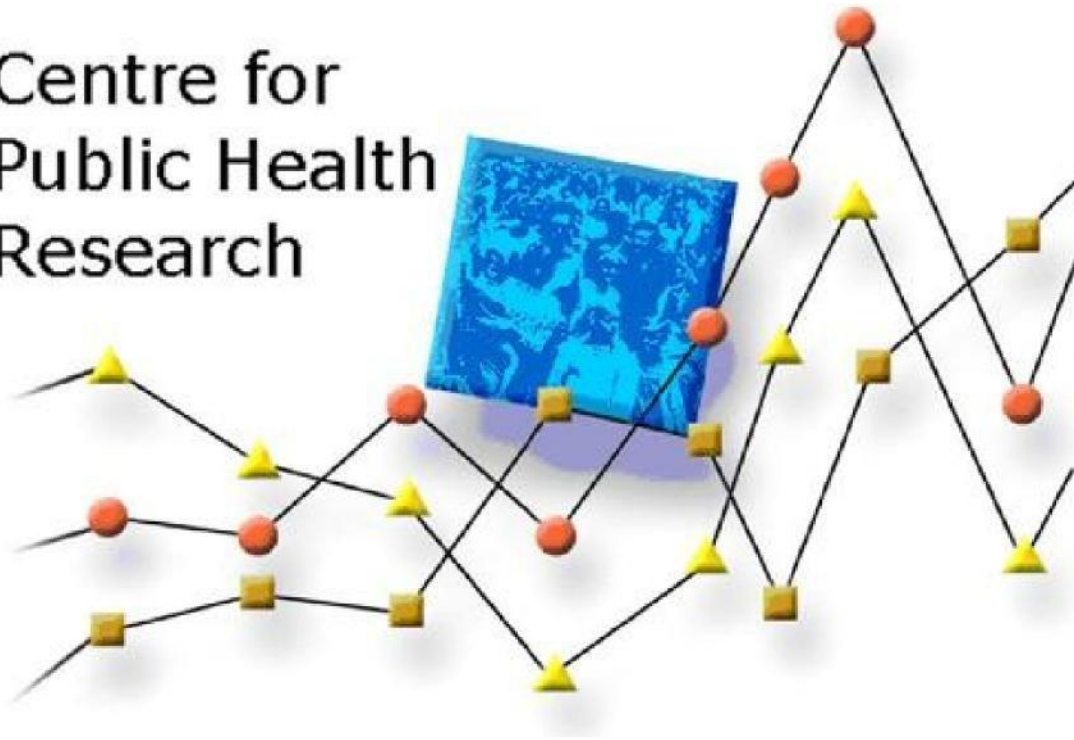


Centre for
Public Health
Research



Health Needs Assessment

Capital and Coast District Health Board

For the Ministry of Health

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MASSEY UNIVERSITY
WELLINGTON

Health Needs Assessment

Capital and Coast District Health Board

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CONTENTS

EXECUTIVE SUMMARY	5
INTRODUCTION.....	7
METHODS AND DATA SOURCES.....	8
1 THE POPULATION.....	13
1.1 Ethnicity	13
1.2 Population Distribution by Age and Gender.....	13
1.3 Population Distribution by Ethnicity	15
2 SOCIAL DETERMINANTS OF HEALTH.....	19
2.1 The New Zealand Index of Deprivation (NZDep06)	19
2.2 Education	20
2.3 Income	21
2.4 Employment.....	21
2.5 Housing Tenure	21
2.6 Communications and Transport	21
3 HEALTH STATUS	22
3.1 Avoidable Mortality	23
3.2 Leading Causes of Avoidable Mortality.....	23
3.3 Avoidable Hospitalisations.....	24
3.4 Leading Causes of Avoidable Hospitalisations	24
3.5 Unintentional Injury Mortality	26
3.6 Unintentional Injury Hospitalisations	26
3.7 Child Health (0-14 years).....	27
3.7.1 Leading causes of hospitalisations for children 0-4 years by ethnicity.....	27
3.7.2 Leading causes of hospitalisations for children 0-4 years by gender	27
3.7.3 Leading causes of hospitalisations for children 5-14 years by ethnicity.....	28
3.7.4 Leading causes of hospitalisations for children 5-14 years by gender	29
3.8 Older People's Health (65+ years)	31
3.8.1 Older people, leading causes of mortality, 65+ years by ethnicity.....	31
3.8.2 Older people, leading causes of mortality, 65+ years by gender	31
3.8.3 Older people, leading causes hospitalisation, 65+ years by ethnicity	32
3.8.4 Older people, leading causes of hospitalisation, 65+ years by gender.....	33
3.9 Other Health Conditions	34
3.9.1 Chronic conditions	34

3.9.2	Cancer	34
3.9.3	Other conditions	34
4	HEALTH SERVICE UTILISATION	35
4.1	Immunisation Coverage at 2 years	36
4.2	Influenza Vaccine Coverage at 65+ years	36
4.3	Breast Cancer Screening	36
4.4	Cervical Cancer Screening	36
	REFERENCES	37
	APPENDICES	38
	Appendix 1: Demographic Tables.....	44
	Appendix 2: Mortality Tables.....	72
	Appendix 3: Hospitalisation Tables.....	81
	Appendix 4: Cancer Registration Tables.....	97
	Appendix 5: ICD-10 Codes.....	101

LIST OF TABLES

Table 1:	Data sources for numerators	8
Table 1.1:	Percentage population, age and gender, 2006 Census, 2026.....	13
Table 1.2:	Population change, age and gender, 2006 Census, 2026	14
Table 1.3:	Māori population change, age and gender, 2006 Census, 2026.....	17
Table 1.4:	Non-Māori population change, age and gender, 2006 Census, 2026.....	17
Table 2.1:	Proportion of DHB households, housing tenure, 2006 Census.....	21
Table 3.1:	Avoidable mortality, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08.....	23
Table 3.2:	Leading causes of avoidable mortality, ethnicity, 0-74 years, 2006-08.....	23
Table 3.3:	Leading causes of avoidable mortality, gender, 0-74 years, 2006-08.....	24
Table 3.4:	Avoidable hospitalisations, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09.....	24
Table 3.5:	Leading causes of avoidable hospitalisations, ethnicity, 0-74 years, 2007- 09.....	25
Table 3.6:	Leading causes of avoidable hospitalisations, gender, 0-74 years, 2007-09	25
Table 3.7:	Unintentional injury mortality, all ages, age-standardised per 100,000 (and 95% confidence intervals), 2006-08.....	26
Table 3.8:	Unintentional injury hospitalisation, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09.....	26
Table 3.9:	Leading causes of hospitalisations, ethnicity, 0-4 years, 2007-09	27
Table 3.10:	Leading causes of hospitalisations, gender, 0-4 years, 2007-09.....	28
Table 3.11:	Leading causes of hospitalisations, ethnicity, 5-14 years, 2007-09	29
Table 3.12:	Leading causes of hospitalisations, gender, 5-14 years, 2007-09.....	30
Table 3.13:	Leading causes of mortality, ethnicity, 65+ years, 2006-08.....	31
Table 3.14:	Leading causes of mortality, gender, 65+ years, 2006-08	32
Table 3.15:	Leading causes of hospitalisations, ethnicity, 65+ years, 2007-09	32
Table 3.16:	Leading causes of hospitalisations, gender, 65+ years, 2007-09	33
Table 4.1:	Full immunisation coverage at two years, percent, ethnicity, 2009-10.....	36
Table 4.2:	Influenza vaccinations in the last 12 months, 65+ years, percent, ethnicity, 2009-10	36
Table 4.3:	Breast screening coverage, 50-64 years, percent, ethnicity, 2009-10.....	36
Table 4.4:	Had cervical smear in the last three years, 20-69 years, percent, ethnicity, 2009-10	36

LIST OF FIGURES

Figure 1:	Population, age and gender, 2006 Census	14
Figure 2:	Projected population, age and gender, 2026.....	15
Figure 3:	Māori population, age and gender, 2006 Census	16
Figure 4:	Non-Māori population, age and gender, 2006 Census	16
Figure 5:	Projected Māori population, age and gender, 2026	17
Figure 6:	Projected non-Māori population, age and gender (2026)	18
Figure 7:	Distribution of Capital and Coast DHB Area Units across NZDep06 Decile Groups, 2006 Census.....	19
Figure 8:	Capital and Coast DHB population, ethnicity and NZDep06 Decile	20
Figure 9:	New Zealand population, ethnicity and NZDep06 Decile	20

EXECUTIVE SUMMARY

The report identifies the unmet health and healthcare needs of the Capital and Coast District Health Board (DHB) population by comparing the health status of Māori and non-Māori. The information contained in the report has been designed to assist the Capital and Coast DHB in determining priorities for its planning and decision-making to achieve health gain in its population.

Demographics and social determinants of health

In the 2006 Census, the Capital and Coast DHB had a population of 277,940, predicted to rise to 334,910 by 2026. The Māori population is proportionately lower than that for New Zealand as a whole, but nonetheless represents up 4.8 percent of the total New Zealand Māori population. The Capital and Coast Māori population is younger than the non-Māori population and is expected to remain dominated by young people over the 20 years from 2006-2026 despite a 187.1 percent increase in Māori aged 65+ over the same period.

The Capital and Coast population is skewed towards the lower end of the deprivation scale, with just under 40 percent of Census Area Units classed as decile 1 or 2 (least deprived). Māori have greater representation in the lower deprivation deciles than nationally but remain more numerous in the higher deprivation deciles when compared to non-Māori.

Health status

Avoidable mortality and hospitalisations

In the Capital and Coast DHB, there was no statistically significant difference between the Māori and non-Māori rates of avoidable mortality. The leading causes of avoidable mortality for Māori were ischaemic heart disease, diabetes and lung cancer, whereas for non-Māori the leading causes were ischaemic heart disease, lung cancer, and suicide and self-inflicted injuries.

The total rate of avoidable hospitalisation for Māori was statistically significantly higher than the non-Māori rate. Respiratory infections, dental conditions, ENT infections, and asthma were the leading causes of avoidable hospitalisation for Māori in the Capital and Coast DHB, as they were for Māori nationally.

There was no statistically significant difference in the rate of unintentional injury mortality for Māori compared to non-Māori.

Child and youth health

The three leading causes of hospitalisations for children 0-4 years were generally similar for Māori and non-Māori in the Capital and Coast DHB. However, dental conditions and ENT infections were the fourth and fifth leading causes for Māori compared to gastro-oesophageal reflux disease, and respiratory and cardiovascular disorders specific to the perinatal period for non-Māori.

Māori and non-Māori children in the Capital and Coast DHB aged 5-14 years had the same leading causes of hospitalisations: dental conditions, respiratory infections, ENT infections, and injuries to the elbow and forearm.

The unintentional injury hospitalisation rates for Māori youths (15-24 years) were statistically significantly higher than that for non-Māori youths.

Older people

In the Capital and Coast DHB, ischaemic heart disease, diabetes and chronic obstructive pulmonary disease (COPD) were the leading causes of mortality for Māori aged 65+ years. In contrast, stroke was the second leading cause of mortality for non-Māori.

COPD, respiratory infections, angina, and congestive heart failure were the leading causes of hospitalisation for Māori in the Capital and Coast DHB area, whereas nationally, diabetes was the fourth major cause. Non-Māori in the DHB were affected by similar heart and respiratory conditions.

Health service utilisation

In the Capital and Coast DHB, the immunisation coverage rates for Māori and non-Māori were similar, and both were considerably higher than the national average. The coverage of influenza vaccinations among Māori aged 65+ years was lower than the non-Māori rate.

Of Māori women in the Capital and Coast DHB aged 50 to 64 years who have a primary care provider, 56.0 percent had a mammogram in the past two years, compared to the coverage rate for non-Māori women of 62.2 percent.

The proportion of Māori and non-Māori women aged 20 to 69 years in the Capital and Coast DHB who had a primary health care provider and had a cervical smear in the past three years was lower for Māori than non-Māori. The non-Māori coverage rate was also higher than the national average.

INTRODUCTION

A health needs assessment (HNA) is an analysis of a population's demand and need for health services. Health needs assessments can help create a picture of the health status of District Health Board (DHB) population at a given time.

The current HNA compares the health status between Māori and non-Māori by providing a descriptive analysis of the data, with the statistical information accessible in an easy-to-use format. The most recent data available are presented for each indicator. The report, along with the full suite of data tables that sit behind the figures and text, will be available on CPHROnline (<http://cphronline.massey.ac.nz/>). This is an interactive website which displays a wide range of downloadable public health data in tabular, graph and map formats. CPHROnline also has the capacity to display time trends by DHBs on major health risk factors, behaviours and conditions.

It is intended that this profile of Māori and non-Māori health will provide the basis for a continuous updating of the data on CPHROnline as new data becomes available from the national health data sets (i.e. mortality, hospitalisations, and cancer registrations).

In this HNA, information is presented about the Capital and Coast DHB on:

1. Demographic characteristics.
2. Socioeconomic characteristics.
3. The health status, such as rates of cancer, and diabetes.
4. Health service utilisation

The findings of the HNA are summarised in the executive summary, together with key points at the beginning of each chapter. It is anticipated that the information in the report will provide robust, high quality evidence for policy development and decision making across the health sector. It will enable decision makers to lead and manage effectively by being able to respond quickly to a population's health needs and emerging issues of their respective DHB.

METHODS AND DATA SOURCES

Data Notes

In the report, information is presented on the most recently available data from a variety of sources (Table 1).

Table 1: Data sources for numerators

Source	Data	Period	Type of data
Ministry of Health	Mortality collection data set- mortality	2006-2008	National collection
	National Minimum Data Set (NMDS)- hospitalisations	2007-2009	National collection
	New Zealand Cancer Registrations (NZCR)- cancer registrations	2005-2007	National collection
Statistics New Zealand	Demographics Population	2006	Census
	projections	2006-2026	Official Estimates
	Socioeconomic indicators	2006	Census
District Health Board New Zealand (DHBNZ)	Vaccinations	2009-2010	Primary care
	Breast Cancer Screening	2009-2010	Primary care
	Cervical Cancer Screening	2009-2010	Primary care

Identifying the Years of Data Collection

In this report '2006-08' denotes three full calendar years of data for mortality, cancer registrations '2005-07', and hospitalisation data are for years '2007-09'.

National Collections

The Ministry of Health has operational responsibility for national collections of health and disability information which include the mortality collections, national minimum data set (NMDS), and the New Zealand Cancer Registry (NZCR). National collections and systems provide valuable health information to support decision-making in policy development, funding and the point of care. Further information about the national systems can be obtained from the website:

<http://www.health.govt.nz/nz-health-statistics/national-collections-and-surveys/collections>

Disease Classification

The International Classification of Disease Australian Modification, 10th revision (ICD-10-AM) has been used to identify diseases/conditions for reporting mortality, hospitalisations and cancer registrations (refer to Appendix 5 for a full list of ICD-10-AM codes).

Ethnicity Classification

Ethnicity data are presented in two ways; 'total response' and 'prioritised'. In 'total response', a respondent is counted in each of the ethnic groups they selected. This means that the sum of the ethnic group population will exceed the total population because people can select more than one ethnic group.

In the 'prioritised' method, each respondent is allocated to a single ethnic group using the priority system (Māori > Pacific peoples > Asian > European/Other). For example a person who selects (when asked their ethnicity) both Māori and European would only be included in the Māori grouping.

Prioritised ethnicity classifies a person as Māori if any one of their recorded ethnicities was Māori. So for Māori, prioritised and total response outputs are the same. All other people were recorded as non-Māori and represent a comparative or reference group.

Denominators

Population information was obtained from Statistics New Zealand. In general the denominators used for calculating the rates were derived from 2006 Census population data. Any other denominators used are indicated in the tables.

Rates

Rates are calculated as the proportion of the population associated with the indicator compared with the total population of interest. Rates are expressed per 100 (percent), per 1000, per 10,000 or per 100,000. Age-specific rates are shown for defined age groups.

In this report, rates have not been calculated for counts less than 5. These have been presented as 0.0 in this report.

Age-standardised Rates (ASRs)

Where appropriate and indicated in the tables, rates have been age-standardised to enable comparison between population groups with different age structures. The standard population used was the 2001 Census Māori population (males and females combined) using five-year age groups up to 84, then 85+. Use of a Māori population standard creates rates that are a close approximation of the crude overall rates for Māori and thus better reflect the experience of the Māori population.

Confidence Intervals

In the report, 95% confidence intervals for the rates are presented, where appropriate. The confidence interval gives an indication of the margin of error associated with the rate estimates. When the 95% confidence intervals of two rates do not overlap, the difference in rates between the groups is said to be statistically significant with 95% confidence.

Larger populations and more common conditions usually have narrower confidence intervals and so have a greater likelihood of achieving a statistically significant difference than results with smaller numbers.

Certain cells within the mortality, hospitalisation, and cancer registration tables (see Appendices 2-4) have been shaded to indicate whether the age-standardised rates (ASR) between two groups are statistically significant. The two comparisons being made are:

Māori ASR compared to non-Māori ASR within District Health Board:

Māori ASR statistically significantly higher than non-Māori ASR

Māori ASR statistically significantly lower than non-Māori ASR

District Health Board ASR compared to New Zealand ASR:

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Ranking of Leading Causes

Ranking the leading causes of mortality and hospitalisations indicates the most frequently occurring causes of death or hospitalisation by using the ASR as the ranking criterion.

How to interpret tables in this report

The blue shades highlights differences between Māori and non-Māori within the District Health Board

The red/pink shades highlights differences between the District Health Board and New Zealand

Explains what the table is about, and that the data is age-standardised

Age-Standardised Rate for the female Māori population in the DHB

The 95 percent confidence interval of the age-standardised rate – and indicator of margin of error

Table 2.1.17: Ischaemic heart disease mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
DHB	Female	863.7	749.8	- 977.7	536.3	521.5	- 551.0	541.1	526.6	- 555.6
	Male	550.1	463.9	- 636.3	718.4	698.2	- 738.6	721.0	701.3	- 740.8
	Total	919.1	824.6	- 1013.7	622.3	610.1	- 634.5	626.8	614.9	- 638.8
New Zealand	Female	893.9	878.3	- 909.5	394.7	392.6	- 396.7	422.3	420.2	- 424.4
	Male	1416.1	1393.1	- 1439.1	728.8	725.4	- 732.2	765.7	762.3	- 769.1
	Total	1123.8	1110.5	- 1137.0	545.4	543.5	- 547.3	577.2	575.2	- 579.1

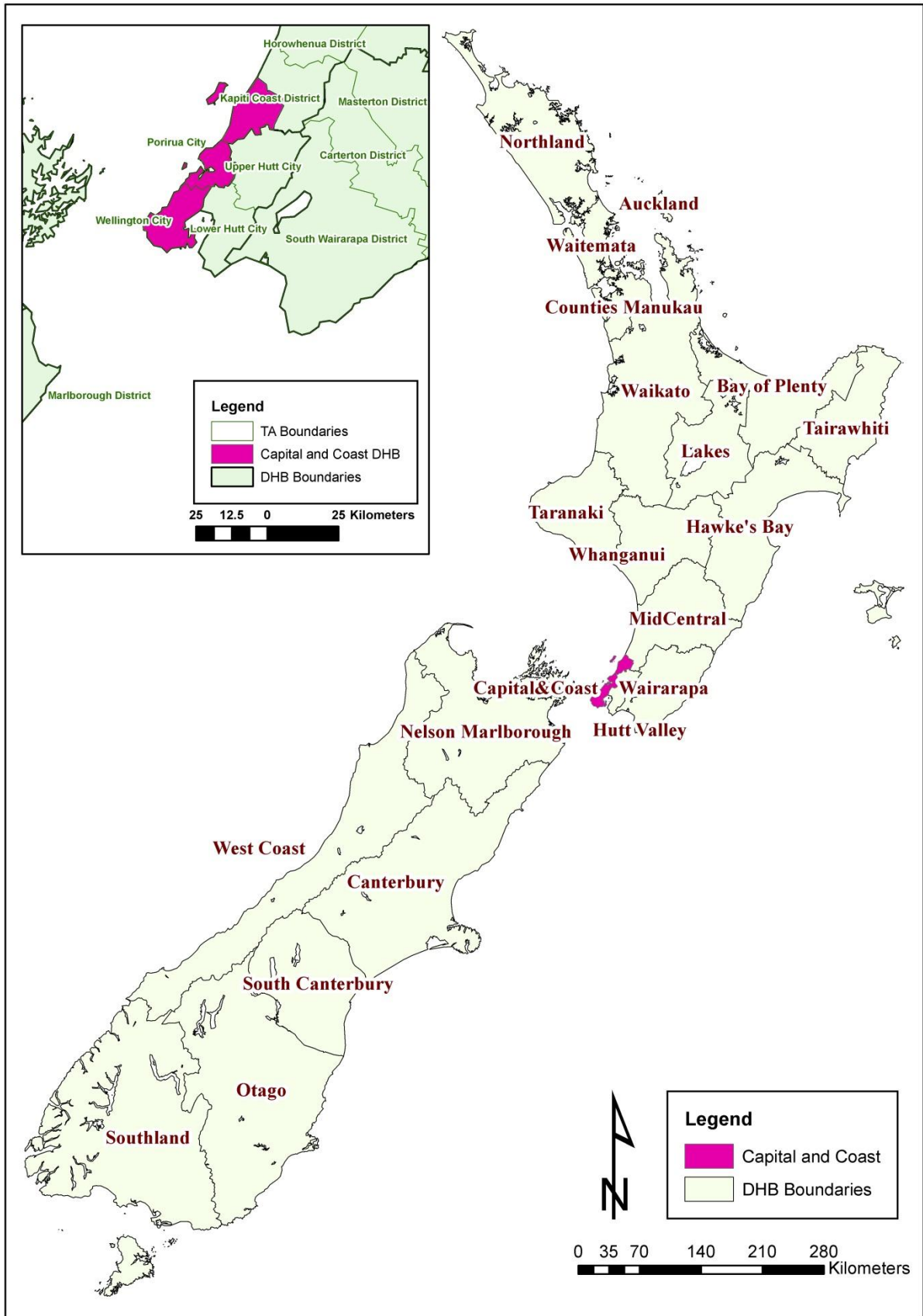
The dark blue shows that the ASR for the total Māori population in the DHB (919.1 per 100,000) is statistically significantly higher than the ASR for the total non-Māori population in the DHB (622.3 per 100,000)

The light blue shows that the ASR for the male Māori population in the DHB (550.1 per 100,000) is statistically significantly lower than the ASR for the male non-Māori population in the DHB (718.4 per 100,000)

The red shows that the ASR for the total population in the DHB (626.8 per 100,000) is statistically significantly higher than the ASR for the total population in NZ (577.2 per 100,000)

The pink shows that the ASR for the total male population in the DHB (721.0 per 100,000) is statistically significantly lower than the ASR for the total male population in NZ (765.7 per 100,000)

Map of New Zealand District Health Boards



1 THE POPULATION

The Capital and Coast DHB had a population of 279400 at the last (2006) census, making up approximately 6.6 percent of the total New Zealand population (4,184,580 at the last census). This population is projected to rise to 334,910 by 2026, an increase of 20.5 percent compared to 19.2 percent for New Zealand.

1.1 Ethnicity

The proportion of people identifying themselves as Māori in the Capital and Coast DHB area is less than that of New Zealand as a whole, (10.6% compared to 14.6%). There remains, however, a substantial Māori community in Capital and Coast (29,710 people at the 2006 Census) which represents 4.8 percent of the New Zealand Māori population (2006 Census).

1.2 Population Distribution by Age and Gender

The majority of the Capital and Coast DHB population (70.3%) are of working age (15-64 years), this makes up a greater proportion than in New Zealand as a whole (66.5%), (Table 1.1). As a result there are proportionately fewer younger people (aged 0-14 years) and elderly (aged 65+ years) in the Capital and Coast DHB when compared to the New Zealand population.

It is projected that by 2026, the proportion in the 65+ age group will have increased (10.5% to 15.8%). There is expected to be a decline in the proportion of both young people (19.2% down to 17.2%) and those of working age (70.3% to 67.0%). This is in line with trends for the rest of New Zealand.

Table 1.1: Percentage population, age and gender, 2006 Census, 2026

Location	Age Group	2006(Base Population)			2026 (Projected Population)		
		Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	20.2	18.3	19.2	18.0	16.4	17.2
	15-64	70.3	70.4	70.3	67.2	66.8	67.0
	65+	9.5	11.3	10.5	14.7	16.8	15.8
New Zealand	0-14	22.2	20.3	21.2	19.4	17.9	18.6
	15-64	66.6	66.5	66.5	62.7	62.2	62.5
	65+	11.2	13.2	12.2	17.9	19.9	18.9

Table 1.2: Population change, age and gender, 2006 Census, 2026

Location	Age Group	2006(Base)			2026			Percentage increase 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	27180	26260	53460	29500	28130	57640	8.5	7.1	7.8
	15-64	94400	101040	195420	110080	114380	224430	16.6	13.2	14.8
	65+	12790	16260	29060	24130	28710	52840	88.7	76.6	81.8
	Total	134370	143560	277940	163710	171220	334910	21.8	19.3	20.5
New Zealand	0-14	454960	433360	888310	477070	451780	928840	4.9	4.3	4.6
	15-64	1364450	1420210	2784650	1545220	1573770	3119010	13.2	10.8	12.0
	65+	228930	282690	511620	440280	503800	944080	92.3	78.2	84.5
	Total	2048340	2136260	4184580	2462570	2529350	4991930	20.2	18.4	19.3

Figure 1: Population, age and gender, 2006 Census

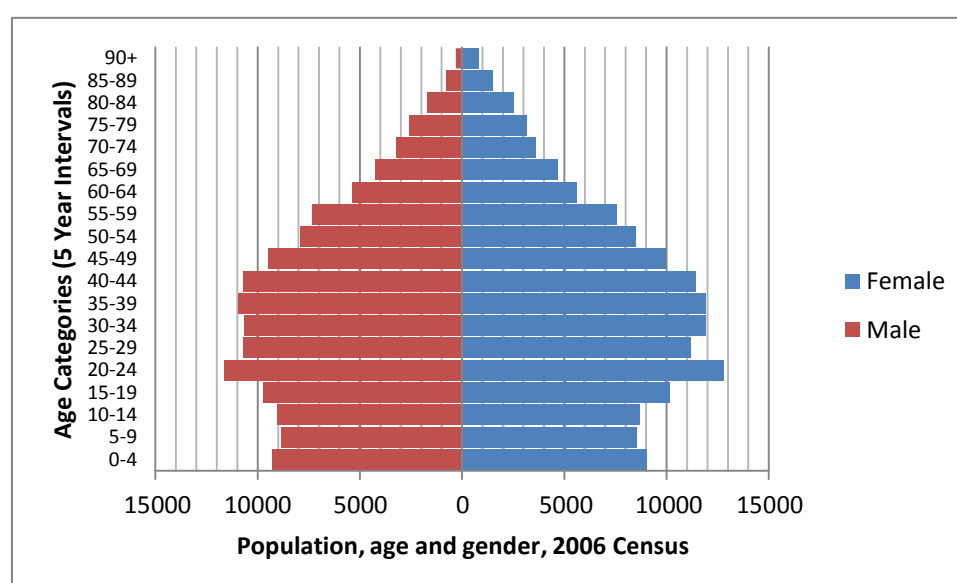
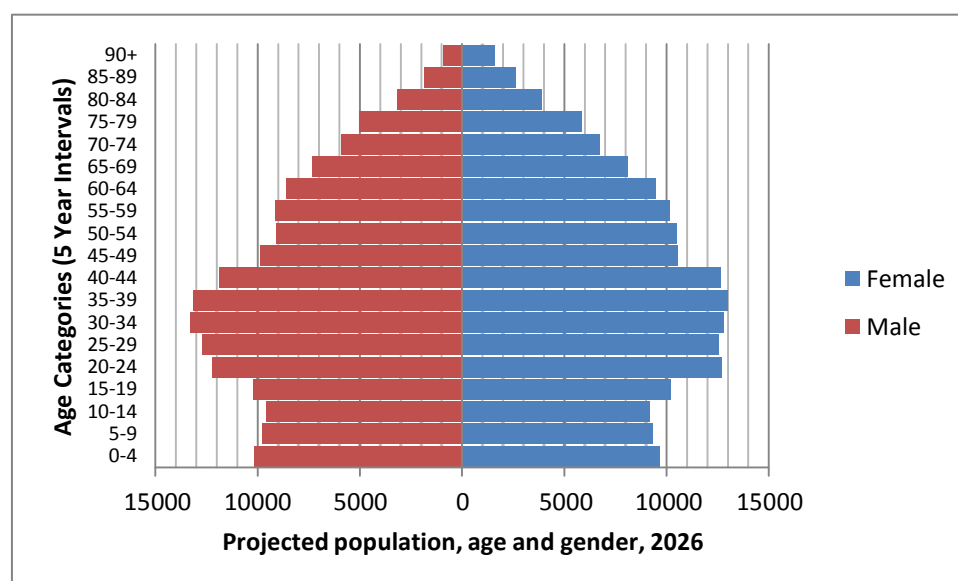


Figure 2: Projected population, age and gender, 2026



1.3 Population Distribution by Ethnicity

The Māori population is younger than both the non-Māori and total Capital and Coast DHB population. Unlike the Capital and Coast non-Māori population, the Māori population is concentrated amongst the young, with peak population occurring between 0-20 years. The non-Māori population peak occurs much later, between 20-44 years.

