

Health Needs Assessment

MidCentral District Health Board

For the Ministry of Health

Contact Person:

Associate Professor Barry Borman Centre for Public Health Research Massey University, Wellington Campus PO Box 756, Wellington 6140

Tel: +64 4 801 5799 extn 62180; Fax: +64 4 380 0600



Health Needs Assessment MidCentral District Health Board

Helene Marsters
Mathangi Shanthakumar
Caroline Fyfe
Barry Borman
Saira Dayal

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EXECUTIVE SUMMARY

The report identifies the unmet health and healthcare needs of the MidCentral 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 MidCentral 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, MidCentral DHB had a population of 163,990; this is predicted to increase to 180,150 by 2026. The percentage increase will be less than that for New Zealand as a whole. The proportion of people identifying themselves as Māori in MidCentral DHB is higher than that of New Zealand as a whole. The Māori population is younger than the non-Māori and is dominated by young people. While the non-Māori population is expected to decline significantly in both the 0-14 and 15-65 age categories, the Māori population is expected to increase across all age categories.

In MidCentral DHB, with the exception of deciles 1 and 2, the proportion of communities in each NZDep06 deprivation decile is spread relatively evenly across the levels of deprivation. Whilst non-Māori show no trends in distribution across the deprivation deciles, Māori representation increases with each deprivation deciles up to decile nine, after which there is a small decrease.

Health status

Avoidable mortality and hospitalisations

There were no statistically significant differences in the rates of avoidable mortality and hospitalisations between Māori and non-Māori in the MidCentral DHB. Four of the top five leading causes of avoidable mortality were the same for Māori and non-Māori. These were ischaemic heart disease, lung cancer, motor vehicle accidents, and suicide.

Respiratory infections, angina, gastroenteritis, and dental conditions were four of the top five leading causes of avoidable hospitalisations for both Māori and non-Māori.

Child and youth health

Asthma was a leading cause for Māori children 0-4 years while respiratory and cardiovascular disorders specific to the perinatal period was a leading cause for non-Māori children.

Respiratory infections, dental conditions, injuries to the elbow and arm, and ENT infections were leading causes of hospitalisations for Māori and non-Māori children in the 5-14 year age group.

The unintentional injury hospitalisation rate for the 15-24 year age group was statistically significantly lower for Māori women compared to non-Māori women.

Older people

Diabetes was a leading cause of mortality for older Māori while colorectal cancer was a leading cause for older non-Māori. In the MidCentral DHB, breast cancer was a leading cause for older women while COPD was a leading cause for older men.

The leading causes of hospitalisations for older people varied between Māori and non-Māori. COPD, diabetes, and general symptoms and signs were leading causes for older Māori people while ischaemic heart disease, other forms of heart disease, and skin cancers were leading causes for older non-Māori people.

Health service utilisation

In the MidCentral DHB, 77.7 percent of Māori children had received all specified immunisation vaccines by the age of two, which was lower than the non-Māori rate.

Over half of Māori people aged 65 years and over either received an influenza vaccine, or had an agreement made by a primary health provider to receive an influenza vaccine in the past 12 months.

Of eligible women in the MidCentral DHB aged 50-64 years, more than half of Māori women had a mammogram to check for early signs of breast cancer in the past two years which was lower than the non-Māori rate (68.4%).

Of Māori women aged 20 to 69 years in the MidCentral DHB who had a primary health care provider, 54.7 percent had a cervical smear in the past three years which was lower than the non-Māori percentage (75.1%).

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 MidCentral 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

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

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

Table 2.1.17: Ischaemic heart disease mortality 65+ years, age-standardised rate per 160,000 (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	1105 - 1137.0	545.4	543.5 - 547.3	577.2	575.2 - 579.1		
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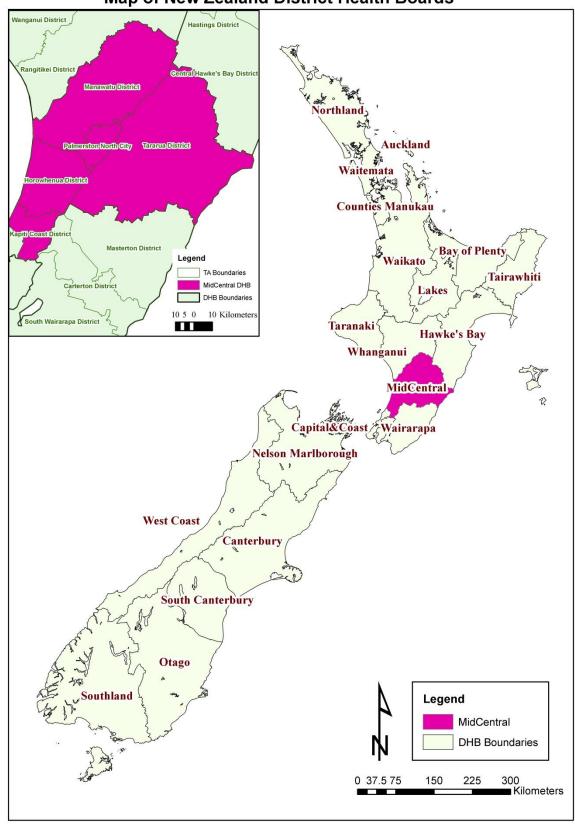
The dark blue shows that the ASR for the total Māori population in the DHB (919.1 per 100,000) is statistically significantly higher than the ASR for the total non- Māori population in the DHB (622.3 per 100,000)

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 MidCentral DHB had a population of 163,990 at the last (2006) census, making up approximately 3.9 percent of the total New Zealand population (4,184,580 at the last census). This population is projected to rise to 180,150 by 2026, an increase of 9.9 percent. The predicted rate of increase for New Zealand is 19.2 percent.

1.1 Ethnicity

The proportion of people identifying themselves as Māori in MidCentral DHB is higher than that of New Zealand as a whole, (17.6% compared to 14.6%). This represents 4.6 percent of the New Zealand Māori population (2006 Census).

1.2 Population Distribution by Age and Gender

The majority of the MidCentral DHB population (64.9%) are of working age (15-64 years), this makes up a lesser proportion of the population than in New Zealand as a whole (66.5%), (Table 1:1). There are proportionately the same number of young people (aged 0-14 years) and more elderly (aged 65+ years) in the MidCentral DHB when compared to the New Zealand population. Two distinct peaks can be observed in distribution of the MidCentral population: at 15-19 years and 40-49 years.

