

2023 Census data and how to access it

Customer session 10 October

2023 Census data Individuals and dwellings release 3 October



Topics and Concepts

- **Population counts**
 - Ethnic group
 - Age
 - Gender
 - Iwi affiliation
 - Māori descent
- **Dwelling counts**
- **Totals by topic counts for each variable about people and dwellings**
 - Population structure
 - Ethnicity, culture and identity
 - Health
 - Activity limitations
 - Education and training
 - Work and income
 - Transport
 - Housing



Population data by gender

2023 Census data will be output by gender, (male, female, another gender) instead of by sex (male, female).

This aligns with the updated [data standard for gender, sex, and variations of sex characteristics](#), published in 2021.

More information:

[Gender, sex, and LGBTIQ+ concepts in the 2023 Census](#)



New LGBTIQ+ related concepts

Cisgender and transgender status

- Refers to the relationship between someone's sex at birth and their gender.
- "Cisgender" refers to a person whose sex at birth and gender are the same.
- "Transgender" refers to a person whose sex at birth and gender are different.
- Data for the transgender population includes data for those who responded "another gender".

Sexual identity

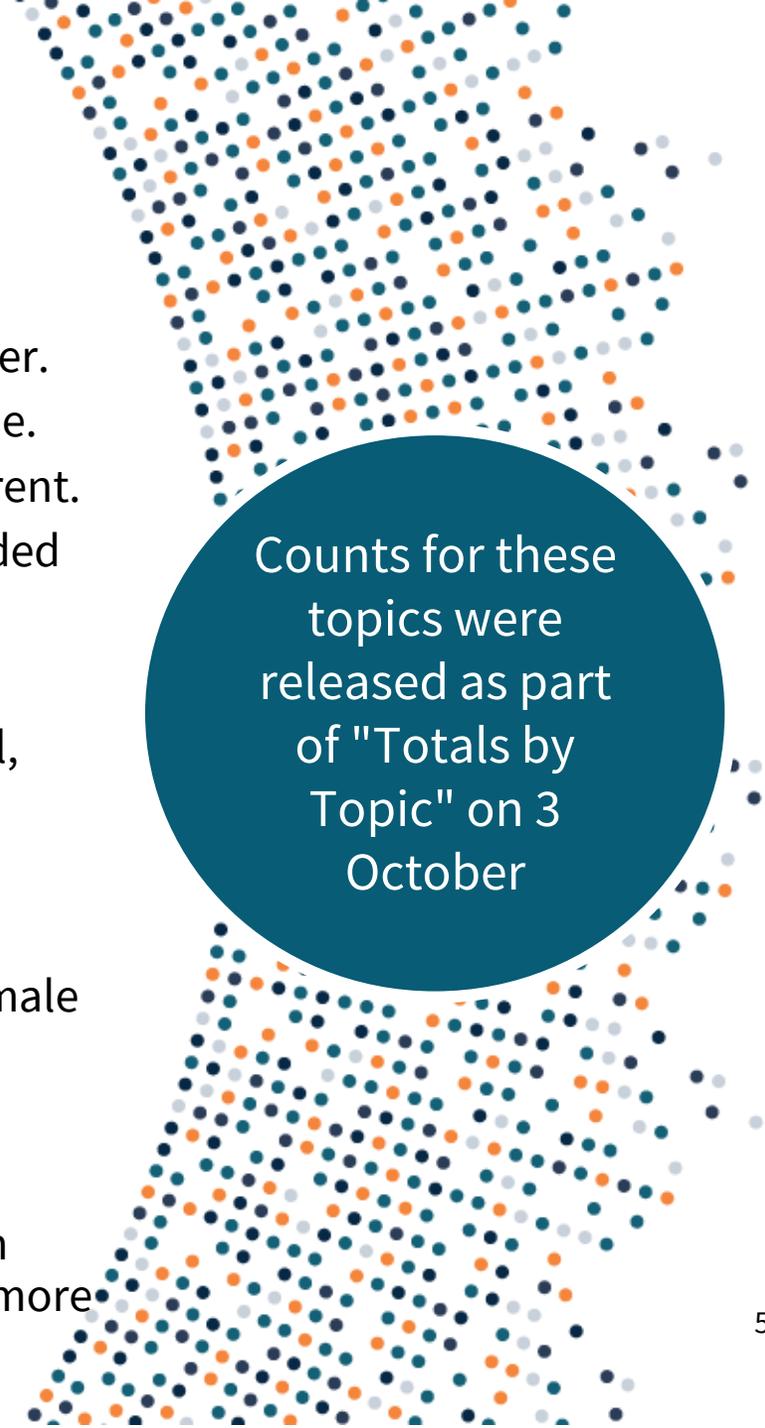
- Includes heterosexual (or straight), homosexual (gay or lesbian), bisexual, and other sexual identities.

