

ANZLIC metadata for urban rural indicator, 2018





Crown copyright ©

This work is licensed under the [Creative Commons Attribution 4.0 International](https://creativecommons.org/licenses/by/4.0/) licence. You are free to copy, distribute, and adapt the work, as long as you attribute the work to Stats NZ and abide by the other licence terms. Please note you may not use any departmental or governmental emblem, logo, or coat of arms in any way that infringes any provision of the [Flags, Emblems, and Names Protection Act 1981](https://www.legislation.govt.nz/act/public/1981/004/01/0177.html). Use the wording 'Stats NZ' in your attribution, not the Stats NZ logo.

Liability

While all care and diligence has been used in processing, analysing, and extracting data and information in this publication, Stats NZ gives no warranty it is error free and will not be liable for any loss or damage suffered by the use directly, or indirectly, of the information in this publication.

Citation

Stats NZ (2018). *ANZLIC metadata for urban rural indicator, 2018*. Retrieved from www.stats.govt.nz.

ISSN 2538-0060 (online)

Published in December 2017 by

Stats NZ
Tatauranga Aotearoa
Wellington, New Zealand

Contact

Stats NZ Information Centre: info@stats.govt.nz
Phone toll-free 0508 525 525
Phone international +64 4 931 4600
www.stats.govt.nz

Contents

Identification	4
Extent	4
Geographic box	4
Extent – temporal	5
Point of contact	5
Distribution information	6
Reference system information.....	6
Data quality information scope.....	6
Lineage.....	6
Metadata.....	8
Metadata author	8

Identification

Title	Urban Rural Indicator 2018 (IUR2018)
Date	7 December 2017 (publication)
Language	eng
Character set	UTF-8
Abstract	<p>This dataset is the definitive set of urban rural indicators for 2018 as defined by Stats NZ.</p> <p>The urban rural indicator complements the urban rural classification and should be used in conjunction with it.</p> <p>The urban rural indicator classifies urban, rural and water areas by type.</p> <p>The indicators, with their codes in brackets are:</p> <ul style="list-style-type: none"> • urban area: <ul style="list-style-type: none"> ○ urban major (11) ○ urban large (12) ○ urban medium (13) ○ urban small (14) • rural area: <ul style="list-style-type: none"> ○ rural settlement (21) ○ rural other (22) • water: <ul style="list-style-type: none"> ○ inland water (31) ○ inlet (32) ○ oceanic (33).
Topic category	boundaries
Spatial representation type	Vector

Extent

Description	Twelve-mile New Zealand territorial limit
-------------	---

Geographic box

West bound longitude	165.905646
East bound longitude	179.855610
North bound latitude	-33.826584
South bound latitude	-47.841491

Extent – temporal

Description	Data represents urban rural indicator polygons dissolved from meshblocks starting from 2018
Begin date	2018-01-01
End date	2018-01-01
Access constraints	None. Data is freely downloadable from the Stats NZ website.
Use constraints	<p>These conditions of supply apply to all users of Stats NZ digital boundaries effective 1 July 2007.</p> <p>Permitted uses Stats NZ must be acknowledged as the source of the boundaries.</p> <p>Uses not permitted Users are not permitted to change the accuracy of the boundaries and supply them to another party.</p> <p>Liability While care has been taken to compile these boundary coordinates, Stats NZ gives no warranty that the data supplied is free from error. Stats NZ shall not be liable for any loss suffered through the use, directly or indirectly, of any information, product or service.</p>
Maintenance and update frequency	<p>The meshblock pattern and associated hierarchies are maintained on a regular basis.</p> <p>2018 is the first annual pattern available.</p>
Date of next update	December 2018
Update scope	Dataset

Point of contact

Organisation name	Stats NZ
Position name	Geospatial Analyst
Role	Point of Contact
Phone	04-931 4600
Delivery point	8 Gilmer Terrace, PO Box 2922
City	Wellington
Administrative area	
Postal code	6011

Country	New Zealand
Email address	geography@stats.govt.nz
URL	https://datafinder.stats.govt.nz

Distribution information

Distribution format	GIS ESRI Shapefile GeoPackage / SQLite ESRI Geodatabase MapInfo TAB CAD (.dwg) Google Earth (KML) CSV PDF
Distribution version	1.0
Online resource linkage	https://datafinder.stats.govt.nz
Online resource description	Online data service providing the geographic boundaries. Can be used to search, browse, and download digital geographic boundaries. 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. The urban rural indicator is part of the bundle of boundaries Stats NZ makes available.