Over the period 2006-2026, the Māori population is predicted to increase across all age groups and in line with the increase seen in the New Zealand Māori population as a whole. In Capital and Coast, greatest change is expected to be seen in the elderly Māori population, where a 187.1 percent increase is predicted. By comparison the non-Māori population is predicted to increase by a much more modest amount (19.4% compared to 29.4% for the Māori population). The population of young non-Māori (0-14 years) is expected to fall slightly (by 0.3%) and whilst those of working age (15-64 years) increase above the national average (13.6% compared to 9.8%) this is well below the rate of increase for Māori in the same age bracket (25.9%). The increase in the elderly population (65+ years) is around the national average (78.4% compared to 80.1%) but far lower than the increase in elderly Māori.

Figure 3: Māori population, age and gender, 2006 Census

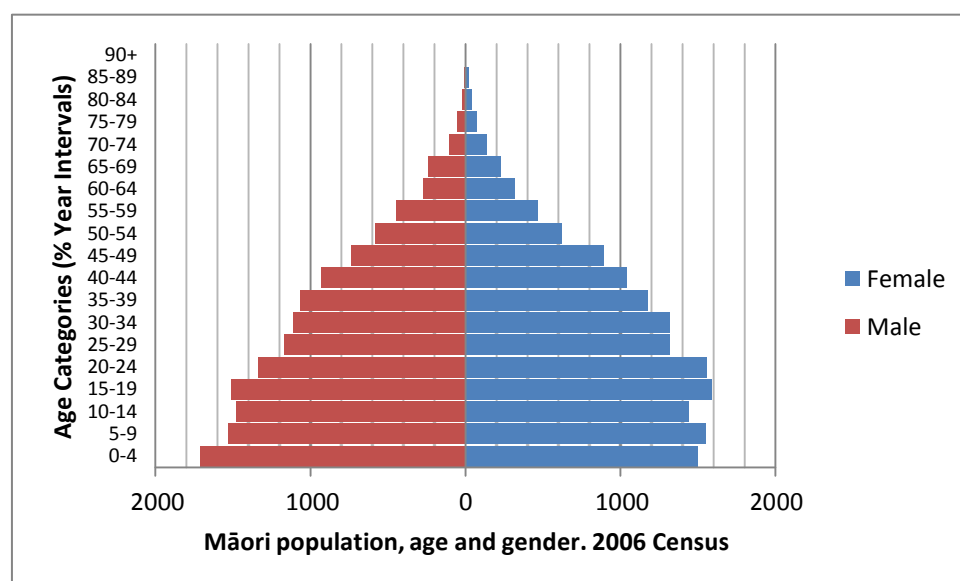
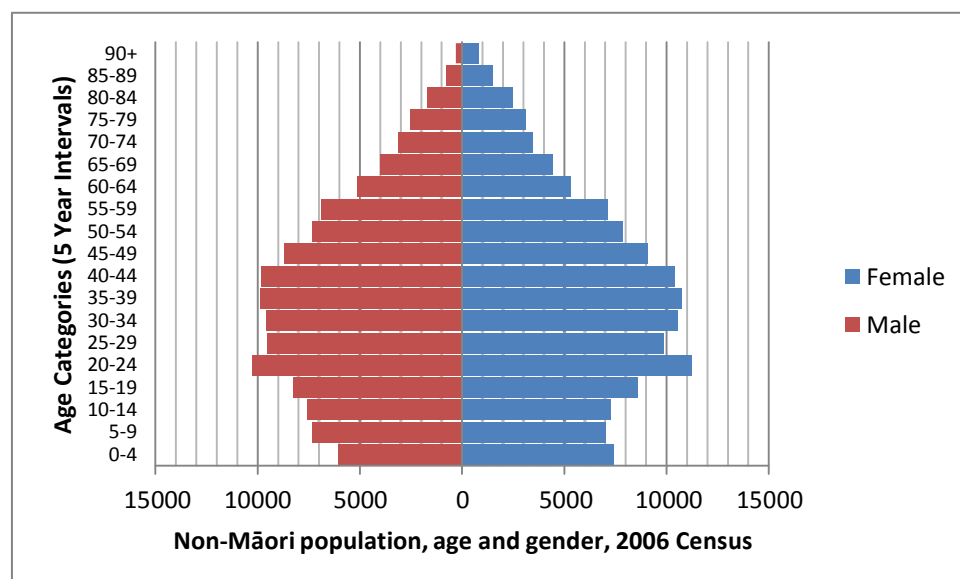


Figure 4: Non-Māori population, age and gender, 2006 Census



Despite the proportional changes described above (Figure 3), the projected Māori population in 2026 is still dominated by young people, with the peak population remaining at 0-15 years. The main change that occurs is the steadier decline in the Māori population as it ages. The non-Māori population remains older in structure than the Māori population with peak age remaining at 20-44 years.

Table 1.3: Māori population change, age and gender, 2006 Census, 2026

Location	Age Group	2006(Base)			2026			Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	4720	4590	9300	5830	5540	11380	23.5	20.7	22.4
	15-64	9170	10310	19480	11960	12560	24520	30.4	21.8	25.9
	65+	430	500	930	1200	1490	2670	179.1	198.0	187.1
	Total	14320	15400	29710	18990	19590	38570	32.6	27.2	29.8
New Zealand	0-14	110480	104810	215310	132290	125860	258150	19.7	20.1	19.9
	15-64	183640	199700	383320	236750	246600	483350	28.9	23.5	26.1
	65+	11680	14010	25710	30830	38330	69150	164.0	173.6	169.0
	Total	305800	318520	624340	399870	410790	810650	30.8	29.0	29.8

Table 1.4: Non-Māori population change, age and gender, 2006 Census, 2026

Location	Age Group	2006(Base)			2026			Percentage increase 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	22460	21670	44160	23670	22590	46260	5.4	4.2	4.8
	15-64	85230	90730	175940	98120	101820	199910	15.1	12.2	13.6
	65+	12360	15760	28130	22930	27220	50170	85.5	72.7	78.4
	Total	120050	128160	248230	144720	151630	296340	20.5	18.3	19.4
New Zealand	0-14	344480	328550	673000	344780	325920	670690	0.1	-0.8	-0.3
	15-64	1180810	1220510	2401330	1308470	1327170	2635660	10.8	8.7	9.8
	65+	217250	268680	485910	409450	465470	874930	88.5	73.2	80.1
	Total	1742540	1817740	3560240	2062700	2118560	4181280	18.4	16.5	17.4

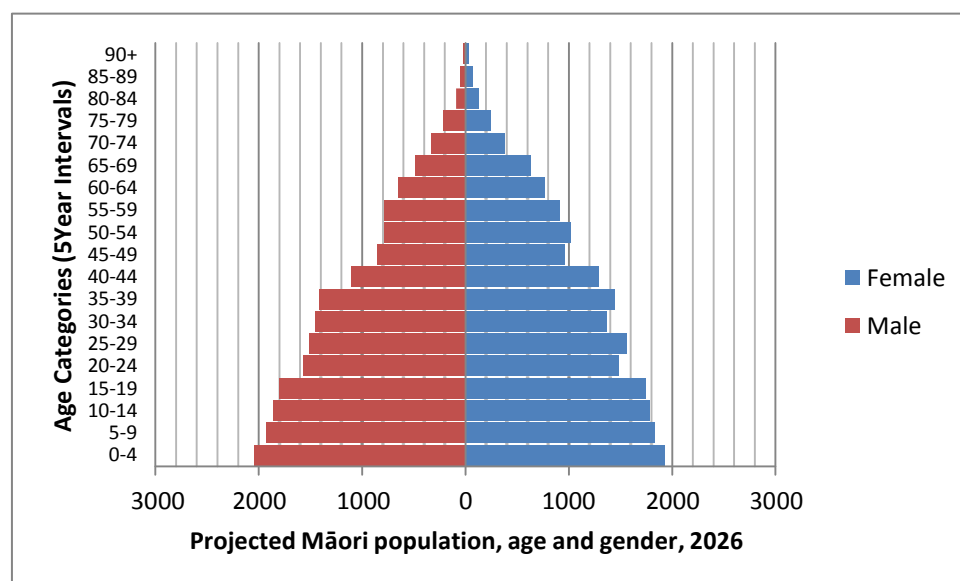
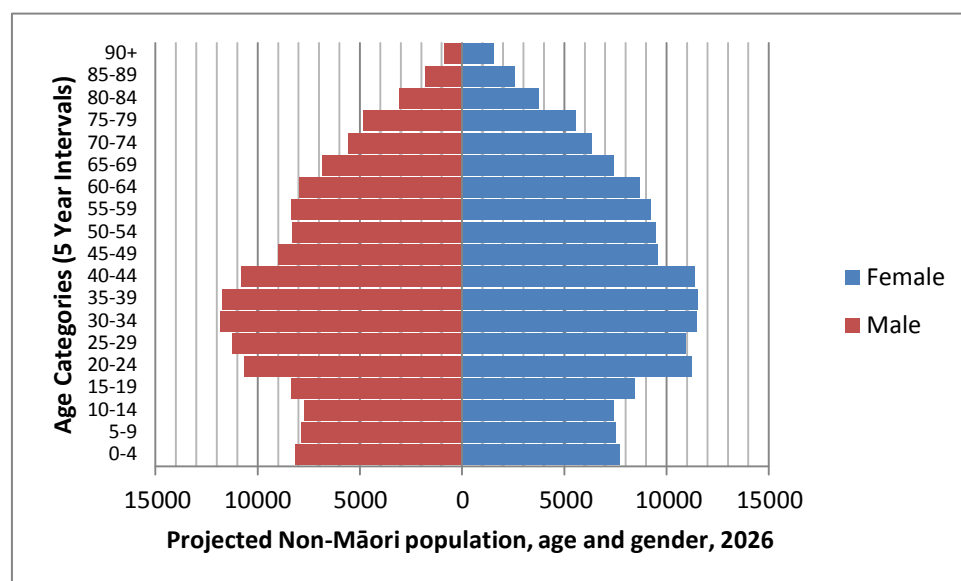
Figure 5: Projected Māori population, age and gender, 2026

Figure 6: Projected non-Māori population, age and gender (2026)



2 SOCIAL DETERMINANTS OF HEALTH

The World Health Organisation defines the social determinants of health as:

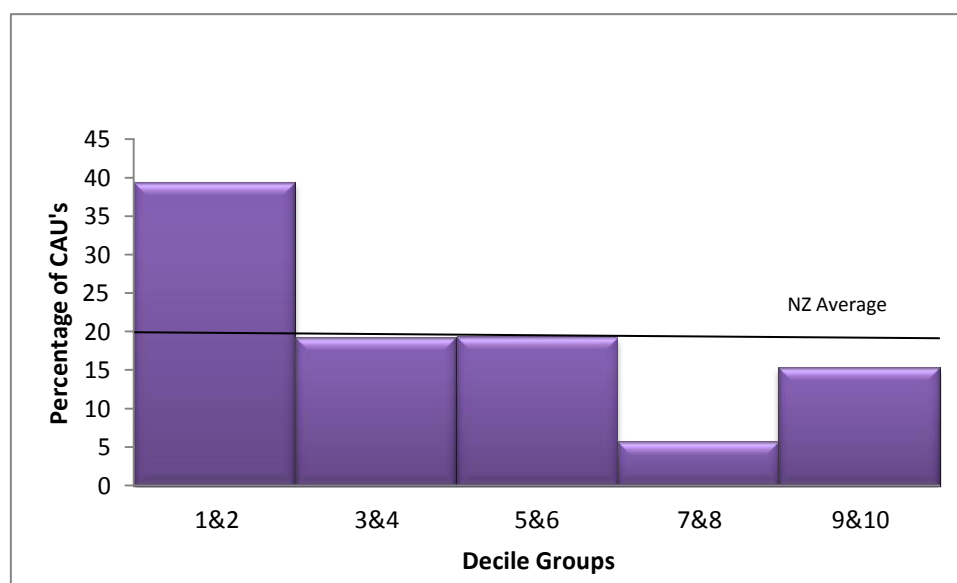
“..The circumstances, in which people are born, grow up, live, work and age, and the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: economics, social policies, and politics”, (World Health Organisation, 2008).

The following section examines social and economic determinants of health through the New Zealand Index of Deprivation and through some of the individual indicators used to determine ‘deprivation’ in New Zealand.

2.1 The New Zealand Index of Deprivation (NZDep06)

The New Zealand Index of Deprivation (NZDep06) provides a numerical rating of socio economic status by small area unit. This is based on nine indicators taken from the 2006 Census and across eight dimensions of deprivation. The numerical scale is divided into population deciles with 1 representing the least deprived and 10 representing the most deprived, (Salmond, Crampton, & Atkinson, 2007).

Figure 7: Distribution of Capital and Coast DHB Area Units across NZDep06 Decile Groups, 2006 Census



In the Capital and Coast DHB the population is dominated by NZDep deciles one and two (least deprived). Distribution is then around the New Zealand average for deciles 3-6 before falling well below average for deciles 7 and 8 and remaining below average for deciles 9 and 10 (most deprived).

When comparing the Māori to the non-Māori population, Māori are over represented in the higher deprivation deciles, particularly decile 10 (most deprived) whilst the opposite is true for non-Māori. There is not, however the steady increase in representation of Māori as deprivation deciles increase that is seen for New Zealand. There are also more Māori in deciles 1-5 than is seen nationally.

Figure 8: Capital and Coast DHB population, ethnicity and NZDep06 Decile

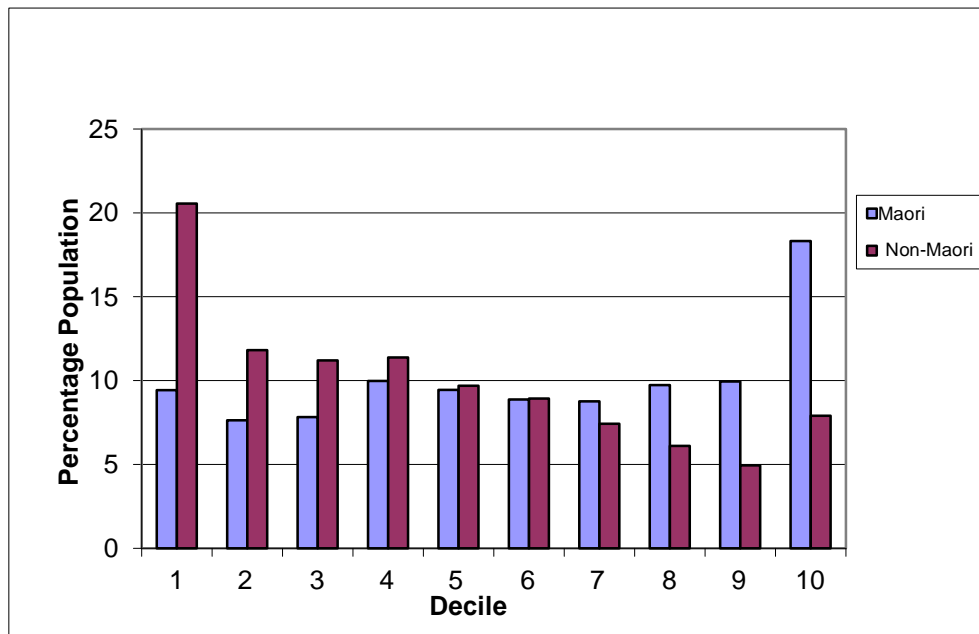
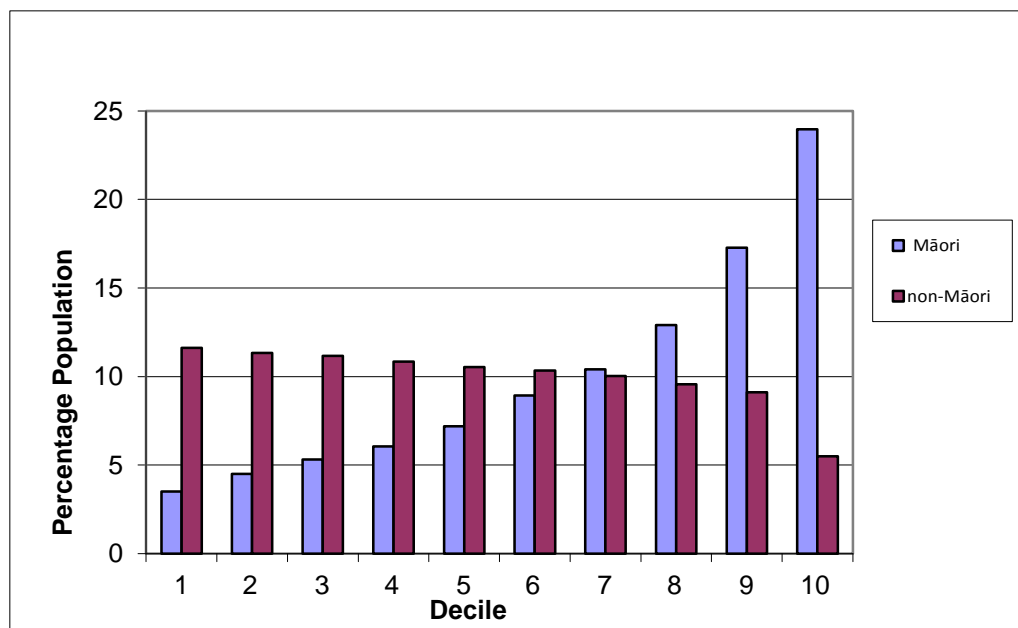


Figure 9: New Zealand population, ethnicity and NZDep06 Decile



2.2 Education

The population of the Capital and Coast DHB has a higher proportion of university graduates (degree level and above) (26.6%) compared to New Zealand as a whole (22.4%). It also has a lower proportion of people with no qualifications (14.1% compared to the New Zealand average of 22.4%).

2.3 Income

The Capital and Coast DHB population has a higher proportion of people earning over \$30,000 in personal income; 46.1 percent compared to 37.3 percent for New Zealand. This represents a higher number of people earning around or above the average annual personal income in New Zealand, which stood at \$33,189 in 2006/07 (Statistics New Zealand, 2012).

2.4 Employment

The employment rate for the Capital and Coast DHB population is very close to the New Zealand rate (95% compared to 94.9%). Rates for full and part time work are also very similar.

In terms of type of employment there is a higher proportion of professionals in Capital and Coast (30.4% compared to 18.9% nationally) and a lower proportion of machine operators and labourers (5.6% and 4.5% respectively compared to 5.8% and 11.0% nationally).

2.5 Housing Tenure

The Capital and Coast population are slightly less likely to own or part own their own home (49.5% compared to 51.2% nationally) and more likely to rent their home (34.5% compared to 31.1% nationally).

Table 2.1: Proportion of DHB households, housing tenure, 2006 Census

Location	Unit	Total, dwelling owned or partly owned by usual resident(s)	Total, dwelling not owned or partly owned by usual resident(s)	Total, dwelling held in a family trust by usual resident(s)	Not elsewhere included	Total
Capital and Coast	Number	49050	34200	10278	5550	99078
	Percentage	49.5	34.5	10.4	5.6	100.0
New Zealand	Number	743955	451965	167925	90333	1454178
	Percentage	51.2	31.1	11.6	6.2	100.0

2.6 Communications and Transport

Access to all types of telecommunications is 2.6 to 3.7 percent higher in Capital and Coast DHB than for New Zealand, with the exception of access to a fax machine which is 4.5 percent lower.

Fewer Capital and Coast DHB households have access to a motor vehicle. 12.2 percent have no access to a motor vehicle compared to 7.8 percent nationally.

3 HEALTH STATUS

An understanding of the general health status of a population is important for ensuring the provision of adequate health services. This information is also important for determining priority issues for the District Health Board. This chapter presents information about health status for people living in the Capital and Coast DHB district, in comparison to all New Zealanders.

Key points

- There was no statistically significant difference between the Māori and non-Māori rates of avoidable mortality. The leading causes of avoidable mortality for Māori were ischaemic heart disease, diabetes and lung cancer, whereas for non-Māori the leading causes were ischaemic heart disease, lung cancer, and suicide and self-inflicted injuries.
- The total rate of avoidable hospitalisation for Māori was statistically significantly higher than the non-Māori rate. Respiratory infections, dental conditions, ENT infections, and asthma were the leading causes of avoidable hospitalisation for Māori in the Capital and Coast DHB, as they were for Māori nationally.
- There was no statistically significant difference in the rate of unintentional injury mortality for Māori compared to non-Māori.
- The three leading causes of hospitalisations for children 0-4 years were generally similar for Māori and non-Māori. However, dental conditions and ENT infections were the fourth and fifth leading causes for Māori compared to gastro-oesophageal reflux disease, and respiratory and cardiovascular disorders specific to the perinatal period for non-Māori.
- Māori and non-Māori children aged 5-14 years had the same leading causes of hospitalisations: dental conditions, respiratory infections, ENT infections, and injuries to the elbow and forearm.
- The unintentional injury hospitalisation rates for Māori youths (15-24 years) were statistically significantly higher than that for non-Māori youths.
- Ischaemic heart disease, diabetes and chronic obstructive pulmonary disease (COPD) were the leading causes of mortality for Māori aged 65+ years. In contrast, stroke was the second leading cause of mortality for non-Māori. COPD, respiratory infections, angina, and congestive heart failure were the leading causes of hospitalisation for Māori in the Capital and Coast DHB area, whereas nationally, diabetes was the fourth major cause.

3.1 Avoidable Mortality

In the Capital and Coast DHB, there was no statistically significant difference between the Māori and non-Māori rates of avoidable mortality (Table 3.1).

Table 3.1: Avoidable mortality, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Capital and Coast	Female	190.5	-16.2	- 397.3	66.5	28.0	- 105.0	75.6	36.8	- 114.4
	Male	206.6	-18.2	- 431.5	106.6	57.6	- 155.6	114.0	66.1	- 161.9
	Total	197.6	46.0	- 349.2	85.9	55.0	- 116.9	94.2	63.5	- 124.9
New Zealand	Female	214.6	168.7	- 260.5	74.2	63.5	- 84.8	88.9	78.2	- 99.6
	Male	308.9	251.4	- 366.5	122.9	109.1	- 136.7	142.4	128.6	- 156.1
	Total	259.8	223.3	- 296.3	98.1	89.4	- 106.8	115.1	106.4	- 123.8

3.2 Leading Causes of Avoidable Mortality

In the Capital and Coast DHB, the leading causes of avoidable mortality for Maori were ischaemic heart disease, diabetes and lung cancer, whereas for non-Māori the leading causes were ischaemic heart disease, lung cancer, and suicide and self-inflicted injuries (Table 3.2). Motor vehicle accidents were the fourth leading cause of avoidable mortality nationally, but not in the DHB.

Table 3.2: Leading causes of avoidable mortality, ethnicity, 0-74 years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Diabetes	2	Lung cancer	2
	Lung cancer	3	Diabetes	3
	COPD	4	Motor vehicle accidents	4
	Breast cancer (female only)	5	Suicide and self-inflicted injuries	5
non-Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Lung cancer	2	Suicide and self-inflicted injuries	2
	Suicide and self-inflicted injuries	3	Lung cancer	3
	Diabetes	4	Motor vehicle accidents	4
	Colorectal cancer	5	Colorectal cancer	5

Note: COPD=chronic obstructive pulmonary disease

The leading causes of female avoidable mortality in the Capital and Coast DHB (i.e., breast cancer, Lung cancer, and ischaemic heart disease) were the same as for New Zealand (Table 3.3). However, the leading causes for males in the DHB (i.e., ischaemic heart disease, complications of perinatal period, and diabetes) were different from the national average (i.e., ischaemic heart disease, suicide and self-inflicted injuries, and motor vehicle accidents).

Table 3.3: Leading causes of avoidable mortality, gender, 0-74 years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Breast cancer (female only)	1	Breast cancer (female only)	1
	Lung cancer	2	Lung cancer	2
	Ischaemic heart disease	3	Ischaemic heart disease	3
	Suicide and self-inflicted injuries	4	Colorectal cancer	4
	Birth defects	5	Diabetes	5
Male	Ischaemic heart disease	1	Ischaemic heart disease	1
	Complications of perinatal period	2	Suicide and self-inflicted injuries	2
	Diabetes	3	Motor vehicle accidents	3
	Suicide and self-inflicted injuries	4	Lung cancer	4
	Lung cancer	5	Diabetes	5
Total	Ischaemic heart disease	1	Ischaemic heart disease	1
	Lung cancer	2	Suicide and self-inflicted injuries	2
	Suicide and self-inflicted injuries	3	Lung cancer	3
	Diabetes	4	Motor vehicle accidents	4
	Complications of perinatal period	5	Diabetes	5

3.3 Avoidable Hospitalisations

In the DHB, the total rate of avoidable hospitalisation for Māori was statistically significantly higher than the non-Māori rate (Table 3.4). In addition, the total male and female rates in the DHB were statistically significantly higher than the national average.

Table 3.4: Avoidable hospitalisations, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Capital and Coast	Female	3813.1	2856.4	- 4769.7	2549.1	2223.6	- 2874.5	2675.1	2370.3	- 2980.0
	Male	3971.2	2965.8	- 4976.6	2909.9	2560.0	- 3259.8	3017.0	2691.0	- 3343.1
	Total	3890.4	3197.9	- 4582.9	2730.3	2491.2	- 2969.4	2847.0	2623.7	- 3070.4
New Zealand	Female	4904.4	4671.6	- 5137.1	3156.7	3061.1	- 3252.3	3408.8	3321.6	- 3496.1
	Male	4974.2	4736.0	- 5212.5	3535.8	3435.8	- 3635.9	3746.4	3655.7	- 3837.2
	Total	4946.3	4779.6	- 5112.9	3347.1	3277.8	- 3416.3	3578.9	3516.0	- 3641.9

3.4 Leading Causes of Avoidable Hospitalisations

Respiratory infections, dental conditions, ENT infections, and asthma were the leading causes of avoidable hospitalisations for Māori in the Capital and Coast DHB, as they were for Māori nationally (Table 3.5). For non-Māori, gastroenteritis was the second leading cause of avoidable hospitalisations.

Table 3.5: Leading causes of avoidable hospitalisations, ethnicity, 0-74 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Respiratory infections	1	Respiratory infections	1
	Dental conditions	2	Dental conditions	2
	ENT infections	3	Asthma	3
	Asthma	4	ENT infections	4
	Angina	5	Angina	5
non-Māori	Respiratory infections	1	Respiratory infections	1
	Gastroenteritis	2	Gastroenteritis	2
	Dental conditions	3	ENT infections	3
	ENT infections	4	Dental conditions	4
	Angina	5	Angina	5

Note: ENT infections= ear, nose and throat infections

There were similar leading causes of avoidable hospitalisation for males and females in both the DHB and nationally (Table 3.6).

Table 3.6: Leading causes of avoidable hospitalisations, gender, 0-74 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Respiratory infections	1	Respiratory infections	1
	Dental conditions	2	Gastroenteritis	2
	Gastroenteritis	3	Dental conditions	3
	Cellulitis	4	ENT infections	4
	ENT infections	5	Cellulitis	5
Male	Respiratory infections	1	Respiratory infections	1
	Dental conditions	2	Gastroenteritis	2
	Gastroenteritis	3	ENT infections	3
	ENT infections	4	Dental conditions	4
	Angina	5	Angina	5
Total	Respiratory infections	1	Respiratory infections	1
	Dental conditions	2	Gastroenteritis	2
	Gastroenteritis	3	Dental conditions	3
	ENT infections	4	ENT infections	4
	Asthma	5	Angina	5

Note: ENT infections= ear, nose and throat infections

3.5 Unintentional Injury Mortality

There was no statistically significant difference in the rate of unintentional injury mortality for Māori compared to non-Māori as well as between the Capital and Coast DHB and the national average (Table 3.7).

Table 3.7: Unintentional injury mortality, all ages, age-standardised per 100,000 (and 95% confidence intervals), 2006-08

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Capital and Coast	Female	*			5.7	-6.2	- 17.7	5.6	-5.2	- 16.3
	Male	19.4	-47.7	- 86.5	16.5	-4.5	- 37.6	16.8	-3.2	- 36.8
	Total	11.4	-24.3	- 47.2	10.9	-1.0	- 22.8	11.0	-0.2	- 22.1
New Zealand	Female	21.2	6.0	- 36.3	7.8	3.8	- 11.8	10.4	6.0	- 14.7
	Male	49.1	25.2	- 73.0	21.6	14.8	- 28.5	26.1	19.1	- 33.0
	Total	34.5	20.7	- 48.4	14.6	10.7	- 18.6	18.1	14.0	- 22.2

Note: *Leading causes are only listed where the number of deaths is greater than or equal to five. An asterisk (*) indicates that leading cause information is not available because of insufficient numbers.

