

New Zealand 2022 Estimated Resident Population Grid 250 metre, 2023

Metadata

File Identifier

3bbc111a-9c58-9d6d-1489-e4ed95a5ef26

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

Position Name

Manager Geospatial

Role

Role Code

pointOfContact

Date Stamp

Date

2023-11-16

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

56432

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

NZGrid_1km_ERP_2022_2023

Date

Presentation Form

Presentation Form Code

mapDigital

Abstract

A population grid using the 2022 Estimated Resident Population (ERP). Population estimates by SA1s are used as an input to derive population grids. These estimates are not official statistics. They're derived as a customised dataset used to produce the population grids. This is one of three resolutions of the national statistical grid, 1 kilometre, 500 metres and 250 metres, where the distance is the length of one side of the square grid cell. The 2022 Estimated Resident Population by SA1, rounded to the nearest 10, was proportionally divided between private and some non-private dwelling point locations from the Stats NZ Statistical Location Register. The dwellings were spatially joined to the ERP SA1 to calculate the number of dwellings within each SA1. The SA1 ERP divided by the number of dwellings gave the number of people per dwelling for each SA1. The people per dwelling was spatially joined back to the dwelling dataset then spatially joined to the grid with the option chosen to sum the dwelling population within each grid cell. Population estimates are based on 2018 Census results. The estimated resident population of an area in New Zealand is an estimate of all people who usually live in that area at a given date. It includes all residents present in New Zealand and counted by the census, residents who are temporarily elsewhere in New Zealand and counted by the census, residents who are temporarily overseas (who are not included in the census), and an adjustment for residents missed or counted more than once by the census (net census undercount). Visitors from elsewhere in New Zealand and from overseas are excluded. Population estimates by SA1s are used as an input to derive population grids. These estimates are not official statistics. They're derived as a customised dataset used to produce the population grids.

Purpose

A population grid using the 2022 Estimated Resident Population (ERP). Population estimates by SA1s are used as an input to derive population grids. These estimates are not official statistics. They're derived as a customised dataset used to produce the population grids. This is one of three resolutions of the national statistical grid, 1 kilometre, 500 metres and 250 metres, where the distance is the length of one side of the square grid cell.

Credit

Stats NZ – Tatauranga Aotearoa

Descriptive Keywords

Keywords

Keyword

Downloadable Data

Descriptive Keywords

Keywords

Keyword

Grids

Keyword

1 km

Keyword

1 kilometre grid

Keyword

ERP

Keyword

Estimated Resident Population

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

-180180-47.016521-34.062074

Distribution Info

Distribution

Distribution Format

Format

Name

File Geodatabase Feature Class

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://datafinder.stats.govt.nz/layer/115047-new-zealand-2022-estimated-resident-population-grid-250-metre-2023/>

Metadata Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

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