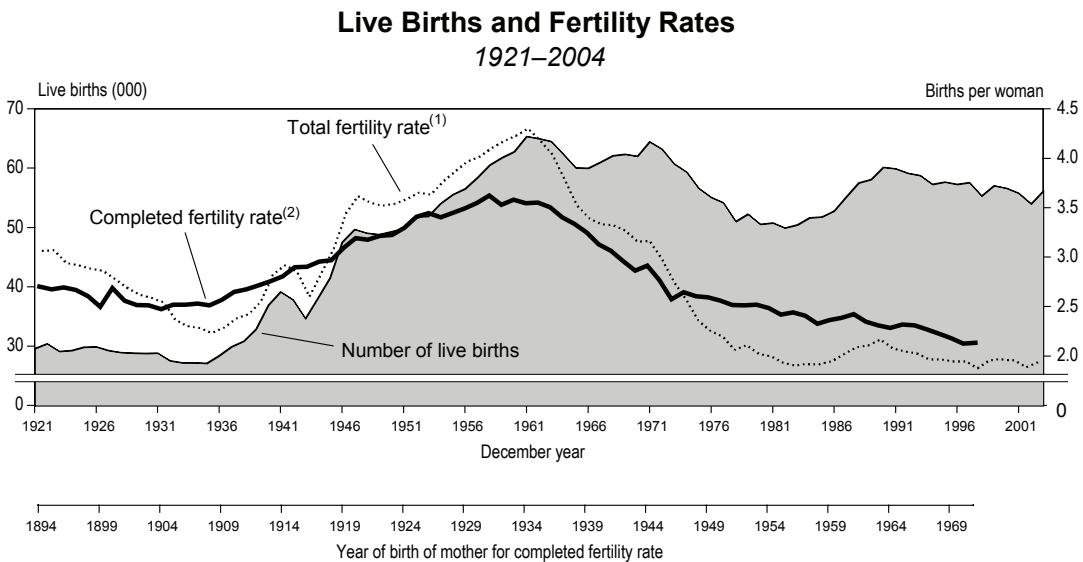


Chapter 2

Births

- There were 58,073 live births registered in New Zealand in the year ended December 2004, representing 29,744 boys and 28,329 girls. This is the highest number of live births since 1993, when 58,782 births were registered.
- The highest number of live births registered in one year was 65,390 in 1961.
- The total fertility rate was 2.0 births per woman in 2004; 4.3 births per woman in 1961; and 3.1 births per woman in 1921.
- Women aged 30–34 years had the highest fertility rate (120 births per 1,000 women aged 30–34) in 2004.
- One in every five children born in 2004 had more than one ethnicity. Half as many mothers had multiple ethnicities (roughly one in 10).
- Sixty percent of Māori children born in 2004 had more than one ethnicity.
- In 2004, the median age of Māori mothers was 26.0 years, four years younger than for the total population (30.3 years). The median age for Pacific, Asian and European women was 27.7, 30.9 and 31.1 years, respectively.
- Māori women had a total fertility rate of 2.6 births per woman in 2004.
- In the Auckland, Canterbury, Wellington, Otago and Nelson regions, women aged 30–34 years had the highest fertility rates. In the Gisborne Region, women aged 20–24 years had the highest fertility rates. In all other regions, women aged 25–29 years had the highest fertility rate.
- There were 914 sets of live born twins (1,828 babies) registered in 2004 and 10 sets of live born triplets (30 babies).

Figure 2.01



(1) The average number of births a woman would have during her life if she experienced the age-specific fertility rates of that year. It excludes the effects of mortality.

(2) The average number of children a woman born in a particular year has had during her life. The figures for 1956–1971 birth cohorts are estimates only.

The last century witnessed significant changes in family size, reproductive patterns and population dynamics. The transition in family size, from relatively large to relatively small families, was already under way when the 20th century began. The current low fertility level should therefore be viewed as an extension of the fundamental changes that began more than 100 years ago. New Zealand women now have fewer children, later in their lives, and some may forgo parenting altogether.

Decreasing fertility rates have been accompanied by decreasing mortality rates. The transition from high fertility and mortality to low fertility and mortality has resulted in an overall increase in the median age of the population (known as population ageing).

Births

Live births registered in New Zealand in the year ended December 2004 totalled 58,073, up from 56,134 in 2003. The 2004 figure is the highest recorded since 1993, when 58,782 live births were registered. The highest number of live births registered in any year was 65,390 in 1961.

Fertility rates and mother's age

The total fertility rate is the average number of births a woman would have during her life if she experienced the age-specific fertility rates of a given period (usually a year). The fertility rates for the December 2004 year indicate that, on average, New Zealand women are giving birth to 2.0 children. This is slightly below the level required for the population to replace itself, without migration (2.1 births per woman). It is also less than half the high of 4.3 births per woman recorded in 1961, which was supported by a dramatic trend toward early and near-universal marriage and early childbearing. Forty years earlier, in 1921, the total fertility rate was 3.1 births per woman.

Except for a brief recovery around 1990, New Zealand has been below replacement level since 1980. Sub-replacement fertility is common in developed countries, including France (1.9 births per woman), Australia (1.8), Sweden, England and Wales, and the Netherlands (all 1.7). Some countries, notably Italy and Spain, have recorded fertility rates of below 1.3 births per woman in recent years.

The trend towards later marriages, smaller families and delayed motherhood is consolidating. Fewer New Zealand women in their teens or twenties are having a child. Conversely, an increasing number of women in their thirties and forties are having a child. Fertility rates for the December 2004 year indicate that the 30–34 year age group (120 births per 1,000 women) is the most common age group

for childbearing. This is a significant departure from the early 1970s, when the age group 20–24 years was the most common for childbearing.

Over the past decade, the fertility rates for women in all age groups under 30 years have dropped, while those for women aged 30 years and over have increased. Despite the trend towards lower fertility among women aged under 30 years, their combined fertility rates (104 births per 1,000 women aged under 30 years) is still slightly higher than for women aged 30 years and over (97 births per 1,000 women aged 30 years and over).

The median age of New Zealand women giving birth during the year ended December 2004 was 30.3 years, compared with 28.5 years in 1994 and 25.1 years in 1975. On average, New Zealand women are having children about five years later than their counterparts in the early 1970s.

Cohort fertility

In general, if there is a significant trend towards having children at a younger age the total fertility rate tends to exaggerate the number of live births a woman is likely to have over her lifetime. If there is a significant trend towards having children at an older age the total fertility rate tends to underestimate the number of births a woman will have.

The cohort fertility series traces the fertility experience of women born in a particular year. The complete fertility rate is the average number of births a woman born in a particular year has had during her life. The complete fertility rate for women born during the 1930s was about 3.5 births, compared with a total fertility rate of about 4.1 during the early 1960s. In contrast, women born during the 1950s had a complete fertility rate of about 2.4 births per woman compared with a total fertility rate of about 2.0 births per woman during the early 1980s.

Ethnicity

Changes to the ethnicity question on the birth and death registration forms were introduced in September 1995. Prior to that, all children with half or more degree of blood were classed as Māori or Pacific (as the case may be). No information was available for other groups. The current birth registration form collects the ethnic group and Māori ancestry of both mother and child. It is important to bear in mind that the introduction of these new questions and the resultant conceptual differences (biological versus self-identification) mean that the birth data by ethnicity from 1996 is not directly comparable with the old series.

Mothers and babies may belong to more than one ethnic group. For example, a baby who has both Māori and Pacific ethnicity would be recorded in

both ethnic groups. As a result, the ethnic group totals do not sum to the number of births. Within the main ethnic groups each birth is counted only once. For example, a child whose ethnicity is recorded as Māori, New Zealand European and English is counted once in the Māori ethnic group and once in the European ethnic group.

A baby's ethnicity tends to reflect the ethnicities of both parents. In 2004, over three-quarters (78 percent) of births registered belonged to only one ethnic group, 19 percent belonged to two ethnic groups and 3 percent belonged to three ethnic groups. Half as many mothers (11 percent) as babies (22 percent) identified with more than one ethnic group.

In the December 2004 year, 60 percent of Māori babies and 48 percent of Pacific babies belonged to two or more ethnic groups. In contrast, 73 percent of European babies and 72 percent of Asian babies belonged to only one ethnic group.

The total fertility rate for the Māori ethnic group in the December 2004 year was 2.6 births per woman, well above replacement level (2.1 births per woman). Annual fertility rates are not available for any other ethnic groups because annual population estimates are not calculated. However, fertility rates for the four major ethnic groups have been calculated for the three-year period centred on the 2001 Census. These give total fertility rates for the Pacific, Māori, European and Asian ethnic groups of 2.9, 2.6, 1.8 and 1.7 births per woman, respectively.

Regional fertility

To minimise the annual fluctuations, regional fertility rates are calculated using the annual average number of live births over three years.

Regional variations in fertility are marked. In 2003, Gisborne had the highest total fertility rate (2.6 births per woman), while the total fertility rate for Otago was 1.6 births per woman. Regional fertility rates reflect the socio-economic characteristics of the area. For example, the low total fertility rate in Otago reflects the high number of young women studying in Dunedin. These young women tend to delay childbirth until they have completed their studies, by which time they are likely to have moved to other regions. The fertility rates for women living in Otago aged under 20 years and 20-24 years (11 and 32 per 1,000, respectively) are less than half the national rates (26 and 70 per 1,000, respectively).