3.6 Unintentional Injury Hospitalisations

Table 3.8 shows that the Capital and Coast DHB has higher rates of unintentional injury hospitalisations than the national average, but there was not a statistically significant difference between the Māori and non-Māori rates.

Table 3.8: Unintentional injury hospitalisation, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Capital and Coast	Female	923.7	444.3	- 1403.1	825.2	643.4	- 1006.9	842.4	673.6	- 1011.3
	Male	1575.3	948.1	- 2202.5	1336.2	1107.5	- 1564.9	1368.7	1155.5	- 1581.9
	Total	1236.9	846.1	- 1627.7	1077.5	931.8	- 1223.2	1101.3	965.8	- 1236.9
New Zealand	Female	1344.0	1220.6	- 1467.5	1133.4	1077.2	- 1189.6	1174.8	1124.1	- 1225.5
	Male	2485.9	2315.3	- 2656.6	2015.8	1942.3	- 2089.3	2095.7	2028.9	- 2162.6
	Total	1900.9	1796.5	- 2005.3	1575.3	1529.0	- 1621.6	1634.3	1592.4	- 1676.3

3.7 Child Health (0-14 years)

3.7.1 Leading causes of hospitalisations for children 0-4 years by ethnicity

The three leading causes of hospitalisations for children 0-4 years were generally similar for Māori and non-Māori in the Capital and Coast DHB (Table 3.9). However, dental conditions and ENT infections were the fourth and fifth leading causes for Māori compared to gastro-oesophageal reflux disease, and respiratory and cardiovascular disorders specific to the perinatal period for non-Māori.

Table 3.9: Leading causes of hospitalisations, ethnicity, 0-4 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Respiratory infections	1	Respiratory infections	1
	*Persons encountering health services in other circumstances	2	Persons encountering health services in other circumstances	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Dental conditions	4	Gastro-oesophageal reflux disease	4
	ENT infections	5	ENT infections	5
non-Māori	Persons encountering health services in other circumstances	1	Persons encountering health services in other circumstances	1
	Respiratory infections	2	Respiratory infections	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Respiratory and cardiovascular disorders specific to the perinatal period	5	ENT infections	5

Note: ENT infections= ear, nose and throat infections

*Persons encountering health services in other circumstances (Z70-Z76). For example, health supervision and care of other healthy infant and child.

3.7.2 Leading causes of hospitalisations for children 0-4 years by gender

Respiratory infections, persons encountering health services in other circumstances, disorders related to length of gestation and fetal growth, and gastro-oesophageal reflux disease were the leading causes of hospitalisations for children 0-4 years of age in the Capital and Coast DHB (Table 3.10).

Table 3.10: Leading causes of hospitalisations, gender, 0-4 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	*Persons encountering health services in other circumstances	1	Persons encountering health services in other circumstances	1
	Respiratory infections	2	Respiratory infections	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Haemorrhagic and haematological disorders of fetus and newborn	5	ENT infections	5
Male	Respiratory infections	1	Respiratory infections	1
	Persons encountering health services in other circumstances	2	Persons encountering health services in other circumstances	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Respiratory and cardiovascular disorders specific to the perinatal period	5	ENT infections	5
Total	Respiratory infections	1	Respiratory infections	1
	Persons encountering health services in other circumstances	2	Persons encountering health services in other circumstances	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Respiratory and cardiovascular disorders specific to the perinatal period	5	ENT infections	5

Note: ENT infections= ear, nose and throat infections

*Persons encountering health services in other circumstances (Z70-Z76). For example, health supervision and care of other healthy infant and child.

3.7.3 Leading causes of hospitalisations for children 5-14 years by ethnicity

Māori and non-Māori children in the Capital and Coast DHB aged 5-14 years had the same leading causes of hospitalisations: dental conditions, respiratory infections, ENT infections, and injuries to the elbow and forearm (Table 3.11). These patterns were similar to the national experience.

Table 3.11: Leading causes of hospitalisations, ethnicity, 5-14 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Dental conditions	1	Dental conditions	1
	Respiratory infections	2	Respiratory infections	2
	ENT infections	3	ENT infections	3
	Injuries to the elbow and forearm	4	Injuries to the elbow and forearm	4
	*Persons encountering health services for specific procedures and health care	5	Persons encountering health services for specific procedures and health care	5
non-Māori	Dental conditions	1	Respiratory infections	1
	Respiratory infections	2	Dental conditions	2
	Injuries to the elbow and forearm	3	Injuries to the elbow and forearm	3
	ENT infections	4	ENT infections	4
	Persons encountering health services for specific procedures and health care	5	Persons encountering health services for specific procedures and health care	5

Note: ENT infections= ear, nose and throat infections

* Persons encountering health services for specific procedures and health care (Z40-Z54) - are intended for use to indicate a reason for care. They may be used for patients who have already been treated for a disease or injury, but who are receiving follow-up or prophylactic care, convalescent care, or care to consolidate the treatment, to deal with residual states, to ensure that the condition has not recurred, or to prevent recurrence.

3.7.4 Leading causes of hospitalisations for children 5-14 years by gender

The major causes of hospitalisations for children aged 5-14 years in both the Capital and Coast DHB and nationally were similar for boys and girls: dental conditions, respiratory conditions, ENT infections, and injuries to the elbow and forearm (Table 3.12).

Table 3.12: Leading causes of hospitalisations, gender, 5-14 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Dental conditions	1	Dental conditions	1
	Respiratory infections	2	Respiratory infections	2
	ENT infections	3	ENT infections	3
	Injuries to the elbow and forearm	4	Injuries to the elbow and forearm	4
	Cellulitis	5	Persons encountering health services for specific procedures and health care	5
Male	Dental conditions	1	Dental conditions	1
	Respiratory infections	2	Respiratory infections	2
	Injuries to the elbow and forearm	3	Injuries to the elbow and forearm	3
	ENT infections	4	ENT infections	4
	*Persons encountering health services for specific procedures and health care	5	Injuries to the head	5
Total	Dental conditions	1	Dental conditions	1
	Respiratory infections	2	Respiratory infections	2
	Injuries to the elbow and forearm	3	Injuries to the elbow and forearm	3
	ENT infections	4	ENT infections	4
	Persons encountering health services for specific procedures and health care	5	Persons encountering health services for specific procedures and health care	5

Note: ENT infections= ear, nose and throat infections

* Persons encountering health services for specific procedures and health care (Z40-Z54) - are intended for use to indicate a reason for care. They may be used for patients who have already been treated for a disease or injury, but who are receiving follow-up or prophylactic care, convalescent care, or care to consolidate the treatment, to deal with residual states, to ensure that the condition has not recurred, or to prevent recurrence.

3.8 Older People's Health (65+ years)

3.8.1 Older people, leading causes of mortality, 65+ years by ethnicity

In the Capital and Coast DHB, ischaemic heart disease, diabetes and chronic obstructive pulmonary disease (COPD) were the leading causes of mortality for Māori. In contrast, stroke was the second leading cause of mortality for non-Māori (Table 3.13).

Table 3.13: Leading causes of mortality, ethnicity, 65+ years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Diabetes	2	Lung cancer	2
	COPD	3	COPD	3
	*	4	Diabetes	4
	*	5	Stroke	5
non-Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Stroke	2	Stroke	2
	COPD	3	COPD	3
	Lung cancer	4	Lung cancer	4
	Colorectal cancer	5	Colorectal cancer	5

Note: COPD=chronic obstructive pulmonary disease

Leading causes are only listed where the number of deaths is greater than or equal to five. An asterisk () indicates that leading cause information is not available because of insufficient numbers.

3.8.2 Older people, leading causes of mortality, 65+ years by gender

Ischaemic heart disease, lung and colorectal cancers, stroke, and chronic obstructive respiratory disease (COPD) were the leading causes of mortality in the Capital and Coast DHB as well as nationally (Table 3.14).

Table 3.14: Leading causes of mortality, gender, 65+ years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Ischaemic heart disease	1	Ischaemic heart disease	1
	Stroke	2	Stroke	2
	COPD	3	COPD	3
	Colorectal cancer	4	Lung cancer	4
	Lung cancer	5	Colorectal cancer	5
Male	Ischaemic heart disease	1	Ischaemic heart disease	1
	COPD	2	Lung cancer	2
	Stroke	3	COPD	3
	Lung cancer	4	Stroke	4
	Colorectal cancer	5	Colorectal cancer	5
Total	Ischaemic heart disease	1	Ischaemic heart disease	1
	Stroke	2	Stroke	2
	COPD	3	COPD	3
	Lung cancer	4	Lung cancer	4
	Colorectal cancer	5	Colorectal cancer	5

Note: COPD=chronic obstructive pulmonary disease

3.8.3 Older people, leading causes hospitalisation, 65+ years by ethnicity

COPD, respiratory infections, angina, and congestive heart failure were the leading causes of hospitalisation for Māori in the Capital and Coast DHB area, whereas nationally, diabetes was the fourth major cause (Table 3.15). Non-Māori in the DHB were affected by similar heart and respiratory conditions.

Table 3.15: Leading causes of hospitalisations, ethnicity, 65+ years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	COPD	1	Persons encountering health services for specific procedures and health care	1
	Respiratory infections	2	COPD	2
	Angina	3	Respiratory infections	3
	Congestive heart failure	4	Diabetes	4
	*Persons encountering health services for specific procedures and health care	5	Angina	5
non-Māori	Angina	1	Persons encountering health services for specific procedures and health care	1
	Respiratory infections	2	Angina	2
	Other forms of heart disease	3	Respiratory infections	3
	COPD	4	Ischaemic heart disease	4
	Ischaemic heart disease	5	Other forms of heart disease	5

Note: COPD=chronic obstructive pulmonary disease

* Persons encountering health services for specific procedures and health care (Z40-Z54) - are intended for use to indicate a reason for care. They may be used for patients who have already been treated for a disease or injury, but who are receiving follow-up or prophylactic care, convalescent care, or care to consolidate the treatment, to deal with residual states, to ensure that the condition has not recurred, or to prevent recurrence.

3.8.4 Older people, leading causes of hospitalisation, 65+ years by gender

Table 3.16 shows that the pattern of leading causes of hospitalisations for males and females in the Capital and Coast DHB is generally similar to the national pattern.

Table 3.16: Leading causes of hospitalisations, gender, 65+ years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Angina	1	Persons encountering health services for specific procedures and health care	1
	Respiratory infections	2	Angina	2
	COPD	3	Respiratory infections	3
	*Persons encountering health services for specific procedures and health care	4	COPD	4
	Other forms of heart disease	5	Other forms of heart disease	5
Male	Respiratory infections	1	Persons encountering health services for specific procedures and health care	1
	Angina	2	Angina	2
	Ischaemic heart disease	3	Respiratory infections	3
	Other forms of heart disease	4	Ischaemic heart disease	4
	COPD	5	Other forms of heart disease	5
Total	Angina	1	Persons encountering health services for specific procedures and health care	1
	Respiratory infections	2	Angina	2
	COPD	3	Respiratory infections	3
	Other forms of heart disease	4	Ischaemic heart disease	4
	Ischaemic heart disease	5	Other forms of heart disease	5

Note: COPD=chronic obstructive pulmonary disease

* Persons encountering health services for specific procedures and health care (Z40-Z54) - are intended for use to indicate a reason for care. They may be used for patients who have already been treated for a disease or injury, but who are receiving follow-up or prophylactic care, convalescent care, or care to consolidate the treatment, to deal with residual states, to ensure that the condition has not recurred, or to prevent recurrence.

3.9 Other Health Conditions

Further data on other conditions in Capital and Coast DHB are available in the appendices 2-4. Key points are listed here.

3.9.1 Chronic conditions

The cardiovascular admission rates including ischaemic heart disease were statistically significantly lower for the Capital and Coast DHB than that observed nationally (Appendix 3: Table 3.1.2 and Table 3.1.3).

The hospitalisation rate for COPD was significantly higher for Māori than non-Māori (Appendix 3: Table 3.1.27). The Capital and Coast DHB had a statistically significantly higher rate of COPD hospital admissions compared to the national rate.

3.9.2 Cancer

In the Capital and Coast DHB, the hospital admission rates for all cancer (Appendix 3: Table 3.1.5) including cancer specific rates for lung cancer, prostate cancer, colorectal cancer, and melanoma were statistically significantly lower than the national rate (Appendix 3: Table 3.1.6; Table 3.1.8; Table 3.1.10; Table 3.1.11). The rate of melanoma hospitalisations was also statistically significantly lower for Māori than non-Māori.

3.9.3 Other conditions

The unintentional injury and suicide mortality rates for youths in the Capital and Coast DHB were statistically significantly lower compared to the national rate (Appendix 2: Table 2.1.15 and Table 2.1.16). The unintentional injury hospitalisation rates for Māori youths (15-24 years) were statistically significantly higher than that for non-Māori youths (Appendix 3: Table 3.1.14). However, youths in the Capital and Coast DHB had a statistically significantly lower rate than the national youth rate.

The hospital admission rate for diabetes was statistically significantly lower in the Capital and Coast DHB than that observed nationally (Appendix 3: Table 3.1.24).

Children under 15 years in the Capital and Coast had a statistically significantly lower rate of hospitalisations for asthma, poisoning, and falls than the New Zealand rate (Appendix 3: Table 3.1.28; Table 3.1.29; Table 3.1.31).

4 HEALTH SERVICE UTILISATION

New Zealanders have access to a variety of health care workers and services in the health and disability sector. This chapter presents information on the use of these services within the Capital and Coast DHB compared to the national experience.

Information about service utilisation is an important part of understanding the need and demand for health and disability services. This information, when considered in relation to information in other chapters of this HNA, provides evidence for decision making on DHB priorities for health and disability services.

Recent data was only available for a small number of measures, these being immunisation and screening.

Key points

- In the Capital and Coast DHB, the immunisation coverage rate for Māori (84.6%) was similar to the rate for non-Māori (86.6%), both considerably higher than the comparable national rates.
- The coverage of influenza vaccinations among Māori aged 65+ years (56.8%) was slightly higher than the national rate (54.4%), but lower than the non-Maori rate (60.5%).
- Of Maori women in the Capital and Coast DHB aged 50 to 64 years who have a primary care provider, 56.0 percent had a mammogram in the past two years, higher than the national average of 51.5 percent. In contrast, the coverage rate for non-Māori women (62.2%) was lower than the overall New Zealand average (65.0%).
- The proportion of Māori and non-Māori women aged 20 to 69 years in the Capital and Coast DHB who had a primary health care provider and had a cervical smear in the past three years was lower for Maori (54.0%) than non-Maori (78.5%). The non-Maori coverage rate was also higher than the national average.

4.1 Immunisation Coverage at 2 years

Fully immunised at age two years means that a child has received the vaccinations scheduled for ages 6 weeks, 3 months, 5 months and 15 months.

In the Capital and Coast DHB, the coverage rate for Māori (84.6%) was similar to the rate for non-Māori (86.6%), both considerably higher than the comparable national rates (Table 4.1).

Table 4.1: Full immunisation coverage at two years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
Capital and Coast DHB	84.6%	86.6%	86.3%
New Zealand	72.0%	79.4%	77.7%

4.2 Influenza Vaccine Coverage at 65+ years

The coverage of influenza vaccinations among Māori aged 65+ years (56.8%) was slightly higher than the national rate (54.4%), but lower than the non-Māori rate (60.5%), (Table 4.2).

Table 4.2: Influenza vaccinations in the last 12 months, 65+ years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
Capital and Coast DHB	56.8%	60.5%	62.3%
New Zealand	54.4%	60.9%	60.5%

4.3 Breast Cancer Screening

Of Maori women in the Capital and Coast DHB aged 50 to 64 years who have a primary care provider, 56.0 percent had a mammogram in the past two years, higher than the national average of 51.5 percent (Table 4.3). In contrast, the coverage rate for non-Māori women (62.2%) was lower than the overall New Zealand average (65.0%).

Table 4.3: Breast screening coverage, 50-64 years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
Capital and Coast DHB	56.0%	62.2%	61.2%
New Zealand	51.5%	65.0%	63.7%

4.4 Cervical Cancer Screening

The proportion of Māori and non-Māori women aged 20 to 69 years in the Capital and Coast DHB who had a primary health care provider and had a cervical smear in the past three years was lower for Maori (54.0%) than non-Māori (78.5%). The non-Māori coverage rate was also higher than the national average (Table 4.4).

Table 4.4: Had cervical smear in the last three years, 20-69 years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
Capital and Coast DHB	54.0%	78.5%	87.5%
New Zealand	54.4%	75.5%	72.6%

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APPENDICES

List of Tables in Appendices

Appendix 1	Demographic Tables	44
Table 1.1.1	Projected Total Population by Age and Sex at 30 June 2007 (2006-Base)	45
Table 1.1.2	Projected Total Population Aged 0 Years by Sex at 30 June 2007-26 (2006-Base)	45
Table 1.1.3	Projected Total Population Aged 1-4 Years by Sex at 30 June 2007-26 (2006-Base)	45
Table 1.1.4	Projected Total Population Aged 5-9 Years by Sex at 30 June 2007-26 (2006-Base)	45
Table 1.1.5	Projected Total Population Aged 10-14 Years by Sex at 30 June 2007-26 (2006-Base)	45
Table 1.1.6	Projected Total Population Aged 15-19 Years by Sex at 30 June 2007-26 (2006-Base)	46
Table 1.1.7	Projected Total Population Aged 20-24 Years by Sex at 30 June 2007-26 (2006-Base)	46
Table 1.1.8	Projected Total Population Aged 25-29 Years by Sex at 30 June 2007-26 (2006-Base)	46
Table 1.1.9	Projected Total Population Aged 30-34 Years by Sex at 30 June 2007-26 (2006-Base)	46
Table 1.1.10	Projected Total Population Aged 35-39 Years by Sex at 30 June 2007-26 (2006-Base)	46
Table 1.1.11	Projected Total Population Aged 40-44 Years by Sex at 30 June 2007-26 (2006-Base)	46
Table 1.1.12	Projected Total Population Aged 45-49 Years by Sex at 30 June 2007-26 (2006-Base)	47
Table 1.1.13	Projected Total Population Aged 50-54 Years by Sex at 30 June 2007-26 (2006-Base)	47
Table 1.1.14	Projected Total Population Aged 55-59 Years by Sex at 30 June 2007-26 (2006-Base)	47
Table 1.1.15	Projected Total Population Aged 60-64 Years by Sex at 30 June 2007-26 (2006-Base)	47
Table 1.1.16	Projected Total Population Aged 65-69 Years by Sex at 30 June 2007-26 (2006-Base)	47
Table 1.1.17	Projected Total Population Aged 70-74 Years by Sex at 30 June 2007-26 (2006-Base)	47
Table 1.1.18	Projected Total Population Aged 75-79 Years by Sex at 30 June 2007-26 (2006-Base)	48
Table 1.1.19	Projected Total Population Aged 80-84 Years by Sex at 30 June 2007-26 (2006-Base)	48
Table 1.1.20	Projected Total Population Aged 85-89 Years by Sex at 30 June 2007-26 (2006-Base)	48
Table 1.1.21	Projected Total Population Aged 90+ Years by Sex at 30 June 2007-26 (2006-Base)	48
Table 1.1.22	Projected Total Population by Sex at 30 June 2007-26 (2006-Base)	48
Table 1.2.1	Projected Māori Population by Age and Sex at 30 June 2007 (2006-Base)	49
Table 1.2.2	Projected Māori Population Aged 0 Years by Sex at 30 June 2007 (2006-Base)	49
Table 1.2.3	Projected Māori Population Aged 1-4 Years by Sex at 30 June 2007 (2006-Base)	49
Table 1.2.4	Projected Māori Population Aged 5-9 Years by Sex at 30 June 2007 (2006-Base)	49
Table 1.2.5	Projected Māori Population Aged 10-14 Years by Sex at 30 June 2007 (2006-Base)	49
Table 1.2.6	Projected Māori Population Aged 15-19 Years by Sex at 30 June 2007 (2006-Base)	50
Table 1.2.7	Projected Māori Population Aged 20-24 Years by Sex at 30 June 2007 (2006-Base)	50
Table 1.2.8	Projected Māori Population Aged 25-29 Years by Sex at 30 June 2007 (2006-Base)	50
Table 1.2.9	Projected Māori Population Aged 30-34 Years by Sex at 30 June 2007 (2006-Base)	50
Table 1.2.10	Projected Māori Population Aged 35-39 Years by Sex at 30 June 2007 (2006-Base)	50
Table 1.2.11	Projected Māori Population Aged 40-44 Years by Sex at 30 June 2007 (2006-Base)	50
Table 1.2.12	Projected Māori Population Aged 45-49 Years by Sex at 30 June 2007 (2006-Base)	51
Table 1.2.13	Projected Māori Population Aged 50-54 Years by Sex at 30 June 2007 (2006-Base)	51
Table 1.2.14	Projected Māori Population Aged 55-59 Years by Sex at 30 June 2007 (2006-Base)	51
Table 1.2.15	Projected Māori Population Aged 60-64 Years by Sex at 30 June 2007 (2006-Base)	51
Table 1.2.16	Projected Māori Population Aged 65-69 Years by Sex at 30 June 2007 (2006-Base)	51
Table 1.2.17	Projected Māori Population Aged 70-74 Years by Sex at 30 June 2007 (2006-Base)	51
Table 1.2.18	Projected Māori Population Aged 75-79 Years by Sex at 30 June 2007 (2006-Base)	52
Table 1.2.19	Projected Māori Population Aged 80-84 Years by Sex at 30 June 2007 (2006-Base)	52
Table 1.2.20	Projected Māori Population Aged 85-89 Years by Sex at 30 June 2007 (2006-Base)	52
Table 1.2.21	Projected Māori Population Aged 90+ Years by Sex at 30 June 2007 (2006-Base)	52
Table 1.2.22	Projected Māori Population by Sex at 30 June 2007 (2006-Base)	52
Table 1.3.1	Projected Non- Māori Population by Age and Sex at 30 June 2007 (2006-Base)	53
Table 1.3.2	Projected Non- Māori Population Aged 0 Years by Sex at 30 June 2007 (2006-Base)	53
Table 1.3.3	Projected Non- Māori Population Aged 1-4 Years by Sex at 30 June 2007 (2006-Base)	53
Table 1.3.4	Projected Non- Māori Population Aged 5-9 Years by Sex at 30 June 2007 (2006-Base)	53

Table 1.3.5	Projected Non- Māori Population Aged 10-14 Years by Sex at 30 June 2007 (2006-Base)	53
Table 1.3.6	Projected Non- Māori Population Aged 15-19 Years by Sex at 30 June 2007 (2006-Base)	54
Table 1.3.7	Projected Non- Māori Population Aged 20-24 Years by Sex at 30 June 2007 (2006-Base)	54
Table 1.3.8	Projected Non- Māori Population Aged 25-29 Years by Sex at 30 June 2007 (2006-Base)	54
Table 1.3.9	Projected Non- Māori Population Aged 30-34 Years by Sex at 30 June 2007 (2006-Base)	54
Table 1.3.10	Projected Non- Māori Population Aged 35-39 Years by Sex at 30 June 2007 (2006-Base)	54
Table 1.3.11	Projected Non- Māori Population Aged 40-44 Years by Sex at 30 June 2007 (2006-Base)	54
Table 1.3.12	Projected Non- Māori Population Aged 45-49 Years by Sex at 30 June 2007 (2006-Base)	55
Table 1.3.13	Projected Non- Māori Population Aged 50-54 Years by Sex at 30 June 2007 (2006-Base)	55
Table 1.3.14	Projected Non- Māori Population Aged 55-59 Years by Sex at 30 June 2007 (2006-Base)	55
Table 1.3.15	Projected Non- Māori Population Aged 60-64 Years by Sex at 30 June 2007 (2006-Base)	55
Table 1.3.16	Projected Non- Māori Population Aged 65-69 Years by Sex at 30 June 2007 (2006-Base)	55
Table 1.3.17	Projected Non- Māori Population Aged 70-74 Years by Sex at 30 June 2007 (2006-Base)	55
Table 1.3.18	Projected Non- Māori Population Aged 75-79 Years by Sex at 30 June 2007 (2006-Base)	56
Table 1.3.19	Projected Non- Māori Population Aged 80-84 Years by Sex at 30 June 2007 (2006-Base)	56
Table 1.3.20	Projected Non- Māori Population Aged 85-89 Years by Sex at 30 June 2007 (2006-Base)	56
Table 1.3.21	Projected Non- Māori Population Aged 90+ Years by Sex at 30 June 2007 (2006-Base)	56
Table 1.3.22	Projected Non- Māori Population by Sex at 30 June 2007 (2006-Base)	56
Table 1.4.1	Population Distribution by Age: Males (2006 Census)	57
Table 1.4.2	Population Distribution by Age: Females (2006 Census)	57
Table 1.4.3	Population Distribution by Age: Total (2006 Census)	57
Table 1.4.4	Female Population by Ethnicity (2006 Census)	58
Table 1.4.5	Male Population by Ethnicity (2006 Census)	59
Table 1.4.6	Total Population by Ethnicity (2006 Census)	60
Table 1.4.7	Population Distribution by Birthplace (2006 Census)	60
Table 1.5.1	Legal Marital Status (2006 Census)	61
Table 1.5.2	Social Marital Status (2006 Census)	61
Table 1.5.3	Family Type (2006 Census)	61
Table 1.5.4	Household Composition (2006 Census)	62
Table 1.5.5	Number of Languages Spoken (2006 Census)	62
Table 1.5.6	Number of children born by age group of mother (2006 Census)	63
Table 1.5.7	Individuals engaged in unpaid activities: Male (2006 Census)	66
Table 1.5.8	Individuals engaged in unpaid activities: Female (2006 Census)	66
Table 1.5.9	Individuals engaged in unpaid activities: Total (2006 Census)	67
Table 1.6.1	Highest Qualification Gained (2006 Census)	68
Table 1.6.2	Total Personal Income (2006 Census)	68
Table 1.6.3	Sources of Personal Income (2006 Census)	69
Table 1.6.4	Work and Labour Force Status (2006 Census)	69
Table 1.6.5	Occupation – ANZSCO V1.0 Major Group (2006 Census)	70
Table 1.6.6	Access to Telecommunications (2006 Census)	70
Table 1.6.7	Number of Motor Vehicles per Household (2006 Census)	70
Table 1.6.8	Housing Tenure (2006 Census)	71
Appendix 2	Mortality Tables (2006-2008)	72
Table 2.1.1	Avoidable mortality, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	73
Table 2.1.2	All cardiovascular disease mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	73
Table 2.1.3	Ischaemic heart disease mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	73
Table 2.1.4	Stroke mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	73

Table 2.1.5	All cancer mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	74
Table 2.1.6	Lung cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	74
Table 2.1.7	Female breast cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	74
Table 2.1.8	Prostate cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	74
Table 2.1.9	Cervical cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	74
Table 2.1.10	Colorectal cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	75
Table 2.1.11	Melanoma mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	75
Table 2.1.12	Unintentional injury mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	75
Table 2.1.13	Suicide, 5+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	75
Table 2.1.14	Drowning, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08	76
Table 2.1.15	Unintentional injury mortality, 15-24 years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	76
Table 2.1.16	Suicide mortality, 15-24 years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	76
Table 2.1.17	Ischaemic heart disease mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	76
Table 2.1.18	Stroke mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	77
Table 2.1.19	Lung cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	77
Table 2.1.20	Female breast cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	77
Table 2.1.21	Prostate cancer mortality, all ages, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	77
Table 2.1.22	Cervical cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	77
Table 2.1.23	Colorectal cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	78
Table 2.1.24	Melanoma mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	78
Table 2.1.25	COPD mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08	78
Table 2.2.1	Leading causes of avoidable mortality, males and females, 0-74 years, 2006-08	79
Table 2.2.2	Leading causes of avoidable mortality, by ethnicity, 0-74 years, 2006-08	79
Table 2.2.3	Leading causes of mortality, males and females, 65+ years, 2006-08	80
Table 2.2.4	Leading causes of mortality, by ethnicity, 65+ years, 2006-08	80
Appendix 3	Hospitalisation Tables (2007-2009)	81
Table 3.1.1	Avoidable hospitalisations, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	82