Variations of sex characteristics (intersex)

- Those who know they were born with an innate genetic, hormonal, or physical sex characteristics that do not conform to medical norms for female or male bodies.

Belonging to the LGBTIQ+ population in general

- We also produce data for the LGBTIQ+ population as a whole, which combines the categories transgender, sexual minorities, and people born with a variation of sex characteristics. Note people can belong to one or more of these categories.



Counts for these topics were released as part of "Totals by Topic" on 3 October

Where to access the new data

News stories and information releases

News stories

- [2023 Census shows 1 in 20 adults belong to Aotearoa New Zealand's LGBTIQ+ population](#)
- [Home ownership increases and housing quality improves](#)
- [Census results reflect Aotearoa New Zealand's diversity](#)
- [Ka whakaata te Tatauranga i te kanorau o Aotearoa](#)

Information releases

- [2023 Census population, dwelling, and housing highlights](#)



Where to access the new data

Aotearoa New Zealand as a village of 100 people

[Aotearoa New Zealand as a village of 100 people](#)

Presents an overview of New Zealand's population based on 2023 Census data. It describes our population as if the country were a village of 100 people.

Embedded on the page, with a text alternative below.

Te reo Māori and English versions are downloadable as PDFs.

Top 5 overseas birthplaces

12 were born in Asia

5 were born in the United Kingdom and Ireland

4 were born in the Pacific Islands

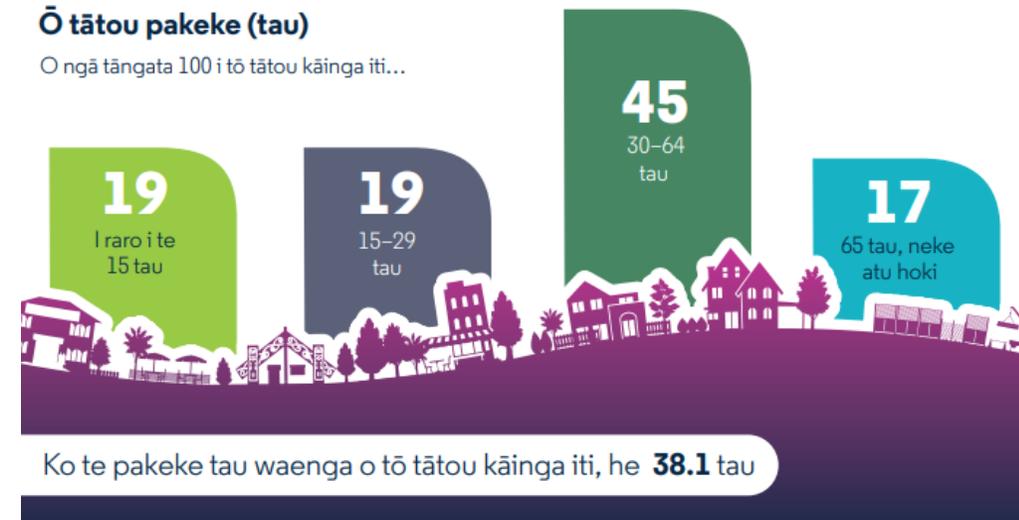
3 were born in the Middle East and Africa

2 were born in Europe (Excl United Kingdom and Ireland)



Ō tātou pakeke (tau)

Ō ngā tāngata 100 i tō tātou kāinga iti...



