StatisticsNZ, n.d. [h] Backcover

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.S4B1GZ10 Female series is POPC.S4B2GZ10

- 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

births, deaths, marriages and excess of immigration over emigration, 1861-1876.

- 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,
- 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

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.S4U1G010 Female series is POPC.S4U2G010
- 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

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

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

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.

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

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

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 is September

1951-1961: Year ending in April 1966-1976: Year ending in March

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

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/wwwglsry/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.

ı	timated Decident Donnlation	Actual Actual	8 INFOS North Islan South Islar Total								
			7 INFOS 8 III North Islan South Islan Total No	100	88		30	>	252	4-	29
	Census Night until 1977,	Actual Actual Actual	6 NZOYB 2002 North Islan South Islar Total	87,150 28,311 115,461	155,472 189,513 344,985	199,524 258,483 458,007	234,648 299,382 534,030	290,010 330,441 620,451	321,246 347,403 668,652	377,955 365,259 743,214	431,472 384,390 815,862
	Comment of the County	s Usually Resident Population Actual Actual	4 SNZ 5 SNZ North South Total North Island South Islant Total								
		Actual Actual Actual	3 PRICHARD North South Total							340,872 362,488 703,360	390,786 381,933 772,719
eries (LTDS)	Series: Population Table: A.1.4 Sub-series: Size, Distribution and Ethnicity Title: North and South Island Population	Actual Actual	2 NZOYB 1990 North South Total	87,150 28,312 115,462	155,472 189,512 344,984	199,523 258,484 458,007	234,648 299,382 534,030	290,009 330,442 620,451	321,247 347,404 668,651	377,954 365,260 743,214	431,471 384,391 815,862
lew Zealand Long Term Data S	veries: Population ub-series: Size, Distribution and Ethnicity	Census Night Population Count Actual Actual Actual	1 THORNS North South Total				193,047 296,886 489,933	250,482 328,000 578,482	281,474 345,184 626,658	340,638 362,722 703,360	390,579 382,140 772,719
98		Measurement: Co	Sources: 1 Documentation No	7 Year; 7 Year	1872 1873 1874 1875	1877 1878 1878 1879	1880 1881 1882 1883	1884 1885 1886 1887 1887	1889 1890 1891 1892	1894 1895 1896 1897 1898	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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2,268,393	2,051,363	1,893,326	1,684,785	1,497,364	1,313,869	1,146,315	1,018,038		831,813	741,255	651,072	563,733	476,737
860,990	811,268	783,593	830,199	676,698	625,603	556,015	555,774		512,656	477,658	448,377	444,735	411,841
3,129,383	2,862,631	2,676,919	2,514,984	2,174,062	1,939,472	1,702,330	1,573,812		1,344,469	1,218,913	1,099,449	1,008,468	888,578
2,268,393	2,051,363	1,893,326	1,684,785	1,497,364	1,313,869	1,146,292	1,018,038		892,679	791,918	695,396	610,599	521,899
860,990	811,268	783,593	730,199	676,698	625,603	556,000	555,774		515,460	479,750	453,829	447,713	414,410
3,129,383	2,862,631	2,676,919	2,414,984	2,174,062	1,939,472	1,702,298	1,573,812		1,408,139	1,271,668	1,149,225	1,058,312	936,309
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2,268,393	2,051,364	1,893,327	1,684,785	1,497,363	1,313,869	1,146,315	1,018,038	892,680	791,919	695,397	610,599	521,898
860,991 3,129,384	811,269 2,862,630	783,594 2,676,918	730,200 2,414,985	676,698 2,174,061	625,602 1,939,473	556,014 1,702,329	555,774 1,573,812	515,460 1,408,140	479,751 1,271,667	453,828 1,149,225	447,714 1,058,313	414,411 936,309
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							2,810,200	2,854,800	2,905,900	2,926,400	2,944,300	2,991,800	3,047,700		
3,175,737	3 307 084	3,339,200 3,339,200	3,373,400	3,434,950	3,494,300	3,541,600									
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837,429 3,143,307 2,322,989	:: :: :: :: :: :: :: :: :: :: :: :: ::			853,578 3,373,926 2,553,413 2,574,300			900,114 3,618,303				907,476 3,737,277				
837,429	850 623			853,578			900,114				907,476				
2,303,985	2 412 660			3,373,926 2,520,348			3,618,300 2,718,189				3,737,277 2,829,801				
				3,373,926	4		3,618,300	7			3,737,277	-	7		
				853,575			900,108				907,476				
				2,520,351			2,718,183				2,829,798				
							3,617,553				3,736,554				
							899,385				906,756				
							2,718,168				2,829,798				