Table 1:1: Percentage population, age and gender, 2006 Census, 2026

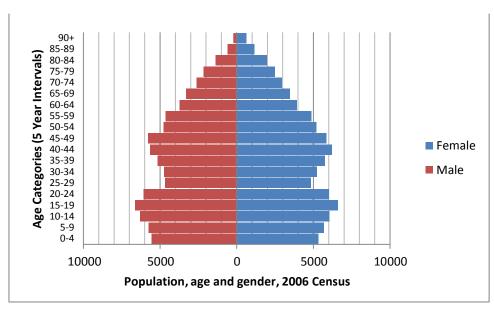
Location	Age Group	200	06(Base Populatio	n)	2026 (Projected Population)				
Location	Age Group	Male	Female	Total	Male	Female	Total		
	0-14	22.0	20.3	21.1	19.4	17.7	18.5		
MidCentral	15-64	65.1	64.7	64.9	60.0	59.7	59.9		
	65+	12.9	15.0	14.0	20.6	22.6	21.6		
Name	0-14	22.2	20.3	21.2	19.4	17.9	18.6		
New Zealand	15-64	66.6	66.5	66.5	62.7	62.2	62.5		
Zealaria	65+	11.2	13.2	12.2	17.9	19.9	18.9		

It is projected that by 2026, the proportion in the 65+ age group will have increased by 70.0 percent in MidCentral DHB compared to an increase of 84.5 percent nationally. The population of young people is predicted to decline by 3.6 percent by 2026 whilst that of working age is predicted to increase by 1.3 percent. Trends for the rest of New Zealand are for modest increases in these two age groups (by 4.6% and 120% respectively). The two population peaks described earlier increase in age to: 15-24 years and 60-69 years.

Table 1:2:Population change, age and gender, 2006 Census, 2026

Location	Age		2006(Base)			2026		Percenta	Percentage increase 2006-2026			
Location	Group	Male	Male Female Total Male Female Total		Total	Male	Female	Total				
	0-14	17580	17060	34620	17160	16210	33360	-2.4	-5.0	-3.6		
MidCentral	15-64	51880	54540	106440	53030	54790	107820	2.2	0.5	1.3		
iviluceritrai	65+	10290	12640	22930	18240	20750	38970	77.3	64.2	70.0		
	Total	79750	84240	163990	88430	91750	180150	10.9	8.9	9.9		
	0-14	454960	433360	888310	477070	451780	928840	4.9	4.3	4.6		
New	15-64	1364450	1420210	2784650	1545220	1573770	3119010	13.2	10.8	12.0		
Zealand	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



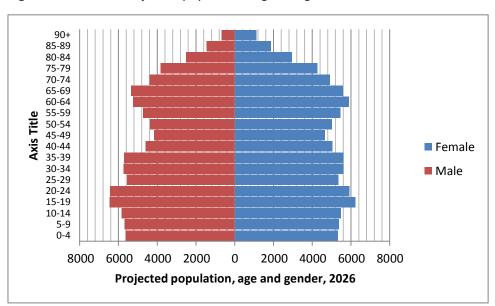


Figure 2: Projected population, age and gender, 2026

1.3 Population Distribution by Ethnicity

The MidCentral Māori population is younger than both the non-Māori and total MidCentral populations. The Māori population is dominated by young people (peak population 0-4 years). By comparison the non-Māori population is dominated by those of working age; peak populations occur at 15-19 and 40-49 years.

Over the period 2006-2026, the Māori population will increase across all age categories. By comparison the non-Māori population is expected to decline in both the 0-14 and 15-65 age categories (by 13.2% and 5.1% respectively).

Despite the largest population rise being predicted to occur in the 65+ age group (210%), the predicted Māori population in 2026 will still be dominated by young people, with the peak population remaining at 0-4 years. Over the same period the non-Māori population is predicted to become dominated by older people with peak population occurring at 60-69 years.

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

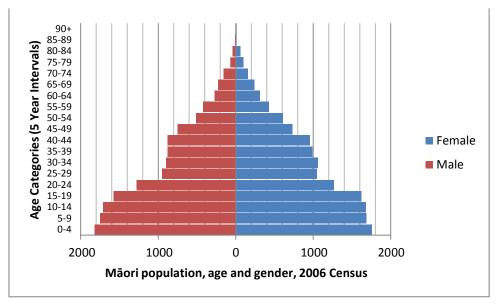


Figure 4: Non-Māori population, age and gender, 2006 Census

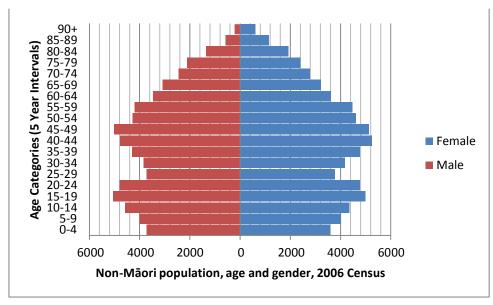


Table 1:3: Māori population change, age and gender, 2006 Census, 2026

Location	Age	2006(Base)				2026		Percentage increase 2006-2026			
Location	Group	Male	Female	Total	Male	Female Total		Male	Female	Total	
	0-14	5280	5130	10410	6320	6030	12350	19.7	17.5	18.6	
MidCentral	15-64	8420	9030	17470	11460	11950	23380	36.1	32.3	33.8	
ivilucentral	65+	510	580	1090	1580	1820	3380	209.8	213.8	210.1	
	Total	14210	14740	28970	19360	19800	39110	36.2	34.3	35.0	
	0-14	110480	104810	215310	132290	125860	258150	19.7	20.1	19.9	
New	15-64	183640	199700	383320	236750	246600	483350	28.9	23.5	26.1	
Zealand	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		2006(Base)			2026		Percentage increase 2006-2026			
Location	Group	Male	Female	Total	Male	Female	Total	Male	Female	Total	
	0-14	12300	11930	24210	10840	10180	21010	-11.9	-14.7	-13.2	
NA: dCombus	15-64	43460	45510	88970	41570	42840	84440	-4.3	-5.9	-5.1	
MidCentral	65+	9780	12060	21840	16660	18930	35590	70.3	57.0	63.0	
	Total	65540	69500	135020	69070	71950	141040	5.4	3.5	4.5	
	0-14	344480	328550	673000	344780	325920	670690	0.1	-0.8	-0.3	
New	15-64	1180810	1220510	2401330	1308470	1327170	2635660	10.8	8.7	9.8	
Zealand	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