Where to find additional information

Births and Deaths information releases are available on the Statistics New Zealand website at:

<http://www.stats.govt.nz/products-and-services/info-releases/births-and-deaths.htm>

Additional tables on births and fertility rates are available on the Statistics New Zealand website at:

<http://www.stats.govt.nz/tables/births-additional-info.htm>

The following article and report is available on the Statistics New Zealand website:

“Teenage Fertility in New Zealand” and Fertility of New Zealand Women by Ethnicity and can be accessed via:

<http://www.stats.govt.nz/people/population/births.htm>

For information about births statistics, go to:

<http://www2.stats.govt.nz/domino/external/omni/omni.nsf/outputs/Births>

Table 2.01

Live and Still Births⁽¹⁾*By nuptiality*

1962–2004

December year	Live Births			Stillbirths ⁽³⁾		
	Nuptial	Ex-nuptial ⁽²⁾	All Births	Nuptial	Ex-nuptial ⁽²⁾	All Births
De Facto Population Concept						
1962	59,787	5,227	65,014	742	101	843
1963	58,847	5,680	64,527	726	98	824
1964	56,148	6,154	62,302	733	81	814
1965	53,516	6,531	60,047	606	112	718
1966	53,063	6,940	60,003	571	97	668
1967	53,257	7,765	61,022	614	121	735
1968	54,052	8,060	62,112	635	117	752
1969	54,255	8,105	62,360	526	99	625
1970	53,774	8,276	62,050	576	95	671
1971	55,479	8,981	64,460	545	115	660
1972	53,821	9,394	63,215	537	106	643
1973	51,521	9,206	60,727	461	97	558
1974	49,966	9,370	59,336	409	102	511
1975	47,232	9,407	56,639	382	90	472
1976	45,508	9,597	55,105	336	87	423
1977	43,914	10,265	54,179	335	78	413
1978	40,775	10,254	51,029	276	88	364
1979	41,337	10,942	52,279	268	80	348
1980	39,685	10,857	50,542	257	92	349
1981	39,353	11,441	50,794	245	87	332
1982	38,552	11,386	49,938	215	82	297
1983	38,495	11,979	50,474	194	75	269
1984	39,080	12,556	51,636	189	72	261
1985	38,877	12,921	51,798	188	66	254
1986	38,586	14,237	52,823	178	72	250
1987	39,456	15,798	55,254	175	90	265
1988	39,923	17,623	57,546	186	91	277
1989	38,861	19,230	58,091	163	104	267
1990	39,674	20,479	60,153	148	99	247
Resident Population Concept						
1991	38,509	21,402	59,911	172	103	275
1992	37,424	21,742	59,166	145	92	237
1993	36,441	22,341	58,782	106	73	179
1994	35,162	22,159	57,321	112	73	185
1995	34,187	23,484	57,671	138	107	245
1996	33,369	23,911	57,280	199	183	382
1997	33,512	24,092	57,604	188	176	364
1998	31,848	23,501	55,349	158	167	325
1999	32,623	24,430	57,053	191	189	380
2000	32,144	24,461	56,605	202	147	349
2001	31,421	24,378	55,799	166	159	325
2002	30,473	23,548	54,021	192	162	354
2003	31,429	24,705	56,134	173	173	346
2004	32,074	25,999	58,073	226	257	483

(1) Excludes late registrations under section 14 of the Births, Deaths, and Marriages Registration Act 1995. (Births which were not registered in the ordinary way at the time the birth occurred. Such registrations can occur as late as retirement age.)

(2) Births occurring to unmarried mothers. Many of these children are born to couples living in de facto relationships.

(3) Until 30 August 1995, a stillbirth was defined as a child born dead after 28 weeks of pregnancy. From 1 September 1995, a child is stillborn when it is dead at birth and either weighs 400g or more at birth, or is born after the 20th week of pregnancy. As a result, stillbirth figures from 1995 onwards are not strictly comparable with earlier years.

Note:

(a) Births data from 1991 onwards are based on births registered in New Zealand to mothers resident in New Zealand by date of registration. Before 1991, births data are based on births registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration.

(b) Births data for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

(c) Nuptiality is determined by the date of marriage given on the birth registration form. If no date of marriage is given, the birth is assumed to be ex-nuptial.

(d) Stillbirths registered in the March 2004 quarter are higher than expected due to changes in the follow-up procedures used for outstanding registrations by the Department of Internal Affairs.

Table 2.02

Live Births⁽¹⁾
By ethnicity and Māori ancestry
 1996–2004

December year	Ethnicity ⁽²⁾					Māori Ancestry			Live Births ⁽⁴⁾
	Māori	Pacific	Asian	European	Other	Māori	Non-Māori	Not Specified ⁽³⁾	
Mother									
1996	12,726	5,938	3,499	38,831	350	12,932	40,917	3,431	57,280
1997	13,176	5,966	3,975	39,452	391	13,312	41,854	2,438	57,604
1998	12,250	5,774	3,949	38,591	455	12,051	40,809	2,489	55,349
1999	12,866	6,523	4,033	39,336	475	12,577	42,323	2,153	57,053
2000	12,753	6,302	4,314	38,789	486	12,606	41,857	2,142	56,605
2001	12,689	6,321	4,133	38,307	559	12,440	41,287	2,072	55,799
2002	11,968	6,209	4,618	36,679	511	11,838	40,286	1,897	54,021
2003	12,462	6,363	5,285	37,561	681	12,164	41,901	2,069	56,134
2004	13,066	6,690	5,739	38,615	752	12,709	43,256	2,108	58,073
Child⁽⁵⁾⁽⁶⁾									
1996	15,804	7,458	3,792	40,229	467	17,478	36,910	2,892	57,280
1997	16,301	7,596	4,286	40,980	509	17,930	37,766	1,908	57,604
1998	15,232	7,367	4,252	40,019	590	16,059	37,003	2,287	55,349
1999	16,015	8,166	4,448	40,853	601	15,988	38,887	2,178	57,053
2000	15,851	8,184	4,659	40,460	649	15,956	38,375	2,274	56,605
2001	15,839	8,218	4,505	39,868	719	15,848	37,761	2,190	55,799
2002	14,871	8,023	5,054	38,259	682	15,105	36,885	2,031	54,021
2003	15,657	8,299	5,706	39,196	874	15,639	38,292	2,203	56,134
2004	16,259	8,671	6,266	40,307	892	16,297	39,481	2,295	58,073

(1) Excludes late registrations under section 14 of the Births, Deaths, and Marriages Registration Act 1995. (Births which were not registered in the ordinary way at the time the birth occurred. Such registrations can occur as late as retirement age.)

(2) Each birth has been included in every ethnic group specified. For this reason, some births are counted more than once.

(3) Includes Māori ancestry not known.

(4) Includes ethnicity not specified or response out of scope.

(5) From July 1998, if no ethnic group was stated for a child, the child was assigned the ethnic groups of its parents.

(6) From December 1995 to June 1998, children were assigned Māori ancestry if either parent indicated they had Māori ancestry.

From July 1998, if the ancestry of the child was not stated, the child was assigned Māori ancestry if either parent indicated they had Māori ancestry.

Note:

(a) Births data are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration.

(b) Births data for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

(c) Ethnic group figures from 1998 onwards allow for up to 10 ethnicities to be captured per person. Prior to 1998, the maximum number of ethnicities captured per person was three.

Table 2.03

Live Births⁽¹⁾
By ethnicity of mother and child
 Year ended 31 December 2004

Ethnic group	Mother	Child
Total Response⁽²⁾		
European	38,615	40,307
Māori	13,066	16,259
Pacific	6,690	8,671
Asian	5,739	6,266
Other	752	892
One Ethnic Group⁽³⁾		
European	32,800	29,325
Māori	7,689	6,549
Pacific	5,078	4,522
Asian	5,248	4,483
Other	661	539
Two Ethnic Groups⁽⁴⁾		
European/Māori	4,551	6,820
European/Pacific	715	1,324
European/Asian	165	1,014
European/Other	59	204
Māori/Pacific	465	1,203
Māori/Asian	48	111
Māori/Other	12	31
Pacific/Asian	165	201
Pacific/Other	3	22
Asian/Other	4	10
Three Ethnic Groups⁽⁵⁾		
European/Māori/Pacific	214	1,149
European/Māori/Asian	61	207
European/Māori/Other	9	54
European/Pacific/Asian	32	105
European/Pacific/Other	1	11
European/Asian/Other	1	6
Māori/Pacific/Asian	10	43
Māori/Pacific/Other	0	5
Māori/Asian/Other	0	0
Pacific/Asian/Other	0	1
Four or More Ethnic Groups⁽⁶⁾		
	7	88
Not Specified ⁽⁷⁾	75	46
Live Births	58,073	58,073

(1) Excludes late registrations under section 14 of the Births, Deaths, and Marriages Registration Act 1995. (Births which were not registered in the ordinary way at the time the birth occurred. Such registrations can occur as late as retirement age.)

(2) Each birth has been included in every ethnic group specified. For this reason, some births are counted more than once.

(3) Includes births where only one ethnic group was specified or the ethnic groups specified were all in the same broad group.

(4) Includes births where the specified ethnic groups belonged to two different broad groups.

(5) Includes births where the specified ethnic groups belonged to three different broad groups.

(6) Includes all other ethnic combinations.

(7) Includes ethnicity not specified or response out of scope.

Note: Births data are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration.

Table 2.04

Live Births⁽¹⁾ by Mother's Age and Ethnicity⁽²⁾
1998–2004

December year	Age of Mother (years)								All Ages	Median Age of Mother (years)
	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over		
Māori Ethnic Group										
1998	24	2,041	3,634	3,272	2,089	988	195	7	12,250	25.6
1999	20	1,951	3,790	3,478	2,302	1,095	218	12	12,866	25.9
2000	23	1,961	3,775	3,302	2,313	1,143	233	3	12,753	25.9
2001	22	1,917	3,712	3,269	2,361	1,144	252	12	12,689	26.0
2002	23	1,793	3,424	3,023	2,329	1,092	272	12	11,968	26.2
2003	19	1,973	3,567	3,079	2,346	1,138	325	15	12,462	26.1
2004	24	2,166	3,706	3,107	2,528	1,219	304	12	13,066	26.0
Pacific Ethnic Group										
1998	6	534	1,493	1,644	1,372	599	119	7	5,774	27.6
1999	9	603	1,590	1,886	1,557	713	161	4	6,523	27.7
2000	5	577	1,566	1,733	1,490	771	152	8	6,302	27.8
2001	2	584	1,682	1,730	1,445	714	157	7	6,321	27.6
2002	7	545	1,616	1,668	1,382	818	166	7	6,209	27.7
2003	8	568	1,602	1,712	1,419	859	183	12	6,363	27.9
2004	7	625	1,670	1,846	1,442	871	217	12	6,690	27.7
Asian Ethnic Group										
1998	2	90	523	1,188	1,381	655	100	10	3,949	30.6
1999	0	94	507	1,141	1,382	776	128	5	4,033	30.9
2000	1	113	528	1,263	1,489	791	123	6	4,314	30.8
2001	0	110	551	1,174	1,366	769	157	6	4,133	30.8
2002	1	105	664	1,343	1,559	776	161	9	4,618	30.6
2003	0	122	728	1,518	1,782	901	225	9	5,285	30.7
2004	0	123	824	1,568	1,978	991	243	12	5,739	30.9
European Ethnic Group										
1998	15	2,077	5,822	11,489	12,465	5,829	865	29	38,591	30.0
1999	7	2,006	5,753	11,508	12,944	6,084	996	38	39,336	30.1
2000	10	1,958	5,576	10,966	12,948	6,215	1,082	34	38,789	30.3
2001	14	2,011	5,373	10,464	12,925	6,365	1,109	46	38,307	30.5
2002	10	1,948	5,151	9,071	12,756	6,460	1,237	46	36,679	30.8
2003	8	1,971	5,082	9,060	13,113	6,906	1,366	55	37,561	31.0
2004	14	2,057	5,456	8,933	13,612	7,112	1,376	55	38,615	31.1
Other Ethnic Group										
1998	0	18	68	126	157	78	8	0	455	30.5
1999	0	22	78	132	134	90	18	1	475	30.1
2000	0	19	85	139	146	81	16	0	486	30.0
2001	0	24	98	152	147	114	21	3	559	30.2
2002	0	24	92	125	173	70	27	0	511	30.3
2003	0	23	130	208	195	96	22	7	681	29.6
2004	0	21	126	238	223	113	28	3	752	29.8
Live Births⁽³⁾										
1998	34	3,890	9,986	16,160	16,362	7,665	1,200	52	55,349	29.3
1999	30	3,854	10,023	16,427	17,067	8,207	1,389	56	57,053	29.5
2000	31	3,787	9,881	15,766	17,163	8,430	1,497	50	56,605	29.7
2001	28	3,745	9,751	15,100	17,009	8,516	1,580	70	55,799	29.8
2002	29	3,593	9,264	13,747	16,926	8,655	1,741	66	54,021	30.1
2003	29	3,755	9,467	13,990	17,523	9,304	1,975	91	56,134	30.2
2004	36	4,008	9,960	14,071	18,290	9,602	2,016	90	58,073	30.3

(1) Excludes late registrations under section 14 of the Births, Deaths, and Marriages Registration Act 1995. (Births which were not registered in the ordinary way at the time the birth occurred. Such registrations can occur as late as retirement age.)

