Statistical Area 1 2023 (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
        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
      2022-11-30

  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
33164

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
SA12023_V1_00

Date

Date

Presentation Form
Presentation Form Code
mapDigital

Abstract

Statistical Area 1 2023 updateSA1 2023 is the first major update of the geography since it was first created in 2018. The update is to ensure SA1s are relevant and meet criteria before each five-yearly population and dwelling census. SA1 2023 contains 3,251 new SA1s. Updates were made to reflect real world changes including new subdivisions and motorways, improve the delineation of urban rural and other statistical areas and to ensure they meet population criteria by reducing the number of SA1s with small or large populations. DescriptionThis dataset is the definitive version of the annually released statistical area 1 (SA1) boundaries as at 1 January 2023, as defined by Stats NZ. This version contains 33,164 SA1s (33,148 digitised and 16 with empty or null geometries (non-digitised).SA1 is an output geography that allows the release of more low-level data 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 (prisons, boarding schools, etc) have more than 500 residents.SA1 numberingSA1s are not named. SA1 codes have seven digits starting with a 7 and are numbered approximately north to south. Non-digitised codes start with 79. As new SA1s are created, they are given the next available numeric code. If the composition of an SA1 changes through splitting or amalgamating different meshblocks, the SA1 is given a new code. The previous code no longer exists within that version and future versions of the SA1 classification.Digitised and non-digitised SA1sThe digital geographic boundaries are defined and maintained by Stats NZ.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 held in non-digitised form.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.For more information please refer to the Statistical standard for geographic areas 2023.Generalised versionThis generalised version has been simplified for rapid drawing and is designed for thematic or web mapping purposes.Digital dataDigital 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 2023, as defined by Stats NZ. This version contains 33,164 SA1s (33,148 digitised and 16 with empty or null geometries (non-digitised).

Credit

Stats NZ – Tatauranga Aotearoa

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
      SA1

    Keyword
      Stats NZ

    Keyword
      Statistical Area 1

    Keyword
      SA 1

    Keyword
      2023

    Keyword
      sa1

    Keyword
      statistical area 1

Descriptive Keywords
  Keywords
    Keyword
      Downloadable Data

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 10.8.1.14362

Extent
  EX _ Extent
    Geographic Element
      EX _ Geographic Bounding Box
        Extent Type Code
          Boolean
            true

        -180180-47.841491-33.559984

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