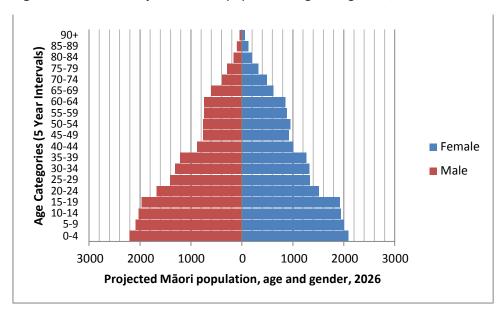
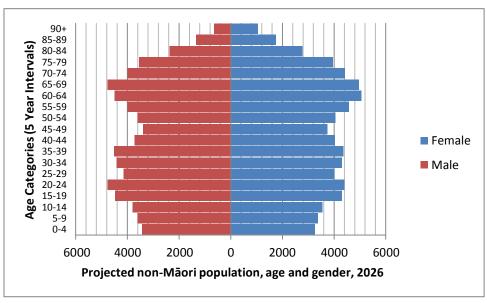


Figure 6: Projected non-Māori population, age and gender, 2026



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).

In MidCentral DHB, with the exception of deciles 1 and 2, the proportion of communities in each NZDep06 deprivation decile is spread relatively evenly across the levels of deprivation. Whilst non-Māori show no trends in distribution across the range of deciles, Māori representation increases with each deprivation deciles up to decile nine, after which there is a small decrease. However the difference between Māori and non-Māori and the trend for Māori to be over-represented in the lower income deciles is much less pronounced in MidCentral DHB than in New Zealand as a whole.

Figure 7: Distribution of MidCentral DHB Area Units across NZDep06 Decile Groups, 2006 Census

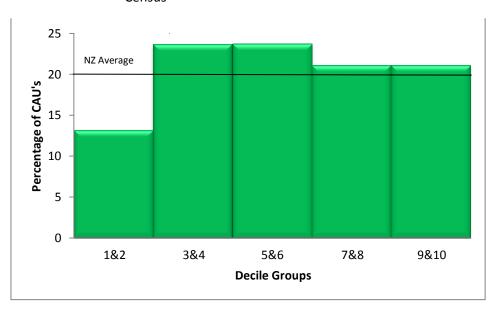


Figure 8: MidCentral DHB population, ethnicity and NZDep06 Decile

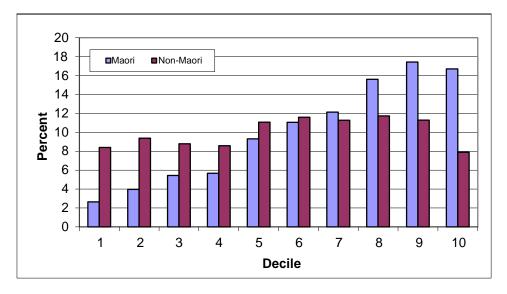
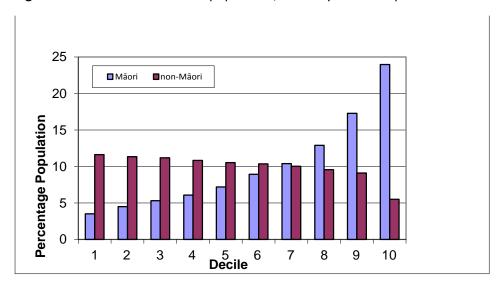


Figure 9: New Zealand population, ethnicity and NZDep06 Decile



2.2 Education

The population of MidCentral DHB has a lower proportion of university graduates (degree level and above) (11.7%), compared to the New Zealand population (14.2%). It also has a higher rate of people with no qualifications (26.7% compared to 22.4% for New Zealand).

2.3 Income

The MidCentral DHB population has a lower proportion of the population earning over \$30,000 in personal income; 33.7 percent compared to 37.3 percent for New Zealand. This represents a lower proportion 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 MidCentral DHB population is similar to that for New Zealand (95.0% compared to 94.9%). In terms of type of employment, there is a lower proportion of professionals and managers in the MidCentral (32.7% compared to 36.0% nationally) and a slightly higher proportion of machine operators and labourers (18.3% compared to 16.8% nationally).

2.5 Housing Tenure

Figures for housing tenure in MidCentral DHB are similar to those nationally.

Table 2:1: Proportion of DHB households, housing tenure, 2006 Census

	Unit	Total,	Total,	Total,	Not	Total
		dwelling	dwelling not	dwelling held	elsewhere	
		owned or	owned or	in a family	included	
		partly owned	partly owned	trust by usual		
		by usual	by usual	resident(s)		
		resident(s)	resident(s)			
MidCentral	Number	61623	40014	13071	8190	122901
MidCertifal	Percentage	50.1	32.6	10.6	6.7	100.0
New Zealand	Number	743955	451965	167925	90333	1454178
New Zedialiu	Percentage	51.2	31.1	11.6	6.2	100.0

2.6 Communications and Transport

Fewer people have access to the internet in MidCentral DHB (54.8%) compared to New Zealand overall (58.0%).

Access to a motor vehicle in MidCentral DHB is similar to national levels.

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 MidCentral DHB district, in comparison to all New Zealanders.

