 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 2022 contains 29,913 SA1s – 29,897 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. Digital boundary data became freely available on 1 July 2007.

Source

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.

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Coverage

-47.841491 -180 -33.559984 180

Type

vector

Subject

Downloadable Data

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Statistical Area 1

Subject
statistical area 1

Subject
SA1

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SA 1

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