(2) Each birth has been included in every ethnic group specified. For this reason, some births are counted more than once.

(3) Includes ethnicity not specified or response out of scope.

Note:

(a) Births data are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration.

(b) Births data for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

(c) Ethnic group figures from 1998 onwards allow for up to 10 ethnicities to be captured per person. Prior to 1998, the maximum number of ethnicities captured per person was three.

Table 2.05

Single and Multiple Births⁽¹⁾

By live/still⁽²⁾ combination

1971–2004

December year	All Births		Single Births		Twins			Triplets				Other ⁽³⁾
	Live	Still	Live	Still	Both Live	Both Still	1 Live 1 Still	All Live	All Still	1 Live 2 Still	2 Live 1 Still	
De Facto Population Concept												
1971	64,460	660	63,111	624	1,298	12	48	27	0	0	0	0
1972	63,215	643	61,976	609	1,188	22	24	39	0	0	0	0
1973	60,727	558	59,568	526	1,132	16	28	9	0	0	6	0
1974	59,336	511	58,222	470	1,078	16	46	9	0	0	6	0
1975	56,639	472	55,464	438	1,136	10	48	15	0	0	0	0
1976	55,105	423	54,045	403	1,030	2	36	12	0	0	0	0
1977	54,179	413	53,105	380	1,036	12	38	15	0	0	6	0
1978	51,029	364	49,962	346	1,022	6	24	33	0	0	0	0
1979	52,279	348	51,240	334	1,006	2	24	21	0	0	0	0
1980	50,542	349	49,522	327	984	8	28	18	0	0	0	4
1981	50,794	332	49,761	292	984	18	44	27	0	0	0	0
1982	49,938	297	48,926	275	972	6	26	21	0	0	9	0
1983	50,474	269	49,400	252	1,034	8	18	27	0	0	0	4
1984	51,636	261	50,451	242	1,134	8	22	36	0	0	0	4
1985	51,798	254	50,686	231	1,064	8	26	30	0	3	0	4
1986	52,823	250	51,692	239	1,088	0	20	27	0	0	3	4
1987	55,254	265	53,968	249	1,264	6	20	12	0	0	0	0
1988	57,546	277	56,281	262	1,230	2	24	21	0	0	3	0
1989	58,091	267	56,758	245	1,286	6	32	27	0	0	0	4
1990	60,153	247	58,723	227	1,374	6	28	42	0	0	0	0
Resident Population Concept												
1991	59,911	275	58,453	254	1,402	4	34	39	0	0	0	0
1992	59,166	237	57,734	224	1,404	0	26	15	0	0	0	0
1993	58,782	179	57,316	167	1,412	2	20	36	0	0	0	8
1994	57,321	185	55,804	169	1,458	2	28	45	0	0	0	0
1995	57,671	245	56,217	227	1,382	4	28	54	0	0	0	4
1996	57,280	382	55,787	344	1,416	18	38	48	0	0	3	8
1997	57,604	364	55,959	324	1,552	20	40	69	0	0	0	4
1998	55,349	325	53,651	305	1,654	8	16	30	3	0	3	4
1999	57,053	380	55,359	338	1,616	14	52	48	0	0	6	0
2000	56,605	349	54,802	318	1,714	20	22	78	0	0	0	0
2001	55,799	325	54,031	302	1,726	10	22	30	0	3	0	0
2002	54,021	354	52,217	320	1,756	18	28	33	0	3	0	0
2003	56,134	346	54,288	318	1,766	6	42	57	0	0	3	0
2004	58,073	483	56,194	443	1,828	20	38	30	0	0	3	0

(1) Excludes late registrations under section 14 of the Births, Deaths, and Marriages Registration Act 1995. (Births which were not registered in the ordinary way at the time the birth occurred. Such registrations can occur as late as retirement age.)

(2) Until 30 August 1995, a stillbirth was defined as a child born dead after 28 weeks of pregnancy. From 1 September 1995, a child is stillborn when it is dead at birth and either weighs 400g or more at birth, or is born after the 20th week of pregnancy. As a result, stillbirth figures from 1995 onwards are not strictly comparable with earlier years.

(3) All other births are live births.

Note:

(a) Births data from 1991 onwards are based on births registered in New Zealand to mothers resident in New Zealand by date of registration. Before 1991, births data are based on births registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration.

(b) Births data for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

(c) Stillbirths registered in the March 2004 quarter are higher than expected due to changes in the follow-up procedures used for outstanding registrations by the Department of Internal Affairs.

Table 2.06

Confinements⁽¹⁾ Resulting in Live and Still Births*By mother's age⁽²⁾*

Year ended 31 December 2004

Age of mother (years)	All Confinements		Single Cases		Cases of Twins			Cases of Triplets			
	Live	Still	Live	Still	Both Live	Both Still	1 Live 1 Still	All Live	All Still	1 Live 2 Still	2 Live 1 Still
Single Year of Age											
11	0	0	0	0	0	0	0	0	0	0	0
12	1	0	1	0	0	0	0	0	0	0	0
13	6	0	6	0	0	0	0	0	0	0	0
14	29	1	29	1	0	0	0	0	0	0	0
15	124	2	124	2	0	0	0	0	0	0	0
16	378	3	375	3	3	0	0	0	0	0	0
17	776	6	768	6	7	0	1	0	0	0	0
18	1,168	12	1,158	12	10	0	0	0	0	0	0
19	1,528	14	1,514	14	14	0	0	0	0	0	0
20	1,673	21	1,661	20	11	1	1	0	0	0	0
21	1,776	14	1,749	13	27	1	0	0	0	0	0
22	1,977	10	1,963	10	14	0	0	0	0	0	0
23	2,168	13	2,140	12	27	1	1	0	0	0	0
24	2,255	24	2,223	23	32	1	0	0	0	0	0
25	2,370	23	2,349	23	21	0	0	0	0	0	0
26	2,491	19	2,452	19	37	0	1	1	0	0	0
27	2,757	31	2,716	30	41	1	0	0	0	0	0
28	2,948	10	2,905	9	41	1	2	0	0	0	0
29	3,309	16	3,254	16	52	0	2	1	0	0	0
30	3,587	23	3,535	23	51	0	1	0	0	0	0
31	3,801	23	3,728	23	68	0	3	2	0	0	0
32	3,826	28	3,762	27	63	1	0	1	0	0	0
33	3,517	21	3,451	21	64	0	0	1	0	0	1
34	3,229	25	3,153	25	73	0	2	1	0	0	0
35	2,827	29	2,760	28	65	1	1	1	0	0	0
36	2,288	21	2,237	20	50	1	1	0	0	0	0
37	1,798	17	1,742	17	54	0	1	1	0	0	0
38	1,403	10	1,372	10	29	0	1	1	0	0	0
39	1,067	11	1,052	11	15	0	0	0	0	0	0
40	789	7	773	7	16	0	0	0	0	0	0
41	512	7	501	7	11	0	0	0	0	0	0
42	346	5	339	4	7	1	0	0	0	0	0
43	233	3	231	3	2	0	0	0	0	0	0
44	94	3	87	3	6	0	1	0	0	0	0
45	52	0	51	0	1	0	0	0	0	0	0
46	18	0	18	0	0	0	0	0	0	0	0
47	8	1	7	1	1	0	0	0	0	0	0
48	4	0	3	0	1	0	0	0	0	0	0
49 and Over	5	0	5	0	0	0	0	0	0	0	0
Age Group											
Under 20	4,010	38	3,975	38	34	0	1	0	0	0	0
20-24	9,849	82	9,736	78	111	4	2	0	0	0	0
25-29	13,875	99	13,676	97	192	2	5	2	0	0	0
30-34	17,960	120	17,629	119	319	1	6	5	0	0	1
35-39	9,383	88	9,163	86	213	2	4	3	0	0	0
40-44	1,974	25	1,931	24	42	1	1	0	0	0	0
45 and Over	87	1	84	1	3	0	0	0	0	0	0
All Ages	57,138	453	56,194	443	914	10	19	10	0	0	1

(1) A pregnancy resulting in either live or stillborn children. Such an event is counted as one confinement irrespective of whether a single or multiple birth results.

(2) Confinements (live and still) registered in New Zealand to mothers resident in New Zealand by date of registration.

Table 2.07

Live Nuptial Confinements⁽¹⁾
By mother's previous births⁽²⁾
 1962–2004

December year	Mother's Previous Births							Nuptial Confinements
	0 ⁽³⁾	1	2	3	4	5	6 and Over	
De Facto Population Concept								
1962	16,856	14,523	11,437	7,235	3,969	2,075	3,062	59,157
1963	16,541	14,823	11,045	7,025	3,805	2,159	2,927	58,325
1964	16,194	14,226	10,592	6,500	3,364	1,865	2,755	55,496
1965	16,583	13,822	9,868	5,658	2,959	1,705	2,449	53,044
1966	17,222	14,064	9,575	5,388	2,758	1,486	2,188	52,681
1967	17,564	14,489	9,452	5,189	2,663	1,438	2,050	52,845
1968	17,960	14,910	9,775	5,020	2,616	1,343	1,956	53,580
1969	18,331	15,231	9,533	5,090	2,519	1,285	1,885	53,874
1970	18,828	15,068	9,392	4,800	2,345	1,185	1,708	53,326
1971	20,101	15,688	9,708	4,680	2,139	1,089	1,471	54,876
1972	19,991	15,936	8,933	4,348	1,906	957	1,201	53,272
1973	17,958	16,439	8,795	4,018	1,824	879	1,129	51,042
1974	17,845	16,374	8,616	3,454	1,541	751	910	49,491
1975	16,709	16,178	8,177	3,128	1,240	609	698	46,739
1976	15,831	16,034	8,024	3,025	1,079	504	578	45,075
1977	15,751	15,029	7,944	2,914	990	392	434	43,454
1978	14,792	13,847	7,526	2,613	814	363	384	40,339
1979	15,054	13,781	7,825	2,703	887	342	309	40,901
1980	14,989	13,253	7,162	2,524	779	288	279	39,274
1981	14,662	13,237	7,058	2,600	780	338	246	38,921
1982	14,370	13,204	6,739	2,477	778	307	272	38,147
1983	14,538	12,972	6,706	2,519	806	312	218	38,071
1984	14,466	13,315	6,996	2,514	839	282	211	38,623
1985	14,633	13,139	6,941	2,444	793	288	207	38,445
1986	14,269	12,987	6,998	2,484	861	322	221	38,142
1987	14,487	13,193	7,235	2,692	819	320	227	38,973
1988	14,703	13,319	7,180	2,822	874	333	231	39,462
1989	14,090	12,853	7,166	2,783	899	360	238	38,389
1990	14,575	12,898	7,367	2,796	931	353	252	39,172
Resident Population Concept								
1991	14,098	12,527	7,064	2,802	944	329	242	38,006
1992	13,625	12,366	6,782	2,663	910	367	241	36,954
1993	13,440	12,047	6,574	2,502	842	328	213	35,946
1994	13,141	11,615	6,032	2,428	851	329	230	34,626
1995	12,728	11,447	5,897	2,232	823	341	249	33,717
1996	12,033	11,637	5,716	2,168	750	341	282	32,927
1997	12,328	11,556	5,588	2,094	777	364	275	32,982
1998	12,288	10,876	5,084	1,833	733	286	240	31,340
1999	12,456	11,403	5,109	1,848	695	327	265	32,103
2000	12,792	10,952	4,861	1,774	650	311	251	31,591
2001	12,276	10,989	4,761	1,628	665	316	243	30,878
2002	11,859	10,734	4,531	1,635	636	294	252	29,941
2003	12,640	11,010	4,488	1,594	542	297	286	30,857
2004	13,196	11,245	4,440	1,486	592	305	229	31,493