Key points

- Four of the top five leading causes of avoidable mortality were the same for Māori and non-Māori. These were ischaemic heart disease, lung cancer, motor vehicle accidents, and suicide. Ischaemic heart disease, motor vehicle accidents, suicide, and lung cancer were leading causes for both the MidCentral DHB and New Zealand as a whole.
- Respiratory infections, angina, gastroenteritis, and dental conditions were four of the top
 five leading causes of avoidable hospitalisations for both Māori and non-Māori. In the
 MidCentral DHB, the leading causes of avoidable hospitalisations were comparable to those
 nationally; respiratory infections, angina, gastroenteritis, and dental conditions.
- Asthma was a leading cause for Māori children 0-4 years while respiratory and cardiovascular disorders specific to the perinatal period were leading causes for non-Māori children.
- Respiratory infections, dental conditions, injuries to the elbow and arm, and ENT infections
 were leading causes of hospitalisations for Māori and non-Māori children in the 5-14 year
 age group.
- Diabetes was a leading cause of mortality for older Māori while colorectal cancer was a leading cause for older non-Māori. In the MidCentral DHB, breast cancer was a leading cause for older women while COPD was a leading cause for older men.
- The leading causes of hospitalisations for older people varied between Māori and non-Māori. COPD, diabetes, and general symptoms and signs were leading causes for older Māori people while ischaemic heart disease, other forms of heart disease, and skin cancers were leading causes for older non-Māori people.
- The hospitalisation rate for ischaemic heart disease in the MidCentral DHB was statistically significantly higher than the national rate.
- The rate of COPD hospitalisation for Māori was significantly higher than non-Māori. However, the MidCentral DHB had a statistically significantly lower COPD hospitalisation rate compared to that observed nationally.
- The local melanoma registration rate for Māori was statistically significantly lower than the national rate.
- The unintentional injury hospitalisation rate for the 15-24 year age group was statistically significantly lower for Māori women compared to non-Māori women.

3.1 Avoidable Mortality

Overall, the avoidable mortality rate for MidCentral DHB did not differ between Māori and non-Māori (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% c	95% confidence		ASR	95% confidence		idence		
MidCentral	Female	183.3	-21.7	-	388.4	85.5	25.1	-	145.8	96.1	39.5	-	152.6	
	Male	273.3	13.2	-	533.4	141.1	59.4	-	222.9	152.9	79.4	-	226.5	
	Total	226.0	62.4	-	389.7	112.9	62.1	-	163.6	123.9	77.7	-	170.1	
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

Four of the top five leading causes of avoidable mortality were the same for Māori and non-Māori (Table 3:2). These were ischaemic heart disease, lung cancer, motor vehicle accidents, and suicide. Diabetes was a leading cause for Māori while birth defects was a leading cause for non-Māori.

Table 3:2: Leading causes of avoidable mortality, ethnicity, 0-74 years, 2006-08

	MidCentral DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Lung cancer	2	Lung cancer	2
	Motor vehicle accidents	3	Diabetes	3
	Suicide and self-inflicted injuries	4	Motor vehicle accidents	4
	Diabetes	5	Suicide and self-inflicted injuries	5
non-Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Motor vehicle accidents	2	Suicide and self-inflicted injuries	2
	Suicide and self-inflicted injuries	3	Lung cancer	3
	Birth defects	4	Motor vehicle accidents	4
	Lung cancer	5	Colorectal cancer	5

Ischaemic heart disease, motor vehicle accidents, suicide, and lung cancer were leading causes for both the MidCentral DHB and New Zealand as a whole (Table 3:3). Breast cancer and birth defects were leading causes for women while suicide and colorectal cancer were leading causes for men.

Table 3:3: Leading causes of avoidable mortality, gender, 0-74 years, 2006-08

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

3.3 Avoidable Hospitalisations

There was no statistically significant difference in the rate of avoidable hospitalisations for Māori and non-Māori in the MidCentral DHB (Table 3:4).

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% cc	nfi	dence	ASR	95% c	onfi	dence	ASR	95% c	onfi	dence
MidCentral	Female	3654.4	2719.5	-	4589.2	3163.0	2671.1	-	3654.9	3209.5	2789.1	-	3629.9
	Male	4331.2	3287.2	-	5375.1	3625.0	3090.9	-	4159.1	3684.7	3230.8	-	4138.7
	Total	3977.3	3280.2	-	4674.3	3395.6	3032.1	-	3759.2	3446.3	3136.9	-	3755.8
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

Four of the top five leading causes of avoidable hospitalisations were the same for Māori and non-Māori (Table 3:5). These were respiratory infections, angina, gastroenteritis, and dental conditions. Asthma was a leading for Māori while ENT infections was a leading cause for non-Māori.

Table 3:5: Leading causes of avoidable hospitalisations, ethnicity, 0-74 years, 2007-09

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

In the MidCentral DHB, the leading causes of avoidable hospitalisations were comparable to those nationally; respiratory infections, angina, gastroenteritis, and dental conditions were among the top five for MidCentral DHB (Table 3:6). Dental conditions and cellulitis were two of the top five causes of avoidable hospitalisations for women in the MidCentral DHB.

Table 3:6: Leading causes of avoidable hospitalisations, gender, 0-74 years, 2007-09

	MidCentral DHB		New Zealand		
	Condition	Rank	Condition	Rank	
Female	Respiratory infections	1	Respiratory infections	1	
	Gastroenteritis	2	Gastroenteritis	2	
	Angina	3	Dental conditions	3	
	Dental conditions	4	ENT infections	4	
	Cellulitis	5	Cellulitis	5	
Male	Respiratory infections	1	Respiratory infections	1	
	Angina	2	Gastroenteritis	2	
	Gastroenteritis	3	ENT infections	3	
	Asthma	4	Dental conditions	4	
	ENT infections	5	Angina	5	
Total	Respiratory infections	1	Respiratory infections	1	
	Angina	2	Gastroenteritis	2	
	Gastroenteritis	3	Dental conditions	3	
	Dental conditions	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 unintentional injury mortality rate between Māori and non-Māori (Table 3:7).

Table 3:7: Unintentional injury mortality, all ages, age-standardised rates per 100,000 (and 95% confidence intervals), 2006-08

			Māori			non-Mā	ori		Total				
		ASR	95% c	onf	idence	ASR	95% co	nfi	dence	ASR	95% cor	nfic	lence
MidCentral	Female	32.6	-55.3	-	120.5	11.8	-16.3	-	40.0	15.6	-12.7	-	43.9
	Male	56.9	-68.0	-	181.7	38.4	-12.6	-	89.4	39.6	-5.2	-	84.3
	Total	43.5	-29.8	-	116.9	24.9	-4.1	-	54.0	27.3	1.0	-	53.6
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

3.6 Unintentional Injury Hospitalisations

The unintentional injury hospitalisation rate did not differ statistically significantly between Māori and non-Māori (Table 3:8).

