

New Zealand Long Term Data Series (LTDS)

Series: Population
Sub-series: Size, Distribution, Ethnicity
Table: G.2.1
Title: Total Population
[Statistics New Zealand Definitions](#)
[Notes on Consolidated Series](#)
Source

1 Statistics New Zealand (2002) "Demography Population Estimates: NZ Resident Population Estimates December Year at 31 December" in *INFOS 3.0*: DPEA.SDDA - DPEA.SDDC

2 Statistics New Zealand (2002) *INFOS 3.0*. (Wellington: Statistics New Zealand).
Total series is POPC.S1AV
Male Series is POPC.S4B1GZ1O
Female series is POPC.S4B2GZ1O

3 Statistics New Zealand (2002) "Demography Population Estimates: NZ DF Population Estimates December Year at 31 December" in *INFOS 3.0*: DPEA.SADA - DPEA.SADC

4 Statistics New Zealand (1990) *New Zealand Official Yearbook 1990*. (Wellington: Statistics New Zealand) p 128; Table 5.2: Estimated Population, 1885-1989

5 Treasury Internal Database, *AREMOS*; series LPOP.A; de facto population estimates at 31 December 1936-2000

6 1840-1874, NZOYB 1901; 1875-1975, NZOYB 1976, NZOYB 1893
Cited by Bloomfield, G. T. (1984) *New Zealand : A handbook of historical statistics*. (Boston: G. K. Hall and Co.) Table II.4, pp 44, 45, 46

7 Statistics of New Zealand, 1877
Cited by Lloyd Prichard, Muriel F. (1970) *An economic history of New Zealand to 1939*. (Auckland: Collins) p 97, Table 45 European population including number of males and females, births, deaths, marriages and excess of immigration over emigration, 1861-1876.

8 Total population (excluding Mao 1840-1857 NZOYB 1901 (except 1853 which is estimated)
1858-1864 NZOYB 1908
1865-1914 NZOYB 1915
1915-1922 NZOYB 1924

Total population (including Maori) 1875-1885 NZOYB 1926
1886-1936 NZOYB 1938
1937-1970 NZOYB 1982
1971-1997 NZOYB 1998

Cited by Phil Briggs, New Zealand Institute of Economic Research (NZIER)
Background research to *Looking at the numbers : a view of New Zealand's economic history* (2003), Wellington, NZIER.

9 NZOYB 1893; Censuses of New Zealand
Cited by C G F Simkin, *The Instability of a Dependent Economy - Economic Fluctuations in New Zealand 1840-1914*, p 117, Table 8.1: Population, Trade and Public Finance, 1840-52; p 135, Table 9.3: Changes in Occupations, 1858-71

10 Bloomfield 1984, pp 391-392
Cited by Keith Rankin (Thesis), *Labour Supply in New Zealand and Australia: 1919-1939*, p 170, Table 6F: Post Office Savings Bank

11 IMF International Financial Statistics Database and Browser (2004).
"New Zealand: Population" 19699Z.ZF

12 Statistics New Zealand (2002) *INFOS 3.0*. (Wellington: Statistics New Zealand).
Total series is POPC.S1AZ
Male series is POPC.S4U1GO1O
Female series is POPC.S4U2GO1O

13 Censuses
Cited by Statistics New Zealand, 2001: Census Population and Dwelling Statistics 2001
<http://www.stats.govt.nz/domino/external/pasfull/pasfull.nsf/7cf46ae26dcb6800cc256a62000a2248/4c2567ef00247c6acc256c67007d30dc?OpenDocument>

14 Census reports for years stated; Census 1976, Vol. 1A
Cited by Bloomfield, G. T. (1984) *New Zealand : A handbook of historical statistics*. (Boston: G. K. Hall and Co.), Table II.1, p 41

15 NZOYB 1991; p 158, 1993; p 103-104
Cited by David Thorns and Charles Sedgwick; *Understanding Aotearoa/ New Zealand*, p 55, Table 2.10 Composition of Population (Ethnic Groups) 1858-1991

16 Statistics New Zealand (1990) *New Zealand Official Yearbook 1990*. (Wellington: Statistics New Zealand) p 127; Table 5.1 Total New Zealand Population, 1858-1986 Censuses

17 Statistics New Zealand (2000) *New Zealand Official Yearbook 2000*. (Wellington: Statistics New Zealand), p 91; Table 5.1 Total New Zealand Population, 1858-1996 Censuses



18 Hawke 1985, Mitchell 1995
Cited by Veronica Jacobsen, *The Development of Gold Mining Law in New Zealand*, p 288,
Table 9.6: Population, Immigration and Mining Employment

19 INFOS series DPEA.SBIC
Cited by Paul Dalziel and Ralph Lattimore *The New Zealand Macroeconomy - A Briefing
on the Reforms*, 2001, 4th edition, p 134

20 James W. McIlraith, *The Course of Prices in New Zealand - An inquiry into the nature
and causes of the variations in the standard of value in New Zealand*, 1911, p 9: Growth
of Population.