Ko te pakeke tau waenga o tō tātou kāinga iti, he **38.1** tau

Where to access the new data

Geospatial files and webmaps

[2023 Census maps and data \(arcgis.com\)](https://arcgis.com)

New map:

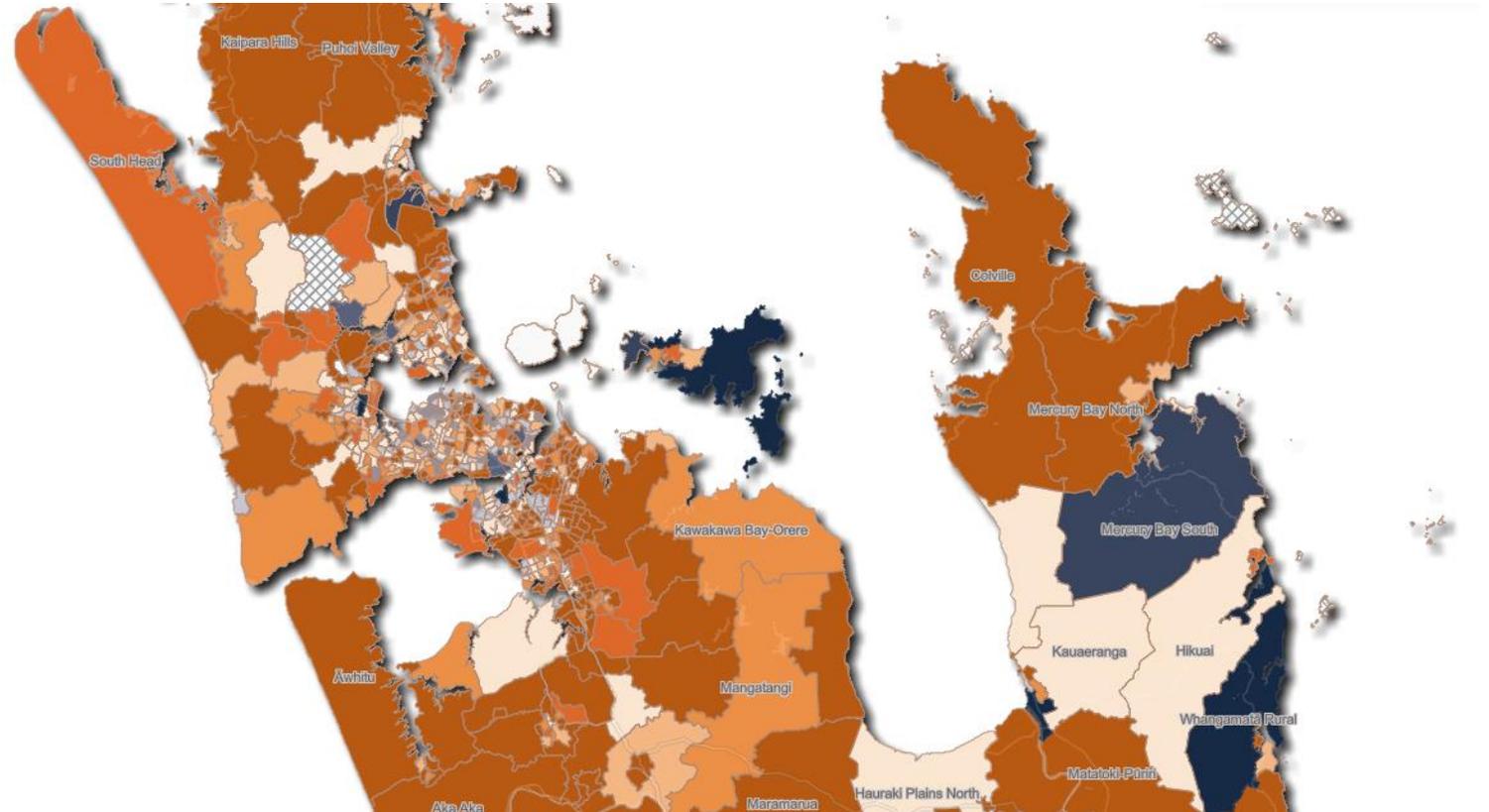
[Change in occupied and unoccupied private dwellings between the 2018 and 2023 Censuses](#)

Available by regional council, territorial authority local board, and SA2 geographies.

Updated maps:

- [Population change](#)
- [Population change by age group](#)
- [Population change by ethnic group](#)
- [Māori descent population change](#)

Updated to include data by SA2 (in addition to regional council and territorial authority local board).



Where to access the data

Aotearoa Data Explorer

[Aotearoa Data Explorer](#)

Aotearoa Data Explorer (ADE) is our new data tool that has replaced NZ.Stat.