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% co	95% confidence		ASR	95% confidence		ASR	95% confidence			
MidCentral	Female	1029.2	527.7	-	1530.6	1238.9	936.4	-	1541.5	1197.5	942.5	-	1452.4
	Male	2219.6	1473.9	-	2965.3	2194.4	1792.8	-	2595.9	2200.6	1852.7	-	2548.4
	Total	1613.6	1168.1	-	2059.2	1715.3	1464.1	-	1966.4	1696.4	1481.2	-	1911.6
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

Four of top five leading causes of hospitalisations for children 0-4 years were the same for Māori and non-Māori (Table 3:9). Asthma was a leading cause for Māori children while respiratory and cardiovascular disorders specific to the perinatal period was a leading cause for non-Māori children.

Table 3:9: Leading causes of hospitalisations, ethnicity, 0-4 years, 2007-09

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

Note: ENT infections= ear, nose and throat infections

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

In the MidCentral DHB the leading causes of hospitalisations for children under 5 years old were comparable to those nationally (Table 3:10). These were respiratory infections disorders related to the length of gestation and fetal growth, persons encountering health services in other circumstances, and gastro-oesophageal reflux disease.

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

Table 3:10: Leading causes of hospitalisations, gender, 0-4 years, 2007-09

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

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

Respiratory infections, dental conditions, injuries to the elbow and arm, and ENT infections were leading causes of hospitalisations for Māori and non-Māori children in the 5-14 year age group (Table 3:11). Asthma was a leading cause for Māori children while injuries to the head was a leading cause for non-Māori children.

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

Table 3:11: Leading causes of hospitalisations, ethnicity, 5-14 years, 2007-09

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

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

Four of the leading causes of hospitalisations for children 5-14 years of age in the MidCentral DHB were the same as those in New Zealand in total (Table 3:12). These were respiratory infections, dental conditions, injuries to the elbow and forearm, and ENT infections. Symptoms and signs involving the digestive system and abdomen is a leading cause for girls while injuries to the head was a leading cause for boys.

^{*} 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.

Table 3:12: Leading causes of hospitalisations, gender, 5-14 years, 2007-09

	MidCentral DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Respiratory infections	1	Dental conditions	1
	Dental conditions	2	Respiratory infections	2
	Injuries to the elbow and forearm	3	ENT infections	3
	ENT infections	4	Injuries to the elbow and forearm	4
	Symptoms and signs involving the digestive system and abdomen	5	*Persons encountering health services for specific procedures and health care	5
Male	Respiratory infections	1	Dental conditions	1
	Injuries to the elbow and forearm	2	Respiratory infections	2
	Dental conditions	3	Injuries to the elbow and forearm	3
	ENT infections	4	ENT infections	4
	Injuries to the head	5	Injuries to the head	5
Total	Respiratory infections	1	Dental conditions	1
	Dental conditions	2	Respiratory infections	2
	Injuries to the elbow and forearm	3	Injuries to the elbow and forearm	3
	ENT infections	4	ENT infections	4
	Injuries to the head	5	Persons encountering health services for specific procedures and health care	5

^{*} 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

Ischaemic heart disease, lung cancer, COPD, and stroke were in the top five leading causes of mortality for both older Māori and non-Māori people (Table 3:13). Diabetes was a leading cause for Māori while colorectal cancer was a leading cause for non-Māori.

Table 3:13: Leading causes of mortality, ethnicity, 65+ years, 2006-08

	MidCentral DHB		New Zealand	
	Condition	Rank	Condition	Rank
Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Lung cancer	2	Lung cancer	2
	COPD	3	COPD	3
	Diabetes	4	Diabetes	4
	Stroke	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

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

The MidCentral DHB had the same leading causes of mortality for older people as those nationally: ischaemic heart disease, lung cancer, stroke, COPD, and colorectal cancer (Table 3:14). Breast cancer was a leading cause for older women while COPD was a leading cause for older men.

Table 3:14: Leading causes of mortality, gender, 65+ years, 2006-08

	MidCentral DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Ischaemic heart disease	1	Ischaemic heart disease	1
	Stroke	2	Stroke	2
	Lung cancer	3	COPD	3
	Colorectal cancer	4	Lung cancer	4
	Breast cancer (female only)	5	Colorectal cancer	5
Male	Ischaemic heart disease	1	Ischaemic heart disease	1
	Lung cancer	2	Lung cancer	2
	COPD	3	COPD	3
	Colorectal cancer	4	Stroke	4
	Stroke	5	Colorectal cancer	5
Total	Ischaemic heart disease	1	Ischaemic heart disease	1
	Lung cancer	2	Stroke	2
	Stroke	3	COPD	3
	COPD	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

The leading causes of hospitalisations for older people varied between Māori and non-Māori (Table 3:15). COPD, diabetes, and general symptoms and signs were leading causes for older Māori people while ischaemic heart disease, other forms of heart disease, and skin cancers were leading causes for older non-Māori people.

Table 3:15: Leading causes of hospitalisations, ethnicity, 65+ years, 2007-09

	MidCentral DHB		New Zealand		
	Condition	Rank	Condition	Rank	
Māori	Angina	1	*Persons encountering health services for specific procedures and health care	1	
	COPD	2	COPD	2	
	Respiratory infections	3	Respiratory infections		
	Diabetes	4	Diabetes	4	
	General symptoms and signs	5	Angina	5	
non- Māori	Angina	1	Persons encountering health services for specific procedures and health care	1	
	Ischaemic heart disease	2	Angina	2	
	Respiratory infections	3	Respiratory infections	3	
	Other forms of heart disease	4	Ischaemic heart disease	4	
	Skin cancers	5	Other forms of heart disease	5	

Note: COPD=chronic obstructive pulmonary disease

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

In the MidCentral DHB, the leading causes of hospitalisations for older people were comparable to those nationally (Table 3:16). COPD was a leading cause for older people in the MidCentral DHB and persons encountering health services for specific procedures and health care was leading cause for older people in New Zealand.

^{*} 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.