Table 3.1.2	All cardiovascular disease hospitalisations, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	82
Table 3.1.3	Ischaemic heart disease hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	82
Table 3.1.4	Stroke hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	82
Table 3.1.5	All cancer hospitalisations, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	83
Table 3.1.6	Lung cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	83
Table 3.1.7	Female breast cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	83
Table 3.1.8	Prostate cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	83
Table 3.1.9	Cervical cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	83
Table 3.1.10	Colorectal cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	84
Table 3.1.11	Melanoma hospitalisations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	84
Table 3.1.12	Unintentional injury hospitalisation, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	84
Table 3.1.13	Self-harm hospitalisation, 5+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	84
Table 3.1.14	Unintentional injury hospitalisation, 15-24 years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	85
Table 3.1.15	Ischaemic heart disease hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	85
Table 3.1.16	Stroke hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	85
Table 3.1.17	Lung cancer hospitalisations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	85
Table 3.1.18	Female breast cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	86
Table 3.1.19	Prostate cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	86
Table 3.1.20	Cervical cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	86
Table 3.1.21	Colorectal cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	86
Table 3.1.22	Melanoma hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	86
Table 3.1.23	COPD hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	87
Table 3.1.24	Diabetes hospitalisations, 15+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	87
Table 3.1.25	Diabetes complications - renal failure hospitalisations, 15+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09	87
Table 3.1.26	Asthma hospitalisations, 15+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	87
Table 3.1.27	COPD hospitalisation, 45+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	88

Table 3.1.28	Asthma hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	88
Table 3.1.29	Poisoning hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	88
Table 3.1.30	Burns hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	88
Table 3.1.31	Falls hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	89
Table 3.1.32	Falls hospitalisation, 65+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	89
Table 3.1.33	Musculoskeletal disease hospitalisation, 65+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09	89
Table 3.2.1	Leading causes of avoidable hospitalisation, males and females, 0-74 years, 2007-09	90
Table 3.2.2	Leading causes of avoidable hospitalisation, by ethnicity, 0-74 years, 2007-09	90
Table 3.2.3	Leading causes of hospitalisation, males and females, 65+ years, 2007-09	91
Table 3.2.4	Leading causes of hospitalisation, by ethnicity, 65+ years, 2007-09	92
Table 3.2.5	Leading causes of hospitalisation, males and females, 5-14 years, 2007-09	93
Table 3.2.6	Leading causes of hospitalisation, by ethnicity, 5-14 years, 2007-09	94
Table 3.2.7	Leading causes of hospitalisation, males and females, 0-4 years, 2007-09	95
Table 3.2.8	Leading causes of hospitalisation, by ethnicity, 0-4 years, 2007-09	96
Appendix 4	Cancer Registration Tables (2005-2007)	97
Table 4.1.1	Lung cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07	98
Table 4.1.2	Female breast cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07	98
Table 4.1.3	Prostate cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07	98
Table 4.1.4	Cervical cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07	98
Table 4.1.5	Colorectal cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07	98
Table 4.1.6	Melanoma registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07	99
Table 4.1.7	Lung cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07	99
Table 4.1.8	Female breast cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07	99
Table 4.1.9	Prostate cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07	99
Table 4.1.10	Cervical cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07	99
Table 4.1.11	Colorectal cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07	100
Table 4.1.12	Melanoma registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07	100
Appendix 5	ICD-10 Codes	101

Appendix 1

Demographic Tables

Table 1.1.1: Projected Total Population by Age and Sex at 30 June 2007 (2006-Base)

Location	Age Group	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	27,180	26,260	53,460	28,040	26,960	54,990	28,760	27,560	56,320	29,620	28,200	57,820	29,500	28,130	57,640	8.5	7.1	7.8
	15-64	94,400	101,040	195,420	101,620	107,510	209,150	104,400	110,060	214,460	107,280	112,360	219,620	110,080	114,380	224,430	16.6	13.2	14.8
	65+	12,790	16,260	29,060	15,650	19,040	34,690	18,050	21,590	39,640	20,840	24,880	45,710	24,130	28,710	52,840	88.7	76.6	81.8
	Total	134,370	143,560	277,940	145,310	153,510	298,830	151,210	159,210	310,420	157,740	165,440	323,150	163,710	171,220	334,910	21.8	19.3	20.5
New Zealand	0-14	454,960	433,360	888,310	463,530	439,930	903,460	471,020	446,390	917,400	481,280	455,240	936,520	477,070	451,780	928,840	4.9	4.3	4.6
	15-64	1,364,450	1,420,210	2,784,650	1,453,870	1,503,460	2,957,340	1,484,350	1,530,690	3,015,030	1,514,650	1,554,990	3,069,630	1,545,220	1,573,770	3,119,010	13.2	10.8	12.0
	65+	228,930	282,690	511,620	280,080	330,240	610,290	324,050	374,290	698,340	378,790	433,010	811,780	440,280	503,800	944,080	92.3	78.2	84.5
	Total	2,048,340	2,136,260	4,184,580	2,197,480	2,273,630	4,471,090	2,279,420	2,351,370	4,630,770	2,374,720	2,443,240	4,817,930	2,462,570	2,529,350	4,991,930	20.2	18.4	19.3

Table 1.1.2: Projected Total Population Aged 0 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,920	1,940	3,860	2,090	1,980	4,060	2,080	1,970	4,060	2,080	1,970	4,050	2,060	1,950	4,020	7.3	0.5	4.1
New Zealand	30,150	28,910	59,060	31,830	30,190	62,020	31,380	29,760	61,140	31,380	29,750	61,130	31,500	29,870	61,360	4.5	3.3	3.9

Table 1.1.3: Projected Total Population Aged 1-4 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	7,370	7,090	14,470	8,250	7,770	16,020	8,190	7,770	15,950	8,180	7,760	15,940	8,110	7,700	15,810	10.0	8.6	9.3
New Zealand	116,060	110,880	226,940	130,230	122,710	252,940	126,860	120,240	247,090	125,820	119,240	245,060	126,140	119,520	245,660	8.7	7.8	8.2

Table 1.1.4: Projected Total Population Aged 5-9 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	8,840	8,540	17,380	9,140	8,780	17,920	9,810	9,310	19,120	9,790	9,330	19,120	9,780	9,320	19,100	10.6	9.1	9.9
New Zealand	149,230	142,650	291,880	151,640	144,070	295,710	163,170	153,990	317,160	159,530	151,110	310,640	158,510	150,120	308,630	6.2	5.2	5.7

Table 1.1.5: Projected Total Population Aged 10-14 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,050	8,690	17,750	8,560	8,430	16,990	8,680	8,510	17,190	9,570	9,140	18,710	9,550	9,160	18,710	5.5	5.4	5.4
New Zealand	159,520	150,920	310,430	149,830	142,960	292,790	149,610	142,400	292,010	164,550	155,140	319,690	160,920	152,270	313,190	0.9	0.9	0.9

Table 1.1.6: Projected Total Population Aged 15-19 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,730	10,180	19,910	9,690	9,660	19,360	9,300	9,490	18,790	9,290	9,570	18,860	10,180	10,200	20,380	4.6	0.2	2.4
New Zealand	159,400	154,160	313,560	160,800	153,760	314,560	154,110	148,300	302,410	152,660	146,680	299,340	167,590	159,430	327,020	5.1	3.4	4.3

Table 1.1.7: Projected Total Population Aged 20-24 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	11,610	12,800	24,400	13,010	13,210	26,210	12,820	12,960	25,780	12,230	12,600	24,830	12,220	12,680	24,900	5.3	-	0.9
New Zealand	145,850	145,330	291,180	169,800	160,880	330,690	168,800	159,910	328,710	159,270	152,430	311,690	157,870	150,830	308,700	8.2	3.8	6.0

Table 1.1.8: Projected Total Population Aged 25-29 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	10,680	11,190	21,870	12,710	13,470	26,190	13,590	13,380	26,970	13,300	12,870	26,170	12,720	12,520	25,240	19.1	11.9	15.4
New Zealand	126,770	133,600	260,370	150,020	150,210	300,230	165,090	158,620	323,710	167,730	160,800	328,530	158,300	153,340	311,640	24.9	14.8	19.7

Table 1.1.9: Projected Total Population Aged 30-34 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	10,670	11,890	22,560	11,600	11,960	23,560	12,690	13,360	26,050	13,580	13,320	26,900	13,300	12,810	26,110	24.6	7.7	15.7
New Zealand	136,320	149,700	286,010	137,460	145,930	283,390	152,120	156,340	308,450	169,600	165,430	335,030	172,310	167,630	339,940	26.4	12.0	18.9

Table 1.1.10: Projected Total Population Aged 35-39 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	10,940	11,930	22,860	10,210	11,400	21,610	10,720	11,320	22,040	12,270	13,000	25,270	13,150	12,970	26,120	20.2	8.7	14.3
New Zealand	149,140	163,430	312,560	136,360	149,500	285,860	136,720	146,490	283,210	154,840	159,360	314,200	172,320	168,470	340,790	15.5	3.1	9.0

Table 1.1.11: Projected Total Population Aged 40-44 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	10,720	11,430	22,150	10,700	11,780	22,490	10,080	11,420	21,500	10,340	10,950	21,280	11,880	12,630	24,500	10.8	10.5	10.6
New Zealand	155,940	166,540	322,490	151,430	166,140	317,570	141,000	155,280	296,280	137,690	147,630	285,320	155,770	160,510	316,290	-	0.1	-

Table 1.1.12: Projected Total Population Aged 45-49 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,450	9,950	19,400	10,260	11,070	21,330	10,200	11,200	21,400	9,590	10,980	20,570	9,850	10,510	20,360	4.2	5.6	4.9
New Zealand	149,120	156,040	305,160	152,810	163,480	316,290	149,650	163,730	313,380	139,930	154,200	294,120	136,740	146,680	283,430	-	8.3	- 6.0 - 7.1

Table 1.1.13: Projected Total Population Aged 50-54 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	7,920	8,470	16,390	9,250	9,760	19,010	9,770	10,500	20,270	9,660	10,680	20,350	9,070	10,470	19,530	14.5	23.6	19.2
New Zealand	129,930	133,720	263,650	149,430	157,770	307,200	151,890	162,460	314,350	146,550	160,920	307,480	137,060	151,570	288,630	5.5	13.3	9.5

Table 1.1.14: Projected Total Population Aged 55-59 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	7,320	7,580	14,910	7,570	8,040	15,610	8,410	8,920	17,330	9,210	9,940	19,140	9,120	10,130	19,240	24.6	33.6	29.0
New Zealand	120,080	122,930	243,010	129,440	134,870	264,310	142,290	150,520	292,810	148,060	159,630	307,690	143,050	158,280	301,330	19.1	28.8	24.0

Table 1.1.15: Projected Total Population Aged 60-64 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	5,360	5,620	10,970	6,620	7,160	13,780	6,820	7,510	14,330	7,810	8,450	16,250	8,590	9,460	18,050	60.3	68.3	64.5
New Zealand	91,900	94,760	186,660	116,320	120,920	237,240	122,680	129,040	251,720	138,320	147,910	286,230	144,210	157,030	301,240	56.9	65.7	61.4

Table 1.1.16: Projected Total Population Aged 65-69 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	4,240	4,670	8,910	5,240	5,620	10,870	6,220	6,780	13,010	6,340	7,150	13,480	7,300	8,070	15,370	72.2	72.8	72.5
New Zealand	75,620	79,910	155,530	93,080	97,750	190,820	111,140	117,390	228,530	117,740	125,610	243,350	133,120	144,170	277,290	76.0	80.4	78.3

Table 1.1.17: Projected Total Population Aged 70-74 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	3,230	3,580	6,810	4,080	4,540	8,620	4,490	4,950	9,440	5,730	6,360	12,090	5,870	6,730	12,610	81.7	88.0	85.2
New Zealand	57,380	62,790	120,170	73,260	79,300	152,560	81,400	87,480	168,880	103,430	111,450	214,870	110,220	119,710	229,930	92.1	90.7	91.3

Table 1.1.18: Projected Total Population Aged 75-79 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	2,560	3,160	5,720	2,750	3,300	6,050	3,300	3,910	7,220	3,900	4,500	8,400	5,040	5,820	10,860	96.9	84.2	89.9
New Zealand	47,570	56,030	103,600	50,280	57,860	108,140	60,630	68,560	129,190	71,550	79,900	151,460	91,620	102,350	193,970	92.6	82.7	87.2

Table 1.1.19: Projected Total Population Aged 80-84 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,700	2,530	4,230	1,970	2,640	4,610	2,150	2,700	4,850	2,650	3,350	5,990	3,170	3,890	7,050	86.5	53.8	66.7
New Zealand	30,180	44,000	74,180	36,850	46,670	83,520	38,390	47,390	85,780	48,240	58,280	106,510	57,700	68,660	126,360	91.2	56.0	70.3

Table 1.1.20: Projected Total Population Aged 85-89 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	760	1,510	2,270	1,160	1,870	3,030	1,320	2,000	3,310	1,460	2,090	3,550	1,860	2,630	4,490	144.7	74.2	97.8
New Zealand	13,160	25,920	39,080	19,190	30,990	50,170	22,720	32,900	55,620	24,810	34,280	59,090	32,180	43,160	75,340	144.5	66.5	92.8

Table 1.1.21: Projected Total Population Aged 90+ Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	300	810	1,120	450	1,070	1,510	570	1,250	1,810	760	1,430	2,200	890	1,570	2,460	196.7	93.8	119.6
New Zealand	5,020	14,040	19,060	7,420	17,670	25,080	9,770	20,570	30,340	13,020	23,490	36,500	15,440	25,750	41,190	207.6	83.4	116.1

Table 1.1.22: Projected Total Population by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	134,400	143,600	278,000	145,300	153,500	298,800	151,200	159,200	310,400	157,700	165,400	323,200	163,700	171,200	334,900	21.8	19.2	20.5
New Zealand	2,048,300	2,136,200	4,184,600	2,197,500	2,273,600	4,471,100	2,279,400	2,351,400	4,630,800	2,374,700	2,443,200	4,817,900	2,462,600	2,529,300	4,991,900	20.2	18.4	19.3

NOTE: Owing to rounding, individual figures do not always sum to the totals shown.

These projections are: Medium Projection : Assuming Medium Fertility, Medium Mortality, and Medium Migration

These projections were derived in September 2010.

Source: Statistics New Zealand

Population Projections

Prepared for Ministry of Health

Ref No: ROM27819

Table 1.2.1: Projected Māori Population by Age and Sex at 30 June 2007 (2006-Base)

Location	Age Group	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	4,720	4,590	9,300	5,210	5,060	10,260	5,580	5,290	10,870	5,870	5,590	11,470	5,830	5,540	11,380	23.5	20.7	22.4
	15-64	9,170	10,310	19,480	10,090	11,130	21,200	10,500	11,530	22,050	11,100	11,960	23,070	11,960	12,560	24,520	30.4	21.8	25.9
	65+	430	500	930	580	690	1,270	710	850	1,570	930	1,090	2,020	1,200	1,490	2,670	179.1	198.0	187.1
	Total	14,320	15,400	29,710	15,880	16,880	32,730	16,790	17,670	34,490	17,900	18,640	36,560	18,990	19,590	38,570	32.6	27.2	29.8
New Zealand	0-14	110,480	104,810	215,310	119,900	114,160	234,070	126,030	119,990	246,030	133,180	126,750	259,920	132,290	125,860	258,150	19.7	20.1	19.9
	15-64	183,640	199,700	383,320	200,480	215,580	416,040	210,230	224,440	434,680	220,480	233,230	453,710	236,750	246,600	483,350	28.9	23.5	26.1
	65+	11,680	14,010	25,710	15,340	18,520	33,860	18,920	22,970	41,880	24,150	29,520	53,660	30,830	38,330	69,150	164.0	173.6	169.0
	Total	305,800	318,520	624,340	335,720	348,260	683,970	355,180	367,400	722,590	377,810	389,500	767,290	399,870	410,790	810,650	30.8	29.0	29.8

Table 1.2.2: Projected Māori Population Aged 0 Years by Sex at 30 June 2007(2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	390	370	750	420	400	820	420	390	810	410	390	800	420	400	810	7.7	8.1	8.0
New Zealand	8,070	7,840	15,920	9,220	8,750	17,980	9,080	8,620	17,700	9,050	8,590	17,640	9,310	8,830	18,140	15.4	12.6	13.9

Table 1.2.3: Projected Māori Population Aged 1-4 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,320	1,230	2,550	1,660	1,580	3,240	1,640	1,550	3,190	1,610	1,530	3,140	1,620	1,530	3,150	22.7	24.4	23.5
New Zealand	29,390	27,740	57,130	37,050	35,200	72,250	36,240	34,420	70,660	35,660	33,860	69,510	36,160	34,320	70,480	23.0	23.7	23.4

Table 1.2.4: Projected Māori Population Aged 5-9 Years by Sex at 30 June 2007(2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,530	1,550	3,080	1,740	1,610	3,340	1,990	1,890	3,880	1,960	1,860	3,820	1,930	1,830	3,770	26.1	18.1	22.4
New Zealand	36,500	34,900	71,410	38,540	36,750	75,290	45,430	43,250	88,690	44,370	42,230	86,600	43,760	41,640	85,410	19.9	19.3	19.6

Table 1.2.5: Projected Māori Population Aged 10-14 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,480	1,440	2,920	1,390	1,470	2,860	1,530	1,460	2,990	1,890	1,810	3,710	1,860	1,780	3,650	25.7	23.6	25.0
New Zealand	36,520	34,330	70,850	35,090	33,460	68,550	35,280	33,700	68,980	44,100	42,070	86,170	43,060	41,070	84,120	17.9	19.6	18.7

Table 1.2.6: Projected Māori Population Aged 15-19 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,510	1,590	3,110	1,410	1,360	2,770	1,370	1,430	2,810	1,460	1,410	2,870	1,810	1,750	3,570	19.9	10.1	14.8
New Zealand	32,900	33,090	65,980	34,100	32,300	66,390	33,530	32,150	65,680	33,610	32,080	65,690	42,170	40,200	82,370	28.2	21.5	24.8

Table 1.2.7: Projected Māori Population Aged 20-24 Years by Sex at 30 June 2007(2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,340	1,560	2,890	1,590	1,630	3,210	1,510	1,460	2,970	1,480	1,510	2,990	1,570	1,480	3,050	17.2	-	5.1
New Zealand	24,200	25,900	50,090	31,190	30,640	61,830	32,070	29,740	61,810	30,950	29,310	60,250	31,030	29,250	60,280	28.2	12.9	20.3

Table 1.2.8: Projected Māori Population Aged 25-29 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,170	1,320	2,500	1,430	1,660	3,080	1,620	1,690	3,310	1,530	1,500	3,030	1,510	1,560	3,070	29.1	18.2	22.8
New Zealand	20,620	22,960	43,580	21,930	23,830	45,750	27,180	27,580	54,760	29,110	27,190	56,310	28,040	26,780	54,820	36.0	16.6	25.8

Table 1.2.9: Projected Māori Population Aged 30-34 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,110	1,320	2,430	1,160	1,230	2,390	1,290	1,460	2,760	1,540	1,550	3,090	1,460	1,370	2,830	31.5	3.8	16.5
New Zealand	20,280	23,040	43,320	19,270	21,750	41,020	19,920	22,330	42,250	25,890	26,720	52,610	27,800	26,340	54,150	37.1	14.3	25.0

Table 1.2.10: Projected Māori Population Aged 35-39 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,070	1,180	2,250	960	1,170	2,130	990	1,100	2,090	1,180	1,370	2,550	1,420	1,450	2,870	32.7	22.9	27.6
New Zealand	19,940	22,610	42,550	18,780	21,830	40,610	18,390	21,360	39,750	19,130	21,750	40,880	24,990	26,070	51,060	25.3	15.3	20.0

Table 1.2.11: Projected Māori Population Aged 40-44 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	930	1,040	1,970	980	1,170	2,150	920	1,160	2,080	920	1,030	1,950	1,110	1,290	2,400	19.4	24.0	21.8
New Zealand	19,170	21,360	40,530	19,120	22,160	41,280	18,490	21,590	40,070	17,590	20,680	38,270	18,330	21,080	39,410	-	4.4	-

Table 1.2.12: Projected Māori Population Aged 45-49 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	740	890	1,630	880	970	1,850	920	1,040	1,960	850	1,080	1,930	850	960	1,810	14.9	7.9	11.0
New Zealand	16,760	18,590	35,350	18,010	20,280	38,290	18,040	20,990	39,040	17,620	20,820	38,440	16,770	19,950	36,720	0.1	7.3	3.9

Table 1.2.13: Projected Māori Population Aged 50-54 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	580	620	1,190	720	880	1,600	790	910	1,700	850	970	1,820	790	1,020	1,800	36.2	64.5	51.3
New Zealand	12,930	13,930	26,860	16,240	18,560	34,800	17,130	19,620	36,750	17,090	20,150	37,240	16,720	20,010	36,720	29.3	43.6	36.7

Table 1.2.14: Projected Māori Population Aged 55-59 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	450	470	920	550	590	1,140	630	770	1,400	720	840	1,570	790	910	1,690	75.6	93.6	83.7
New Zealand	10,070	10,860	20,930	12,390	13,760	26,140	14,630	16,810	31,440	16,040	18,710	34,750	16,070	19,260	35,330	59.6	77.3	68.8

Table 1.2.15: Projected Māori Population Aged 60-64 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	270	320	590	410	470	880	460	510	970	570	700	1,270	650	770	1,430	140.7	140.6	142.4
New Zealand	6,770	7,360	14,130	9,450	10,470	19,930	10,850	12,270	23,130	13,450	15,820	29,270	14,830	17,660	32,490	119.1	139.9	129.9

Table 1.2.16: Projected Māori Population Aged 65-69 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	240	230	470	240	280	520	340	370	710	400	450	840	490	630	1,120	104.2	173.9	138.3
New Zealand	5,410	5,930	11,350	6,200	7,030	13,240	8,000	9,180	17,180	9,690	11,250	20,930	12,110	14,580	26,690	123.8	145.9	135.2

Table 1.2.17: Projected Māori Population Aged 70-74 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	110	140	250	190	210	400	170	220	390	270	310	590	330	380	710	200.0	171.4	184.0
New Zealand	3,350	3,780	7,140	4,700	5,300	10,000	4,940	5,790	10,730	6,820	8,070	14,890	8,370	9,980	18,350	149.9	164.0	157.0

Table 1.2.18: Projected Māori Population Aged 75-79 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	50	70	120	100	100	200	140	150	280	130	170	300	220	250	470	340.0	257.1	291.7
New Zealand	1,810	2,380	4,200	2,590	3,230	5,820	3,470	4,200	7,670	3,930	4,830	8,760	5,540	6,830	12,360	206.1	187.0	194.3

Table 1.2.19: Projected Māori Population Aged 80-84 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	20	40	60	40	60	100	50	70	130	90	100	190	90	130	210	350.0	225.0	250.0
New Zealand	780	1,230	2,010	1,360	1,910	3,270	1,710	2,280	3,990	2,430	3,210	5,640	2,830	3,770	6,600	262.8	206.5	228.4

Table 1.2.20: Projected Māori Population Aged 85-89 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	10	20	20	10	30	40	10	30	40	30	40	70	50	70	110	400.0	250.0	450.0
New Zealand	280	530	810	390	780	1,170	630	1,090	1,710	970	1,480	2,450	1,450	2,160	3,610	417.9	307.5	345.7

Table 1.2.21: Projected Māori Population Aged 90+ Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	-	-	10	-	10	10	-	10	20	10	20	30	20	30	50	/	/	400.0
New Zealand	50	160	200	100	270	360	170	430	600	310	680	990	530	1,010	1,540	960.0	531.3	670.0

Table 1.2.22: Projected Māori Population by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	14,300	15,400	29,700	15,900	16,900	32,700	16,800	17,700	34,500	17,900	18,700	36,600	19,000	19,600	38,600	32.9	27.3	30.0
New Zealand	305,800	318,500	624,300	335,700	348,300	684,000	355,200	367,400	722,600	377,800	389,500	767,300	399,900	410,800	810,700	30.8	29.0	29.9

NOTE: Owing to rounding, individual figures do not always sum to the totals shown.

These projections are: Medium Projection : Assuming Medium Fertility, Medium Mortality, and Medium Migration

These projections were derived in September 2010.

Source: Statistics New Zealand

Population Projections

Prepared for Ministry of Health

Ref No: ROM27819

Table 1.3.1: Projected Non Māori Population by Age and Sex at 30 June 2007 (2006-Base)

Location	Age Group	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	0-14	22,460	21,670	44,160	22,830	21,900	44,730	23,180	22,270	45,450	23,750	22,610	46,350	23,670	22,590	46,260	5.4	4.2	4.8
	15-64	85,230	90,730	175,940	91,530	96,380	187,950	93,900	98,530	192,410	96,180	100,400	196,550	98,120	101,820	199,910	15.1	12.2	13.6
	65+	12,360	15,760	28,130	15,070	18,350	33,420	17,340	20,740	38,070	19,910	23,790	43,690	22,930	27,220	50,170	85.5	72.7	78.4
	Total	120,050	128,160	248,230	129,430	136,630	266,100	134,420	141,540	275,930	139,840	146,800	286,590	144,720	151,630	296,340	20.5	18.3	19.4
New Zealand	0-14	344,480	328,550	673,000	343,630	325,770	669,390	344,990	326,400	671,370	348,100	328,490	676,600	344,780	325,920	670,690	0.1	- 0.8	- 0.3
	15-64	1,180,810	1,220,510	2,401,330	1,253,390	1,287,880	2,541,300	1,274,120	1,306,250	2,580,350	1,294,170	1,321,760	2,615,920	1,308,470	1,327,170	2,635,660	10.8	8.7	9.8
	65+	217,250	268,680	485,910	264,740	311,720	576,430	305,130	351,320	656,460	354,640	403,490	758,120	409,450	465,470	874,930	88.5	73.2	80.1
	Total	1,742,540	1,817,740	3,560,240	1,861,760	1,925,370	3,787,120	1,924,240	1,983,970	3,908,180	1,996,910	2,053,740	4,050,640	2,062,700	2,118,560	4,181,280	18.4	16.5	17.4

Table 1.3.2: Projected Non Māori Population Aged 0 Years by Sex at 30 June 2007(2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,530	1,570	3,110	1,670	1,580	3,240	1,660	1,580	3,250	1,670	1,580	3,250	1,640	1,550	3,210	7.2	- 1.3	3.2
New Zealand	22,080	21,070	43,140	22,610	21,440	44,040	22,300	21,140	43,440	22,330	21,160	43,490	22,190	21,040	43,220	0.5	- 0.1	0.2

Table 1.3.3: Projected Non Māori Population Aged 1-4 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	6,050	5,860	11,920	6,590	6,190	12,780	6,550	6,220	12,760	6,570	6,230	12,800	6,490	6,170	12,660	7.3	5.3	6.2
New Zealand	86,670	83,140	169,810	93,180	87,510	180,690	90,620	85,820	176,430	90,160	85,380	175,550	89,980	85,200	175,180	3.8	2.5	3.2

Table 1.3.4: Projected Non Māori Population Aged 5-9 Years by Sex at 30 June 2007(2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	7,310	6,990	14,300	7,400	7,170	14,580	7,820	7,420	15,240	7,830	7,470	15,300	7,850	7,490	15,330	7.4	7.2	7.2
New Zealand	112,730	107,750	220,470	113,100	107,320	220,420	117,740	110,740	228,470	115,160	108,880	224,040	114,750	108,480	223,220	1.8	0.7	1.2

Table 1.3.5: Projected Non Māori Population Aged 10-14 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	7,570	7,250	14,830	7,170	6,960	14,130	7,150	7,050	14,200	7,680	7,330	15,000	7,690	7,380	15,060	1.6	1.8	1.6
New Zealand	123,000	116,590	239,580	114,740	109,500	224,240	114,330	108,700	223,030	120,450	113,070	233,520	117,860	111,200	229,070	- 4.2	- 4.6	- 4.4

Table 1.3.6: Projected Non Māori Population Aged 15-19 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026					
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Capital and Coast	8,220	8,590	16,800	8,280	8,300	16,590	7,930	8,060	15,980	7,830	8,160	15,990	8,370	8,450	16,810	1.8	-	1.6	0.1		
New Zealand	126,500	121,070	247,580	126,700	121,460	248,170	120,580	116,150	236,730	119,050	114,600	233,650	125,420	119,230	244,650	-	0.9	-	1.5	-	1.2

Table 1.3.7: Projected Non Māori Population Aged 20-24 Years by Sex at 30 June 2007(2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Capital and Coast	10,270	11,240	21,510	11,420	11,580	23,000	11,310	11,500	22,810	10,750	11,090	21,840	10,650	11,200	21,850	3.7	-	0.4	1.6
New Zealand	121,650	119,430	241,090	138,610	130,240	268,860	136,730	130,170	266,900	128,320	123,120	251,440	126,840	121,580	248,420	4.3	1.8	3.0	3.0

Table 1.3.8: Projected Non Māori Population Aged 25-29 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,510	9,870	19,370	11,280	11,810	23,110	11,970	11,690	23,660	11,770	11,370	23,140	11,210	10,960	22,170	17.9	11.0	14.5
New Zealand	106,150	110,640	216,790	128,090	126,380	254,480	137,910	131,040	268,950	138,620	133,610	272,220	130,260	126,560	256,820	22.7	14.4	18.5