You can use this tool to customise, view, and download detailed data tables.

On 3rd October we released:

- Population counts by ethnic group, age, and gender
- Dwelling counts
- Iwi affiliation and Māori descent counts
- totals by topic counts for each of the variables about people and dwellings, national and subnational to SA1.

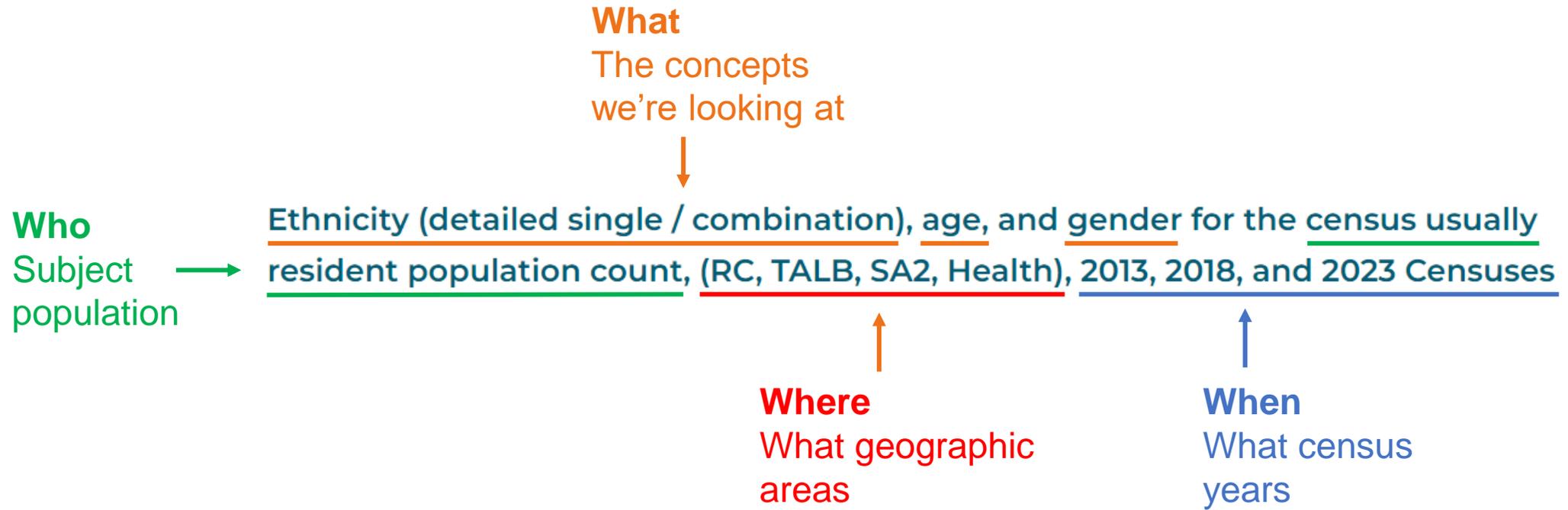


Aotearoa Data Explorer

- User guides,
 - [Aotearoa Data Explorer user guide | Stats NZ](#)
 - [Stats NZ's Aotearoa Data Explorer \(ADE\) - YouTube](#)
- Totals by Topic (TBT) tables are now provided on Aotearoa Data Explorer (excel documents in 2018).
- Aotearoa Data Explorer does not display more than 8,000 data points in the web browser table. The data is still available for download if it is selected in the filters.



Finding data in ADE



Where to access the new data

Te Whata

2023 Census individuals and dwelling data by iwi affiliation and Māori descent is available on Te Whata.

- Te Whata is a by iwi, for iwi data platform developed by Te Kāhui Raraunga, the operational arm of the Data Iwi Leaders Group.
- The first release of data was on 29 May, the second release on 26 September and the next release will be 31 October.
- On Te Whata, datasets are presented in ways that are meaningful and relevant to Iwi Māori.
- View Te Whata at tewhata.io

Resources to support



2023 Census product and release finder

2023 Census product and release finder

Last updated
3/10/2024

Need help?