Table 3:16: Leading causes of hospitalisations, gender, 65+ years, 2007-09

	MidCentral DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Angina	1	*Persons encountering health services	1
			for specific procedures and health care	
	Respiratory infections	2	Angina	2
	Ischaemic heart disease	3	Respiratory infections	3
	Other forms of heart disease	4	COPD	4
	Disorders of lens	5	Other forms of heart disease	5
Male	Angina	1	Persons encountering health services for	1
			specific procedures and health care	
	Ischaemic heart disease	2	Angina	2
	Respiratory infections	3	Respiratory infections	3
	Other forms of heart disease	4	Ischaemic heart disease	4
	Skin cancers	5	Other forms of heart disease	5
Total	Angina	1	Persons encountering health services for	1
			specific procedures and health care	
	Ischaemic heart disease	2	Angina	2
	Respiratory infections	3	Respiratory infections	3
	Other forms of heart disease	4	Ischaemic heart disease	4
	COPD	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 MidCentral DHB are available in the appendices 2-4. Key points are listed here.

3.9.1 Chronic conditions

The hospitalisation rate for ischaemic heart disease in the MidCentral DHB was statistically significantly higher than the national rate (Appendix 3: Table 3.1.3). The rate of COPD hospitalisation for Māori was statistically significantly higher than non-Māori. However, the MidCentral DHB had a statistically significantly lower COPD hospitalisation rate compared to that observed nationally (Appendix 3: Table 3.1.27).

3.9.2 Cancer

The local melanoma registration rate for Māori was statistically significantly lower than the national rate (Appendix 4: Table 4.1.6).

3.9.3 Other conditions

The unintentional injury hospitalisation rate for the 15-24 year age group was statistically significantly lower for Māori women compared to non-Māori women; however the rate of unintentional injury hospitalisation was statistically significantly higher for the MidCentral DHB than the national rate (Append 3: Table 3.1.14).

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 MidCentral 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 MidCentral DHB, 77.7 percent of Māori children had received all specified immunisation vaccines by the age of two, which was lower than the non-Māori rate.
- Over half of Māori people aged 65 years and over either received an influenza vaccine, or had an agreement made by a primary health provider to receive an influenza vaccine in the past 12 months. This was lower than the non-Māori coverage rate.
- Of eligible women in the MidCentral DHB aged 50-64 years, more than half of Māori women had a mammogram to check for early signs of breast cancer in the past two years which was lower than the non-Māori rate (68.4%).
- Of Māori women aged 20 to 69 years in the MidCentral DHB who had a primary health care provider, 54.7percent had a cervical smear in the past three years which was lower than the non-Māori percentage (75.1%).

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 MidCentral DHB, 77.7 percent of Māori children had received all specified immunisation vaccines by the age of two, which was lower than the non-Māori rate (Table 4:1). The coverage rate was also higher for Lakes DHB (81.6%) than that observed nationally.

Table 4:1: Full immunisation coverage at two years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
MidCentral DHB	77.7%	83.0%	81.6%
New Zealand	72.0%	79.4%	77.7%

4.2 Influenza Vaccine Coverage at 65+ Years

In the MidCentral DHB, 54.4 percent of Māori people aged 65 years and over either received an influenza vaccine, or had an agreement made by a primary health provider to receive an influenza vaccine in the past 12 months (Table 4:2). This rate was lower than the non-Māori rate and was exactly the same as the Māori national rate (54.4%).

Table 4:2: Influenza vaccinations in the last 12 months, 65+ years, percent, ethnicity, 2009-

DHB	Māori	non-Māori	Total		
MidCentral DHB	54.4%	58.1%	58.8%		
New Zealand	54.4%	60.9%	60.5%		

4.3 Breast Cancer Screening

Of women in the MidCentral DHB aged 50-64 years, 66 percent had a mammogram to check for early signs of breast cancer in the past two years, which was higher than the national percentage (63.7%) (Table 4:3). The coverage rate for Māori women was lower than that for non-Māori women (68.4%), but higher than the Māori national rate (51.5%).

Table 4:3: Breast screening coverage, 50-64 years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
MidCentral DHB	53.4%	68.4%	66.0%
New Zealand	51.5%	65.0%	63.7%

4.4 Cervical Cancer Screening

Of women aged 20 to 69 years in the MidCentral DHB who had a primary health care provider, 81.5 percent had a cervical smear in the past three years, which was higher than the national percentage (Table 4:4). The coverage rate for Māori women (54.7%) was lower compared to non-Māori women (75.1%).

Table 4:4: Had cervical smear in the last three years, 20-69 years, percent, ethnicity, 2009-10

DHB	Māori	non-Māori	Total
MidCentral DHB	54.7%	75.1%	81.5%
New Zealand	54.4%	75.5%	72.6%

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Appendix 1

Demographic Tables

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Table 1.1.1. Projected	TOTAL PODUIATION	DV Age allu Sex at	30 Julie 2007	(2000-base)

Location	Age Group		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	ე06-2026
Location	Age Group	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
	0-14	17,580	17,060	34,620	17,370	16,640	34,010	17,450	16,530	33,960	17,580	16,600	34,180	17,160	16,210	33,360	- 2.4	- 5.0	- 3.6
Mid Central	15-64	51,880	54,540	106,440	53,550	55,990	109,540	53,580	56,030	109,590	53,410	55,460	108,870	53,030	54,790	107,820	2.2	0.5	1.3
wiid Ceritrai	65+	10,290	12,640	22,930	12,310	14,430	26,760	14,000	16,140	30,140	15,900	18,330	34,220	18,240	20,750	38,970	77.3	64.2	70.0
	Total	79,750	84,240	163,990	83,230	87,060	170,310	85,030	88,700	173,690	86,890	90,390	177,270	88,430	91,750	180,150	10.9	8.9	9.9
	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
New	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
Zealand	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												
Mid Central	1,180	1,120	2,290	1,170	1,110	2,280	1,140	1,080	2,210	1,120	1,060	2,190	1,110	1,050	2,160	- 5.9 -	6.3 -	5.7
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,360	4,210	8,570	4,860	4,590	9,450	4,660	4,430	9,090	4,560	4,330	8,880	4,520	4,290	8,810	3.7	1.9	2.8
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	5,750	5,690	11,440	5,670	5,400	11,070	6,060	5,720	11,780	5,810	5,500	11,310	5,690	5,380	11,070	- 1.0 -	- 5.4 -	3.2
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	6,290	6,040	12,320	5,670	5,540	11,210	5,590	5,300	10,880	6,090	5,710	11,800	5,840	5,490	11,320	- 7.2 -	9.1 -	8.1
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 Ve	ars by Sex at 30 Jun	e 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	6,630	6,610	13,240	6,540	6,460	13,000	6,130	6,170	12,300	5,940	5,810	11,750	6,450	6,220	12,660	- 2.7 -	- 5.9 -	4.4
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	6,080	6,030	12,100	7,310	6,810	14,120	7,150	6,660	13,800	6,620	6,270	12,900	6,440	5,910	12,350	5.9	2.0	2.1
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,670	4,830	9,500	5,260	5,190	10,450	6,090	5,720	11,810	6,080	5,730	11,810	5,560	5,350	10,910	19.1	10.8	14.8
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,750	5,230	9,990	4,430	4,900	9,330	4,750	5,080	9,830	5,760	5,610	11,360	5,740	5,620	11,370	20.8	7.5	13.8
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	5,180	5,760	10,940	4,520	4,980	9,510	4,360	4,810	9,160	4,710	5,100	9,810	5,720	5,620	11,340	10.4	- 2.4	3.7
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	5,650	6,200	11,850	5,090	5,730	10,820	4,620	5,220	9,840	4,260	4,760	9,020	4,610	5,050	9,660	- 18.4 -	18.5 -	18.5
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 -	3.6 -	1.9