21 Census Reports
Cited by Bloomfield, *New Zealand: A Handbook of Historical Statistics*, 1984, pp 131-136,
Table IV.3 Major Groups of Occupation 1874-1921

22 Census Reports, various for each year stated
Cited by G.R. Hawke, *Disaggregation of the New Zealand Labour Force, 1871-1936*,
VUW Working Papers in Economic History, 79/1 (January 1979), p 2, Table 1

23 J.V.T. Baker, 'Population', in *Encyclopaedia of New Zealand*, Vol. 2 p 823; NZOYB 1980,
pp 54, 66
Cited by G. R. Hawke, *The Making of New Zealand*, Victoria University of Wellington,
Working Papers Economic History, 81/3, November 1981, p 9, Table 1: Census Estimates
of Non-Maori Population

24 Briggs Phil (2003) "Looking at the numbers, A view of New Zealand's economic history"
sourced from Ian Poole's Phd thesis?

25 Gender Ratio, Censuses, Statistics New Zealand
Cited in NZOYB 1990, p 154, Table 5.14: Sex of the Population, 1858-1986 Censuses

Notes

1 INFOS

Series is DPEA.SDDA
Demography Population Estimates
NZ Resident Population Estimates, December Year
At 31 December
Total
Units = number; Magnitude = 1000s; Series Interval = Annual; Storage Month = Dec

2 INFOS

Series is POPC.S1AV
Census of Population and Dwellings (5 Yearly Census)
Total Population by Domicile
Usually Resident NZ Population
Units = n; Magnitude = Units; Series Interval = Census

3 INFOS

Series is DPEA.SADC
Demography Population Estimates
NZ DF Population Estimates, December Year
At 31 December
Total
Units = number; Magnitude = 1000s; Series Interval = Annual; Storage Month = Dec

4 NZOYB 1990

Omits censuses of 1861, 1864, 1967 and 1871 as censuses of Maori population were not taken

5 AREMOS

This series deals with resident *mean*, pre 1992 de facto estimates

6 BLOOMFIELD

Data taken for year ending 31 December. Excludes Maori to 1874.

NB: It looks like data is only for the Population of Provincial Districts, as looking
at Bloomfield, p 54 gives the same figures as these. This may not be the total for the whole population.

8 NZIER

Series is for the year ending 31 December

9 SIMKIN

1858, 1861, 1864, 1867 are all calculated at December, and 1871 is calculated
in February.

10 RANKIN

Data includes Maori

11 IMF

Data is for mid-year estimates

12 INFOS

Series is POPC.S1AZ

Census of Population and Dwellings (5 Yearly Census)

Total Population by Domicile

Total Population

Units = n; Magnitude = Units; Series Interval = Census

13 Census

14 BLOOMFIELD

The total population includes Maori but excludes island territories.

Also excludes armed forces personnel overseas for the following years:

1901-2 - 2,500 (approx), 1916 - 44,000 (approx), 1945 - 45,381, 1951 - 1,894,

1956 - 2,162, 1961 - 2,559, 1966 - 1,936, 1971 - 1,482, 1976 - 1,333

Data is not taken at consistent time periods every 5 years.

15 THORNS/SEDGWICK

1858-1991 is by Census year

Omits censuses of 1861, 1864, 1867, and 1871, as censuses of Maori population were not taken

17 NZOYB 2000

Omits censuses of 1861, 1864, 1867 and 1871 as censuses of Maori population were not taken in these years.

Data from 1981 onwards has been revised and is now based on the resident populations concept, rather than the de facto population concept which has been used in the past.

18 JACOBSEN

Maori excluded before 1926.

Population figures are continuous and are estimates.

19 DALZIEL/LATTIMORE

This series deals with *Mean* Population and is recorded in 000's

20 JAMES W. MCILRAITH

The area of New Zealand is 104,750 square miles.

21 BLOOMFIELD

Series is based on the 1921 classification and excludes Maori

22 HAWKE

Figures from 1861 adjusted to exclude all Maori-European half-castes.

1901, 1916, 1945, 1951, 1956, 1961, 1966, 1971, 1976 all exclude armed forces overseas.