User guide

Search

Return to top

Filters

Māori descent or iwi affiliation data

Product

Geographic area

Releases up to [month]

Title and link for published products (click to open url)	Product	Māori descent or iwi affiliation	Geographic area	Unit count	Publishing date
Totals by topic for individuals, (NZ total), 2013, 2018, and 2023 Censuses	Aotearoa Data Explorer	Yes	National	Individuals	3/10/2024
Totals by topic for individuals, (RC, TALB, UR, SA3, SA2, Ward, Health), 2013, 2018, and 2023 Censuses	Aotearoa Data Explorer	Yes	Regional council/Territorial authority local board/Urban rural/Statistical area 3/Statistical area 2/Ward/Health regions and districts	Individuals	3/10/2024
Totals by topic for individuals, (SA1), 2013, 2018, and 2023 Censuses	Aotearoa Data Explorer	Yes	Statistical area 1	Individuals	3/10/2024
Iwi affiliation (total responses), official language indicator, age (life cycle groups), and gender for the Māori descent census usually resident population count, 2013 and 2023	Aotearoa Data Explorer	Yes	National/Regional council/Territorial authority local board/Health regions and districts	Individuals	3/12/2024
Languages spoken (total responses 17 categories), birthplace (broad geographic areas), age (5-year groups), and gender for the census usually resident population count, 2013, Māori descent indicator, official language indicator, age (life cycle groups), and gender for the census usually resident population count, 2013, 2018, and 2023 Censuses	Aotearoa Data Explorer	No	National/Regional council/Territorial authority local board/Health regions and districts	Individuals	3/12/2024
Languages spoken (total responses 17 categories), birthplace (NZ born/overseas born), and ethnicity (grouped total responses level 1) for the census usually resident population	Aotearoa Data Explorer	Yes	National/Regional council/Territorial authority local board/Statistical area 2/Health regions and districts	Individuals	3/12/2024
		No	National/Regional council/Territorial authority local board/Statistical area 2/Health regions and districts	Individuals	12/03/2025

- Shows a detailed list of products and what data will be published in them
- Lets you know when data will be published
- You can search by key word or by using filters.

[2023 Census product and release finder](#)