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

		2006(Base)			2012			2016			2021			2026		% Population	on Change 200	J6-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	5,770	5,850	11,620	5,350	5,890	11,240	4,960	5,590	10,550	4,500	5,120	9,620	4,160	4,660	8,810	- 27.9 -	20.3 -	24.2
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,790	5,210	10,010	5,660	5,900	11,550	5,380	5,950	11,330	4,830	5,480	10,310	4,380	5,010	9,390	- 8.6 -	3.8 -	6.2
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,630	4,890	9,530	4,790	5,270	10,060	5,490	5,680	11,170	5,260	5,910	11,170	4,730	5,450	10,190	2.2	11.5	6.9
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	3,730	3,930	7,660	4,600	4,860	9,460	4,650	5,150	9,800	5,450	5,670	11,120	5,240	5,900	11,140	40.5	50.1	45.4
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		% Populati	on Change 20)06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	3,310	3,460	6,770	3,850	4,020	7,870	4,500	4,800	9,300	4,580	5,080	9,660	5,360	5,590	10,950	61.9	61.6	61.7
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		% Populati	on Change 20	J06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	2,610	2,930	5,540	3,230	3,500	6,730	3,500	3,730	7,230	4,290	4,620	8,900	4,390	4,910	9,290	68.2	67.6	67.7
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	2,180	2,500	4,680	2,340	2,680	5,020	2,750	3,050	5,800	3,100	3,450	6,550	3,830	4,280	8,100	75.7	71.2	73.1
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,390	1,970	3,370	1,700	2,110	3,810	1,780	2,250	4,030	2,210	2,600	4,810	2,520	2,970	5,490	81.3	50.8	62.9
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	580	1,150	1,720	860	1,350	2,220	1,030	1,420	2,450	1,130	1,530	2,660	1,450	1,880	3,320	150.0	63.5	93.0
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)	Ü	,	2012	,		2016			2021			2026		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	220	630	850	330	770	1,110	440	890	1,330	590	1,050	1,640	690	1,120	1,820	213.6	77.8	114.1
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	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	79,800	84,200	164,000	83,200	87,100	170,300	85,000	88,700	173,700	86,900	90,400	177,300	88,400	91,700	180,200	10.8	8.9	9.9
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, Drainstad	Māari Danulatian	by Ago and Coy at 20	June 2007 (2006-Base)
Table 17.1. Projected	Maori Ponillation	nv age and Sex at 30	1 lune 2007 (2006-Base)

Location	Age Group		2006(Base)			2012			2016			2021			2026		% Populat	ion Change 2	006-2026
Location	Age Group	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
	0-14	5,280	5,130	10,410	5,700	5,460	11,160	5,960	5,700	11,670	6,280	5,980	12,250	6,320	6,030	12,350	19.7	17.5	18.6
Mid Central	15-64	8,420	9,030	17,470	9,440	10,040	19,470	10,010	10,630	20,620	10,670	11,180	21,840	11,460	11,950	23,380	36.1	32.3	33.8
iviiu Ceritrai	65+	510	580	1,090	730	880	1,590	930	1,080	2,000	1,190	1,440	2,610	1,580	1,820	3,380	209.8	213.8	210.1
	Total	14,210	14,740	28,970	15,870	16,380	32,220	16,900	17,410	34,290	18,140	18,600	36,700	19,360	19,800	39,110	36.2	34.3	35.0
	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
New	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
Zealand	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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	400	390	790	430	410	840	430	410	840	440	410	850	450	430	880	13	10	11
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	13	14

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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,420	1,370	2,790	1,720	1,640	3,360	1,710	1,620	3,330	1,710	1,620	3,330	1,750	1,660	3,410	23.2	21.2	22.2
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,750	1,690	3,440	1,870	1,770	3,640	2,100	2,010	4,110	2,090	2,000	4,080	2,090	2,000	4,090	19.4	18.3	18.9
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	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,710	1,680	3,390	1,680	1,640	3,320	1,720	1,660	3,390	2,040	1,950	3,990	2,030	1,940	3,970	18.7	15.5	17.1
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	N 4 =: D - +!	A 1 1 F 10 V	h., Ca., at 20 live	2007 (2006 D)
Table 176, Projected	Maori Ponillation	Aged 15-19 Years	nv sex at 30 iline	2 7007 (700b-Rase)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20)06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,580	1,620	3,210	1,640	1,650	3,290	1,650	1,630	3,280	1,670	1,650	3,320	1,970	1,920	3,890	24.7	18.5	21.2
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,280	1,270	2,550	1,620	1,520	3,140	1,660	1,530	3,190	1,660	1,490	3,150	1,680	1,510	3,190	31	19	25
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	13	20

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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	950	1,050	2,000	1,100	1,160	2,260	1,340	1,340	2,680	1,400	1,360	2,760	1,410	1,330	2,730	48	27	37
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	17	26

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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	900	1,060	1,960	890	980	1,870	950	1,060	2,010	1,260	1,290	2,540	1,310	1,320	2,630	46	25	34
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	14	25