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 Urban Rural Indicator Boundaries

Lineage

Statement (general explanation of the data producer's)	The urban rural indicator is 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
---	---

knowledge about the lineage of a dataset)	<p>from local authorities, Local Government Commission, Electoral Representation Commission, and to make census enumeration processes easier.</p> <p>From the meshblock pattern, higher geographies, including the 2018 Urban Rural Indicator pattern, were dissolved using the dissolve tool in the Arc GIS suite.</p> <p>To derive the urban rural indicator boundaries clipped to the coastline, meshblock polygons were dissolved to exclude meshblocks with a land/water attribute of Inlet or Oceanic.</p>
Description (detailed description of the level of the source data)	<p>Deriving output files</p> <p>The original vertices delineating the meshblock boundary pattern were digitised in 1991 from 1:5,000 scale urban maps and 1:50,000 scale rural maps. The magnitude of error of the original digital points would have been in the range of +/- 10 metres in urban areas and +/- 25 metres in rural areas. Where meshblock boundaries coincide with cadastral boundaries the magnitude of error will be within the range of 1–5 metres in urban areas and 5–20 metres in rural areas, this being the estimated magnitude of error in Landonline.</p> <p>The creation of high definition and generalised meshblock boundaries for the 2018 digital pattern and the dissolving of these meshblocks into other geographies/boundaries were completed at Stats NZ using ESRI's ArcGIS desktop suite with the following process:</p> <ol style="list-style-type: none"> 1. Align the meshblock boundary pattern to the current LINZ cadastre. 2. Run geometry checks and repairs. 3. Run topology checks on all data (Must Not Have Gaps, Must Not Overlap, Area Boundary Must Be Covered By Boundary Of [Meshblock]). 4. Generalise the meshblock layers to a 1-metre tolerance to create generalised dataset. 5. Clip the meshblock layers to the coastline, detailed below. 6. Dissolve meshblock datasets (clipped and unclipped) to higher geographies to create the following output data layers: Statistical Area 1, Statistical Area 2, Territorial Authority, Regional Council, Urban Rural, Community Board, Territorial Authority Subdivision, Ward, Constituency or General Constituency, Māori Constituency. 7. Complete a frequency analysis to determine that each code only has a single record. 8. Quality assurance of files. <p>Clipping of layers to coastline</p> <p>The feature class was clipped to the coastline. The coastline was defined as features within the supplied LANDWATER indicator with codes and descriptions as follows:</p> <ul style="list-style-type: none"> 11- Island – included 12- Mainland – included 21- Inland water – included 22- Inlet – excluded 23- Oceanic – excluded 31- Other – included.

	Non-digitised meshblocks were excluded from this process. Features were clipped using ArcGIS.
--	---

Metadata

File identifier	2538-0060-2018
Language	eng
Character set	UTF-8
Hierarchy level	dataset
Hierarchy level name	Dataset - Urban Rural Indicator - 2018
Date stamp	2017-12-07
Metadata standard name	ANZLIC Metadata Profile
Metadata standard version	1.1

Metadata author

Individual name	Geospatial Team
Organisation name	Stats NZ
Position name	Geospatial analyst
Role	Point of contact
Phone	04-931 4600
Delivery Point	8 Gilmer Terrace, PO Box 2922
City	Wellington
Administrative area	
Postal code	6011
Country	New Zealand
Email address	geography@stats.govt.nz
URL	https://datafinder.stats.govt.nz