(1) A pregnancy resulting in either live or stillborn children. Such an event is counted as one confinement irrespective of whether a single or multiple birth results.

(2) Children of current relationship only.

(3) Includes previous births not specified.

Note:

(a) Confinement data from 1991 onwards are based on confinements registered in New Zealand to mothers resident in New Zealand by date of registration. Before 1991, confinement data are based on confinements registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration.

(b) Confinement data for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

Table 2.08

Live Nuptial Confinements⁽¹⁾
By mother's age and previous births (parity)⁽²⁾
 1962–2004
 (A) Parity 0⁽³⁾

December year	Age of Mother (years)							All Ages
	Under 20	20-24	25-29	30-34	35-39	40-44	45 and Over	
De Facto Population Concept								
1962	2,783	9,141	3,132	1,146	498	144	12	16,856
1966	3,899	8,484	3,504	830	379	120	6	17,222
1971	4,151	10,285	4,270	1,046	271	71	7	20,101
1972	4,105	9,886	4,576	1,032	309	73	10	19,991
1973	3,469	8,615	4,596	950	250	73	5	17,958
1974	3,205	8,590	4,771	984	240	54	1	17,845
1975	2,681	7,778	4,883	1,065	243	56	3	16,709
1976	2,237	7,363	4,783	1,114	278	55	1	15,831
1977	1,909	7,076	5,126	1,294	285	58	3	15,751
1978	1,661	6,534	4,935	1,333	282	43	4	14,792
1979	1,519	6,405	5,295	1,457	316	57	5	15,054
1980	1,325	6,439	5,261	1,582	327	50	5	14,989
1981	1,139	6,240	5,394	1,519	312	56	2	14,662
1982	936	5,923	5,524	1,602	336	47	2	14,370
1983	769	5,827	5,641	1,835	411	52	3	14,538
1984	653	5,336	5,999	1,979	440	56	3	14,466
1985	544	5,196	6,202	2,138	510	41	2	14,633
1986	509	4,680	6,160	2,292	567	59	2	14,269
1987	489	4,447	6,416	2,490	565	75	5	14,487
1988	402	4,185	6,579	2,784	664	84	5	14,703
1989	352	3,693	6,407	2,873	654	107	4	14,090
1990	398	3,631	6,487	3,144	805	105	5	14,575
Resident Population Concept								
1991	341	3,273	6,078	3,412	873	116	5	14,098
1992	248	2,917	5,815	3,593	902	141	9	13,625
1993	229	2,656	5,665	3,778	987	119	6	13,440
1994	205	2,410	5,395	3,896	1,076	153	6	13,141
1995	179	2,134	5,133	3,983	1,122	168	9	12,728
1996	186	1,936	4,813	3,798	1,128	162	10	12,033
1997	195	1,832	4,785	4,056	1,246	203	11	12,328
1998	192	1,706	4,629	4,132	1,405	214	10	12,288
1999	170	1,612	4,585	4,364	1,495	220	10	12,456
2000	176	1,607	4,596	4,568	1,590	243	12	12,792
2001	168	1,522	4,287	4,428	1,587	275	9	12,276
2002	156	1,458	3,839	4,527	1,609	261	9	11,859
2003	157	1,472	4,008	4,870	1,793	321	19	12,640
2004	166	1,566	4,086	5,147	1,865	345	21	13,196

Table 2.08
continued

Live Nuptial Confinements⁽¹⁾
By mother's age and previous births (parity)⁽²⁾
 1962–2004
 (B) Parity 1

December year	Age of Mother (years)							All Ages
	Under 20	20-24	25-29	30-34	35-39	40-44	45 and Over	
De Facto Population Concept								
1962	713	6,439	4,799	1,769	647	144	12	14,523
1966	875	6,504	4,815	1,268	493	102	7	14,064
1971	875	7,254	5,659	1,499	309	87	5	15,688
1972	888	7,197	5,978	1,518	289	61	5	15,936
1973	1,079	7,256	6,265	1,492	297	47	3	16,439
1974	1,031	6,823	6,519	1,618	334	45	4	16,374
1975	973	6,624	6,646	1,572	314	47	2	16,178
1976	896	6,449	6,647	1,682	313	45	2	16,034
1977	728	5,722	6,314	1,901	315	47	2	15,029
1978	576	5,012	5,860	2,020	342	35	2	13,847
1979	502	4,757	6,001	2,153	319	46	3	13,781
1980	434	4,417	5,805	2,192	363	39	3	13,253
1981	393	4,262	5,838	2,330	367	45	2	13,237
1982	274	4,039	5,936	2,474	434	46	1	13,204
1983	261	3,705	5,963	2,531	459	50	3	12,972
1984	192	3,641	6,188	2,704	523	66	1	13,315
1985	179	3,331	6,122	2,885	564	56	2	13,139
1986	122	3,104	5,975	3,098	623	63	2	12,987
1987	146	2,806	6,074	3,371	727	65	4	13,193
1988	122	2,512	6,038	3,762	794	90	1	13,319
1989	110	2,278	5,708	3,777	879	98	3	12,853
1990	121	2,023	5,556	4,124	963	109	2	12,898
Resident Population Concept								
1991	89	1,886	5,202	4,157	1,072	119	2	12,527
1992	82	1,780	4,827	4,363	1,187	125	2	12,366
1993	91	1,574	4,538	4,436	1,266	138	4	12,047
1994	49	1,407	4,129	4,472	1,375	175	8	11,615
1995	61	1,231	4,028	4,468	1,486	167	6	11,447
1996	45	1,184	3,974	4,602	1,636	191	5	11,637
1997	41	944	3,749	4,750	1,837	229	6	11,556
1998	40	832	3,307	4,583	1,888	219	7	10,876
1999	36	915	3,282	4,807	2,063	291	9	11,403
2000	46	848	3,145	4,552	2,087	270	4	10,952
2001	37	833	3,013	4,622	2,154	321	9	10,989
2002	36	772	2,658	4,650	2,248	364	6	10,734
2003	35	716	2,649	4,736	2,455	411	8	11,010
2004	30	739	2,501	4,968	2,559	429	19	11,245

Table 2.08
continued

Live Nuptial Confinements⁽¹⁾
By mother's age and previous births (parity)⁽²⁾
 1962–2004
 (C) Parity 2

December year	Age of Mother (years)							All Ages
	Under 20	20-24	25-29	30-34	35-39	40-44	45 and Over	
De Facto Population Concept								
1962	102	2,952	4,700	2,556	885	229	13	11,437
1966	95	2,405	4,376	1,832	704	153	10	9,575
1971	65	2,577	4,471	2,054	441	97	3	9,708
1972	56	2,220	4,168	1,965	420	99	5	8,933
1973	82	2,290	4,145	1,820	390	63	5	8,795
1974	68	2,240	4,125	1,754	369	58	2	8,616
1975	76	2,037	3,974	1,687	337	64	2	8,177
1976	76	1,981	3,883	1,694	348	39	3	8,024
1977	71	1,866	3,772	1,812	367	54	2	7,944
1978	46	1,708	3,512	1,867	352	39	2	7,526
1979	34	1,637	3,600	2,130	382	40	2	7,825
1980	32	1,404	3,247	2,073	360	45	1	7,162
1981	25	1,304	3,212	2,097	374	45	1	7,058
1982	12	1,169	3,001	2,092	418	42	5	6,739
1983	21	1,110	3,055	2,041	436	41	2	6,706
1984	11	1,041	3,104	2,270	513	52	5	6,996
1985	13	1,046	3,066	2,252	513	50	1	6,941
1986	12	911	3,042	2,415	574	40	4	6,998
1987	14	804	3,086	2,629	649	53	0	7,235
1988	14	751	2,956	2,690	693	71	5	7,180
1989	14	655	2,881	2,785	762	67	2	7,166
1990	8	635	2,782	3,015	840	84	3	7,367
Resident Population Concept								
1991	7	573	2,505	2,935	949	92	3	7,064
1992	10	571	2,267	2,862	961	107	4	6,782
1993	15	510	2,074	2,882	981	109	3	6,574
1994	1	451	1,849	2,628	988	111	4	6,032
1995	8	391	1,737	2,579	1,070	108	4	5,897
1996	10	334	1,654	2,393	1,173	144	8	5,716
1997	4	303	1,482	2,388	1,245	162	4	5,588
1998	3	217	1,343	2,171	1,209	139	2	5,084
1999	5	256	1,241	2,142	1,290	166	9	5,109
2000	6	220	1,117	2,090	1,246	182	0	4,861
2001	1	229	1,109	1,970	1,272	174	6	4,761
2002	3	222	1,010	1,873	1,240	170	13	4,531
2003	2	183	982	1,840	1,279	196	6	4,488
2004	1	223	908	1,818	1,267	219	3	4,439

Table 2.08
continued

Live Nuptial Confinements⁽¹⁾
By mother's age and previous births (parity)⁽²⁾
 1962–2004
 (D) Parity 3 or more