Table 1.3.9: Projected Non Māori Population Aged 30-34 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,560	10,570	20,130	10,440	10,730	21,170	11,400	11,900	23,290	12,040	11,770	23,810	11,840	11,440	23,280	23.8	8.2	15.6
New Zealand	116,040	126,660	242,690	118,190	124,180	242,370	132,200	134,010	266,200	143,710	138,710	282,420	144,510	141,290	285,790	24.5	11.6	17.8

Table 1.3.10: Projected Non Māori Population Aged 35-39 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,870	10,750	20,610	9,250	10,230	19,480	9,730	10,220	19,950	11,090	11,630	22,720	11,730	11,520	23,250	18.8	7.2	12.8
New Zealand	129,200	140,820	270,010	117,580	127,670	245,250	118,330	125,130	243,460	135,710	137,610	273,320	147,330	142,400	289,730	14.0	1.1	7.3

Table 1.3.11: Projected Non Māori Population Aged 40-44 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	9,790	10,390	20,180	9,720	10,610	20,340	9,160	10,260	19,420	9,420	9,920	19,330	10,770	11,340	22,100	10.0	9.1	9.5
New Zealand	136,770	145,180	281,960	132,310	143,980	276,290	122,510	133,690	256,210	120,100	126,950	247,050	137,440	139,430	276,880	0.5	- 4.0	- 1.8

Table 1.3.12: Projected Non Māori Population Aged 45-49 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	8,710	9,060	17,770	9,380	10,100	19,480	9,280	10,160	19,440	8,740	9,900	18,640	9,000	9,550	18,550	3.3	5.4	4.4
New Zealand	132,360	137,450	269,810	134,800	143,200	278,000	131,610	142,740	274,340	122,310	133,380	255,680	119,970	126,730	246,710	-	9.4	- 7.8 - 8.6

Table 1.3.13: Projected Non Māori Population Aged 50-54 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	7,340	7,850	15,200	8,530	8,880	17,410	8,980	9,590	18,570	8,810	9,710	18,530	8,280	9,450	17,730	12.8	20.4	16.6
New Zealand	117,000	119,790	236,790	133,190	139,210	272,400	134,760	142,840	277,600	129,460	140,770	270,240	120,340	131,560	251,910	2.9	9.8	6.4

Table 1.3.14: Projected Non Māori Population Aged 55-59 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	6,870	7,110	13,990	7,020	7,450	14,470	7,780	8,150	15,930	8,490	9,100	17,570	8,330	9,220	17,550	21.3	29.7	25.4
New Zealand	110,010	112,070	222,080	117,050	121,110	238,170	127,660	133,710	261,370	132,020	140,920	272,940	126,980	139,020	266,000	15.4	24.0	19.8

Table 1.3.15: Projected Non Māori Population Aged 60-64 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	5,090	5,300	10,380	6,210	6,690	12,900	6,360	7,000	13,360	7,240	7,750	14,980	7,940	8,690	16,620	56.0	64.0	60.1
New Zealand	85,130	87,400	172,530	106,870	110,450	217,310	111,830	116,770	228,590	124,870	132,090	256,960	129,380	139,370	268,750	52.0	59.5	55.8

Table 1.3.16: Projected Non Māori Population Aged 65-69 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	4,000	4,440	8,440	5,000	5,340	10,350	5,880	6,410	12,300	5,940	6,700	12,640	6,810	7,440	14,250	70.3	67.6	68.8
New Zealand	70,210	73,980	144,180	86,880	90,720	177,580	103,140	108,210	211,350	108,050	114,360	222,420	121,010	129,590	250,600	72.4	75.2	73.8

Table 1.3.17: Projected Non Māori Population Aged 70-74 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	3,120	3,440	6,560	3,890	4,330	8,220	4,320	4,730	9,050	5,460	6,050	11,500	5,540	6,350	11,900	77.6	84.6	81.4
New Zealand	54,030	59,010	113,030	68,560	74,000	142,560	76,460	81,690	158,150	96,610	103,380	199,980	101,850	109,730	211,580	88.5	86.0	87.2

Table 1.3.18: Projected Non Māori Population Aged 75-79 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	2,510	3,090	5,600	2,650	3,200	5,850	3,160	3,760	6,940	3,770	4,330	8,100	4,820	5,570	10,390	92.0	80.3	85.5
New Zealand	45,760	53,650	99,400	47,690	54,630	102,320	57,160	64,360	121,520	67,620	75,070	142,700	86,080	95,520	181,610	88.1	78.0	82.7

Table 1.3.19: Projected Non Māori Population Aged 80-84 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	1,680	2,490	4,170	1,930	2,580	4,510	2,100	2,630	4,720	2,560	3,250	5,800	3,080	3,760	6,840	83.3	51.0	64.0
New Zealand	29,400	42,770	72,170	35,490	44,760	80,250	36,680	45,110	81,790	45,810	55,070	100,870	54,870	64,890	119,760	86.6	51.7	65.9

Table 1.3.20: Projected Non Māori Population Aged 85-89 Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	750	1,490	2,250	1,150	1,840	2,990	1,310	1,970	3,270	1,430	2,050	3,480	1,810	2,560	4,380	141.3	71.8	94.7
New Zealand	12,880	25,390	38,270	18,800	30,210	49,000	22,090	31,810	53,910	23,840	32,800	56,640	30,730	41,000	71,730	138.6	61.5	87.4

Table 1.3.21: Projected Non Māori Population Aged 90+ Years by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	300	810	1,110	450	1,060	1,500	570	1,240	1,790	750	1,410	2,170	870	1,540	2,410	190.0	90.1	117.1
New Zealand	4,970	13,880	18,860	7,320	17,400	24,720	9,600	20,140	29,740	12,710	22,810	35,510	14,910	24,740	39,650	200.0	78.2	110.2

Table 1.3.22: Projected Non Māori Population by Sex at 30 June 2007 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Capital and Coast	120,100	128,200	248,300	129,400	136,600	266,100	134,400	141,500	275,900	139,800	146,700	286,600	144,700	151,600	296,300	20.5	18.3	19.3
New Zealand	1,742,500	1,817,700	3,560,300	1,861,800	1,925,300	3,787,100	1,924,200	1,984,000	3,908,200	1,996,900	2,053,700	4,050,600	2,062,700	2,118,500	4,181,200	18.4	16.5	17.4

NOTE: Owing to rounding, individual figures do not always sum to the totals shown.

These projections are: Medium Projection : Assuming Medium Fertility, Medium Mortality, and Medium Migration

These projections were derived in September 2010.

Source: Statistics New Zealand

Population Projections

Prepared for Ministry of Health

Ref No: ROM27819

Table 1.4.1: Population Distribution by Age: Males (2006 Census)

		0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44
Capital and Coast	Number	8,883	8,634	8,865	9,474	10,884	9,846	10,182	10,461	10,284
	Percentage	6.9	6.7	6.9	7.4	8.5	7.7	7.9	8.1	8.0
New Zealand	Number	140,382	146,532	157,116	152,439	135,084	117,216	130,884	143,001	150,900
	Percentage	7.1	7.5	8.0	7.8	6.9	6.0	6.7	7.3	7.7

		45–49	50–54	55–59	60–64	65–69	70–74	75–79	80–84	85+	Total
Capital and Coast	Number	9,009	7,542	7,023	5,094	4,065	3,096	2,490	1,656	1,032	128,523
	Percentage	7.0	5.9	5.5	4.0	3.2	2.4	1.9	1.3	0.8	
New Zealand	Number	143,055	124,311	115,224	88,338	72,114	55,878	46,356	29,124	17,667	1,965,618
	Percentage	7.3	6.3	5.9	4.5	3.7	2.8	2.4	1.5	0.9	

(1) All figures are for the census usually resident population.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables

Table 1.4.2: Population Distribution by Age: Females (2006 Census)

		0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44
Capital and Coast	Number	8,640	8,322	8,571	9,966	12,039	10,371	11,547	11,538	11,058
	Percentage	6.3	6.0	6.2	7.2	8.7	7.5	8.4	8.4	8.0
New Zealand	Number	134,694	139,956	148,896	147,762	135,894	125,223	145,677	158,553	162,798
	Percentage	6.5	6.8	7.2	7.2	6.6	6.1	7.1	7.7	7.9

		45–49	50–54	55–59	60–64	65–69	70–74	75–79	80–84	85+	Total
Capital and Coast	Number	9,561	8,112	7,251	5,394	4,467	3,477	3,069	2,475	2,277	138,135
	Percentage	6.9	5.9	5.2	3.9	3.2	2.5	2.2	1.8	1.6	
New Zealand	Number	150,369	128,421	118,347	91,278	76,434	61,056	54,858	43,113	39,000	2,062,329
	Percentage	7.3	6.2	5.7	4.4	3.7	3.0	2.7	2.1	1.9	

(1) All figures are for the census usually resident population.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables

Table 1.4.3: Population Distribution by Age: Total (2006 Census)

		0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44
Capital and Coast	Number	17,523	16,953	17,439	19,437	22,923	20,220	21,729	21,996	21,342
	Percentage	6.6	6.4	6.5	7.3	8.6	7.6	8.1	8.2	8.0
New Zealand	Number	275,076	286,488	306,009	300,198	270,978	242,439	276,561	301,554	313,698
	Percentage	6.8	7.1	7.6	7.5	6.7	6.0	6.9	7.5	7.8

		45–49	50–54	55–59	60–64	65–69	70–74	75–79	80–84	85+	Total
Capital and Coast	Number	18,570	15,654	14,274	10,485	8,535	6,573	5,562	4,134	3,312	266,658
	Percentage	7.0	5.9	5.4	3.9	3.2	2.5	2.1	1.6	1.2	
New Zealand	Number	293,421	252,729	233,571	179,616	148,545	116,934	101,214	72,237	56,670	4,027,947
	Percentage	7.3	6.3	5.8	4.5	3.7	2.9	2.5	1.8	1.4	

(1) All figures are for the census usually resident population.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables

Table 1.4.4: Female Population by Ethnicity (2006 Census)

Age Group (years)	Māori				Non Māori				Total people stated**				Total people, not elsewhere included***				Total people	
	Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0–4	1,437	17.3	32,355	25.1	6,891	82.7	96,579	74.9	8,328	96.4	128,934	95.7	309	3.6	5,760	4.3	8,640	134,697
5–9	1,416	17.6	32,544	24.2	6,621	82.4	101,832	75.8	8,037	96.6	134,376	96.0	285	3.4	5,577	4.0	8,322	139,956
10–14	1,362	16.4	32,379	22.6	6,924	83.6	110,901	77.4	8,286	96.6	143,280	96.2	285	3.3	5,613	3.8	8,574	148,896
15–19	1,419	14.8	29,502	20.8	8,181	85.2	112,365	79.2	9,600	96.3	141,867	96.0	366	3.7	5,895	4.0	9,966	147,759
20–24	1,350	11.7	22,434	17.4	10,155	88.3	106,608	82.6	11,505	95.6	129,042	95.0	534	4.4	6,849	5.0	12,039	135,891
25–29	1,152	11.7	20,529	17.2	8,733	88.3	98,604	82.8	9,885	95.3	119,133	95.1	489	4.7	6,090	4.9	10,374	125,226
30–34	1,203	10.8	21,384	15.3	9,891	89.2	118,290	84.7	11,094	96.1	139,674	95.9	453	3.9	6,000	4.1	11,547	145,677
35–39	1,074	9.6	20,790	13.6	10,077	90.4	131,550	86.4	11,151	96.6	152,340	96.1	387	3.4	6,210	3.9	11,538	158,553
40–44	948	8.9	19,905	12.7	9,738	91.1	136,773	87.3	10,686	96.6	156,678	96.2	375	3.4	6,120	3.8	11,061	162,798
45–49	783	8.5	16,926	11.7	8,433	91.5	127,536	88.3	9,216	96.4	144,462	96.1	345	3.6	5,907	3.9	9,561	150,369
50–54	552	7.0	12,597	10.2	7,290	93.0	110,826	89.8	7,842	96.7	123,423	96.1	267	3.3	4,998	3.9	8,112	128,421
55–59	414	5.9	9,762	8.6	6,588	94.1	104,037	91.4	7,002	96.6	113,799	96.2	249	3.4	4,548	3.8	7,248	118,347
60–64	285	5.5	6,717	7.6	4,914	94.5	81,159	92.4	5,199	96.4	87,876	96.3	192	3.6	3,405	3.7	5,391	91,278
65–69	201	4.6	5,310	7.2	4,128	95.4	68,244	92.8	4,329	96.9	73,554	96.2	141	3.2	2,880	3.8	4,467	76,434
70–74	114	3.4	3,471	5.9	3,222	96.6	55,368	94.1	3,336	96.0	58,839	96.4	141	4.1	2,217	3.6	3,474	61,059
75–79	69	2.3	2,190	4.1	2,886	97.7	50,607	95.9	2,955	96.3	52,797	96.2	117	3.8	2,058	3.8	3,069	54,855
80–84	36	1.5	1,074	2.6	2,355	98.5	40,437	97.4	2,391	96.6	41,511	96.3	81	3.3	1,605	3.7	2,475	43,116
85 and over	18	0.8	609	1.6	2,190	99.2	37,002	98.4	2,208	97.0	37,611	96.4	72	3.2	1,389	3.6	2,277	39,000
Total	13,830	10.4	290,469	14.7	119,220	89.6	1,688,736	85.3	133,050	96.3	1,979,205	96.0	5,088	3.7	83,124	4.0	138,135	2,062,326

All figures are for the census usually resident population.

* Percentages are calculated using 'Total People Stated' as the denominator. These will add up to >100 where individuals have identified as belonging to more than one ethnic group.

***Percentage for 'Total People Stated' and 'Total People not Included Elsewhere' uses 'Total Population' as the Denominator

***Total People not included elsewhere refers to all those who did not state an ethnicity

Table 1.4.5: Male Population by Ethnicity (2006 Census)

Age Group (years)	Māori				Non Māori				Total people stated**				Total people, not elsewhere included***				Total people	
	Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0–4	1,566	18.2	34,071	25.3	7,020	81.8	100,671	74.7	8,586	96.7	134,742	96.0	294	3.3	5,640	4.0	8,883	140,382
5–9	1,410	16.8	34,230	24.2	6,969	83.2	106,974	75.8	8,379	97.0	141,204	96.4	258	3.0	5,331	3.6	8,634	146,535
10–14	1,392	16.3	34,347	22.7	7,173	83.7	117,129	77.3	8,565	96.6	151,476	96.4	297	3.4	5,637	3.6	8,862	157,113
15–19	1,353	14.9	29,031	19.9	7,716	85.1	117,156	80.1	9,069	95.7	146,187	95.9	402	4.2	6,252	4.1	9,474	152,436
20–24	1,104	10.7	20,337	16.0	9,192	89.3	107,127	84.0	10,296	94.6	127,464	94.4	588	5.4	7,623	5.6	10,881	135,087
25–29	978	10.4	17,577	15.9	8,397	89.6	92,970	84.1	9,375	95.2	110,547	94.3	471	4.8	6,669	5.7	9,846	117,216
30–34	981	10.1	18,075	14.5	8,730	89.9	106,272	85.5	9,711	95.4	124,347	95.0	471	4.6	6,540	5.0	10,182	130,884
35–39	921	9.2	17,808	13.1	9,096	90.8	118,554	86.9	10,017	95.8	136,362	95.4	441	4.2	6,639	4.6	10,458	143,001
40–44	828	8.4	17,367	12.0	9,069	91.6	126,945	88.0	9,897	96.2	144,312	95.6	387	3.8	6,588	4.4	10,284	150,900
45–49	636	7.3	14,979	10.9	8,067	92.7	122,079	89.1	8,703	96.6	137,058	95.8	306	3.4	5,994	4.2	9,009	143,055
50–54	507	7.0	11,595	9.7	6,765	93.0	107,670	90.3	7,272	96.4	119,265	95.9	270	3.6	5,046	4.1	7,542	124,308
55–59	387	5.7	8,868	8.0	6,372	94.3	101,742	92.0	6,759	96.2	110,610	96.0	264	3.8	4,614	4.0	7,023	115,224
60–64	240	4.9	6,096	7.2	4,680	95.1	78,822	92.8	4,920	96.6	84,918	96.1	171	3.4	3,420	3.9	5,091	88,335
65–69	210	5.4	4,848	7.0	3,699	94.6	64,494	93.0	3,909	96.1	69,342	96.2	159	3.9	2,769	3.8	4,068	72,114
70–74	99	3.3	3,039	5.7	2,889	96.7	50,718	94.3	2,988	96.4	53,757	96.2	111	3.6	2,121	3.8	3,099	55,878
75–79	39	1.6	1,620	3.6	2,361	98.4	42,957	96.4	2,400	96.3	44,577	96.2	93	3.7	1,782	3.8	2,493	46,359
80–84	15	0.9	693	2.5	1,584	99.1	27,219	97.5	1,599	96.4	27,912	95.8	57	3.4	1,212	4.2	1,659	29,124
85 and over	6	0.6	279	1.7	981	99.4	16,599	98.3	987	95.6	16,878	95.5	48	4.7	789	4.5	1,032	17,667
Total	12,669	10.3	274,860	14.6	110,772	89.7	1,606,098	85.4	123,441	96.0	1,880,958	95.7	5,082	4.0	84,660	4.3	128,523	1,965,621

All figures are for the census usually resident population.

* Percentages are calculated using 'Total People Stated' as the denominator. These will add up to >100 where individuals have identified as belonging to more than one ethnic group.

***Percentage for 'Total People Stated' and 'Total People not Included Elsewhere' uses 'Total Population' as the Denominator

***Total People not included elsewhere refers to all those who did not state an ethnicity

Table 1.4.6: Total Population by Ethnicity (2006 Census)

Age Group (years)	Māori				Non Māori				Total people stated**				Total people, not elsewhere included***				Total people	
	Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast		New Zealand		Capital and Coast	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0–4	3,003	17.8	66,426	25.2	13,914	82.2	197,250	74.8	16,917	96.5	263,676	95.9	606	3.5	11,400	4.1	17,523	275,079
5–9	2,826	17.2	66,774	24.2	13,587	82.8	208,806	75.8	16,413	96.8	275,580	96.2	540	3.2	10,908	3.8	16,956	286,488
10–14	2,754	16.3	66,726	22.6	14,100	83.7	228,030	77.4	16,854	96.7	294,756	96.3	582	3.3	11,253	3.7	17,436	306,009
15–19	2,775	14.9	58,533	20.3	15,894	85.1	229,521	79.7	18,669	96.0	288,054	96.0	768	4.0	12,144	4.0	19,437	300,198
20–24	2,451	11.2	42,771	16.7	19,350	88.8	213,735	83.3	21,801	95.1	256,506	94.7	1,119	4.9	14,472	5.3	22,923	270,978
25–29	2,127	11.0	38,106	16.6	17,133	89.0	191,577	83.4	19,260	95.3	229,683	94.7	957	4.7	12,759	5.3	20,220	242,442
30–34	2,181	10.5	39,459	14.9	18,624	89.5	224,562	85.1	20,805	95.7	264,021	95.5	924	4.3	12,540	4.5	21,729	276,561
35–39	1,995	9.4	38,598	13.4	19,176	90.6	250,104	86.6	21,171	96.2	288,702	95.7	825	3.8	12,852	4.3	21,996	301,554
40–44	1,776	8.6	37,272	12.4	18,807	91.4	263,718	87.6	20,583	96.4	300,990	95.9	759	3.6	12,708	4.1	21,342	313,698
45–49	1,422	7.9	31,908	11.3	16,497	92.1	249,612	88.7	17,919	96.5	281,520	95.9	651	3.5	11,901	4.1	18,570	293,421
50–54	1,056	7.0	24,192	10.0	14,061	93.0	218,496	90.0	15,117	96.6	242,688	96.0	540	3.4	10,044	4.0	15,654	252,732
55–59	801	5.8	18,630	8.3	12,960	94.2	205,779	91.7	13,761	96.4	224,409	96.1	513	3.6	9,162	3.9	14,274	233,574
60–64	525	5.2	12,816	7.4	9,594	94.8	159,975	92.6	10,119	96.5	172,791	96.2	366	3.5	6,825	3.8	10,485	179,616
65–69	408	5.0	10,158	7.1	7,830	95.0	132,741	92.9	8,238	96.5	142,899	96.2	297	3.5	5,646	3.8	8,535	148,548
70–74	210	3.3	6,510	5.8	6,111	96.7	106,086	94.2	6,321	96.2	112,596	96.3	249	3.8	4,338	3.7	6,570	116,934
75–79	108	2.0	3,807	3.9	5,247	98.0	93,567	96.1	5,355	96.3	97,374	96.2	207	3.7	3,840	3.8	5,559	101,214
80–84	57	1.4	1,764	2.5	3,933	98.6	67,659	97.5	3,990	96.6	69,423	96.1	141	3.4	2,814	3.9	4,131	72,240
85 and over	27	0.8	888	1.6	3,165	99.2	53,604	98.4	3,192	96.5	54,492	96.2	117	3.5	2,178	3.8	3,309	56,670
Total	26,496	10.3	565,326	14.6	229,989	89.7	3,294,837	85.4	256,485	96.2	3,860,163	95.8	10,173	3.8	167,784	4.2	266,658	4,027,947

All figures are for the census usually resident population.

* Percentages are calculated using 'Total People Stated' as the denominator. These will add up to >100 where individuals have identified as belonging to more than one ethnic group.

**Percentage for 'Total People Stated' and 'Total People not Included Elsewhere' uses 'Total Population' as the Denominator

***Total People not included elsewhere refers to all those who did not state an ethnicity

Table 1.4.7: Population Distribution by Birthplace (2006 Census)

		Birthplace										
Location	Unit	New Zealand	Australia(1)	Pacific Islands(2)	United Kingdom and Ireland	Europe (excluding UK and Ireland)	North America	Asia	Other	Total Overseas	Not elsewhere included(3)	Total
Capital and Coast	Number	188,418	4,593	9,642	21,564	6,273	2,856	16,446	5,913	67,290	10,950	266,658
	Percentage	70.7	1.7	3.6	8.1	2.4	1.1	6.2	2.2	25.2	4.1	
New Zealand	Number	2,960,217	62,742	135,852	251,688	68,067	26,940	251,130	83,121	879,546	188,187	4,027,947
	Percentage	73.5	1.6	3.4	6.2	1.7	0.7	6.2	2.1	21.8	4.7	

All figures are for the census usually resident population.

(1) Includes Australian Territories.

(2) Includes Melanesia, Micronesia and Polynesia. (3)

includes Inadequately Described and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.1: Legal Marital Status (2006 Census)

		Legal Marital Status						
Location	Unit	Never married and never joined in a civil union	Married (not separated)	Separated(2)	Divorced	Widowed or bereaved civil union partner	Not elsewhere included(3)	Total
Capital and Coast	Number	82,590	87,210	6,459	14,145	9,648	14,694	214,743
	Percentage	38.5	40.6	3.0	6.6	4.5	6.8	
New Zealand	Number	991,323	1,414,533	108,225	222,138	174,813	249,336	3,160,371
	Percentage	31.4	44.8	3.4	7.0	5.5	7.9	

(1) All figures are for the census usually resident population aged 15 years and over.

(2) Includes people who are still legally married but permanently separated. This also applies to civil unions.

(3) Includes Joined in a Civil Union (Not Separated), Response Unidentifiable and Not Stated. For further

Note: This data has been randomly rounded to protect confidentiality. Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.2: Social Marital Status (2006 Census)

		Social Marital Status											
		Partnered				Non-partnered							
Location	Unit	Partnered, not further defined ⁽²⁾	Spouse ⁽³⁾	Other partnership ⁽⁴⁾	Total partnered	Non-partnered, not further defined	Non-partnered, never married and never joined in a civil union	Non-partnered, separated ⁽⁵⁾	Non-partnered, divorced	Non-partnered, widowed or bereaved civil union partner	Total non-partnered	Not stated	Total
Capital and Coast	Number	2,745	85,323	30,222	118,293	4,881	57,570	4,806	8,691	8,403	84,345	12,108	214,743
	Percentage	2.3	72.1	25.5	58.4	5.8	68.3	5.7	10.3	10.0	41.6		
New Zealand	Number	48,177	1,381,293	379,956	1,809,426	86,733	693,597	78,960	137,205	147,381	1,143,873	207,075	3,160,371
	Percentage	2.7	76.3	21.0	61.3*	7.6	60.6	6.9	12.0	12.9	38.7*		

* % of total - 'not stated'

(1) All figures are for the census usually resident population aged 15 years and over.

(2) Includes Partnered, Not Further Defined and Civil Union Partner. For further information, refer to the social marital status variable on the 2006 Census Information About Data web page: <http://www.stats.govt.nz/census/>.

(3) Applies only to married people, not those in civil unions.

(4) Living as Married: ie in a consensual union, de facto relationship etc.

(5) Includes people who are still legally married but permanently separated. Includes civil unions.

Note: This data has been randomly rounded to protect confidentiality. Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.3: Family Type (2006 Census)

		Family Type			
Location	Unit	Couple without children	Couple with child(ren)	One parent with child(ren)	Total
Capital and Coast	Number	28,101	28,821	11,283	68,205
	Percentage	41.2	42.3	16.5	
New Zealand	Number	425,973	447,894	193,635	1,067,502
	Percentage	39.9	42.0	18.1	

(1) All figures are for families in private occupied dwellings.

Note: This data has been randomly rounded to protect confidentiality. Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.4: Household Composition (2006 Census)

		Household composition						
Location	Unit	One-family household (with or without other people)	Two-family household (with or without other people)	Three-or-more family household (with or without other people)	Other multiperson household	One-person household	Household composition unidentifiable	Total
Capital and Coast	Number	63,750	2,052	111	7,560	23,772	1,833	99,075
	Percentage	64.3	2.1	0.1	7.6	24.0	1.9	
New Zealand	Number	985,542	37,083	2,526	72,657	328,299	28,065	1,454,175
	Percentage	67.8	2.6	0.2	5.0	22.6	1.9	

(1) All figures are for households in private occupied dwellings.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.5: Number of Languages Spoken (2006 Census)

		Number of Languages Spoken								
Location	Unit	None	One	Two	Three	Four	Five	Six	Not elsewhere included(2)	Total
Capital and Coast	Number	5,247	196,347	43,464	7,719	1,728	483	150	11,520	266,658
	Percentage	2.0	73.6	16.3	2.9	0.6	0.2	0.1	4.3	
New Zealand	Number	75,198	3,083,904	562,446	83,400	19,281	5,055	1,476	197,190	4,027,947
	Percentage	1.9	76.6	14.0	2.1	0.5	0.1	0.0	4.9	

(1) All figures are for the census usually resident population.

