

Metadata for the

New Zealand 2022 Estimated Resident Population Grid 250 metre

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# Identification

|  |  |
| --- | --- |
| Title | New Zealand 2022 Estimated Resident Population Grid 250m |
| Date | 10 November 2023 (publication) |
| Language | eng |
| Character set | UTF-8 |
| Abstract | A population grid using the 2022 Estimate 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. |
| Topic category | grid |
| Spatial representation type | vector |
| Extent | |
| Description | Twelve-mile New Zealand territorial limit |
| Geographic box | |
| West bound NZTM | 1,000,000 (165.97W) |
| East bound NZTM | 2,523,000 (-175.37E) |
| North bound NZTM | 6,250,000 (-33.95S) |
| South bound NZTM | 4,700,000 (-47.62S) |
| Extent – temporal | |
| Description | Created in November 2023. No updates will be made. |
| Begin date | 2023-11-10 |
| End date |  |
| Access constraints | None. |
| Use constraints | CC-BY 4.0. Source: Stats NZ. |
| Maintenance and update frequency | This dataset will not be maintained or updated. |
| Date of next update | None planned. |
| Update scope | Not applicable. |

# Point of contact

|  |  |
| --- | --- |
| Organisation name | Stats NZ |
| Position name | Manager Geospatial |
| Role | Point of Contact |
| Phone | 04-931 4600 |
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| Country | New Zealand |
| Email address | geography@stats.govt.nz |
| URL | <https://datafinder.stats.govt.nz> |

# Distribution information

|  |  |
| --- | --- |
| Distribution format | ESRI Shapefile  GeoPackage / SQLite  ESRI Geodatabase  MapInfo TAB  MapInfo MIF  CAD (.dwg)  Google Earth (KML)  CSV  PDF  API |
| Distribution version | 1.0 |
| Online resource linkage | <https://datafinder.stats.govt.nz> |
| Online resource description | Online data service can be used to search, browse, and download digital geographic data. Download is available in a range of spatial and non-spatial formats. This online data service is provided by Stats NZ’s technology partner Koordinates. |
| Reference system information | |
| Title | New Zealand Transverse Mercator 2000 (NZTM2000) |
| Date | 1 July 2001 |
| Edition |  |
| Code | 19971 |
| Data quality information scope | |
| Hierarchy level | Dataset |
| Description | New Zealand Estimated Resident Population Grid 250m |
| Lineage | |
| Statement | This is the production version of a new dataset. The prototype version was released in October 2022 for feedback. |
| Description | The 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. |

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| Metadata | |
| Language | eng |
| Character set | UTF-8 |
| Hierarchy level | dataset |
| Hierarchy level name | Dataset – Grid – 250 metre |
| Date stamp | 2023-11-10 |
| Metadata standard name | ANZLIC Metadata Profile |
| Metadata standard version | 1.1 |
| Metadata author | |
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