December year	Age of Mother (years)							All Ages
	Under 20	20-24	25-29	30-34	35-39	40-44	45 and Over	
De Facto Population Concept								
1962	7	1,480	4,920	5,364	3,363	1,117	90	16,341
1966	5	963	3,603	3,744	2,553	881	71	11,820
1971	1	765	2,978	3,250	1,736	606	43	9,379
1972	0	682	2,622	2,938	1,612	520	38	8,412
1973	7	694	2,532	2,768	1,351	456	42	7,850
1974	2	642	2,204	2,224	1,208	347	29	6,656
1975	1	533	1,986	1,889	936	297	33	5,675
1976	3	486	1,843	1,754	827	249	24	5,186
1977	1	446	1,672	1,586	776	233	16	4,730
1978	3	371	1,362	1,472	729	222	15	4,174
1979	3	352	1,444	1,521	729	174	18	4,241
1980	2	314	1,285	1,439	647	166	17	3,870
1981	2	313	1,325	1,519	636	159	10	3,964
1982	1	248	1,307	1,403	681	177	17	3,834
1983	1	243	1,311	1,484	643	159	14	3,855
1984	2	237	1,315	1,432	706	140	14	3,846
1985	0	206	1,200	1,464	701	148	13	3,732
1986	0	207	1,239	1,534	736	163	9	3,888
1987	0	209	1,193	1,702	776	167	11	4,058
1988	0	184	1,284	1,764	844	169	15	4,260
1989	0	179	1,272	1,822	812	178	17	4,280
1990	0	150	1,167	1,856	966	179	14	4,332
Resident Population Concept								
1991	0	139	1,157	1,823	981	208	9	4,317
1992	0	112	1,016	1,807	1,052	187	7	4,181
1993	0	130	869	1,695	977	202	12	3,885
1994	0	116	855	1,596	1,048	212	11	3,838
1995	0	108	754	1,525	1,031	215	12	3,645
1996	0	108	749	1,398	1,027	247	12	3,541
1997	0	86	707	1,340	1,100	263	14	3,510
1998	1	66	544	1,233	985	251	12	3,092
1999	0	65	607	1,188	1,000	262	13	3,135
2000	0	68	517	1,168	953	265	15	2,986
2001	0	53	434	1,119	952	276	18	2,852
2002	0	46	479	1,020	954	305	13	2,817
2003	0	52	449	940	918	338	22	2,719
2004	0	50	412	961	896	281	12	2,612

(1) A pregnancy resulting in either live or stillborn children. Such an event is counted as one confinement irrespective of whether a single or multiple birth results.

(2) Children of current relationship only.

(3) Includes previous births not specified.

Note:

(a) Confinement data from 1991 onwards are based on confinements registered in New Zealand to mothers resident in New Zealand by date of registration. Before 1991, confinement data are based on confinements registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration.

(b) Confinement data for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

Table 2.09

Selected Fertility Rates
Total and Māori populations
 1962–2004
 (A) *Total population*

December year	Crude Birth Rate ⁽¹⁾	Total Fertility Rate ⁽²⁾	Gross Reproduction Rate ⁽³⁾	Net Reproduction Rate ⁽⁴⁾	Ex-nuptial Birth Rate ⁽⁵⁾
De Facto Population Concept					
1962	26.16	4.19	2.04	1.97	31.16
1966	22.37	3.41	1.66	1.61	36.92
1971	22.51	3.18	1.55	1.51	44.39
1972	21.68	3.00	1.47	1.43	44.26
1973	20.40	2.76	1.35	1.31	41.06
1974	19.51	2.58	1.25	1.22	39.48
1975	18.27	2.37	1.16	1.13	37.71
1976	17.60	2.27	1.09	1.07	36.86
1977	17.24	2.21	1.08	1.05	38.09
1978	16.23	2.07	1.01	0.99	36.97
1979	16.66	2.12	1.04	1.01	38.67
1980	16.08	2.03	0.99	0.97	37.53
1981	16.09	2.01	0.98	0.96	38.81
1982	15.70	1.95	0.94	0.92	37.03
1983	15.67	1.92	0.93	0.91	37.17
1984	15.87	1.93	0.94	0.92	37.32
1985	15.83	1.93	0.94	0.92	37.10
1986	16.12	1.96	0.96	0.94	39.80
1987	16.73	2.03	0.98	0.96	42.44
1988	17.35	2.10	1.02	1.00	45.85
1989	17.44	2.12	1.04	1.01	48.83
1990	17.89	2.18	1.07	1.05	50.95
Resident Population Concept					
1991	17.14	2.09	1.01	1.00	50.17
1992	16.75	2.06	0.99	0.97	49.90
1993	16.45	2.04	0.99	0.97	50.16
1994	15.83	1.98	0.96	0.95	48.53
1995	15.69	1.98	0.96	0.94	50.07
1996	15.34	1.96	0.95	0.93	49.60
1997	15.23	1.96	0.96	0.94	48.97
1998	14.51	1.89	0.92	0.90	47.02
1999	14.87	1.97	0.96	0.95	48.21
2000	14.66	1.98	0.96	0.95	47.50
2001	14.36	1.97	0.97	0.95	46.41
2002	13.70	1.90	0.93	0.92	43.40
2003	14.00	1.95	0.95	0.94	43.85
2004	14.29	2.01	0.98	0.97	44.77

Table 2.09
continued

Selected Fertility Rates
Total and Māori populations
1962–2004
(B) Māori population ⁽⁶⁾⁽⁷⁾

December year	Crude Birth Rate ⁽¹⁾	Total Fertility Rate ⁽²⁾	Gross Reproduction Rate ⁽³⁾	Net Reproduction Rate ⁽⁴⁾	Ex-nuptial Birth Rate ⁽⁵⁾
De Facto Population Concept					
1962	43.41	6.18	2.99	2.75	..
1966	38.25	5.54	2.69	2.54	..
1971	36.49	5.05	2.47	2.34	..
1972	33.32	4.51	2.21	2.10	..
1973	30.45	4.01	1.95	1.85	..
1974	28.16	3.58	1.68	1.60	..
1975	26.72	3.28	1.63	1.57	..
1976	25.59	3.08	1.49	1.44	..
1977	25.74	2.98	1.47	1.41	..
1978	24.50	2.75	1.31	1.27	..
1979	24.28	2.65	1.32	1.27	..
1980	23.16	2.43	1.19	1.15	..
1981	23.61	2.47	1.19	1.15	..
1982	21.97	2.27	1.09	1.06	..
1983	21.90	2.23	1.07	1.04	..
1984	23.27	2.34	1.14	1.10	..
1985	22.07	2.20	1.08	1.05	..
1986	21.94	2.14	1.04	1.01	..
1987	23.05	2.26	1.10	1.07	..
1988	21.94	2.17	1.07	1.04	..
1989	22.22	2.21	1.07	1.05	..
1990	21.77	2.19	1.07	1.04	..
Resident Population Concept					
1991	..	..	..	..	..
1992	..	..	..	..	..
1993	..	..	..	..	..
1994	..	..	..	..	..
1995	..	..	..	..	..
1996	29.88	2.70	1.31	1.27	..
1997	30.16	2.77	1.34	1.30	..
1998	27.59	2.56	1.24	1.20	..
1999	28.45	2.69	1.31	1.28	..
2000	27.61	2.66	1.29	1.26	..
2001	27.03	2.64	1.29	1.27	..
2002	24.88	2.47	1.22	1.20	..
2003	25.68	2.55	1.23	1.21	..
2004	26.12	2.65	1.29	1.27	..

(1) Per 1,000 estimated mean population.

(2) The average number of live births that a woman would have during her life if she experienced the age-specific fertility rates of a given period (usually a year). It excludes the effect of mortality.

(3) The average number of daughters that a woman would have during her life if she experienced the age-specific fertility rates of that year. It excludes the effect of mortality.

(4) The average number of daughters that a woman would have during her life if she experienced the age-specific fertility and mortality rates of that year. A NRR of one means that a woman would exactly replace herself.

(5) Ex-nuptial births per 1,000 estimated mean not-married women aged 15–49 years.

(6) The total fertility rate and reproduction rates for the Māori population are based on the ethnicity of the child for the de facto population and on the ethnicity of the mother for the resident population.

(7) From 1 September 1995, a new ethnicity question was asked on the birth registration form. This new question (based on the concept of self-identification) collects more Māori births than the previous degree-of-blood question. As a result, any change in patterns may reflect definitional changes rather than an actual change in fertility.

Note:

(a) Rates from 1991 onwards are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration and the mean estimated resident population. Before 1991, rates are based on live births registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration and the mean estimated de facto population.

(b) Rates for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

Table 2.10

Total Fertility Rate⁽¹⁾
New Zealand and selected countries
 1992–2004

Country	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Australia	1.89	1.86	1.84 R	1.82 R	1.80	1.78	1.76	1.76	1.76	1.73	1.76	1.75	1.77
Canada	1.71	1.69	1.69	1.67	1.62	1.55	..	..	1.49	1.51	1.50	1.53	
Denmark	1.76	1.75	1.81	1.81	1.75	1.75	1.72	1.74	1.77	1.75	1.72 R	1.76	1.78
England and Wales	1.80	1.76	1.75	1.72	1.74	1.73	1.72 R	1.70	1.65 R	1.63 R	1.65	1.73	..
Finland	1.85	1.81	1.85	1.81	1.76	1.75	1.70	1.74	1.73	1.73	1.72	1.76	..
France	1.73	1.65	1.65	1.71	1.73	1.73	1.76	1.79	1.88	1.88 R	1.87 P	1.88 P	1.90 P
Japan	1.50	1.46	1.50	1.42	1.43	1.39	1.38	1.34	1.36	1.33	1.32	1.29	1.29 P
Netherlands	1.59	1.57	1.57	1.53	1.53	1.56	1.63	1.65	1.72	1.71	1.73	1.75	1.73
NEW ZEALAND ⁽²⁾⁽³⁾	2.06	2.04	1.98	1.98	1.96	1.96	1.89	1.97	1.98	1.97	1.90	1.95	2.01
Norway	1.89	1.86	1.87	1.87	1.89	1.86	1.81	1.85	1.85	1.78	1.75	1.80	1.83
Scotland	1.68	1.61	1.58	1.55	1.56	1.58	1.55	1.51	1.48	1.49	1.48	1.54	..
Sweden	2.09	2.00	1.89	1.74	1.61	1.53	1.51	1.50	1.55	1.56 R	1.64 R	1.71	1.74
Switzerland	1.58	1.51	1.49	1.48	1.50	1.48	1.47	1.48	1.50	1.41	1.39	..	..
United States	2.05	2.02	2.00	1.98	1.98	1.97	2.00	2.01	2.06	2.03	2.01	..	..

(1) The average number of live births that a woman would have during her life if she experienced the age-specific fertility rates of a given period (usually a year). It excludes the effect of mortality.

(2) Rates are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration and the mean estimated resident population.

(3) Rates for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

Note: Sources for international data are located in the references section at the end of this publication.

