Statistical Area 1 2022 (generalised)

Metadata
  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
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          Online Resource
            Online Resource
              Linkage
                URL
                  https://datafinder.stats.govt.nz/

      Role
        Role Code
          owner

  Date Stamp
    Date
      2021-11-16

  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
      29913

Reference System Info
  Reference System
    Reference System Identifier
      Identifier
        Code
          2193

        Code Space
          EPSG

        Version
          7.9.4(9.0.0)

Identification Info
  Data Identification
    Citation
      Citation
        Title
          SA12022_V1_00

        Date

        Presentation Form
          Presentation Form Code
            mapDigital

    Abstract
      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 residentsSome 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 29,913SA1s –

29,897digitised 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 DependencyDigital 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 2022 as defined by Stats NZ. This version contains 29,913 SA1s,

Credit

Stats NZ

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Responsible Party
Individual Name

Geospatial Team

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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
2022

Keyword
Stats NZ

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 10.8.1.14362

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

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 2022 SA1 pattern, were dissolved using the dissolve tool in the Arc GIS suite.