(2) Includes Response Unidentifiable, Response Outside Scope and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.6: Number of children born by age group of mother (2006 Census)

Location	Unit	Age Group (Years) of Mother									
		15–19		20–24		25–29		30–34		35–39	
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Capital and Coast	No children	8,895	20.8	9,831	23.0	7,029	16.4	5,253	12.3	3,189	7.5
	One child	177	1.4	741	6.0	1,242	10.1	2,271	18.5	1,998	16.3
	Two children	18	0.1	258	1.1	723	3.1	1,995	8.7	3,315	14.4
	Three children	3	0.0	57	0.4	261	1.8	642	4.5	1,449	10.1
	Four children	3	0.0	9	0.1	93	1.5	276	4.5	459	7.4
	Five children	-	-	3	0.1	18	0.8	72	3.1	150	6.4
	Six or more children	-	-	6	0.3	15	0.8	51	2.7	87	4.5
	Object to answering	138	5.1	216	7.9	201	7.4	261	9.6	306	11.2
	Not elsewhere included(2)	729	10.3	912	12.8	792	11.2	720	10.1	588	8.3
	Total	9,966	8.9	12,039	10.7	10,371	9.2	11,547	10.3	11,538	10.2
New Zealand	No children	127,560	27.7	97,428	21.1	65,100	14.1	46,014	10.0	28,836	6.3
	One child	4,182	2.4	15,777	8.9	21,531	12.2	29,202	16.5	25,065	14.1
	Two children	609	0.2	6,396	1.7	16,230	4.3	34,215	9.1	50,463	13.5
	Three children	69	0.0	1,581	0.6	6,543	2.6	14,490	5.7	24,834	9.8
	Four children	24	0.0	360	0.3	2,202	1.8	5,445	4.5	9,258	7.6
	Five children	9	0.0	72	0.1	717	1.5	1,989	4.0	3,504	7.1
	Six or more children	36	0.1	72	0.2	348	0.8	1,266	3.0	2,613	6.1
	Object to answering	2,190	4.8	2,376	5.2	2,538	5.6	3,570	7.8	4,446	9.7
	Not elsewhere included(2)	13,083	11.4	11,832	10.3	10,017	8.8	9,486	8.3	9,534	8.3
	Total	147,762	9.0	135,891	8.3	125,226	7.6	145,674	8.9	158,550	9.7

Location	Unit	Age Group (Years) of Mother									
		40–44		45–49		50–54		55–59		60–64	
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Capital and Coast	No children	2,232	5.2	1,701	4.0	1,203	2.8	903	2.1	627	1.5
	One child	1,521	12.4	1,158	9.4	882	7.2	690	5.6	393	3.2
	Two children	3,531	15.4	3,060	13.3	2,577	11.2	2,367	10.3	1,545	6.7
	Three children	1,947	13.6	1,776	12.4	1,767	12.4	1,656	11.6	1,314	9.2
	Four children	621	10.0	711	11.5	669	10.8	660	10.7	621	10.0
	Five children	198	8.4	231	9.8	216	9.2	237	10.1	228	9.7
	Six or more children	132	6.9	153	8.0	147	7.7	135	7.0	183	9.5
	Object to answering	327	12.0	255	9.4	252	9.2	219	8.0	171	6.3
	Not elsewhere included(2)	555	7.8	513	7.2	399	5.6	384	5.4	309	4.4
	Total	11,061	9.8	9,561	8.5	8,112	7.2	7,251	6.4	5,394	4.8
New Zealand	No children	22,218	4.8	18,129	3.9	13,647	3.0	10,785	2.3	7,362	1.6
	One child	20,712	11.7	16,119	9.1	11,901	6.7	9,288	5.2	5,697	3.2
	Two children	53,691	14.4	48,369	12.9	41,979	11.2	38,571	10.3	26,340	7.0
	Three children	31,185	12.3	32,211	12.7	29,451	11.6	28,899	11.4	23,145	9.1
	Four children	12,384	10.2	13,512	11.1	12,261	10.1	12,141	10.0	11,604	9.6
	Five children	4,569	9.3	4,647	9.4	4,116	8.4	4,221	8.6	4,431	9.0
	Six or more children	3,381	7.9	3,360	7.9	2,871	6.7	2,910	6.8	3,738	8.8
	Object to answering	5,157	11.3	5,001	10.9	4,458	9.8	4,476	9.8	3,351	7.3
	Not elsewhere included(2)	9,495	8.3	9,021	7.9	7,734	6.8	7,056	6.2	5,613	4.9
	Total	162,798	9.9	150,369	9.2	128,421	7.8	118,347	7.2	91,278	5.6

		Age Group (Years) of Mother										
Location	Unit	65–69		70–74		75–79		80–84		85 and over		Total
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number
Capital and Coast	No children	450	1.1	399	0.9	378	0.9	318	0.7	330	0.8	42,741
	One child	282	2.3	237	1.9	228	1.9	192	1.6	276	2.2	12,288
	Two children	1,137	4.9	732	3.2	618	2.7	561	2.4	546	2.4	22,980
	Three children	1,116	7.8	762	5.3	681	4.8	501	3.5	372	2.6	14,304
	Four children	645	10.4	474	7.7	420	6.8	288	4.7	246	4.0	6,189
	Five children	237	10.1	267	11.3	228	9.7	159	6.8	108	4.6	2,355
	Six or more children	225	11.7	282	14.7	240	12.5	177	9.2	81	4.2	1,917
	Object to answering	120	4.4	84	3.1	63	2.3	66	2.4	48	1.8	2,727
	Not elsewhere included(2)	255	3.6	237	3.3	216	3.0	213	3.0	273	3.8	7,101
	Total	4,470	4.0	3,474	3.1	3,069	2.7	2,475	2.2	2,277	2.0	112,602
New Zealand	No children	5,661	1.2	4,662	1.0	4,872	1.1	4,347	0.9	4,590	1.0	461,217
	One child	4,038	2.3	3,216	1.8	3,297	1.9	3,252	1.8	3,861	2.2	177,138
	Two children	17,883	4.8	11,928	3.2	10,374	2.8	8,787	2.3	8,169	2.2	373,998
	Three children	19,230	7.6	13,953	5.5	11,799	4.7	8,847	3.5	7,053	2.8	253,290
	Four children	12,048	9.9	10,335	8.5	8,883	7.3	6,072	5.0	4,707	3.9	121,236
	Five children	5,169	10.5	5,403	11.0	4,671	9.5	3,294	6.7	2,385	4.8	49,188
	Six or more children	4,914	11.5	5,580	13.1	5,364	12.6	3,615	8.5	2,529	5.9	42,594
	Object to answering	2,541	5.6	1,869	4.1	1,542	3.4	1,161	2.5	1,044	2.3	45,717
	Not elsewhere included(2)	4,947	4.3	4,116	3.6	4,056	3.5	3,744	3.3	4,668	4.1	114,399
	Total	76,434	4.7	61,056	3.7	54,858	3.3	43,113	2.6	39,000	2.4	1,638,783

(1) All figures are for the female census usually resident population aged 15 years and over.

(2) Includes Response Unidentifiable and Not Stated.

C= Confidential

Table 1.5.7: Individuals engaged in unpaid activities: Male (2006 Census)

		Unpaid Activity: Male									
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking after a child who is a member of own household	Looking after a member of own household who is ill or has a disability	Looking after a child who does not live in own household	Helping someone who is ill or has a disability who does not live in own household	Other helping or voluntary work for or through any organisation, group or marae	Total people stated	Total people, not elsewhere included(3)	Total people
Capital and Coast	Number	10,755	80,247	25,038	5,649	10,620	5,904	13,854	93,357	8,784	102,144
	Percentage	10.5	78.6	24.5	5.5	10.4	5.8	13.6			
New Zealand	Number	196,767	1,122,597	372,858	86,427	155,106	88,233	188,835	1,362,123	159,465	1,521,591
	Percentage	12.9	73.8	24.5	5.7	10.2	5.8	12.4			

(1) All figures are for the census usually resident population aged 15 years and over

(2) Includes all of the people who stated each unpaid activity, whether as their only unpaid activity or as one of several unpaid activities. Where a person reported more than one unpaid activity, they have been counted in each applicable group.

(3) Includes Response Unidentifiable and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.8: Individuals engaged in unpaid activities: Female (2006 Census)

		Unpaid Activity: Female									
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking after a child who is a member of own household	Looking after a member of own household who is ill or has a disability	Looking after a child who does not live in own household	Helping someone who is ill or has a disability who does not live in own household	Other helping or voluntary work for or through any organisation, group or marae	Total people stated	Total people, not elsewhere included(3)	Total people
Capital and Coast	Number	7,452	94,173	33,444	8,238	20,097	11,235	18,324	103,572	9,030	112,602
	Percentage	6.6	83.6	29.7	7.3	17.8	10.0	16.3			
New Zealand	Number	124,485	1,324,236	525,054	134,799	305,037	170,472	248,406	1,480,929	157,854	1,638,783
	Percentage	7.6	80.8	32.0	8.2	18.6	10.4	15.2			

(1) All figures are for the census usually resident population aged 15 years and over

(2) Includes all of the people who stated each unpaid activity, whether as their only unpaid activity or as one of several unpaid activities. Where a person reported more than one unpaid activity, they have been counted in each applicable group.

(3) Includes Response Unidentifiable and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.5.9: Individuals engaged in unpaid activities: Total (2006 Census)

		Unpaid Activity: Total									
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking after a child who is a member of own household	Looking after a member of own household who is ill or has a disability	Looking after a child who does not live in own household	Helping someone who is ill or has a disability who does not live in own household	Other helping or voluntary work for or through any organisation, group or marae	Total people stated	Total people, not elsewhere included(3)	Total people
Capital and Coast	Number	18,207	174,420	58,482	13,887	30,717	17,142	32,178	196,929	17,814	214,743
	Percentage	8.5	81.2	27.2	6.5	14.3	8.0	15.0			
New Zealand	Number	321,252	2,446,833	897,915	221,226	460,143	258,705	437,241	2,843,052	317,319	3,160,374
	Percentage	10.2	77.4	28.4	7.0	14.6	8.2	13.8			

(1) All figures are for the census usually resident population aged 15 years and over

(2) Includes all of the people who stated each unpaid activity, whether as their only unpaid activity or as one of several unpaid activities. Where a person reported more than one unpaid activity, they have been counted in each applicable group.

(3) Includes Response Unidentifiable and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.1: Highest Qualification Gained (2006 Census)

Location	Unit	Highest qualification						
		No qualification	Level 1 certificate gained at school	Level 2 certificate gained at school	Level 3 or 4 certificate gained at school	Overseas secondary school qualification	Level 1, 2 or 3 certificate gained post- school	Level 4 certificate gained post-school
Capital and Coast	Number	30,186	19,620	18,348	16,977	11,760	8,361	15,672
	Percentage	14.1	9.1	8.5	7.9	5.5	3.9	7.3
New Zealand	Number	708,432	386,073	263,850	170,055	172,590	128,619	286,599
	Percentage	22.4	12.2	8.3	5.4	5.5	4.1	9.1

Location	Unit	Highest qualification							
		Level 5 diploma	Level 6 diploma	Bachelor degree and level 7 qualifications	Post-graduate and honours degree	Masters degree	Doctorate degree	Not elsewhere included(3)	Total
Capital and Coast	Number	7,866	11,439	37,821	8,247	8,898	2,322	17,232	214,743
	Percentage	3.7	5.3	17.6	3.8	4.1	1.1	8.0	
New Zealand	Number	110,496	157,869	315,846	55,458	59,703	16,770	328,014	3,160,371
	Percentage	3.5	5.0	10.0	1.8	1.9	0.5	10.4	

(1) All figures are for the census usually resident population aged 15 years and over.

(2) In 2006, Highest Qualification data has been output in two different ways. The categories in this table show Highest Qualification in a way that can be compared with data from previous census.

(3) Includes Highest Qualification Unidentifiable and Not Stated.

Note: This data has been randomly rounded to protect confidentiality. Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.2: Total Personal Income (2006 Census)

Location	Unit	Total personal income							
		Loss	Zero income	\$1–\$5,000	\$5,001– \$10,000	\$10,001– \$15,000	\$15,001– \$20,000	\$20,001– \$25,000	\$25,001– \$30,000
Capital and Coast	Number	765	8,742	15,204	14,469	19,554	14,988	12,672	12,624
	Percentage	0.4	4.1	7.1	6.7	9.1	7.0	5.9	5.9
New Zealand	Number	17,355	145,053	221,166	226,797	355,899	260,082	219,657	215,301
	Percentage	0.5	4.6	7.0	7.2	11.3	8.2	7.0	6.8

Location	Unit	Total personal income							
		\$30,001– \$35,000	\$35,001– \$40,000	\$40,001– \$50,000	\$50,001– \$70,000	\$70,001– \$100,000	\$100,001 or more	Not stated	Total
Capital and Coast	Number	12,213	13,452	19,320	23,919	14,907	14,220	17,697	214,743
	Percentage	5.7	6.3	9.0	11.1	6.9	6.6	8.2	
New Zealand	Number	201,300	202,770	262,299	281,157	125,118	105,525	320,892	3,160,371
	Percentage	6.4	6.4	8.3	8.9	4.0	3.3	10.2	

(1) All figures are for the census usually resident population aged 15 years and over.

(2) Total personal income relates to the 12 months ending 31 March 2006.

Note: This data has been randomly rounded to protect confidentiality. Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.3: Sources of Personal Income (2006 Census)

Sources of Personal Income								
Location	Unit	No source of income during that time	Wages, salary, commissions, bonuses etc	Self-employment or business	Interest, dividends, rent, other investments	Payments from a work accident insurer	NZ Superannuation or veterans pension	Other Superannuation, pensions, annuities
Capital and Coast	Number	10,494	134,118	31,749	59,991	2,217	25,011	8,271
	Percentage	4.9	62.5	14.8	27.9	1.0	11.6	3.9
New Zealand	Number	175,680	1,775,343	492,024	714,732	45,114	439,686	83,265
	Percentage	5.6	56.2	15.6	22.6	1.4	13.9	2.6

Sources of Personal Income										
Location	Unit	Unemployment benefit	Sickness benefit	Domestic purposes benefit	Invalids benefit	Student allowance	Other government benefits, payments or pension	Other sources of income	Not stated	Total
Capital and Coast	Number	7,833	3,594	4,551	3,621	6,195	6,054	6,438	11,559	214,743
	Percentage	3.6	1.7	2.1	1.7	2.9	2.8	3.0	5.4	
New Zealand	Number	92,169	70,554	93,090	75,357	64,284	96,357	66,411	198,135	3,160,371
	Percentage	2.9	2.2	2.9	2.4	2.0	3.0	2.1	6.3	

(1) All figures are for the census usually resident population aged 15 years and over.

(2) Sources of personal income relates to the 12 months ending 7 March 2006.

(3) Includes all of the people who stated each source of personal income, whether as their only source of personal income or as one of several sources of personal income.

Where a person reported more than one source of personal income, they have been counted in each applicable group.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.4: Work and Labour Force Status (2006 Census)

Work and Labour Force Status (2006 Census)									
Location	Unit	Employed full time	Employed part time	Total employed	Unemployed	Total labour force	Not in the labour force	Work and labour force status unidentifiable	Total
Capital and Coast	Number	111,609	30,654	142,263	7,737	150,003	57,828	6,915	214,743
	Percentage	78.5	21.5	94.8	5.2	69.9	26.9	3.2	
New Zealand	Number	1,531,020	454,758	1,985,775	106,497	2,092,275	961,788	106,311	3,160,371
	Percentage	77.1	22.9	94.9	5.1	66.2	30.4	3.4	

(1) All figures are for the census usually resident population aged 15 years and over.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.5: Occupation - ANZSCO V1.0 Major Group (2006 Census)

Location	Unit	Occupation (ANZSCO)									Total
		Managers	Professionals	Technicians and trades workers	Community and personal service workers	Clerical and administrative workers	Sales workers	Machinery operators and drivers	Labourers	Not elsewhere included(3)	
Capital and Coast	Number	23,520	43,191	13,305	10,863	20,046	12,786	4,137	8,001	6,411	142,266
	Percentage	16.5	30.4	9.4	7.6	14.1	9.0	2.9	5.6	4.5	
New Zealand	Number	340,530	374,328	241,857	156,468	240,813	186,057	114,324	218,991	112,404	1,985,775
	Percentage	17.1	18.9	12.2	7.9	12.1	9.4	5.8	11.0	5.7	

(1) All figures are for the employed census usually resident population aged 15 years and over.

(2) Australian and New Zealand Standard Classification of Occupations (ANZSCO V1.0).

(3) Includes Response Unidentifiable, Response Outside Scope and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.6: Access to Telecommunications (2006 Census)

Location	Unit	Type of Telecommunication							
		Access to a cellphone / mobile phone	Access to a telephone	Access to a fax machine	Access to the Internet	No access to telecommunication systems	Total households stated	Total households, not elsewhere included(3)	Total households
Capital and Coast	Number	74,145	89,325	20,193	65,958	1,338	95,202	3,876	99,078
	Percentage	74.8	90.2	20.4	66.6	1.4	96.1	3.9	
New Zealand	Number	1,034,529	1,277,325	362,040	843,738	28,407	1,393,707	60,468	1,454,175
	Percentage	71.1	87.8	24.9	58.0	2.0	95.8	4.2	

(1) All figures are for households in private occupied dwellings.

(2) Households reporting more than one means of access to telecommunication systems have been counted in each stated category. Therefore the total number of responses in the table will be greater than the total number of households.

(3) Includes Response Unidentifiable and Not Stated.

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.7: Number of Motor Vehicles per Household (2006 Census)

Location	Unit	Number of Motor Vehicles					Total
		No motor vehicle	One motor vehicle	Two motor vehicles	Three or more motor vehicles	Not elsewhere included(2)	
Capital and Coast	Number	12,123	42,903	30,675	9,531	3,849	99,075
	Percentage	12.2	43.3	31.0	9.6	3.9	
New Zealand	Number	112,758	527,844	531,627	222,204	59,745	1,454,175
	Percentage	7.8	36.3	36.6	15.3	4.1	

(1) All figures are for households in private occupied dwellings.

(2) Includes Response Unidentifiable and Not Stated.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Table 1.6.8: Housing Tenure (2006 Census)

		Housing Tenure			
		Dwelling owned or partly owned by usual resident(s)			
Location	Unit	Mortgage arrangements not further defined	Mortgage payments made by owner/ usual resident(s)	Mortgage payments not made by owner/ usual resident(s)	Total, dwelling owned or partly owned by usual resident(s)
Capital and Coast	Number	1,401	27,210	20,439	49,050
	Percentage	2.9	55.5	41.7	
New Zealand	Number	26,529	405,267	312,162	743,955
	Percentage	3.6	54.5	42.0	

		Housing Tenure			
		Dwelling not owned by usual resident(s)			
Location	Unit	Rental arrangements not further defined	Rent payments made by usual residents	Rent payments not made by usual residents	Total, dwelling not owned or partly owned by usual resident(s)
Capital and Coast	Number	312	31,206	2,682	34,200
	Percentage	0.9	91.2	7.8	
New Zealand	Number	6,315	388,275	57,378	451,965
	Percentage	1.4	85.9	12.7	

		Housing Tenure					
		Dwelling held in a family trust by usual resident(s) ⁽²⁾				Not elsewhere included ⁽³⁾	Total
Location	Unit	Mortgage arrangements not further defined	Mortgage payments made by usual residents	Mortgage payments not made by usual residents	Total, dwelling held in a family trust by usual resident(s)		
Capital and Coast	Number	774	4,590	4,914	10,278	5,550	99,078
	Percentage	7.5	44.7	47.8			
New Zealand	Number	13,386	72,828	81,711	167,925	90,333	
	Percentage	8.0	43.4	48.7			

(1) 'Tenure of household' refers to the nature of the occupancy of a household in a private dwelling, at the time of the survey. It does not refer to the tenure of the land on which the dwelling is situated.

(2) Information on family trusts was first collected in 2006.

(3) Includes Response Unidentifiable and Not Stated

Note: This data has been randomly rounded to protect confidentiality.

Individual figures may not add up to totals, and values for the same data may vary in different tables.

Appendix 2

Mortality Tables (2006-2008)

NOTE A: Counts less than 5 have ASR's presented as "0.0" or "#N/A"

NOTE B: There are two comparisons being made in the following tables

1. Māori Age-Standardised Rate against non-Māori Age-Standardised Rate
within the District Health Board:

Māori ASR statistically significantly higher than non-Māori ASR within DHB

Māori ASR statistically significantly lower than non-Māori ASR within DHB

2. District Health Board Age-Standardised Rate
against New Zealand Age-Standardised Rate:

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Key:

DHB = District Health Board

ASR = Age-Standardised Rate

Table 2.1.1: Avoidable mortality, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	190.5	-16.2 - 397.3	66.5	28.0 - 105.0	75.6	36.8 - 114.4
	Male	206.6	-18.2 - 431.5	106.6	57.6 - 155.6	114.0	66.1 - 161.9
	Total	197.6	46.0 - 349.2	85.9	55.0 - 116.9	94.2	63.5 - 124.9
New Zealand	Female	214.6	168.7 - 260.5	74.2	63.5 - 84.8	88.9	78.2 - 99.6
	Male	308.9	251.4 - 366.5	122.9	109.1 - 136.7	142.4	128.6 - 156.1
	Total	259.8	223.3 - 296.3	98.1	89.4 - 106.8	115.1	106.4 - 123.8

Table 2.1.2: All cardiovascular disease mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	76.5	-55.6 - 208.5	35.0	18.3 - 51.8	36.6	19.9 - 53.3
	Male	119.1	-66.2 - 304.3	62.3	36.4 - 88.3	66.0	39.3 - 92.6
	Total	97.8	-14.4 - 210.0	47.6	32.5 - 62.7	50.2	34.8 - 65.6
New Zealand	Female	91.0	62.8 - 119.2	35.5	31.1 - 39.9	39.9	35.3 - 44.5
	Male	154.4	113.5 - 195.3	61.8	55.2 - 68.5	69.5	62.5 - 76.4
	Total	120.9	96.7 - 145.1	48.0	44.1 - 51.9	54.0	49.9 - 58.1

Table 2.1.3: Ischaemic heart disease mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	126.1	12.3 - 239.9	35.3	24.9 - 45.6	39.1	28.0 - 50.1
	Male	163.3	13.5 - 313.1	82.7	62.5 - 102.8	86.2	66.1 - 106.4
	Total	143.5	51.9 - 235.2	57.1	46.1 - 68.1	60.7	49.6 - 71.9
New Zealand	Female	100.9	81.1 - 120.8	35.4	32.8 - 38.1	40.3	37.4 - 43.1
	Male	215.7	183.2 - 248.1	83.4	78.2 - 88.5	93.7	88.4 - 99.1
	Total	154.3	136.0 - 172.6	58.0	55.2 - 60.8	65.5	62.5 - 68.4

Table 2.1.4: Stroke mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	27.5	-25.1 - 80.0	23.1	13.5 - 32.7	23.1	13.9 - 32.4
	Male	0.0	0.0 - 0.0	25.1	14.8 - 35.4	24.8	14.8 - 34.9
	Total	21.7	-14.6 - 58.0	24.0	17.0 - 31.0	23.9	17.2 - 30.6
New Zealand	Female	42.1	29.2 - 54.9	23.6	21.3 - 25.9	25.3	22.9 - 27.6
	Male	36.6	23.1 - 50.1	24.6	22.0 - 27.2	25.9	23.3 - 28.5
	Total	40.1	30.7 - 49.4	24.3	22.6 - 26.0	25.8	24.0 - 27.5

Table 2.1.5: All cancer mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	76.7	-52.2 - 205.7	53.3	25.2 - 81.4	55.0	27.9 - 82.1
	Male	69.4	-70.1 - 209.0	60.9	32.9 - 88.9	61.5	34.2 - 88.8
	Total	71.6	-20.1 - 163.4	56.5	36.8 - 76.3	57.7	38.6 - 76.8
New Zealand	Female	110.5	78.4 - 142.6	55.1	47.9 - 62.3	59.9	52.8 - 67.0
	Male	113.3	78.5 - 148.0	67.9	60.2 - 75.5	71.6	64.1 - 79.1
	Total	111.3	87.9 - 134.7	60.7	55.4 - 65.9	65.0	59.8 - 70.1

Table 2.1.6: Lung cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	40.1	-22.5 - 102.7	19.0	8.5 - 29.5	20.6	9.9 - 31.2
	Male	41.7	-28.0 - 111.5	23.6	12.4 - 34.9	24.8	13.5 - 36.1
	Total	40.1	-5.6 - 85.9	21.1	13.4 - 28.7	22.4	14.7 - 30.2
New Zealand	Female	83.7	65.1 - 102.4	18.9	16.3 - 21.4	24.0	21.2 - 26.8
	Male	75.5	56.6 - 94.4	27.0	24.0 - 30.0	30.6	27.5 - 33.7
	Total	79.7	66.5 - 93.0	22.6	20.6 - 24.5	26.9	24.9 - 29.0

Table 2.1.7: Female breast cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	56.9	-17.1 - 130.9	19.0	8.2 - 29.8	21.6	10.3 - 33.0
New Zealand	Female	42.9	29.4 - 56.4	24.1	20.8 - 27.5	25.9	22.6 - 29.1

Table 2.1.8: Prostate cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Male	0.0	0.0 - 0.0	13.5	5.8 - 21.1	13.0	5.7 - 20.4
New Zealand	Male	24.6	13.5 - 35.8	15.5	13.6 - 17.5	16.0	14.1 - 18.0

Table 2.1.9: Cervical cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	1.5	-1.3 - 4.3	1.7	-1.2 - 4.7
New Zealand	Female	6.6	1.2 - 12.0	2.2	1.1 - 3.3	2.6	1.5 - 3.7

Table 2.1.10: Colorectal cancer mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	14.5	6.1 - 22.8	14.3	6.2 - 22.4
	Male	0.0	0.0 - 0.0	19.1	8.7 - 29.5	18.6	8.7 - 28.4
	Total	0.0	0.0 - 0.0	16.7	10.1 - 23.3	16.3	10.0 - 22.6
New Zealand	Female	14.6	6.9 - 22.3	17.2	14.7 - 19.6	17.0	14.7 - 19.3
	Male	21.9	11.7 - 32.2	22.3	19.5 - 25.1	22.3	19.6 - 25.0
	Total	18.1	11.8 - 24.4	19.6	17.7 - 21.4	19.5	17.7 - 21.2

Table 2.1.11: Melanoma mortality, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	3.3	-1.5 - 8.1	3.1	-1.3 - 7.5
	Male	0.0	0.0 - 0.0	8.1	1.2 - 15.1	8.0	1.3 - 14.6
	Total	0.0	0.0 - 0.0	5.5	1.4 - 9.6	5.3	1.4 - 9.2
New Zealand	Female	2.0	-0.8 - 4.8	4.7	3.3 - 6.0	4.4	3.1 - 5.7
	Male	2.4	-1.0 - 5.7	10.2	8.1 - 12.3	9.7	7.7 - 11.6
	Total	2.2	0.0 - 4.4	7.3	6.0 - 8.5	6.8	5.7 - 8.0

Table 2.1.12: Unintentional injury mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	5.7	-6.2 - 17.7	5.6	-5.2 - 16.3
	Male	19.4	-47.7 - 86.5	16.5	-4.5 - 37.6	16.8	-3.2 - 36.8
	Total	11.4	-24.3 - 47.2	10.9	-1.0 - 22.8	11.0	-0.2 - 22.1
New Zealand	Female	21.2	6.0 - 36.3	7.8	3.8 - 11.8	10.4	6.0 - 14.7
	Male	49.1	25.2 - 73.0	21.6	14.8 - 28.5	26.1	19.1 - 33.0
	Total	34.5	20.7 - 48.4	14.6	10.7 - 18.6	18.1	14.0 - 22.2

Table 2.1.13: Suicide, 5+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	12.2	-37.5 - 62.0	6.9	-6.2 - 20.0	8.0	-5.9 - 21.9
	Male	0.0	0.0 - 0.0	9.3	-5.1 - 23.8	9.7	-4.5 - 23.8
	Total	10.9	-22.0 - 43.9	8.0	-1.6 - 17.7	8.8	-1.1 - 18.6
New Zealand	Female	10.0	0.2 - 19.8	5.0	2.1 - 7.9	6.0	3.0 - 9.0
	Male	25.9	9.5 - 42.3	16.5	11.2 - 21.8	18.0	12.9 - 23.2
	Total	17.5	8.2 - 26.8	10.7	7.7 - 13.7	11.9	8.9 - 14.8

Table 2.1.14: Drowning, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0
	Male	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0
	Total	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0
New Zealand	Female	0.0	0.0 - 0.0	0.7	-0.4 - 1.7	0.7	-0.2 - 1.5
	Male	2.1	-1.0 - 5.3	0.9	-0.3 - 2.1	1.2	0.0 - 2.4
	Total	1.4	-0.4 - 3.2	0.8	0.0 - 1.6	1.0	0.2 - 1.7

Table 2.1.15: Unintentional injury mortality, 15-24 years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0
	Male	0.0	0.0 - 0.0	25.2	13.3 - 37.1	25.6	14.3 - 37.0
	Total	0.0	0.0 - 0.0	13.5	7.5 - 19.6	13.6	7.9 - 19.3
New Zealand	Female	28.5	21.3 - 35.7	10.3	8.1 - 12.5	14.0	11.8 - 16.3
	Male	64.5	53.3 - 75.6	33.4	29.6 - 37.2	39.0	35.3 - 42.7
	Total	46.0	39.5 - 52.6	22.0	19.8 - 24.2	26.6	24.4 - 28.8

Table 2.1.16: Suicide mortality, 15-24 years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	10.4	2.6 - 18.2	16.0	6.8 - 25.2
	Male	0.0	0.0 - 0.0	11.1	2.8 - 19.3	13.2	4.7 - 21.7
	Total	34.9	9.3 - 60.5	10.7	5.0 - 16.4	14.6	8.3 - 20.9
New Zealand	Female	19.8	13.8 - 25.8	6.6	4.8 - 8.3	9.2	7.3 - 11.0
	Male	40.1	31.4 - 48.9	23.6	20.4 - 26.8	26.7	23.6 - 29.8
	Total	29.7	24.5 - 35.0	15.2	13.4 - 17.0	18.0	16.2 - 19.8

Table 2.1.17: Ischaemic heart disease mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	1188.6	1090.8 - 1286.4	415.0	406.2 - 423.9	437.0	428.0 - 446.1
	Male	1239.3	1116.7 - 1362.0	752.7	738.3 - 767.0	764.2	750.0 - 778.5
	Total	1213.6	1137.2 - 1290.0	561.7	553.7 - 569.8	579.0	570.9 - 587.1
New Zealand	Female	893.9	878.3 - 909.5	394.7	392.6 - 396.7	422.3	420.2 - 424.4
	Male	1416.1	1393.1 - 1439.1	728.8	725.4 - 732.2	765.7	762.3 - 769.1
	Total	1123.8	1110.5 - 1137.0	545.4	543.5 - 547.3	577.2	575.2 - 579.1