Table 2.11

Age-specific Fertility Rates⁽¹⁾
New Zealand and selected countries
 Latest available years

Country	Year	Age of Mother (years)							Total Fertility Rate ⁽⁴⁾
		Under 20 ⁽²⁾	20-24	25-29	30-34	35-39	40-44	45 and Over ⁽³⁾	
Australia	2003	16.3	54.5	102.9	112.5	54.3	10.0	0.5	1.8
	2004	16.3	53.4	102.5	114.4	57.4	10.6	0.5	1.8
Canada	2003	14.5	52.7	98.6	93.7	38.7	6.5	0.3	1.5
Denmark	2003 R	6.2	45.6	124.6	120.8	46.6	7.5	0.3	1.8
	2004	5.8	44.1	124.7	125.2	48.2	7.4	0.2	1.8
England and Wales	2002 R	27.0	69.2	91.6	89.8	43.0	8.6	0.5	1.7
	2003 P	26.8	71.2	96.4	96.4	46.4	9.3	0.5	1.7
Finland	2002	11.2	57.2	112.5	102.9	47.9	9.8	0.6	1.7
	2003	10.3	57.0	115.5	106.9	49.4	10.8	0.5	1.8
France ⁽⁵⁾	2003 P	7.8	54.9	128.9	119.1	52.8	6.2	..	1.9
	2004 P	7.9	55.1	128.4	121.0	54.2	6.4	..	1.9
Japan	2001	5.9	40.1	96.2	88.8	32.8	4.0	0.1	1.3
	2002	6.2	40.1	93.8	88.6	32.7	4.2	0.1	1.3
Netherlands	2003 R	5.3	36.8	102.2	134.7	61.0	9.1	0.4	1.7
	2004	4.6	36.4	99.9	133.3	61.3	9.6	0.4	1.7
NEW ZEALAND ⁽⁶⁾	2003	26.3	69.0	109.0	113.8	59.3	12.2	0.6	2.0
	2004	27.6	71.0	109.6	119.7	61.1	12.3	0.6	2.0
Norway	2003	9.1	58.9	123.6	113.2	47.5	7.7	0.3	1.8
	2004	8.2	59.6	123.9	117.1	49.1	7.9	0.3	1.8
Scotland	2002 R	26.8	58.3	83.3	83.6	37.1	6.4	0.3	1.5
	2003 P	26.3	60.1	86.5	86.8	40.0	7.1	0.2	1.5
Sweden	2003	4.3	41.8	103.6	122.4	56.7	12.1	0.6	1.7
	2004	4.3	41.0	103.8	127.2	58.3	13.6	0.6	1.7
Switzerland	2001	3.9	38.4	88.0	99.1	44.2	8.3	0.4	1.4
	2002	3.8	36.5	85.5	98.3	45.8	8.4	0.5	1.4
United States ⁽⁷⁾	2001	45.3	106.2	113.4	91.9	40.6	8.1	0.5	2.0
	2002	43.0	103.6	113.6	91.5	41.4	8.3	0.5	2.0

(1) Per 1,000 mean estimated female population in each age group.

(2) Per 1,000 mean estimated female population aged 15–19 years.

(3) Per 1,000 mean estimated female population aged 45–49 years.

(4) The average number of live births that a woman would have during her life if she experienced the age-specific fertility rates of a given period (usually a year). It excludes the effect of mortality.

(5) Fertility rates for women aged 40–44 years are based on rates for women aged 40 years and over.

(6) Figures are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration and the mean estimated resident population.

(7) Births to women under 15 years of age are excluded.

Note: Sources for international data are located in the references section at the end of this publication.

Table 2.12

Age-specific Fertility Rates⁽¹⁾*Total and Māori populations*

1962–2004

(A) Total population

December year	Age of Mother (years)								Total Fertility Rate ⁽⁴⁾	Median Age of Mother (years)
	Under 15 ⁽²⁾	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over ⁽³⁾		
De Facto Population Concept										
1962	0.2	53.7	265.4	258.7	152.3	74.9	23.4	2.0	4.19	26.2
1963	0.3	57.0	256.0	247.5	146.5	73.2	22.0	1.4	4.05	26.0
1964	0.3	56.9	241.8	229.9	135.1	68.8	21.3	1.5	3.80	25.8
1965	0.3	58.7	230.2	214.8	120.1	61.4	19.5	1.4	3.54	25.5
1966	0.4	64.6	219.9	208.5	112.0	56.5	17.3	1.4	3.41	25.3
1967	0.5	66.7	214.7	209.8	107.0	51.5	16.1	1.6	3.35	25.2
1968	0.4	66.1	217.5	207.8	106.7	49.5	14.6	1.3	3.34	25.1
1969	0.3	64.6	212.5	206.0	106.9	47.8	14.3	1.0	3.28	25.1
1970	0.4	64.0	209.0	200.0	99.9	45.4	12.4	1.0	3.17	24.9
1971	0.3	67.9	210.8	200.1	102.1	41.3	12.2	0.9	3.18	24.9
1972	0.3	69.1	199.0	188.1	92.4	39.7	10.9	0.8	3.00	24.8
1973	0.4	64.0	184.3	176.6	83.9	33.9	9.2	0.7	2.76	24.9
1974	0.4	60.3	175.1	166.0	76.0	30.3	7.5	0.5	2.58	24.9
1975	0.5	54.7	158.4	157.5	69.8	25.1	6.9	0.6	2.37	25.1
1976	0.5	49.8	152.1	151.9	68.9	22.9	6.1	0.5	2.27	25.1
1977	0.4	46.9	145.6	151.6	69.9	22.0	6.1	0.3	2.21	25.3
1978	0.4	43.3	133.8	143.2	67.3	21.3	5.2	0.4	2.07	25.4
1979	0.4	41.1	132.3	152.9	70.2	21.9	4.8	0.4	2.12	25.7
1980	0.3	38.2	127.0	146.6	68.3	21.2	4.3	0.4	2.03	25.7
1981	0.3	38.0	123.1	146.6	69.9	20.2	4.4	0.2	2.01	25.8
1982	0.3	34.3	113.9	144.3	70.6	21.2	4.2	0.4	1.95	26.0
1983	0.3	32.4	110.2	142.5	72.8	20.8	4.1	0.3	1.92	26.2
1984	0.3	30.4	106.0	147.0	77.0	21.9	4.2	0.3	1.93	26.4
1985	0.3	30.4	104.1	145.2	79.1	22.4	3.8	0.3	1.93	26.6
1986	0.2	30.2	105.1	143.7	85.7	24.1	4.0	0.3	1.96	26.8
1987	0.3	31.8	105.6	145.3	91.6	27.1	4.3	0.3	2.03	27.0
1988	0.2	31.8	105.9	148.5	98.3	30.9	5.0	0.3	2.10	27.3
1989	0.3	33.6	103.1	149.9	100.1	32.0	5.2	0.4	2.12	27.4
1990	0.3	35.0	103.0	149.1	106.8	36.7	5.3	0.3	2.18	27.7
Resident Population Concept										
1991	0.2	33.9	95.2	140.9	105.0	37.9	5.9	0.3	2.09	27.9
1992	0.2	32.9	91.0	135.9	107.4	39.2	6.2	0.3	2.06	28.2
1993	0.2	32.2	88.8	133.5	107.6	40.3	6.3	0.3	2.04	28.3
1994	0.3	31.4	83.4	127.4	106.0	41.4	6.9	0.4	1.98	28.5
1995	0.3	33.4	83.0	123.4	106.1	43.5	7.2	0.4	1.98	28.6
1996	0.2	33.0	81.2	119.2	105.3	44.6	8.0	0.4	1.96	28.8
1997	0.4	32.8	79.1	116.1	108.0	47.4	8.8	0.4	1.96	29.1
1998	0.2	29.2	75.3	110.6	107.1	48.1	8.5	0.4	1.89	29.3
1999	0.2	28.9	77.4	114.9	112.3	51.0	9.6	0.4	1.97	29.5
2000	0.2	28.2	77.5	113.5	113.1	52.5	10.1	0.4	1.98	29.7
2001	0.2	27.5	76.1	113.3	111.7	53.8	10.4	0.5	1.97	29.8
2002	0.2	25.6	70.3	106.0	110.6	55.0	11.1	0.5	1.90	30.1
2003	0.2	26.1	69.0	109.0	113.8	59.3	12.2	0.6	1.95	30.2
2004	0.2	27.3	71.0	109.6	119.7	61.1	12.3	0.6	2.01	30.3

Table 2.12
continued

Age-specific Fertility Rates⁽¹⁾
Total and Māori populations
 1962–2004
 (B) Māori population⁽⁵⁾⁽⁶⁾

December year	Age of Mother (years)								Total Fertility Rate ⁽⁴⁾	Median Age of Mother (years)
	Under 15 ⁽²⁾	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over ⁽³⁾		
De Facto Population Concept										
1962	1.2	128.3	357.7	292.1	225.0	149.6	64.7	8.8	6.18	25.3
1963	1.2	129.9	373.4	311.0	215.3	148.7	61.4	7.2	6.28	25.2
1964	1.4	125.1	372.4	286.1	190.6	136.2	63.5	6.7	5.96	24.9
1965	0.9	129.1	353.2	281.9	179.5	131.2	51.8	8.5	5.71	24.9
1966	1.3	140.2	345.1	269.4	170.5	119.5	48.2	7.2	5.54	24.7
1967	1.3	139.5	344.2	277.8	171.6	119.7	44.6	7.1	5.57	24.6
1968	1.5	130.8	354.9	269.7	174.8	105.8	40.0	7.3	5.46	24.4
1969	0.8	127.3	341.2	273.2	170.0	106.2	38.5	5.2	5.35	24.4
1970	1.7	120.1	340.8	259.2	163.5	102.7	35.9	5.3	5.18	24.2
1971	1.4	130.5	333.4	240.8	163.3	93.6	36.7	5.6	5.05	23.9
1972	1.0	135.5	287.8	225.0	131.0	78.5	33.1	3.2	4.51	23.6
1973	1.1	125.0	260.2	194.8	119.6	67.1	23.2	3.3	4.01	23.4
1974	0.9	120.2	233.3	171.8	102.6	58.5	18.6	3.4	3.58	23.1
1975	1.7	119.6	220.4	156.3	85.9	47.1	17.6	3.3	3.28	22.8
1976	1.8	111.3	203.1	151.3	85.3	40.9	18.5	2.4	3.08	22.7
1977	1.0	105.7	213.1	146.2	78.0	35.7	14.6	0.6	2.98	22.6
1978	1.4	100.1	195.3	131.6	68.7	36.7	11.9	1.8	2.75	22.6
1979	1.1	96.1	184.6	130.6	69.4	36.2	10.4	1.2	2.65	22.8
1980	0.8	93.1	177.5	117.4	58.8	30.9	9.1	0.4	2.43	22.5
1981	1.1	95.6	177.9	124.4	64.3	24.8	8.4	0.6	2.47	22.6
1982	1.0	89.3	158.1	118.6	54.3	26.1	8.5	1.1	2.27	22.8
1983	1.2	86.2	155.6	114.1	60.4	22.1	8.1	0.2	2.23	22.9
1984	0.8	87.7	162.8	124.3	61.2	25.4	6.9	0.5	2.34	23.0
1985	0.9	79.1	150.3	118.8	62.2	23.3	5.9	0.7	2.20	23.3
1986	0.5	79.6	150.9	109.0	58.5	24.2	6.6	0.8	2.14	23.5
1987	1.1	85.3	155.9	113.0	65.4	25.2	6.6	0.8	2.26	23.7
1988	0.4	75.3	150.5	113.2	64.8	24.1	6.9	0.2	2.17	24.0
1989	0.4	77.9	144.6	118.9	69.1	25.5	7.3	0.6	2.21	24.2
1990	0.6	76.9	136.7	119.1	72.8	27.8	5.5	0.5	2.19	24.6
Resident Population Concept										
1991	..	..	..	..	..	..	..	..	..	..
1992	..	..	..	..	..	..	..	..	..	..
1993	..	..	..	..	..	..	..	..	..	..
1994	..	..	..	..	..	..	..	..	..	..
1995	..	..	..	..	..	..	..	..	..	..
1996	0.6	79.1	161.9	147.8	94.0	45.8	10.9	1.0	2.70	25.1
1997	1.5	82.5	159.1	149.2	101.3	49.9	11.6	0.7	2.77	25.3
1998	0.8	75.0	144.4	139.0	95.7	46.8	12.0	0.6	2.56	25.6
1999	0.6	72.4	152.0	145.8	104.2	50.1	12.7	0.9	2.69	25.9
2000	0.7	72.3	154.2	137.2	102.3	51.5	12.8	0.2	2.66	25.9
2001	0.6	69.4	151.1	137.2	101.2	51.6	13.1	0.8	2.64	26.0
2002	0.7	62.5	140.0	128.3	97.8	49.1	13.5	0.8	2.47	26.2
2003	0.5	65.8	146.2	131.5	97.2	51.2	15.3	0.9	2.55	26.1
2004	0.7	69.2	151.7	132.8	103.8	54.3	13.8	0.7	2.65	26.0

