Functional Urban Area 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
      - 2022-11-28
  - Metadata Standard Name

ISO 19139 Geographic Information - Metadata - Implementation Specification

Metadata Standard Version

2007

Spatial Representation Info

Grid Spatial Representation

Boolean

false

Spatial Representation Info

Vector Spatial Representation

Topology Level Code

geometryOnly

Geometric Object Type Code

composite

Integer

138

Spatial Representation Info

Vector Spatial Representation

Topology Level Code

geometryOnly

Geometric Object Type Code

composite

Integer

138

Spatial Representation Info

Vector Spatial Representation

Topology Level Code

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138

Spatial Representation Info

Vector Spatial Representation

Topology Level Code

geometryOnly

Geometric Object Type Code

composite

Integer

138

Spatial Representation Info

Vector Spatial Representation

Topology Level Code

geometryOnly

Geometric Object Type Code

composite

Integer

138

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
FUA2023_V1_00

Date

Date

Presentation Form
Presentation Form Code
mapDigital

Abstract
2023 Functional Urban Area updateFor the 2023 FUA, there have been minor updates from the 2018 FUAs to align with changes to urban rural (UR) boundaries and statistical area 1 (SA1) composition. FUA 2023 is still based on the analysis of 2018 Census of Population and Dwellings commuting data. The Wanaka urban area, whose population has grown to be more than 10,000 based on population estimates, has been reclassified to a medium urban area in the 2023 UR and a medium regional centre in the FUA type. DescriptionThis dataset is the definitive version of the Functional Urban Area boundaries as at 1 January 2023, as defined by Stats NZ.The functional urban area (FUA) classification identifies small urban areas and rural areas that are integrated with major, large, and medium urban areas to create FUAs. In 2023, there are 53 FUAs,excluding ‘land area outside functional urban area’ (9001) and ‘water area outside functional urban area’ (9002).The FUA classificationuses the urban rural (UR) geography to demarcate urban areas, and statistical area 1 areas(SA1s) to demarcate surrounding hinterland (the commuting zone) within FUAs, and rural and water areas outside FUAs. FUAs represent a populated urban core/s and its commuting zone. Workplace address and usual residence address data from the 2018 Census of Population and Dwellings were used to identify satellite urban areas (1,000–4,999 residents), rural settlements and other rural SA1s from which at least 40 percent of workers commuted to urban areas with more than 5,000 residents.FUA numbering and namingThe FUA classification identifies FUAs by the name of the most highly populated urban area it contains, for example, the Christchurch FUA includes the Christchurch urban core and Rangiora, Kaiapoi, and Rolleston secondary urban cores. There is one exception to the naming rule. The Paraparaumu-Waikanae-Paekakariki conurbation and surrounding hinterland is named Kapiti Coast. The FUA classification has a two-level hierarchical structure, joined together to create each FUA code. Level 1 is classified by FUA type (TFUA) a one-digit code and level 2, which has three-digit codes numbered approximately north to south. Some examples are: 1001 Auckland, 2001 Whangārei, 3001 Cambridge, and 4001 Kaitāia. FUA type (TFUA) FUAs are further categorised by population size. The urban core’s population rather than the entire FUA’s population is used to maintain consistency between the descriptions of UR urban area and FUA type. The categories are, by code: 1 Metropolitan area – more than 100,000 residents living in the urban core, 2 Large regional centre – urban core population 30,000–99,999,3 Medium regional centre – urban core population 10,000–29,999, 4 Small regional centre – urban core population 5,000–9,999, and, 9 Area outside functional urban area. The Greymouth urban area population is less than 10,000 but is classified as a medium regional centre, consistent with its treatment as a medium urban area in the

UA classification. To differentiate from the UR classification, when referring to FUAs by name, their FUA type should also be mentioned, for example, Christchurch metropolitan area, Whangarei regional centre. FUA indicator (IFUA) The IFUA classifies UR2023 urban areas and rural SA1s according to their character within their FUA. The indicators, with their codes in brackets, are: • urban area within functional urban area – urban core (101), secondary urban core (102), satellite urban area (103), • rural area within functional urban area – hinterland (201), • area outside functional urban area – land area outside functional urban area (901), water area outside functional urban area (902). 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.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 2007.

Purpose

This dataset is the definitive version of the Functional Urban Area (FUA) boundaries as at 1 January 2023, as defined by Stats NZ.

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

custodian

Descriptive Keywords

Keywords

Keyword

Local Board.

Keyword

Community Board

Keyword

CB

Keyword
cb

Keyword
community board

Keyword
LB

Keyword
lb

Keyword
local board

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

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

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

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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
Functional urban areas align to urban rural (UR) boundaries and statistical area 1 (SA1) composition. FUA 2023 is still based on the analysis of 2018 Census of Population and Dwellings commuting data. From the meshblock pattern, higher geographies, including the Functional urban areas, were dissolved using the dissolve tool in the Arc GIS suite.