1851-1867: For year ending in December

1871: Year ending in February

1874-1878: Year ending in March

1881: Year ending in April

1886: Year ending in March

1891-1896: Year ending in April

1901: Year ending in March

1906-1911: Year ending in April

1916: Year ending in October

1921-1926: Year ending in April

1936: Year ending in March

1945: Year ending in September

1951-1961: Year ending in April

1966-1976: Year ending in March

24 BRIGGS

The Estimated Maori population was constructed using the estimated Maori population in 1840 and the census counts in 1858 and 1874 reported in Briggs. The remaining years were estimated by fitting an appropriate growth trend so that the estimated population goes through the reported points.

Statistics New Zealand Definitions

Estimated Resident Population

An estimate of all people who usually live in a given area at a given date.

The estimated resident population of New Zealand is an estimate of all people who usually live in New Zealand at a given date. It includes all residents present in New Zealand and counted by the census (census usually resident population count), 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 overseas are excluded.

<http://www2.stats.govt.nz/domino/external/omni/OMNI.NSF/Outputs/demographic+projections>

Estimates are made on the 31st of December

Census Usually Resident Population Count

A count of all people who usually live in a given area, and are present in New Zealand, on a given census night.

The census usually resident population count of New Zealand *excludes* visitors from overseas and *excludes* New Zealand residents who are temporarily overseas

<http://www2.stats.govt.nz/domino/external/omni/omni.nsf/wwwqlsry/census+usually+resident+population+count>

Census Night Population Count

A count of all people present in a given area on a given census night.

The census night population count of New Zealand *includes* visitors from overseas who are counted on census night, but *excludes* New Zealand residents who are temporarily overseas.

<http://www2.stats.govt.nz/domino/external/omni/omni.nsf/23f076d733ded7e74c256570001d92b4/91b2d647eabbac7dcc256f3200175ce8?OpenDocument>

Estimated De Facto Population

The estimated de facto population of New Zealand includes all people present in New Zealand and counted by the census (census night population count).

This estimate *includes* temporary visitors from overseas who are counted on census night, but *excludes* New Zealand residents who are temporarily overseas.

Estimates are made on the 31st of December

The estimated de facto population at a given date after census includes births, deaths and net migration (arrivals less departures) of people during the period between census night and the given date.

De facto population estimates are no longer produced. National population estimates were produced annually (reference date at 31 December) from 1936 to 1950 and quarterly (reference dates at 31 March, 30 June, 30 September and 31 December) from March 1951 to June 1997.

<http://www2.stats.govt.nz/domino/external/omni/omni.nsf/23f076d733ded7e74c256570001d92b4/6a10f038a1c887f8cc256eae00004b2f?OpenDocument>

Time of Year the census was taken

1858 Census was taken in December.

1874, 1878, 1886, 1901, 1936, 1966, 1971, 1976, 1981, 1986, 1991, 1996, 2001 Censuses were taken in March

1881, 1891, 1896, 1906, 1911, 1921, 1926, 1951, 1956, 1961 Censuses were taken in April

1916 Census was taken in October

1945 Census was taken in September

Note: Census was not taken in 1931 and 1941.

Consolidated De Facto total population

The Consolidated de facto total population has been constructed using Statistics New Zealand estimates of the de facto total population between 1874 and 1998. Prior to 1874 only the European population was estimated except for the 1858 census when Maori were included. The De facto European population was added to the estimated Maori population for the period to get an estimate for the de facto total population between 1840 and 1874. The estimate for this period goes through the 1858 census point since this census point includes Maori for this period.

The Consolidated de facto total population estimate is for 31 December of the year reported.

The Consolidated De facto population estimate starts in 1840 and ends in 1998. This is because the De Facto population estimate was discontinued in 1997 (Briggs gives an estimate for 1998).

The De Facto population concept was replaced by the Estimated Resident Population Concept in 1996. Statistics New Zealand has back dated the Estimated Resident Population to 1991.

Consolidated Estimated Resident Population

The Consolidated Estimated Resident Population uses data from INFOS from 1991 to the present.

Consolidated Population by Sex

The Consolidated Population by Sex for the de facto population uses NZOYB data from 1875 to 1960. From 1961 to 1996 INFOS data has been used. NZOYB data has been used from 1875 to 1960 because the INFOS data overlaps for a period and is the same. Where the NZOYB data differs from the INFOS data, the INFOS data has been used because the source is more recent and therefore the difference may be due to revisions. The De facto population concept was discontinued in 1997.

The Consolidated Population by Sex for the Estimated Resident Population uses INFOS data from 1991 on.

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