(1) Per 1,000 mean estimated female population in each age group.

(2) Per 1,000 mean estimated female population aged 10–14 years.

(3) Per 1,000 mean estimated female population aged 45–49 years.

(4) The average number of live births that a woman would have during her life if she experienced the age-specific fertility rates of a given period (usually a year). It excludes the effect of mortality.

(5) Māori fertility rates are based on the ethnicity of the child for the de facto population and on the ethnicity of the mother for the resident population.

(6) From 1 September 1995, a new ethnicity question was asked on the birth registration form. This new question (based on the concept of self-identification), collects more Māori births than the previous degree-of-blood question. As a result, any change in patterns may reflect definitional changes rather than an actual change in fertility.

Note:

(a) Rates from 1991 onwards are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration, and the mean estimated resident population. Before 1991, rates are based on live births registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration and the mean estimated de facto population.

(b) Rates for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

Table 2.13

Age-specific Nuptial and Ex-nuptial Fertility Rates

1962–2004

(A) Nuptial fertility rates⁽¹⁾

December year	Age of Mother (years)						
	16-19	20-24	25-29	30-34	35-39	40-44	45 and Over ⁽²⁾
De Facto Population Concept							
1962	546.8	408.2	285.0	160.4	78.4	25.1	2.1
1966	528.1	319.5	226.6	115.8	58.1	17.9	1.5
1971	464.7	289.1	214.3	103.5	41.3	12.4	0.9
1972	493.6	281.0	203.1	94.4	39.3	10.9	0.9
1973	478.3	269.7	192.9	85.8	33.5	9.3	0.8
1974	468.2	264.0	183.1	77.6	30.5	7.3	0.5
1975	434.3	245.0	174.5	71.6	24.7	6.9	0.6
1976	396.4	240.4	169.9	70.9	22.6	5.9	0.5
1977	357.1	231.8	169.8	72.4	21.7	5.9	0.3
1978	324.2	215.8	161.5	70.1	21.1	5.0	0.4
1979	320.7	213.8	172.4	73.1	21.4	4.6	0.4
1980	306.8	208.4	166.8	71.3	20.7	4.2	0.4
1981	302.3	204.8	168.1	73.4	20.2	4.1	0.2
1982	278.9	197.4	168.9	75.1	21.3	4.1	0.4
1983	279.1	194.6	170.6	78.1	21.0	3.9	0.3
1984	263.9	191.6	179.8	83.2	22.4	4.0	0.4
1985	260.0	196.3	182.0	86.5	23.1	3.7	0.3
1986	257.2	197.5	181.5	94.0	25.0	4.0	0.2
1987	283.6	203.4	185.9	101.8	27.5	4.2	0.3
1988	257.5	205.5	190.3	109.7	31.2	4.7	0.4
1989	255.6	200.2	192.2	111.3	32.4	4.9	0.4
1990	318.1	206.8	193.6	119.6	36.8	5.1	0.3
Resident Population Concept							
1991	290.2	191.2	184.7	118.5	38.4	5.4	0.2
1992	253.3	188.8	181.8	120.9	40.2	5.7	0.3
1993	278.5	185.3	181.4	122.5	41.0	5.8	0.3
1994	240.2	184.1	176.4	121.7	42.8	6.7	0.3
1995	255.7	178.7	173.6	123.3	44.2	6.6	0.3
1996	265.2	182.5	170.6	122.5	45.5	7.3	0.4
1997	262.0	176.0	168.4	129.5	49.1	8.3	0.4
1998	261.5	171.1	162.2	129.0	49.4	7.9	0.3
1999	236.3	186.9	171.2	137.2	52.7	8.9	0.4
2000	252.7	192.4	177.3	139.9	54.2	9.0	0.3
2001	223.9	194.0	182.6	140.6	56.8	9.6	0.4
2002	209.6	188.3	176.8	142.8	59.1	10.1	0.4
2003	205.2	186.7	189.9	149.9	64.5	11.3	0.6
2004	206.2	205.4	194.4	162.0	67.3	11.4	0.6

Table 2.13
continued

Age-specific Nuptial and Ex-nuptial Fertility Rates 1962–2004

(B) Ex-nuptial fertility rates⁽³⁾

December year	Age of Mother (years)							
	Under 15 ⁽⁴⁾	15-19	20-24	25-29	30-34	35-39	40-44	45 and Over ⁽²⁾
De Facto Population Concept								
1962	0.2	17.4	55.7	85.5	73.7	41.5	11.5	1.0
1966	0.4	25.6	64.2	84.8	70.3	39.6	11.7	0.9
1971	0.3	30.9	75.0	101.2	85.9	41.6	10.5	0.7
1972	0.3	33.1	69.3	92.4	72.5	43.6	11.4	0.6
1973	0.4	32.1	60.5	79.8	64.9	38.1	8.6	0.2
1974	0.4	31.8	56.6	72.2	61.4	28.0	8.8	0.4
1975	0.5	30.5	51.7	70.2	54.6	28.7	7.4	0.5
1976	0.5	29.7	51.3	65.3	53.0	25.8	8.0	0.6
1977	0.4	30.5	53.9	69.6	50.5	24.4	7.8	0.1
1978	0.4	29.8	52.5	65.4	46.9	23.1	6.1	0.4
1979	0.4	28.8	56.8	74.4	49.8	26.0	6.4	0.5
1980	0.3	27.5	56.4	69.2	47.8	25.4	5.6	0.5
1981	0.3	28.5	57.5	70.3	48.1	20.5	6.4	0.3
1982	0.3	26.8	53.5	67.7	45.2	20.7	4.9	0.6
1983	0.3	25.9	55.1	64.8	45.7	19.0	5.2	0.2
1984	0.3	25.1	55.3	65.6	47.3	18.7	5.4	0.3
1985	0.3	25.9	54.3	62.3	47.0	18.9	4.4	0.3
1986	0.2	26.3	60.1	66.7	52.7	19.5	3.9	0.4
1987	0.3	27.8	63.7	70.2	54.2	25.1	4.9	0.3
1988	0.2	28.6	68.0	78.0	59.7	29.6	6.1	0.3
1989	0.3	30.7	70.2	84.4	64.9	30.2	6.5	0.4
1990	0.3	31.6	71.7	85.8	69.6	36.5	6.4	0.3
Resident Population Concept								
1991	0.2	31.1	69.2	83.6	68.5	36.2	7.8	0.3
1992	0.2	30.8	67.1	81.1	73.2	35.7	8.3	0.5
1993	0.2	29.9	67.6	81.3	72.7	38.0	8.4	0.5
1994	0.3	29.7	63.5	78.7	71.8	37.0	7.7	0.7
1995	0.3	31.7	65.9	77.7	71.4	41.5	9.2	0.5
1996	0.2	31.4	64.6	76.4	72.6	42.2	10.3	0.6
1997	0.4	31.2	64.3	75.4	69.9	42.8	10.3	0.4
1998	0.2	27.6	61.5	73.2	70.7	44.8	10.5	0.7
1999	0.2	27.5	62.6	77.0	73.5	46.9	11.8	0.5
2000	0.2	26.7	62.9	73.3	73.8	48.7	13.3	0.5
2001	0.2	26.1	62.0	72.8	72.1	47.4	12.4	0.8
2002	0.2	24.4	57.0	67.3	69.0	46.7	13.7	0.6
2003	0.2	24.9	56.6	67.9	70.2	49.5	14.3	0.8
2004	0.2	26.1	57.6	69.5	71.8	50.2	14.2	0.8

(1) Nuptial births per 1,000 mean estimated married female population, in each age group.

(2) Per 1,000 mean estimated female population, married/not-married respectively, aged 45–49 years.

(3) Ex-nuptial births per 1,000 mean estimated not-married female population, in each age group.

(4) Per 1,000 mean estimated female population aged 10–14 years.

Note:

(a) Rates from 1991 onwards are based on live births registered in New Zealand to mothers resident in New Zealand by date of registration and the mean estimated resident population. Before 1991, rates are based on live births registered in New Zealand to mothers resident in New Zealand and mothers visiting from overseas by date of registration and the mean estimated de facto population.

(b) Rates for 1998 are lower than expected because of a small change to the rate at which births were registered during 1998.

