Statistical Area 2 2025

Metadata
  File Identifier
    c285293c-297d-4523-1157-2ead91de838f

  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

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                geography@stats.govt.nz

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

      Role
        Role Code
          owner

  Date Stamp
    Date

2024-12-02

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

Reference System Info
Reference System
Reference System Identifier
Identifier
Code

2193

Code Space

EPSG

Version

6.15(9.0.0)

Identification Info
Data Identification
Citation
Citation
Title

SA22025_V1_00

Date

Date

Presentation Form
####### Presentation Form Code

mapDigital

Abstract

This dataset is the definitive version of the annually released statistical area 2 (SA2) boundaries as at 1 January 2025 as defined by Stats NZ. This version contains 2,395 SA2s (2,379 digitised and 16 with empty or null geometries (non-digitised)).SA2 is an output geography that provides higher aggregations of population data than can be provided at the statistical area 1 (SA1) level. The SA2 geography aims to reflect communities that interact together socially and economically. In populated areas, SA2s generally contain similar sized populations.The SA2 should:form a contiguous cluster of one or more SA1s, excluding exceptions below, allow the release of multivariate statistics with minimal data suppression,capture a similar type of area, such as a high-density urban area, farmland, wilderness area, and water area, be socially homogeneous and capture a community of interest. It may have, for example: - a shared road network,- shared community facilities, - shared historical or social links, or - socio-economic similarity,form a nested hierarchy with statistical output geographies and administrative boundaries. It must: - be built from SA1s, - either define or aggregate to define SA3s, urban areas, territorial authorities, and regional councils.SA2s in city council areas generally have a population of 2,000–4,000 residents while SA2s in district council areas generally have a population of 1,000–3,000 residents. In major urban areas, an SA2 or a group of SA2s often approximates a single suburb. In rural areas, rural

settlements are included in their respective SA2 with the surrounding rural area. SA2s in urban areas where there is significant business and industrial activity, for example ports, airports, industrial, commercial, and retail areas, often have fewer than 1,000 residents. These SA2s are useful for analysing business demographics, labour markets, and commuting patterns.In rural areas, some SA2s have fewer than 1,000 residents because they are in conservation areas or contain sparse populations that cover a large area.To minimise suppression of population data, small islands with zero or low populations close to the mainland, and marinas are generally included in their adjacent land-based SA2.Zero or nominal population SA2sTo ensure that the SA2 geography covers all of New Zealand and aligns with New Zealand's topography and local government boundaries, some SA2s have zero or nominal populations. These include:- SA2s where territorial authority boundaries straddle regional council boundaries. These SA2s each have fewer than 200 residents and are: Arahiwi, Tiroa, Rangataiki, Kaimanawa, Taharua, Te More, Ngamatea, Whangamomona, and Mara.- SA2s created for single islands or groups of islands that are some distance from the mainland or to separate large unpopulated islands from urban areas - SA2s that represent inland water, inlets or oceanic areas including: inland lakes larger than 50 square kilometres, harbours larger than 40 square kilometres, major ports, other non-contiguous inlets and harbours defined by territorial authority, and contiguous oceanic areas defined by regional council. - SA2s for non-digitised oceanic areas, offshore oil rigs, islands, and the Ross Dependency. Each SA2 is represented by a single meshblock. The following 16 SA2s are held in non-digitised form (SA2 code; SA2 name): 400001; New Zealand Economic Zone, 400002; Oceanic Kermadec Islands, 400003; Kermadec Islands, 400004; Oceanic Oil Rig Taranaki, 400005; Oceanic Campbell Island, 400006; Campbell Island, 400007; Oceanic Oil Rig Southland, 400008; Oceanic Auckland Islands, 400009; Auckland Islands, 400010 ; Oceanic Bounty Islands, 400011; Bounty Islands, 400012; Oceanic Snares Islands, 400013; Snares Islands, 400014; Oceanic Antipodes Islands, 400015; Antipodes Islands, 400016; Ross Dependency.SA2 numbering and namingEach SA2 is a single geographic entity with a name and a numeric code. The name refers to a geographic feature or a recognised place name or suburb. In some instances where place names are the same or very similar, the SA2s are differentiated by their territorial authority name, for example, Gladstone (Carterton District) and Gladstone (Invercargill City). SA2 codes have six digits. North Island SA2 codes start with a 1 or 2, South Island SA2 codes start with a 3 and non-digitised SA2 codes start with a 4. They are numbered approximately north to south within their respective territorial authorities. To ensure the north–south code pattern is maintained, the SA2 codes were given 00 for the last two digits when the geography was created in 2018. When SA2 names or boundaries change only the last two digits of the code will change. High-definition versionThis high definition (HD) version is the most detailed geometry, suitable for use in GIS for geometric analysis operations and for the computation of areas, centroids and other metrics. The HD version is aligned to the LINZ cadastre.MacronsNames are provided with and without tohutō/macrons. The column name for those without macrons is suffixed 'ascii'.Digital dataDigital boundary data became freely available on 1 July 2007Further information To download geographic classifications in table formats such as CSV please use AriāFor more information please refer to the Statistical standard for geographic areas 2023.Contact: geography@stats.govt.nz

Purpose

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Credit

Stats NZ – Tatauranga Aotearoa

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Responsible Party
Individual Name

Geospatial Team

Organisation Name

Stats NZ

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Role
  Role Code
    owner

Descriptive Keywords
  Keywords
    Keyword
      sa2

    Keyword
      SA2

    Keyword
      statistical area 2

    Keyword
      Statistical Area 2

Descriptive Keywords
  Keywords
    Keyword
      Downloadable Data

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

Microsoft Windows Server 2016 Technical Preview Version 10.0 (Build 19045) ; Esri ArcGIS 13.1.3.41833

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
Enterprise Geodatabase Feature Class

Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
https://datafinder.stats.govt.nz/layer/120978-statistical-area-2-2025/

Data Quality Info
DQ _ Data Quality
Scope
DQ _ Scope
Level
Scope Code
dataset

Lineage
LI _ Lineage
Statement
SA2s 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 statistical area 2 pattern, were dissolved using the dissolve tool in the Arc GIS suite.

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