Guides

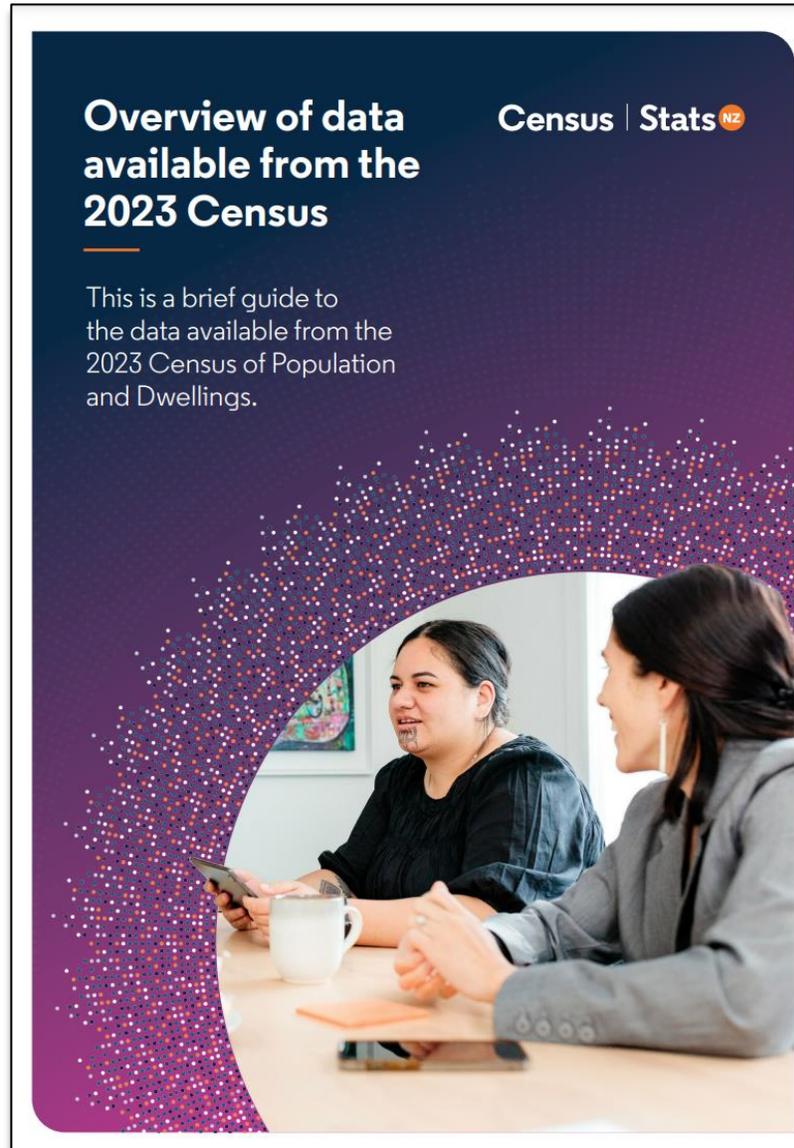
Overview of data available

[Overview of data available from the 2023 Census](#)

See an overview of the types of census data available and where to find out more information about it, including:

- census topics, concepts, and variables
- census years
- geographic levels
- classification levels.

Use this for a simple overview of what data is output, including what concepts are in each topic, and classification levels



Information by concept

[2023 Census of Population and Dwellings - Information by concepts](#)

- Definition
- Overall quality rating
- Priority level
- Subject population
- How this data is classified
- Question format
- How this data is used
- Data sources
- Missing and residual responses
- Data quality processes
- Recommendations for use and further information
- Previous censuses information by variable.

Online training modules

Modules will be updated and added as new information is available

2023 Census Data Training
18% COMPLETE

LESSONS FOR ALL USERS

- What is the census? ✓
- Development of census in recent years ✓
- Methodology for the 2023 Census ○
- Statistical geographies ○
- What impacts data quality and how to assess it ○
- 2023 Census first release ○
- Tools to access the data ○

ADVANCED TOPICS FOR SPECIALIST DATA USERS

- Metadata - describes and provides information about census data ○
- Confidentiality rules - what we ○

From census responses to the final combined census dataset

This diagram demonstrates how we combine census responses with admin data (and other alternative data sources) to develop the final combined census dataset.

Imagine that each bar contains rows of individuals and columns of variables.

Census Responses (2023 Census Responses)

Admin Data Processing (Admin enumerations)

Final census unit record file (CURF)

Where possible, we've filled missing information with admin data, previous census data, and imputations - this is represented by the small orange and green rectangles.

Legend:

- Census response
- Admin data
- Statistical Imputation
- Missing information
- Undercount

Click the flashcards below to find out more about different circumstances that are considered in field enumeration:

Traditional dwellings are easiest to find as they generally have a postal address, except for those in remote areas

For those who have no dwelling such as rough sleepers, the nearest location is used to count them in the census

CONTINUE

2023 Census customer training modules

Services to support



Customer Services and engagement

Information Centre

Get in touch with the Information Centre by:



Live chat on stats.govt.nz



[0508 525 525](tel:0508525525)



info@stats.govt.nz



[Online form](#)

Engagement about 2023 Census data

- Find out about opportunities to engage
- Request a bespoke training session for your organisation.

Customised data services

Customised data requests

You can request [customised datasets](#) if you require:

- more detailed or older data than what's available online
- a different format or layout than we've provided
- one-on-one help from an expert
- data sooner than it will be available in published outputs.

Te Ara Takatū (customised iwi data requests)

Stats NZ work with iwi to enable greater access to data and the insights data can provide. As part of this, we offer census data to iwi and iwi-related groups through [Te Ara Takatū](#).

Iwi data requests will be available through Te Ara Takatū on the same dates as the Te Whata releases.

Upcoming 2023 Census data releases

Coming up in the next releases

Date	Data release
23 October	Electoral data release - number of electorates and electoral populations
31 October	Te Whata: Families, extended families, and households data release by Māori descent and iwi affiliation Te Ara Takatū customised iwi data requests on families, extended families, and households data
7 November	Families, extended families, and households data release: Aotearoa Data Explorer – totals by topic (national and subnational to SA1) Customised data requests for families, extended families, and households data
26 November	Place and Ethnic group summaries
3 December	Aotearoa Data Explorer – top topic tables Geospatial files – totals by topic to SA1 and SA2

Census topic releases in 2025

February	March	April	May	June	July
 Iwi affiliation & Māori descent	 Ethnicity, culture, & identity	 Housing  Families & households	 Activity limitations	 Work & income  Education & training  Transport  Population structure	 Location  Health  Families & households by ethnicity

Ngā mihi
Thank you