Table 2.1.18: Stroke mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	231.9	225.6 - 238.2	230.1	223.9 - 236.3
	Male	0.0	0.0 - 0.0	285.0	276.4 - 293.5	281.8	273.5 - 290.2
	Total	197.7	166.7 - 228.7	256.3	251.1 - 261.5	254.2	249.1 - 259.3
New Zealand	Female	339.9	330.4 - 349.4	245.7	244.2 - 247.3	251.4	249.9 - 253.0
	Male	255.5	245.6 - 265.3	257.9	256.0 - 259.8	259.1	257.2 - 261.0
	Total	307.1	300.2 - 314.0	254.5	253.3 - 255.8	258.1	256.9 - 259.4

Table 2.1.19: Lung cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	131.3	124.8 - 137.8	132.7	126.3 - 139.1
	Male	0.0	0.0 - 0.0	205.0	196.7 - 213.2	204.6	196.5 - 212.7
	Total	0.0	0.0 - 0.0	164.2	159.0 - 169.3	164.7	159.7 - 169.8
New Zealand	Female	494.7	482.8 - 506.7	131.6	130.0 - 133.1	153.4	151.8 - 155.0
	Male	501.9	488.6 - 515.1	228.8	226.8 - 230.9	245.3	243.2 - 247.4
	Total	497.3	488.5 - 506.2	175.1	173.8 - 176.4	194.3	193.0 - 195.6

Table 2.1.20: Female breast cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	109.0	103.2 - 114.7	114.7	108.9 - 120.5
New Zealand	Female	174.2	167.1 - 181.3	95.3	94.0 - 96.6	99.8	98.5 - 101.1

Table 2.1.21: Prostate cancer mortality, all ages, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Male	0.0	0.0 - 0.0	6.1	-1.6 - 13.8	5.9	-1.5 - 13.3
New Zealand	Male	11.1	0.0 - 22.3	7.0	5.1 - 9.0	7.3	5.3 - 9.2

Table 2.1.22: Cervical cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	8.5	7.1 - 10.0	8.3	6.9 - 9.7
New Zealand	Female	14.2	12.2 - 16.3	8.1	7.7 - 8.4	8.5	8.1 - 8.8

Table 2.1.23: Colorectal cancer mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	141.8	135.5 - 148.0	139.8	133.7 - 145.8
	Male	0.0	0.0 - 0.0	169.4	162.0 - 176.7	168.0	160.9 - 175.2
	Total	0.0	0.0 - 0.0	154.3	149.6 - 159.1	152.5	147.8 - 157.1
New Zealand	Female	97.5	92.3 - 102.7	133.3	131.8 - 134.8	131.3	129.8 - 132.7
	Male	155.9	148.5 - 163.3	179.8	177.9 - 181.6	178.9	177.1 - 180.7
	Total	125.0	120.6 - 129.4	154.4	153.3 - 155.6	152.9	151.8 - 154.1

Table 2.1.24: Melanoma mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	7.7	6.5 - 8.8	7.5	6.4 - 8.6
	Male	0.0	0.0 - 0.0	49.4	45.7 - 53.1	51.7	47.8 - 55.5
	Total	0.0	0.0 - 0.0	25.8	24.0 - 27.6	26.9	25.0 - 28.7
New Zealand	Female	15.5	13.4 - 17.6	25.8	25.1 - 26.4	25.3	24.7 - 25.9
	Male	14.0	11.8 - 16.2	66.3	65.2 - 67.4	64.1	63.0 - 65.1
	Total	15.4	13.9 - 17.0	43.8	43.2 - 44.4	42.4	41.9 - 43.0

Table 2.1.25: COPD mortality, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2006-08

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	470.8	408.8 - 532.8	132.9	127.5 - 138.4	149.2	143.3 - 155.1
	Male	0.0	0.0 - 0.0	213.6	206.2 - 221.0	217.1	209.8 - 224.4
	Total	409.3	366.0 - 452.6	165.9	161.4 - 170.3	175.9	171.3 - 180.5
New Zealand	Female	430.9	419.9 - 441.9	146.6	145.2 - 148.1	162.8	161.3 - 164.3
	Male	480.0	466.6 - 493.4	219.1	217.3 - 220.9	231.7	229.9 - 233.6
	Total	444.2	435.9 - 452.5	175.0	173.9 - 176.1	189.4	188.2 - 190.5

Table 2.2.1: Leading causes of avoidable mortality, males and females, 0-74 years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Breast cancer (female only)	8.7	Breast cancer (female only)	10.7
	Lung cancer	8.4	Lung cancer	9.3
	Ischaemic heart disease	7.4	Ischaemic heart disease	8.1
	Suicide and self-inflicted injuries	7.0	Colorectal cancer	5.9
	Birth defects	6.5	Diabetes	5.8
Male	Ischaemic heart disease	23.6	Ischaemic heart disease	27.3
	Complications of perinatal period	8.8	Suicide and self-inflicted injuries	15.7
	Diabetes	8.6	Motor vehicle accidents	12.3
	Suicide and self-inflicted injuries	8.5	Lung cancer	10.8
	Lung cancer	8.4	Diabetes	8.3
Total	Ischaemic heart disease	15.2	Ischaemic heart disease	17.4
	Lung cancer	8.4	Suicide and self-inflicted injuries	10.4
	Suicide and self-inflicted injuries	7.7	Lung cancer	10.0
	Diabetes	7.0	Motor vehicle accidents	8.6
	Complications of perinatal period	5.6	Diabetes	7.0

Table 2.2.2: Leading causes of avoidable mortality, by ethnicity, 0-74 years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Ischaemic heart disease	38.3	Ischaemic heart disease	51.4
	Diabetes	25.5	Lung cancer	31.6
	Lung cancer	18.3	Diabetes	26.8
	COPD	13.6	Motor vehicle accidents	17.8
	Breast cancer (female only)	12.5	Suicide and self-inflicted injuries	15.4
non-Māori	Ischaemic heart disease	13.8	Ischaemic heart disease	14.3
	Lung cancer	7.7	Suicide and self-inflicted injuries	9.3
	Suicide and self-inflicted injuries	7.0	Lung cancer	8.1
	Diabetes	5.6	Motor vehicle accidents	6.7
	Colorectal cancer	5.5	Colorectal cancer	6.7

Table 2.2.3: Leading causes of mortality, males and females, 65+ years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Ischaemic heart disease	431.2	Ischaemic heart disease	418.5
	Stroke	170.5	Stroke	206.0
	CORD	161.5	CORD	172.8
	Colorectal cancer	139.8	Lung cancer	153.4
	Lung cancer	132.7	Colorectal cancer	131.3
Male	Ischaemic heart disease	758.4	Ischaemic heart disease	757.4
	CORD	224.8	Lung cancer	245.3
	Stroke	221.7	CORD	238.4
	Lung cancer	204.6	Stroke	207.5
	Colorectal cancer	168.0	Colorectal cancer	178.9
Total	Ischaemic heart disease	572.9	Ischaemic heart disease	571.4
	Stroke	195.1	Stroke	210.0
	CORD	186.3	CORD	197.9
	Lung cancer	164.7	Lung cancer	194.3
	Colorectal cancer	152.5	Colorectal cancer	152.9

Table 2.2.4: Leading causes of mortality, by ethnicity, 65+ years, 2006-08

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Ischaemic heart disease	1170.9	Ischaemic heart disease	1109.6
	Diabetes	413.0	Lung cancer	497.3
	CORD	409.3	CORD	465.0
	#N/A	#N/A	Diabetes	389.4
	#N/A	#N/A	Stroke	247.1
non-Māori	Ischaemic heart disease	556.5	Ischaemic heart disease	540.1
	Stroke	196.1	Stroke	207.2
	CORD	176.6	CORD	182.8
	Lung cancer	164.2	Lung cancer	175.1
	Colorectal cancer	154.3	Colorectal cancer	154.4

Appendix 3

Hospitalisation Tables (2007-2009)

NOTE A: Counts less than 5 have ASR's presented as "0.0" or "#N/A"

NOTE B: There are two comparisons being made in the following tables

1. Māori Age-Standardised Rate against non-Māori Age-Standardised Rate
within the District Health Board:

Māori ASR statistically significantly higher than non-Māori ASR within DHB

Māori ASR statistically significantly lower than non-Māori ASR within DHB

2. District Health Board Age-Standardised Rate
against New Zealand Age-Standardised Rate:

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Key:

DHB = District Health Board

ASR = Age-Standardised Rate

Table 3.1.1: Avoidable hospitalisations, 0-74 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	3813.1	2856.4 - 4769.7	2549.1	2223.6 - 2874.5	2675.1	2370.3 - 2980.0
	Male	3971.2	2965.8 - 4976.6	2909.9	2560.0 - 3259.8	3017.0	2691.0 - 3343.1
	Total	3890.4	3197.9 - 4582.9	2730.3	2491.2 - 2969.4	2847.0	2623.7 - 3070.4
New Zealand	Female	4904.4	4671.6 - 5137.1	3156.7	3061.1 - 3252.3	3408.8	3321.6 - 3496.1
	Male	4974.2	4736.0 - 5212.5	3535.8	3435.8 - 3635.9	3746.4	3655.7 - 3837.2
	Total	4946.3	4779.6 - 5112.9	3347.1	3277.8 - 3416.3	3578.9	3516.0 - 3641.9

Table 3.1.2: All cardiovascular disease hospitalisations, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	571.9	212.4 - 931.4	287.2	215.6 - 358.9	303.8	234.0 - 373.5
	Male	698.1	271.8 - 1124.4	513.2	414.3 - 612.1	524.8	430.0 - 619.5
	Total	638.4	359.4 - 917.4	395.5	334.9 - 456.1	409.5	351.2 - 467.8
New Zealand	Female	725.3	642.2 - 808.5	376.4	354.5 - 398.2	409.5	388.5 - 430.5
	Male	968.2	865.8 - 1070.6	638.8	610.7 - 666.9	673.8	646.7 - 700.8
	Total	842.1	776.8 - 907.4	503.2	485.5 - 520.9	536.9	519.9 - 553.9

Table 3.1.3: Ischaemic heart disease hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	270.1	105.3 - 434.9	128.1	102.2 - 154.0	136.7	110.5 - 162.8
	Male	402.5	182.5 - 622.5	349.1	301.3 - 396.8	352.9	306.3 - 399.5
	Total	333.6	198.3 - 468.9	234.1	207.5 - 260.8	240.2	214.0 - 266.5
New Zealand	Female	395.2	354.7 - 435.7	199.3	190.9 - 207.6	216.9	208.4 - 225.3
	Male	601.9	548.3 - 655.5	509.5	494.8 - 524.1	521.1	506.9 - 535.3
	Total	494.0	460.9 - 527.2	349.5	341.1 - 357.8	363.8	355.6 - 372.0

Table 3.1.4: Stroke hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	230.5	79.3 - 381.7	91.0	69.4 - 112.7	100.1	77.7 - 122.6
	Male	156.8	19.0 - 294.6	108.6	83.2 - 134.1	111.6	86.6 - 136.7
	Total	199.3	94.5 - 304.2	99.2	82.6 - 115.8	105.4	88.6 - 122.1
New Zealand	Female	215.4	185.6 - 245.2	92.6	86.7 - 98.4	103.2	97.3 - 109.2
	Male	171.3	142.5 - 200.0	128.3	121.3 - 135.4	132.8	125.9 - 139.7
	Total	196.1	175.2 - 217.0	109.7	105.1 - 114.2	117.3	112.8 - 121.8

Table 3.1.5: All cancer hospitalisations, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	388.8	94.2 - 683.3	295.2	208.1 - 382.4	297.7	217.4 - 378.0
	Male	266.3	-8.5 - 541.1	279.2	201.3 - 357.1	278.2	204.7 - 351.7
	Total	326.5	127.9 - 525.2	285.6	227.3 - 344.0	286.4	232.1 - 340.8
New Zealand	Female	456.5	389.7 - 523.3	348.8	326.7 - 370.9	359.1	338.6 - 379.5
	Male	428.9	360.8 - 497.0	391.1	368.7 - 413.5	396.9	375.9 - 417.8
	Total	442.7	395.1 - 490.3	367.4	351.7 - 383.1	375.5	360.9 - 390.1

Table 3.1.6: Lung cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	123.4	12.0 - 234.7	25.0	12.7 - 37.4	30.5	17.3 - 43.7
	Male	48.2	-33.4 - 129.7	26.1	14.2 - 38.0	26.8	15.1 - 38.6
	Total	86.6	17.5 - 155.7	25.4	16.8 - 33.9	28.5	19.7 - 37.3
New Zealand	Female	136.6	112.7 - 160.5	38.6	34.8 - 42.4	46.7	42.7 - 50.7
	Male	121.7	97.7 - 145.8	46.7	42.7 - 50.7	52.5	48.4 - 56.6
	Total	128.9	112.0 - 145.7	42.2	39.4 - 44.9	49.1	46.3 - 52.0

Table 3.1.7: Female breast cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	189.8	54.3 - 325.4	89.0	63.4 - 114.6	96.3	70.7 - 122.0
New Zealand	Female	168.3	141.3 - 195.3	103.1	96.0 - 110.2	109.6	102.7 - 116.6

Table 3.1.8: Prostate cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Male	50.8	-30.4 - 132.0	34.7	20.7 - 48.7	35.7	21.8 - 49.7
New Zealand	Male	76.5	57.6 - 95.4	60.9	56.4 - 65.3	61.9	57.6 - 66.2

Table 3.1.9: Cervical cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	21.9	-23.8 - 67.7	17.0	4.8 - 29.2	17.3	5.6 - 29.1
New Zealand	Female	44.6	30.2 - 59.0	17.6	14.2 - 21.1	20.9	17.4 - 24.3

Table 3.1.10: Colorectal cancer hospitalisation, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	41.4	-23.3 - 106.1	25.4	13.3 - 37.5	26.3	14.4 - 38.3
	Male	28.9	-31.7 - 89.5	40.4	24.2 - 56.6	39.7	24.2 - 55.1
	Total	35.9	-9.1 - 80.8	32.7	22.7 - 42.7	32.8	23.1 - 42.5
New Zealand	Female	40.1	27.1 - 53.0	52.5	48.0 - 56.9	51.8	47.6 - 56.0
	Male	50.7	35.2 - 66.2	63.3	58.4 - 68.2	62.7	58.0 - 67.3
	Total	45.3	35.2 - 55.3	57.5	54.2 - 60.8	56.9	53.8 - 60.0

Table 3.1.11: Melanoma hospitalisations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	69.8	48.3 - 91.4	66.8	46.6 - 87.1
	Male	0.0	0.0 - 0.0	98.2	73.8 - 122.5	94.1	71.2 - 117.0
	Total	15.2	-14.0 - 44.4	82.3	66.2 - 98.4	78.8	63.6 - 94.0
New Zealand	Female	21.2	11.6 - 30.8	107.6	100.9 - 114.3	100.4	94.3 - 106.5
	Male	22.4	12.0 - 32.8	167.6	159.4 - 175.8	156.9	149.4 - 164.4
	Total	21.5	14.6 - 28.5	135.4	130.1 - 140.6	126.5	121.7 - 131.2

Table 3.1.12: Unintentional injury hospitalisation, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	923.7	444.3 - 1403.1	825.2	643.4 - 1006.9	842.4	673.6 - 1011.3
	Male	1575.3	948.1 - 2202.5	1336.2	1107.5 - 1564.9	1368.7	1155.5 - 1581.9
	Total	1236.9	846.1 - 1627.7	1077.5	931.8 - 1223.2	1101.3	965.8 - 1236.9
New Zealand	Female	1344.0	1220.6 - 1467.5	1133.4	1077.2 - 1189.6	1174.8	1124.1 - 1225.5
	Male	2485.9	2315.3 - 2656.6	2015.8	1942.3 - 2089.3	2095.7	2028.9 - 2162.6
	Total	1900.9	1796.5 - 2005.3	1575.3	1529.0 - 1621.6	1634.3	1592.4 - 1676.3

Table 3.1.13: Self-harm hospitalisation, 5+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	133.7	-22.5 - 290.0	110.2	57.4 - 163.1	113.3	63.1 - 163.6
	Male	67.2	-49.3 - 183.6	43.6	11.0 - 76.2	46.2	14.6 - 77.8
	Total	101.6	3.3 - 199.9	77.8	46.4 - 109.2	80.7	50.7 - 110.7
New Zealand	Female	153.2	115.2 - 191.3	146.7	129.7 - 163.6	147.8	132.4 - 163.3
	Male	103.2	70.5 - 136.0	78.7	66.6 - 90.9	82.7	71.3 - 94.2
	Total	128.6	103.5 - 153.8	112.6	102.2 - 123.0	115.4	105.8 - 124.9

Table 3.1.14: Unintentional injury hospitalisation, 15-24 years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	654.9	503.8 - 806.0	569.7	513.0 - 626.5	584.2	530.8 - 637.6
	Male	2246.3	1954.7 - 2537.8	1623.2	1524.0 - 1722.5	1708.6	1614.2 - 1803.1
	Total	1410.5	1250.9 - 1570.1	1079.4	1023.1 - 1135.7	1127.0	1073.7 - 1180.4
New Zealand	Female	1222.0	1174.8 - 1269.3	1013.0	991.5 - 1034.4	1053.4	1033.9 - 1073.0
	Male	3471.2	3389.9 - 3552.4	2673.9	2639.7 - 2708.0	2819.5	2788.0 - 2851.1
	Total	2326.1	2279.6 - 2372.7	1856.8	1836.5 - 1877.1	1945.2	1926.5 - 1963.8

Table 3.1.15: Ischaemic heart disease hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	1255.4	1154.9 - 1355.9	983.4	967.1 - 999.8	987.0	971.0 - 1003.0
	Male	1726.9	1589.5 - 1864.4	1757.5	1733.2 - 1781.8	1751.5	1727.8 - 1775.2
	Total	1487.2	1403.7 - 1570.7	1337.1	1322.8 - 1351.3	1336.6	1322.6 - 1350.5
New Zealand	Female	2028.0	2003.9 - 2052.1	1374.4	1369.6 - 1379.2	1414.2	1409.5 - 1419.0
	Male	2276.0	2247.8 - 2304.3	2600.5	2593.3 - 2607.7	2586.3	2579.3 - 2593.2
	Total	2152.3	2133.9 - 2170.7	1946.8	1942.6 - 1951.0	1960.3	1956.2 - 1964.4

Table 3.1.16: Stroke hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	1154.5	1059.5 - 1249.5	770.1	756.2 - 784.1	782.1	768.3 - 795.9
	Male	1191.1	1082.6 - 1299.5	795.1	779.8 - 810.3	818.8	803.5 - 834.1
	Total	1220.5	1146.1 - 1294.8	776.4	766.1 - 786.6	794.6	784.4 - 804.8
New Zealand	Female	1210.9	1192.6 - 1229.2	649.9	646.8 - 652.9	680.0	676.9 - 683.0
	Male	1008.7	989.8 - 1027.6	913.7	909.7 - 917.7	923.4	919.5 - 927.3
	Total	1137.9	1124.6 - 1151.2	772.5	770.0 - 774.9	793.1	790.7 - 795.6

Table 3.1.17: Lung cancer hospitalisations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	609.7	538.8 - 680.5	124.2	118.1 - 130.4	144.4	137.8 - 151.0
	Male	582.4	503.9 - 661.0	220.2	211.7 - 228.7	232.8	224.1 - 241.4
	Total	584.1	532.8 - 635.4	168.0	162.9 - 173.1	184.4	179.1 - 189.7
New Zealand	Female	673.0	658.9 - 687.0	235.7	233.6 - 237.8	263.0	260.8 - 265.1
	Male	727.2	711.2 - 743.2	364.2	361.5 - 366.8	384.6	381.9 - 387.3
	Total	691.3	680.9 - 701.7	293.2	291.5 - 294.9	317.0	315.3 - 318.7

Table 3.1.18: Female breast cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	274.0	264.4 - 283.5	268.3	259.0 - 277.5
New Zealand	Female	354.3	344.1 - 364.5	300.5	298.0 - 302.9	303.8	301.5 - 306.2

Table 3.1.19: Prostate cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Male	0.0	0.0 - 0.0	9.3	-0.4 - 19.0	9.2	-0.2 - 18.6
New Zealand	Male	21.8	6.9 - 36.8	17.3	14.2 - 20.5	17.6	14.5 - 20.7

Table 3.1.20: Cervical cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	7.7	6.3 - 9.1	7.5	6.1 - 8.8
New Zealand	Female	28.7	25.8 - 31.5	20.8	20.2 - 21.4	21.2	20.6 - 21.8

Table 3.1.21: Colorectal cancer hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	192.5	185.0 - 200.1	189.9	182.6 - 197.2
	Male	0.0	0.0 - 0.0	249.9	240.8 - 258.9	248.3	239.4 - 257.1
	Total	0.0	0.0 - 0.0	220.1	214.3 - 225.9	217.9	212.2 - 223.6
New Zealand	Female	190.3	182.9 - 197.6	370.6	368.1 - 373.2	360.3	357.9 - 362.7
	Male	315.7	305.3 - 326.1	471.8	468.8 - 474.8	465.2	462.3 - 468.1
	Total	251.0	244.8 - 257.3	416.6	414.7 - 418.6	408.1	406.3 - 410.0

Table 3.1.22: Melanoma hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	407.4	396.5 - 418.2	393.5	383.2 - 403.9
	Male	0.0	0.0 - 0.0	737.4	722.3 - 752.6	719.6	705.0 - 734.3
	Total	0.0	0.0 - 0.0	549.8	540.7 - 558.8	534.1	525.4 - 542.8
New Zealand	Female	100.0	94.6 - 105.3	619.6	616.4 - 622.7	592.8	589.8 - 595.8
	Male	139.6	132.4 - 146.7	1161.9	1157.3 - 1166.4	1111.3	1107.0 - 1115.7
	Total	115.1	110.9 - 119.4	862.9	860.1 - 865.6	824.6	822.1 - 827.2

Table 3.1.23: COPD hospitalisation, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	2713.0	2563.3 - 2862.7	775.6	760.0 - 791.2	839.1	823.2 - 855.0
	Male	2977.0	2793.4 - 3160.7	826.8	810.7 - 843.0	888.4	872.0 - 904.9
	Total	2780.2	2666.1 - 2894.2	789.4	778.3 - 800.6	851.7	840.4 - 863.1
New Zealand	Female	2867.8	2839.2 - 2896.5	775.7	772.0 - 779.3	895.6	891.7 - 899.4
	Male	2751.7	2720.6 - 2782.7	1062.7	1058.3 - 1067.1	1151.7	1147.3 - 1156.2
	Total	2801.2	2780.3 - 2822.1	897.7	894.8 - 900.5	1002.7	999.7 - 1005.6

Table 3.1.24: Diabetes hospitalisations, 15+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	214.9	41.8 - 388.0	73.0	44.2 - 101.9	81.4	52.8 - 110.1
	Male	218.5	31.1 - 405.9	88.7	56.7 - 120.7	97.7	65.6 - 129.9
	Total	216.5	89.4 - 343.7	80.5	59.0 - 101.9	89.1	67.7 - 110.6
New Zealand	Female	283.9	242.9 - 324.9	99.7	90.4 - 109.0	115.1	106.0 - 124.1
	Male	336.2	288.8 - 383.7	120.6	110.6 - 130.5	137.8	128.0 - 147.7
	Total	308.1	277.1 - 339.1	109.5	102.7 - 116.3	125.8	119.1 - 132.4

Table 3.1.25: Diabetes complications - renal failure hospitalisations, 15+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	30.7	-35.7 - 97.1	8.4	-1.0 - 17.8	9.4	0.1 - 18.7
	Male	48.2	-43.0 - 139.5	8.1	-0.8 - 17.0	10.6	0.4 - 20.8
	Total	37.7	-15.9 - 91.3	8.2	1.7 - 14.7	9.9	3.1 - 16.8
New Zealand	Female	43.7	27.8 - 59.6	7.4	5.2 - 9.6	10.3	7.9 - 12.7
	Male	73.0	51.1 - 95.0	9.0	6.7 - 11.3	14.3	11.4 - 17.1
	Total	57.4	44.1 - 70.7	8.1	6.5 - 9.7	12.2	10.3 - 14.0

Table 3.1.26: Asthma hospitalisations, 15+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	198.7	37.6 - 359.7	89.2	52.9 - 125.5	99.3	63.2 - 135.4
	Male	121.5	-14.6 - 257.5	44.4	17.6 - 71.2	51.0	24.1 - 77.9
	Total	161.2	55.5 - 266.9	67.6	44.8 - 90.4	76.0	53.2 - 98.8
New Zealand	Female	257.0	216.0 - 298.0	96.1	85.2 - 106.9	119.1	108.1 - 130.1
	Male	130.2	99.5 - 161.0	52.3	44.1 - 60.5	62.9	54.7 - 71.2
	Total	196.4	170.4 - 222.4	74.6	67.8 - 81.4	91.6	84.7 - 98.5

Table 3.1.27: COPD hospitalisation, 45+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	974.4	780.8 - 1168.1	245.6	224.3 - 267.0	279.2	256.9 - 301.6
	Male	1129.4	891.6 - 1367.2	249.7	227.8 - 271.6	285.4	262.4 - 308.4
	Total	1031.7	882.9 - 1180.4	245.4	230.1 - 260.6	279.9	263.9 - 295.8
New Zealand	Female	1174.3	1132.4 - 1216.2	271.9	266.3 - 277.5	340.6	334.4 - 346.7
	Male	934.7	894.6 - 974.8	314.2	308.3 - 320.1	356.1	350.0 - 362.3
	Total	1057.1	1028.2 - 1086.0	288.8	284.7 - 292.8	344.4	340.0 - 348.7

Table 3.1.28: Asthma hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	374.2	174.4 - 574.0	248.2	172.6 - 323.8	270.4	198.9 - 341.9
	Male	528.3	296.3 - 760.3	433.0	334.6 - 531.4	450.3	359.4 - 541.2
	Total	453.3	299.6 - 607.0	341.7	279.5 - 404.0	361.6	303.6 - 419.7
New Zealand	Female	505.8	456.8 - 554.9	302.4	280.6 - 324.3	353.4	332.9 - 373.8
	Male	727.8	670.4 - 785.1	454.9	428.6 - 481.1	523.7	499.3 - 548.1
	Total	619.5	581.7 - 657.4	380.3	363.2 - 397.4	440.4	424.5 - 456.4

Table 3.1.29: Poisoning hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	64.9	-18.4 - 148.1	52.3	17.8 - 86.9	54.4	22.5 - 86.3
	Male	60.7	-17.2 - 138.7	43.5	12.4 - 74.6	46.7	17.5 - 75.8
	Total	62.8	5.8 - 119.8	47.9	24.7 - 71.1	50.5	28.9 - 72.1
New Zealand	Female	89.3	68.7 - 109.8	83.5	72.0 - 95.1	84.8	74.8 - 94.9
	Male	98.1	77.1 - 119.2	99.7	87.4 - 112.1	99.3	88.7 - 110.0
	Total	93.8	79.0 - 108.5	91.8	83.3 - 100.3	92.2	84.9 - 99.6

Table 3.1.30: Burns hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	15.1	-3.3 - 33.5	13.7	-2.2 - 29.7
	Male	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0
	Total	0.0	0.0 - 0.0	9.7	-0.7 - 20.1	9.3	0.1 - 18.5
New Zealand	Female	8.0	1.8 - 14.2	5.5	2.6 - 8.4	6.1	3.4 - 8.8
	Male	21.6	11.8 - 31.4	8.1	4.7 - 11.6	11.4	7.9 - 14.9
	Total	15.0	9.1 - 20.9	6.9	4.6 - 9.1	8.8	6.6 - 11.1

Table 3.1.31: Falls hospitalisation, 0-14 years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	543.0	301.6 - 784.4	542.6	430.5 - 654.6	542.0	440.5 - 643.5
	Male	604.5	351.9 - 857.1	701.1	576.5 - 825.7	683.3	571.6 - 795.0
	Total	573.4	398.8 - 748.0	623.4	539.4 - 707.3	614.0	538.3 - 689.6
New Zealand	Female	662.4	606.4 - 718.4	619.9	589.1 - 650.8	630.7	603.6 - 657.7
	Male	882.6	819.7 - 945.5	869.6	834.2 - 905.0	872.9	842.0 - 903.8
	Total	775.6	733.3 - 817.8	747.8	724.3 - 771.4	754.9	734.3 - 775.5

Table 3.1.32: Falls hospitalisation, 65+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	1544.9	1432.5 - 1657.3	2185.2	2163.1 - 2207.2	2169.0	2147.4 - 2190.6
	Male	698.1	615.7 - 780.5	1523.2	1502.8 - 1543.6	1512.1	1492.1 - 1532.1
	Total	1232.1	1155.8 - 1308.5	1907.2	1892.1 - 1922.3	1893.9	1879.1 - 1908.7
New Zealand	Female	1688.1	1666.7 - 1709.5	2432.8	2427.1 - 2438.6	2402.9	2397.4 - 2408.4
	Male	1417.4	1394.4 - 1440.3	1746.9	1741.7 - 1752.2	1739.8	1734.6 - 1744.9
	Total	1583.8	1568.1 - 1599.5	2134.6	2130.7 - 2138.5	2115.7	2111.9 - 2119.5