Table 2.14

Cumulative Fertility Rates⁽¹⁾
By selected ages
 Cohorts of women born 1905–1984

Year of birth	Exact Age (years)						
	20	25	30	35	40	45	50
1905	0.11205	0.71749	1.43562	1.98544	2.34756	2.49242	2.50409
1910	0.11496	0.65275	1.37635	2.04323	2.49732	2.62528	2.63547
1915	0.11601	0.68781	1.57519	2.35505	2.75779	2.87740	2.88708
1920	0.12791	0.77948	1.86586	2.64598	3.05798	3.17354	3.18060
1925	0.12244	1.00757	2.15138	2.92093	3.30764	3.39303	3.39740
1930	0.15587	1.19878	2.44406	3.20054	3.47630	3.53083	3.53350
1931	0.16853	1.26005	2.55310	3.29309	3.55661	3.60964	3.61229
1932	0.17734	1.28871	2.56170	3.23469	3.46661	3.51294	3.51469
1933	0.18241	1.35504	2.66973	3.30060	3.52882	3.56719	3.56911
1934	0.18924	1.41322	2.71878	3.28855	3.49716	3.53111	3.53295
1935	0.20108	1.48756	2.77284	3.31438	3.50609	3.53839	3.54073
1936	0.21493	1.51232	2.75179	3.28248	3.46445	3.49243	3.49370
1937	0.22113	1.54160	2.69697	3.20748	3.36230	3.38937	3.39110
1938	0.22653	1.57072	2.66638	3.16560	3.30089	3.32253	3.32429
1939	0.22995	1.55438	2.60630	3.09411	3.21650	3.23870	3.23988
1940	0.24055	1.51149	2.53411	2.98505	3.09743	3.11714	3.11850
1941	0.24286	1.47112	2.50820	2.92917	3.03318	3.05128	3.05247
1942	0.24922	1.41554	2.44093	2.82729	2.92673	2.94724	2.94902
1943	0.27274	1.38293	2.35545	2.72315	2.82870	2.84921	2.85079
1944	0.30246	1.44792	2.43421	2.77488	2.88036	2.90052	2.90218
1945	0.29110	1.37740	2.30624	2.63702	2.73583	2.75528	2.75666
1946	0.27938	1.29438	2.13199	2.44694	2.54120	2.56040	2.56190
1947	0.30039	1.34906	2.17353	2.50777	2.60814	2.63171	2.63290
1948	0.31205	1.33263	2.13409	2.46175	2.56821	2.59147	2.59329
1949	0.31632	1.30272	2.08721	2.43493	2.55389	2.58081	2.58281
1950	0.32265	1.28181	2.04581	2.39134	2.51852	2.54873	2.55051
1951	0.32591	1.22919	1.97397	2.33206	2.47110	2.50104	2.50359
1952	0.32877	1.18568	1.92358	2.30812	2.46343	2.49727	2.49899 R
1953	0.33299	1.13644	1.88755	2.29214	2.46728	2.50319	2.50539 R
1954	0.32618	1.07146	1.81864	2.25251	2.43451	2.47096 R	2.47304
1955	0.31258	1.02410	1.74056	2.17274	2.36387	2.40374 R	
1956	0.29604	0.98230	1.71581	2.18658	2.38429	2.42567 R	
1957	0.28005	0.94079	1.65571	2.14312	2.35020	2.39168 R	
1958	0.25523	0.85546	1.55882	2.05765	2.26942	2.31395 R	
1959	0.24685	0.82717	1.55032	2.08077	2.30219 R	2.34965	
1960	0.22295	0.79623	1.54202	2.09079	2.32134 R		
1961	0.21758	0.78894	1.56105	2.10375	2.35144 R		
1962	0.20443	0.73269	1.46768	2.01273	2.26972 R		
1963	0.18453	0.70957	1.41672	1.95934	2.23120 R		
1964	0.17161	0.67624	1.37369	1.92474	2.20618		
1965	0.16539	0.68061	1.37651	1.94837 R			
1966	0.16072	0.67685	1.34864	1.94871 R			
1967	0.15834	0.65973	1.30434	1.89424 R			
1968	0.15978	0.65834	1.28270	1.85797 R			
1969	0.15849	0.63033	1.23119 R	1.81235 R			
1970	0.16595	0.62009	1.18950 R				
1971	0.16604	0.59536	1.16491 R				
1972	0.16717	0.58033	1.13282 R				
1973	0.16284	0.55827	1.10179 R				
1974	0.15721	0.54717 R	1.07842				
1975	0.15681	0.53610 R					
1976	0.15868	0.53992 R					
1977	0.16495	0.55743 R					
1978	0.16653	0.55333 R					
1979	0.16934 R	0.54936					
1980	0.16196 R						
1981	0.15108 R						
1982	0.14442 R						
1983	0.12805 R						
1984	0.12673						

(1) The average number of live births that a woman born in a particular year has had by the time she reaches a particular age.

Note: Cumulative fertility rates are based on live births by date of occurrence.

Table 2.15

**Ages by Which 25, 50 and 75 Percent of Childbearing
Has Been Completed**
By women born 1905–1971

Year of birth	Quartiles			Inter-quartile Range (Q3-Q1)
	25% (Q1)	50% (Q2)	75% (Q3)	
Age (years)				
1905	24.40	28.63	33.89	9.49
1910	25.04	29.61	34.44	9.40
1915	25.18	29.19	33.56	8.38
1920	25.08	28.67	33.03	7.95
1921	24.96	28.52	32.96	8.00
1922	24.81	28.32	32.74	7.92
1923	24.68	28.22	32.62	7.94
1924	24.50	28.07	32.51	8.01
1925	24.33	27.86	32.25	7.92
1926	24.19	27.73	32.00	7.81
1927	24.06	27.57	31.78	7.73
1928	24.01	27.47	31.58	7.57
1929	23.84	27.27	31.27	7.42
1930	23.80	27.13	31.03	7.23
1931	23.70	26.97	30.75	7.06
1932	23.52	26.69	30.39	6.87
1933	23.43	26.45	30.04	6.61
1934	23.22	26.19	29.66	6.44
1935	23.08	25.93	29.40	6.33
1936	22.96	25.75	29.26	6.30
1937	22.79	25.51	29.08	6.30
1938	22.65	25.32	28.96	6.31
1939	22.54	25.24	28.92	6.38
1940	22.40	25.19	28.80	6.40
1941	22.36	25.22	28.71	6.36
1942	22.34	25.24	28.60	6.26
1943	22.22	25.18	28.57	6.35
1944	22.12	25.01	28.30	6.17
1945	22.12	25.00	28.28	6.17
1946	22.10	24.94	28.29	6.19
1947	22.00	24.86	28.42	6.42
1948	21.91	24.84	28.47	6.56
1949	21.92	24.95	28.75	6.82
1950	21.80	24.97	28.91	7.11
1951	21.77	25.13	29.20	7.44
1952	21.86	25.38	29.59	7.73
1953	21.94	25.69	29.93	7.99
1954	22.11	25.99	30.33	8.21
1955	22.23	26.12	30.60	8.37
1956	22.51	26.49	30.89	8.38
1957 R	22.69	26.71	31.16	8.47
1958 R	22.94	27.12	31.53	8.59
1959 R	23.18	27.36	31.68	8.49
1960 R	23.46	27.64	31.79	8.33
1961 R	23.63	27.76	31.92	8.29
1962 R	23.85	27.97	32.25	8.40
1963 R	24.00	28.11	32.49	8.49
1964 R	24.15	28.31	32.71	8.56
1965 R	24.22	28.37	32.78	8.56
1966 R	24.20	28.50	32.86	8.66
1967 R	24.20	28.64	33.07	8.86
1968 R	24.10	28.60	33.08	8.98
1969 R	24.21	28.81	33.22	9.02
1970 R	24.15	28.90	33.35	9.20
1971 R	24.35	29.19	33.57	9.22

Note: The various quartiles for 1956–1971 birth cohorts are based on the projected reproductive experiences at selected ages beyond 33 years.

Table 2.16

Live Births and Fertility Rates
Regional councils
2003

Regional council	Age of Mother (years)							All Ages
	Under 20	20-24	25-29	30-34	35-39	40-44	45 and Over	
Average Births 2002-04⁽¹⁾								
Northland Region	212	426	511	503	275	74	3	2,004
Auckland Region	1,113	3,176	4,914	6,504	3,630	763	32	20,132
Waikato Region	472	1,055	1,415	1,599	719	149	8	5,417
Bay of Plenty Region	352	774	947	998	491	98	4	3,663
Gisborne Region	88	177	176	181	92	22	2	738
Hawke's Bay Region	203	447	531	583	276	59	2	2,100
Taranaki Region	125	268	359	383	162	35	1	1,333
Manawatu-Wanganui Region	273	637	775	768	366	89	4	2,912
Wellington Region	328	875	1,415	2,138	1,221	245	11	6,232
Tasman Region	23	66	140	190	92	20	2	534
Nelson Region	37	91	128	168	93	23	2	542
Marlborough Region	30	77	118	142	73	10	0	451
West Coast Region	25	72	92	106	46	12	1	354
Canterbury Region	329	872	1,500	2,235	1,118	200	9	6,263
Otago Region	103	290	556	712	357	77	1	2,096
Southland Region	93	236	345	352	168	32	1	1,227
New Zealand ⁽²⁾	3,817	9,564	13,936	17,580	9,187	1,911	82	56,076
Fertility Rates⁽³⁾⁽⁴⁾								
Northland Region	45.6	142.1	144.3	106.0	51.0	12.3	0.6	2.51
Auckland Region	24.3	62.2	103.1	118.4	67.2	14.5	0.7	1.95
Waikato Region	32.9	85.5	128.5	117.2	50.9	10.1	0.6	2.13
Bay of Plenty Region	40.9	126.9	137.4	110.6	51.3	9.6	0.4	2.39
Gisborne Region	51.3	156.2	136.2	115.1	54.7	12.0	1.5	2.64
Hawke's Bay Region	38.8	129.7	130.4	116.4	51.6	9.6	0.3	2.38
Taranaki Region	33.4	114.4	125.6	106.7	42.3	8.2	0.3	2.15
Manawatu-Wanganui Region	30.0	80.7	123.0	102.0	45.1	10.0	0.5	1.96
Wellington Region	21.4	51.1	85.3	112.2	65.1	13.2	0.7	1.75
Tasman Region	16.4	77.2	125.8	121.6	53.8	10.4	1.2	2.03
Nelson Region	23.5	76.8	99.1	101.5	53.6	11.9	0.9	1.84
Marlborough Region	24.4	94.7	121.4	111.6	46.1	6.2	0.2	2.02
West Coast Region	28.5	120.4	121.1	101.9	39.3	9.4	0.6	2.11
Canterbury Region	18.2	48.3	95.1	115.1	56.8	9.9	0.5	1.72
Otago Region	11.4	31.8	106.7	108.7	52.5	10.4	0.1	1.61
Southland Region	27.7	111.0	131.2	111.1	47.3	8.0	0.2	2.18
New Zealand ⁽²⁾	26.5	69.7	108.9	114.3	58.5	11.8	0.6	1.95

(1) To minimise annual fluctuations, calculations are based on the annual average number of live births during the three-year period 2002–2004.

(2) Includes births where usual residence of mother was outside regional council boundaries or not specified.

(3) Per 1,000 female estimated resident population in each age group at 30 June 2003. Rates for women under 20 years are calculated using the population aged 15–19 years and rates for women aged 45 and over are calculated using the population aged 45–49 years.

(4) The average number of live births that a woman would have during her life if she experienced the age-specific fertility rates of a given period (usually a year). It excludes the effect of mortality.

Note:

(a) Births and fertility rates are based on births registered in New Zealand to mothers resident in New Zealand by date of registration.

(b) Due to small populations in some regions, rates should be interpreted with caution.

(c) Individual figures may not sum to stated totals due to rounding.