

Title

SA12021\_V1\_00\_Clippped

Creator

Stats NZ

Date

2019-12-04

Description

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. 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	SA1 Clipped
2018	29,889	29,873	29,688
2019	29,895	29,879	29,694
2020	29,895	29,879	29,694
2021	29,910	29,894	29,695

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 2021 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.

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Coverage

-47.421563 -180 -33.773403 180

Identifier

<https://datafinder.stats.govt.nz/layer/105163-statistical-area-1-2021-clipped-generalised/>

Type

vector

Subject

Downloadable Data

Subject

Statistical Area 1

Subject

statistical area 1

Subject

SA1

Subject

SA 1

Subject

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Clipped

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boundaries