Table 3.1.33: Musculoskeletal disease hospitalisation, 65+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2007-09

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	1877.1	1755.4 - 1998.7	2269.3	2242.7 - 2295.9	2254.0	2228.1 - 2280.0
	Male	2686.4	2529.4 - 2843.4	1711.5	1686.8 - 1736.2	1766.1	1741.4 - 1790.7
	Total	2329.1	2228.6 - 2429.6	2012.1	1993.8 - 2030.4	2030.2	2012.2 - 2048.2
New Zealand	Female	2354.3	2328.2 - 2380.5	2318.4	2311.8 - 2324.9	2322.0	2315.7 - 2328.4
	Male	2746.4	2715.3 - 2777.4	2135.1	2128.5 - 2141.7	2166.6	2160.1 - 2173.1
	Total	2523.3	2503.4 - 2543.3	2233.7	2229.0 - 2238.3	2250.5	2245.9 - 2255.0

Table 3.2.1: Leading causes of avoidable hospitalisation, males and females, 0-74 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	408.2	Respiratory infections	510.3
	Dental conditions	289.3	Gastroenteritis	371.2
	Gastroenteritis	283.8	Dental conditions	301.5
	Cellulitis	208.8	ENT infections	265.7
	ENT infections	180.2	Cellulitis	243.5
Male	Respiratory infections	463.9	Respiratory infections	570.2
	Dental conditions	295.9	Gastroenteritis	355.3
	Gastroenteritis	253.6	ENT infections	331.7
	ENT infections	231.0	Dental conditions	319.0
	Angina	209.8	Angina	300.1
Total	Respiratory infections	436.4	Respiratory infections	541.0
	Dental conditions	292.6	Gastroenteritis	363.7
	Gastroenteritis	269.0	Dental conditions	310.3
	ENT infections	206.0	ENT infections	299.6
	Asthma	182.9	Angina	258.9

Table 3.2.2: Leading causes of avoidable hospitalisation, by ethnicity, 0-74 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	532.5	Respiratory infections	742.2
	Dental conditions	437.5	Dental conditions	441.6
	ENT infections	278.6	Asthma	356.4
	Asthma	271.2	ENT infections	355.9
	Angina	219.7	Angina	329.4
non-Māori	Respiratory infections	425.8	Respiratory infections	500.0
	Gastroenteritis	281.6	Gastroenteritis	379.7
	Dental conditions	264.5	ENT infections	283.8
	ENT infections	191.1	Dental conditions	271.8
	Angina	179.1	Angina	250.3

Table 3.2.3: Leading causes of hospitalisation, males and females, 65+ years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Angina	1248.5	Persons encountering health services for specific procedures and health care	1802.8
	Respiratory infections	1108.6	Angina	1499.8
	CORD	947.0	Respiratory infections	1132.4
	Persons encountering health services for specific procedures and health care	821.7	CORD	968.0
	Other forms of heart disease	766.3	Other forms of heart disease	955.6
Male	Respiratory infections	1553.2	Persons encountering health services for specific procedures and health care	2367.0
	Angina	1544.4	Angina	1956.7
	Ischaemic heart disease	1012.8	Respiratory infections	1721.7
	Other forms of heart disease	1012.3	Ischaemic heart disease	1550.1
	CORD	910.9	Other forms of heart disease	1232.4
Total	Angina	1381.3	Persons encountering health services for specific procedures and health care	2059.9
	Respiratory infections	1296.7	Angina	1712.2
	CORD	918.4	Respiratory infections	1388.0
	Other forms of heart disease	879.0	Ischaemic heart disease	1148.7
	Ischaemic heart disease	748.4	Other forms of heart disease	1084.0

Table 3.2.4: Leading causes of hospitalisation, by ethnicity, 65+ years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	CORD	2851.4	Persons encountering health services for specific procedures and health care	7454.5
	Respiratory infections	2388.9	CORD	2912.0
	Angina	2030.5	Respiratory infections	2597.3
	Congestive heart failure	1791.6	Diabetes	2074.3
	Persons encountering health services for specific procedures and health care	1398.3	Angina	1943.8
non-Māori	Angina	1363.6	Persons encountering health services for specific procedures and health care	1705.0
	Respiratory infections	1271.7	Angina	1698.8
	Other forms of heart disease	876.6	Respiratory infections	1319.4
	CORD	856.6	Ischaemic heart disease	1133.2
	Ischaemic heart disease	741.5	Other forms of heart disease	1069.6

Table 3.2.5: Leading causes of hospitalisation, males and females, 5-14 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Dental conditions	760.2	Dental conditions	660.6
	Respiratory infections	518.3	Respiratory infections	622.0
	ENT infections	264.3	ENT infections	380.4
	Injuries to the elbow and forearm	264.2	Injuries to the elbow and forearm	337.0
	Cellulitis	175.2	Persons encountering health services for specific procedures and health care	311.2
Male	Dental conditions	788.2	Dental conditions	687.9
	Respiratory infections	606.0	Respiratory infections	671.2
	Injuries to the elbow and forearm	458.0	Injuries to the elbow and forearm	520.1
	ENT infections	355.8	ENT infections	457.9
	Persons encountering health services for specific procedures and health care	316.6	Injuries to the head	360.8
Total	Dental conditions	774.4	Dental conditions	674.6
	Respiratory infections	562.8	Respiratory infections	647.1
	Injuries to the elbow and forearm	362.9	Injuries to the elbow and forearm	430.9
	ENT infections	310.8	ENT infections	420.1
	Persons encountering health services for specific procedures and health care	239.5	Persons encountering health services for specific procedures and health care	330.2

Table 3.2.6: Leading causes of hospitalisation, by ethnicity, 5-14 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Dental conditions	988.3	Dental conditions	843.1
	Respiratory infections	561.0	Respiratory infections	644.5
	ENT infections	455.4	ENT infections	555.6
	Injuries to the elbow and forearm	333.3	Injuries to the elbow and forearm	425.4
	Persons encountering health services for specific procedures and health care	305.5	Persons encountering health services for specific procedures and health care	399.2
non-Māori	Dental conditions	727.7	Respiratory infections	648.9
	Respiratory infections	563.9	Dental conditions	619.8
	Injuries to the elbow and forearm	369.7	Injuries to the elbow and forearm	432.1
	ENT infections	280.2	ENT infections	377.3
	Persons encountering health services for specific procedures and health care	225.8	Persons encountering health services for specific procedures and health care	308.2

Table 3.2.7: Leading causes of hospitalisation, males and females, 0-4 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Persons encountering health services in other circumstances	3278.0	Persons encountering health services in other circumstances	4296.1
	Respiratory infections	2865.0	Respiratory infections	3688.1
	Disorders related to length of gestation and fetal growth	2455.8	Disorders related to length of gestation and fetal growth	1895.8
	Gastro-oesophageal reflux disease	1294.2	Gastro-oesophageal reflux disease	1561.8
	Haemorrhagic and haematological disorders of fetus and newborn	995.6	ENT infections	1005.2
Male	Respiratory infections	3703.3	Respiratory infections	4875.7
	Persons encountering health services in other circumstances	3103.4	Persons encountering health services in other circumstances	4131.4
	Disorders related to length of gestation and fetal growth	2306.0	Disorders related to length of gestation and fetal growth	2016.8
	Gastro-oesophageal reflux disease	1232.0	Gastro-oesophageal reflux disease	1663.2
	Respiratory and cardiovascular disorders specific to the perinatal period	1203.3	ENT infections	1415.5
Total	Respiratory infections	3289.7	Respiratory infections	4295.1
	Persons encountering health services in other circumstances	3189.6	Persons encountering health services in other circumstances	4212.0
	Disorders related to length of gestation and fetal growth	2379.9	Disorders related to length of gestation and fetal growth	1957.6
	Gastro-oesophageal reflux disease	1262.7	Gastro-oesophageal reflux disease	1613.6
	Respiratory and cardiovascular disorders specific to the perinatal period	1069.9	ENT infections	1214.9

Table 3.2.8: Leading causes of hospitalisation, by ethnicity, 0-4 years, 2007-09

	Capital and Coast DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	4310.2	Respiratory infections	5965.2
	Persons encountering health services in other circumstances	3131.9	Persons encountering health services in other circumstances	2422.4
	Disorders related to length of gestation and fetal growth	2014.1	Disorders related to length of gestation and fetal growth	1684.5
	Dental conditions	1107.8	Gastro-oesophageal reflux disease	1311.2
	ENT infections	1047.3	ENT infections	1270.5
non-Māori	Persons encountering health services in other circumstances	3202.3	Persons encountering health services in other circumstances	4825.9
	Respiratory infections	3064.6	Respiratory infections	3722.1
	Disorders related to length of gestation and fetal growth	2460.6	Disorders related to length of gestation and fetal growth	2051.4
	Gastro-oesophageal reflux disease	1345.8	Gastro-oesophageal reflux disease	1717.4
	Respiratory and cardiovascular disorders specific to the perinatal period	1121.5	ENT infections	1195.9

Appendix 4

Cancer Registration Tables (2005-2007)

NOTE A: Counts less than 5 have ASR's presented as "0.0" or "#N/A"

NOTE B: There are two comparisons being made in the following tables

1. Māori Age-Standardised Rate against non-Māori Age-Standardised Rate
within the District Health Board:

Māori ASR statistically significantly higher than non-Māori ASR within DHB

Māori ASR statistically significantly lower than non-Māori ASR within DHB

2. District Health Board Age-Standardised Rate
against New Zealand Age-Standardised Rate:

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Key:

DHB = District Health Board

ASR = Age-Standardised Rate

Table 4.1.1: Lung cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	45.2	-21.7 - 112.2	18.8	8.3 - 29.2	20.5	9.8 - 31.2
	Male	64.7	-24.0 - 153.3	29.3	16.5 - 42.1	31.2	18.3 - 44.1
	Total	54.3	-0.1 - 108.8	23.5	15.4 - 31.7	25.3	17.0 - 33.6
New Zealand	Female	91.7	72.1 - 111.2	22.7	19.8 - 25.5	28.1	25.1 - 31.2
	Male	91.7	71.0 - 112.5	32.1	28.8 - 35.4	36.5	33.1 - 40.0
	Total	91.6	77.4 - 105.9	27.0	24.8 - 29.2	31.9	29.6 - 34.2

Table 4.1.2: Female breast cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	194.2	57.1 - 331.4	128.2	97.2 - 159.2	132.9	102.6 - 163.3
New Zealand	Female	167.8	140.8 - 194.7	126.7	118.6 - 134.7	130.4	122.7 - 138.1

Table 4.1.3: Prostate cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Male	97.9	-20.2 - 216.1	97.0	73.1 - 120.8	96.0	72.9 - 119.0
New Zealand	Male	89.8	69.1 - 110.5	106.5	100.4 - 112.5	104.9	99.1 - 110.7

Table 4.1.4: Cervical cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	23.3	-25.4 - 72.0	6.7	-1.2 - 14.5	7.8	-0.2 - 15.7
New Zealand	Female	17.1	8.2 - 26.0	9.5	6.9 - 12.1	10.3	7.8 - 12.7

Table 4.1.5: Colorectal cancer registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	32.9	-25.3 - 91.2	36.8	22.0 - 51.6	36.5	22.2 - 50.7
	Male	47.6	-33.8 - 128.9	53.0	34.4 - 71.7	52.2	34.4 - 70.1
	Total	39.0	-8.3 - 86.2	44.4	32.6 - 56.2	43.9	32.6 - 55.2
New Zealand	Female	35.4	23.2 - 47.5	45.9	41.7 - 50.0	45.2	41.2 - 49.1
	Male	44.3	29.9 - 58.8	56.2	51.6 - 60.9	55.4	51.0 - 59.8
	Total	39.7	30.3 - 49.1	50.8	47.7 - 53.9	50.0	47.1 - 53.0

Table 4.1.6: Melanoma registrations, 25+ years, age-standardised rates per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	44.6	25.6 - 63.7	42.5	24.7 - 60.3
	Male	0.0	0.0 - 0.0	38.5	21.4 - 55.7	36.4	20.5 - 52.3
	Total	12.4	-13.8 - 38.7	41.5	28.7 - 54.3	39.4	27.4 - 51.4
New Zealand	Female	10.0	3.4 - 16.6	55.1	49.5 - 60.7	50.2	45.2 - 55.1
	Male	8.5	1.9 - 15.2	61.4	55.7 - 67.0	56.5	51.4 - 61.5
	Total	9.3	4.6 - 13.9	58.0	54.0 - 61.9	53.1	49.5 - 56.6

Table 4.1.7: Lung cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	117.8	111.7 - 124.0	120.8	114.6 - 126.9
	Male	0.0	0.0 - 0.0	270.2	260.6 - 279.9	272.6	263.1 - 282.2
	Total	248.1	215.2 - 281.0	187.0	181.5 - 192.6	189.8	184.3 - 195.3
New Zealand	Female	507.3	495.1 - 519.4	145.2	143.6 - 146.9	166.5	164.8 - 168.2
	Male	605.3	590.8 - 619.8	255.1	252.9 - 257.3	276.2	274.0 - 278.4
	Total	553.2	543.9 - 562.6	194.6	193.3 - 196.0	215.9	214.5 - 217.2

Table 4.1.8: Female breast cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	407.2	349.2 - 465.1	328.9	318.4 - 339.3	329.3	319.1 - 339.5
New Zealand	Female	435.6	424.3 - 446.9	310.9	308.5 - 313.4	318.5	316.1 - 320.9

Table 4.1.9: Prostate cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Male	1049.1	940.4 - 1157.8	678.7	663.0 - 694.5	684.6	669.2 - 700.0
New Zealand	Male	756.4	740.0 - 772.8	762.6	758.7 - 766.6	760.3	756.5 - 764.2

Table 4.1.10: Cervical cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0
New Zealand	Female	23.7	21.1 - 26.3	11.3	10.8 - 11.7	12.0	11.5 - 12.5

Table 4.1.11: Colorectal cancer registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	239.9	231.4 - 248.3	240.4	232.1 - 248.7
	Male	491.7	418.7 - 564.6	339.4	328.8 - 350.0	346.0	335.5 - 356.5
	Total	361.7	321.6 - 401.9	284.7	278.1 - 291.4	288.0	281.4 - 294.5
New Zealand	Female	210.0	202.3 - 217.7	309.7	307.4 - 312.0	304.0	301.8 - 306.3
	Male	344.7	333.8 - 355.5	404.6	401.8 - 407.4	402.6	399.9 - 405.4
	Total	274.5	267.9 - 281.1	353.8	352.0 - 355.6	349.9	348.2 - 351.7

Table 4.1.12: Melanoma registrations, 65+ years, age-standardised rate per 100,000 (and 95% confidence intervals), 2005-07

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Capital and Coast	Female	0.0	0.0 - 0.0	109.6	103.7 - 115.5	105.5	99.8 - 111.1
	Male	0.0	0.0 - 0.0	162.9	155.4 - 170.3	162.5	155.2 - 169.8
	Total	0.0	0.0 - 0.0	132.6	127.9 - 137.3	130.3	125.8 - 134.8
New Zealand	Female	35.6	32.5 - 38.8	144.7	143.1 - 146.3	138.2	136.7 - 139.7
	Male	48.2	44.0 - 52.5	247.5	245.3 - 249.7	236.7	234.7 - 238.8
	Total	41.0	38.4 - 43.5	191.8	190.4 - 193.1	183.2	181.9 - 184.5

Appendix 5

ICD-10 Codes

Description	ICD-10-AM codes used
I: Certain infectious and parasitic diseases	A00–B99
Intestinal infectious diseases	A00–A09
Tuberculosis (including late effects)	A15–A19, B90
Meningococcal infection	A39
Infections, sexual transmission	A50–A64
Viral hepatitis	B15–B19
HIV	B20–B24
Viral infection, unspecified, of unspecified site	B34.9
II: Neoplasms (cancer)	C00–D48
Malignant neoplasms	C00–C97
Lip, oral cavity and pharynx	C00–C14
Digestive organs	C15–C26
☛ Oesophagus	C15
☛ Cancer of stomach	C16
☛ Colorectal	C18–C21
☛ Cancer of colon	C18
☛ Rectum, rectosigmoid junction and anus	C19–C21
☛ Liver and intrahepatic bile ducts	C22
☛ Gallbladder, other and unspecified parts	C23–C24
☛ of biliary tract	
☛ Pancreas	C25
☛ Other digestive organs	C17, C26
Respiratory and intrathoracic organs	C30–C39
☛ Larynx	C32
☛ Trachea, bronchus and lung	C33–C34
☛ Other respiratory and intrathoracic organs	C30–C31, C37–C39
Bone and articular cartilage	C40–C41
Skin	C43–C44
☛ Melanoma of skin	C43
☛ Other malignant neoplasms of skin	C44
☛ Mesothelial and soft tissue	C45–C49
Breast: female	C50 & female
Breast: male	C50 & male
Female genital organs	C51–C58
☛ Cervix uteri	C53
☛ Uterus	C54–C55
☛ Ovary	C56
☛ Other female genital organs	C51–C52, C57–C58
Male genital organs	C60–C63
☛ Prostate	C61
☛ Testis	C62
☛ Other male genital organs	C60, C63
Urinary tract	C64–C68
☛ Kidney, except renal pelvis	C64
☛ Bladder	C67
☛ Other urinary tract	C65–C66, C68
Eye and other central nervous system	C69–C72
☛ Brain	C71

Description	ICD-10-AM codes used
<ul style="list-style-type: none"> ☒ Other central nervous system 	C69–C70, C72
Thyroid and other endocrine glands	C73–C75
<ul style="list-style-type: none"> ☒ Thyroid gland 	C73
<ul style="list-style-type: none"> ☒ Other endocrine glands 	C74–C75
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76–C80
Lymphoma	C81–C85
<ul style="list-style-type: none"> ☒ Hodgkin's disease 	C81
<ul style="list-style-type: none"> ☒ Non-Hodgkin's lymphoma 	C82–C85
Multiple myeloma and other malignant immunoproliferative diseases and malignant plasma cell neoplasms	C88, C90
Leukaemias	C91–C95
<ul style="list-style-type: none"> ☒ Lymphoid leukaemia 	C91
<ul style="list-style-type: none"> ☒ Myeloid leukaemia 	C92
<ul style="list-style-type: none"> ☒ Acute myeloid leukaemia 	C92.0, C92.4, C92.5
<ul style="list-style-type: none"> ☒ Other myeloid leukaemia 	C92.1–C92.3, C92.8–C92.9
<ul style="list-style-type: none"> ☒ Other leukaemias 	C93–C95
Other and unspecified malignant neoplasms of lymphoid, hematopoietic, and related tissue	C96
Malignant neoplasm of independent (primary) multiple sites	C97
In situ neoplasms	D00–D09
<ul style="list-style-type: none"> ☒ Melanoma in situ 	D03
<ul style="list-style-type: none"> ☒ Carcinoma in situ of breast 	D05
<ul style="list-style-type: none"> ☒ Carcinoma in situ of cervix uteri 	D06
<ul style="list-style-type: none"> ☒ Other in situ neoplasms 	D00–D02, D04, D07–D09
Benign neoplasms	D10–D36
Neoplasms of uncertain or unknown behaviour	D37–D48
III: Diseases of the blood and blood-forming organs and	D50–D89
IV: Endocrine, nutritional and metabolic diseases	E00–E90
Disorders of thyroid gland	E00–E07
Diabetes mellitus	E10–E14
<ul style="list-style-type: none"> ☒ IDDM (type 1) 	E10
<ul style="list-style-type: none"> ☒ NIDDM (type 2) 	E11–E14
Obesity	E66
V: Mental and behavioural disorders	F00–F99
Organic, including symptomatic, mental disorder	F00–F09
<ul style="list-style-type: none"> ☒ Dementia, vascular and unspecified 	F01, F03
<ul style="list-style-type: none"> ☒ Personality and behavioural disorders due to brain disease, damage, and dysfunction 	F07
<ul style="list-style-type: none"> ☒ Mental and behavioural disorders due to psychoactive substance use 	F10–F19
<ul style="list-style-type: none"> ☒ Alcohol 	F10
<ul style="list-style-type: none"> ☒ Opioids 	F11
<ul style="list-style-type: none"> ☒ Cannabinoids 	F12

Description	ICD-10-AM codes used
Schizophrenia, schizotypal and delusional disorders	F20–F29
☛ Schizophrenia	F20
☛ Schizoaffective disorders	F25
Mood (affective) disorders	F30–F39
☛ Manic episode and bipolar affective disorder	F30–F31
☛ Manic episode	F30
☛ Bipolar affective disorder	F31
☛ Depressive episode and recurrent, and persistent mood [affective] disorders	F32–F34
☛ Depressive episode	F32
☛ Recurrent depressive disorder	F33
☛ Persistent mood [affective] disorders	F34
Neurotic, stress-related and somatoform disorders	F40–F48
Eating disorders	F50
Disorders of adult personality and behaviour	F60–F69
Mental retardation	F70–F79
VI: Diseases of the nervous system	G00–G99
Bacterial meningitis, not elsewhere classified	G00
Parkinson's disease, secondary Parkinsonism	G20–G21
Alzheimer's disease	G30
Epilepsy, status epilepticus	G40–G41
Migraine	G43
Transient cerebral ischemic attacks and related syndromes	G45
Mononeuropathies of upper limb	G56
Infantile cerebral palsy	G80
VII: Diseases of the eye and adnexa	H00–H59
Disorders of lens	H25–H28
Glaucoma	H40–H42
VIII: Diseases of the ear and mastoid process	H60–H95
Diseases of middle ear and mastoid	H65–H75
☛ Non-suppurative otitis media	H65
☛ Suppurative and unspecified otitis media	H66
☛ Perforation of tympanic membrane	H72
Hearing loss	H90–H91

Description	ICD-10-AM codes used
IX: Diseases of the circulatory system	I00–I99
Acute rheumatic fever	I00–I02
☛ Acute rheumatic heart disease	I01, I02.0
Chronic rheumatic heart disease	I05–I09
Hypertensive diseases	I10–I15
Ischemic heart disease	I20–I25
☛ Angina pectoris	I20
☛ Acute myocardial infarction	I21
☛ Chronic ischemic heart disease	I25
Pulmonary circulation	I26–I28
Other forms of heart disease	I30–I52
☛ Atrial fibrillation and flutter	I48
☛ Heart failure	I50
Cerebrovascular diseases	I60–I69
☛ Subarachnoid haemorrhage	I60
☛ Intracerebral haemorrhage, other nontraumatic intracranial haemorrhage	I61–I62
☛ Cerebral infarction, stroke, not specified as haemorrhage or infarction	I63–I64
Other diseases of the circulatory system	I70–I99
☛ Atherosclerosis	I70
☛ Varicose veins of lower extremities	I83
X: Diseases of the respiratory system	J00–J99
Acute upper respiratory infections	J00–J06
Pneumonia	J12–J18
Acute bronchitis and bronchiolitis	J20–J22
Chronic diseases of tonsils and adenoids	J35
Chronic obstructive respiratory disease	J40–J44
Asthma	J45–J46
Bronchiectasis	J47
XI: Diseases of the digestive system	K00–K93
Teeth and gums	K00–K08
☛ Disorders of tooth development and eruption, embedded and impacted teeth	K00–K01
☛ Dental caries	K02
☛ Diseases of pulp and periapical tissues	K04
☛ Periodontal diseases	K05–K06
Diseases of oesophagus, stomach and duodenum	K20–K31
☛ Diseases of oesophagus	K20–K22
☛ Gastric, duodenal, peptic gastrojejunal ulcers, gastritis duodenitis	K25–K29
Diseases of appendix	K35–K38
Hernia	K40–K46
☛ Inguinal hernia	K40
Non-infective gastroenteritis and colitis	K50–K52
Other diseases of intestines and diseases of peritoneum	K55–K67
Diseases of liver	K70–K77
☛ Alcoholic liver disease	K70

Description	ICD-10-AM codes used
Diseases of gallbladder, biliary tract and pancreas	K80–K87
Cholelithiasis	K80
Acute pancreatitis	K85
Other diseases of pancreas	K86
Haematemesis, melaena and gastrointestinal haemorrhage, unspecified	K92.0–K92.2
XII: Diseases of the skin and subcutaneous tissue	L00–L99
Infections of skin and subcutaneous tissue	L00–L08
XIII: Diseases of the musculoskeletal system and connective tissue	M00–M99
Gout	M10
Arthrosis (osteoarthritis)	M15–M19
Other dorsopathies	M50–M54
XIV: Diseases of the genitourinary system	N00–N99
Glomerular diseases	N00–N08
Tubulo-interstitial nephritis	N10–N12
Renal failure	N17–N19
Urolithiasis	N20–N23
Urinary tract infection, site not specified	N39.0
Stress incontinence and other specified urinary incontinence	N39.3, N39.4
☐ Stress incontinence	N39.3
Disorders of male genital organs	N40–N51
☐ Hyperplasia of prostate	N40
Inflammatory disorders of breast	N61
Inflammatory diseases of female pelvic organs	N70–N77
Non-inflammatory disorders of female genital tract	N80–N98
☐ Endometriosis	N80
☐ Female genital prolapse	N81
☐ Dysplasia of cervix uteri	N87
☐ Excessive and frequent menstruation	N92.0, N92.1
☐ Menopausal and other perimenopausal disorders	N95
XV: Pregnancy, childbirth and the puerperium	O00–O99
Abscess of breast associated with childbirth	O91.1
XVI: Certain conditions originating in the perinatal period	P00–P96
Slow fetal growth and fetal malnutrition and premature	P05–P07
☐ Slow fetal growth and fetal malnutrition	P05
☐ Premature	P07.2–P07.3
Birth trauma	P10–P15
Respiratory and cardiovascular disorders specific to the perinatal period	P20–P29

Description	ICD-10-AM codes used
☛ Birth asphyxia	P21
☛ Respiratory distress of newborn	P22
Infection specific to the perinatal period	P35–P39
XVII: Congenital malformations, deformations, and chromosomal abnormalities	Q00–Q99
XVIII: Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00–R99
Symptoms and signs involving the circulatory and respiratory systems	R00–R09
Symptoms and signs involving the digestive system and abdomen	R10–R19
Symptoms and signs involving the urinary system	R30–R39
General symptoms and signs	R50–R69
Ill-defined and unknown causes of mortality	R95–R99
☛ Sudden infant death syndrome	R95
XIX: Injury, poisoning and certain other consequences of external causes	S00–T98
Injuries to the head	S00–S09
Other injuries	S10–T14
Burns	T20–T31
Poisoning by drugs, medicaments and biological substances	T36–T50
Complications of surgical and medical care, not elsewhere classified	T80–T88
XX: External causes of morbidity and mortality	V01–Y98
Accidents	V01–V99, W00–X59, Y85,
Transport accidents	V01–V99, Y85
☛ Pedestrian	V01–V09
☛ Pedal cyclist	V10–V19
☛ Other land transport (occupant of motorcycle, three-wheeled motor vehicle, car, pickup truck or van)	V20–V59, Y85.0
☛ Other transport	V90–V99, Y85.1
Other external causes of accidental injury	W00–X59, Y86
☛ Falls	W00–W19
☛ Exposure to mechanical forces	W20–W64
☛ Exposure to inanimate mechanical forces	W20–W49
☛ Exposure to animate mechanical forces	W50–W64
☛ Drowning and submersion (non transport)	W65–W74
☛ Fires	X00–X09
☛ Accidental poisoning by and exposure to noxious substances	X40–X49
☛ Accidental threats to breathing	W75–84
☛ Accidental suffocation or strangulation in bed	W75
Intentional self-harm (suicide)	X60–X84, Y87.0
Assault (homicide)	X85–Y09, Y87.1
Event of undetermined intent	Y10–Y34, Y87.2
Legal intervention	Y35, Y89.0

Description	ICD-10-AM codes used
Complications of medical and surgical care	Y40–Y84, Y88
☛ Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40–Y59, Y88.0
☛ Misadventure to patients during surgical and medical care	Y60–Y69, Y88.1
☛ Medical devices associated with adverse incidents, abnormal reaction, without mention of misadventure at the time of the procedure	Y70–Y84, Y88.2, Y88.3
XXI: Factors influencing health status and contact with health services	Z00–Z99
Persons encountering health services for examination and investigation	Z00–Z13
Persons with potential health hazards related to communicable diseases	Z20–Z29
Persons encountering health services in circumstances related to reproduction	Z30–Z39
☛ Outcome of delivery	Z37
☛ Liveborn infants	Z38
Persons encountering health services for specific procedures and health care	Z40–Z54
☛ Care involving dialysis	Z49
☛ Care involving rehabilitation	Z50
Persons with potential health hazards related to socioeconomic and psychosocial circumstances	Z55–Z65
Persons encountering health services in other circumstances	Z70–Z76
Persons with potential health hazards related to family and personal history and certain conditions influencing health status	Z80–Z99