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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	880	990	1,860	830	1,000	1,830	830	970	1,800	910	1,030	1,940	1,210	1,260	2,470	37.5	27.3	32.8
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	n Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	880	960	1,850	850	1,000	1,850	830	1,010	1,830	790	940	1,740	880	1,010	1,880	-	5.2	1.6
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 -	1.3 -	2.8

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	750	730	1,480	850	950	1,800	810	940	1,740	790	980	1,770	760	920	1,680	1.3	26.0	13.5
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	510	610	1,120	740	740	1,470	810	910	1,720	770	910	1,680	760	950	1,710	49.0	55.7	52.7
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	420	430	860	510	620	1,130	670	680	1,350	780	880	1,660	740	880	1,620	76.2	104.7	88.4
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)

			0			0. (-000 -0												
		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20)06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	270	310	580	410	420	830	460	560	1,020	640	650	1,280	740	850	1,580	174.1	174.2	172.4
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		% Populati	on Change 20)06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	230	240	460	260	310	570	370	390	760	430	540	960	600	620	1,210	160.9	158.3	163.0
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	160	160	320	220	250	470	230	280	500	330	360	690	390	490	880	143.8	206.3	175.0
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	70	100	170	130	150	270	180	190	370	200	250	440	290	320	610	314.3	220.0	258.8
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		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	40	60	100	80	100	170	100	120	220	140	160	300	160	200	360	300.0	233.3	260.0
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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	10	10	20	30	50	80	40	70	110	70	90	160	100	130	220	900.0	1,200.0	1,000.0
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)

	,	don ropulation				(,											
		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	-	10	20	10	20	30	10	30	40	20	40	60	40	60	100	/	500.0	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		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	14,200	14,800	29,000	15,900	16,400	32,200	16,900	17,400	34,300	18,100	18,600	36,700	19,300	19,800	39,100	35.9	33.8	34.8
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 Popul	ation by Age a	nd Sex at 30 June	2007 (2006-Base)

Location	Age Group		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
Location	Age Group	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
	0-14	12,300	11,930	24,210	11,670	11,180	22,850	11,490	10,830	22,290	11,300	10,620	21,930	10,840	10,180	21,010	- 11.9 -	14.7 -	13.2
Mid Central	15-64	43,460	45,510	88,970	44,110	45,950	90,070	43,570	45,400	88,970	42,740	44,280	87,030	41,570	42,840	84,440	- 4.3 -	5.9	5.1
Wild Certifal	65+	9,780	12,060	21,840	11,580	13,550	25,170	13,070	15,060	28,140	14,710	16,890	31,610	16,660	18,930	35,590	70.3	57.0	63.0
	Total	65,540	69,500	135,020	67,360	70,680	138,090	68,130	71,290	139,400	68,750	71,790	140,570	69,070	71,950	141,040	5.4	3.5	4.5
	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
New	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
Zealand	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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	780	730	1,500	740	700	1,440	710	670	1,370	680	650	1,340	660	620	1,280	- 15.4 -	15.1 -	14.7
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 2007-26 (2006-Base)

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		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	ე6-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	2,940	2,840	5,780	3,140	2,950	6,090	2,950	2,810	5,760	2,850	2,710	5,550	2,770	2,630	5,400	- 5.8	7.4 -	6.6
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 200)6-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,000	4,000	8,000	3,800	3,630	7,430	3,960	3,710	7,670	3,720	3,500	7,230	3,600	3,380	6,980	- 10.0 -	15.5 -	12.8
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 200	J6-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,580	4,360	8,930	3,990	3,900	7,890	3,870	3,640	7,490	4,050	3,760	7,810	3,810	3,550	7,350	- 16.8 -	18.6 -	17.7
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

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lan	ne i -	s.b:	Projected	Non	IVIAOri	PODIJIATION	Agen	15-19	years n	v sex at	' 30 IIIne	7007-76	(2006-Base)	

		2006(Base)			2012			2016			2021			2026		% Populatio	on Change 200)6-2026	l
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	j
Mid Central	5,050	4,990	10,030	4,900	4,810	9,710	4,480	4,540	9,020	4,270	4,160	8,430	4,480	4,300	8,770	- 11.3 -	13.8 -	12.6	
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	ე6-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,800	4,760	9,550	5,690	5,290	10,980	5,490	5,130	10,610	4,960	4,780	9,750	4,760	4,400	9,160	- 0.8 -	7.6 -	4.1
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

Table 1.3.8: Projected Non Māori Population Aged 25-29 Years by Sex at 30 June 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	3,720	3,780	7,500	4,160	4,030	8,190	4,750	4,380	9,130	4,680	4,370	9,050	4,150	4,020	8,180	11.6	6.3	9.1
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 2007-26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	3,850	4,170	8,030	3,540	3,920	7,460	3,800	4,020	7,820	4,500	4,320	8,820	4,430	4,300	8,740	15.1	3.1	8.8
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 2007-26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,300	4,770	9,080	3,690	3,980	7,680	3,530	3,840	7,360	3,800	4,070	7,870	4,510	4,360	8,870	4.9	8.6 -	2.3
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,770	5,240	10,000	4,240	4,730	8,970	3,790	4,210	8,010	3,470	3,820	7,280	3,730	4,040	7,780	- 21.8 -	- 22.9 -	22.2
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

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		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	5,020	5,120	10,140	4,500	4,940	9,440	4,150	4,650	8,810	3,710	4,140	7,850	3,400	3,740	7,130	- 32.3 -	27.0 -	29.7
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 2007-26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,280	4,600	8,890	4,920	5,160	10,080	4,570	5,040	9,610	4,060	4,570	8,630	3,620	4,060	7,680	- 15.4 -	11.7 -	13.6
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	4,210	4,460	8,670	4,280	4,650	8,930	4,820	5,000	9,820	4,480	5,030	9,510	3,990	4,570	8,570	- 5.2	2.5 -	1.2
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 2007-26 (2006-Base)

	-	2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	3,460	3,620	7,080	4,190	4,440	8,630	4,190	4,590	8,780	4,810	5,020	9,840	4,500	5,050	9,560	30.1	39.5	35.0
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	3,080	3,220	6,310	3,590	3,710	7,300	4,130	4,410	8,540	4,150	4,540	8,700	4,760	4,970	9,740	54.5	54.3	54.4
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	2,450	2,770	5,220	3,010	3,250	6,260	3,270	3,450	6,730	3,960	4,260	8,210	4,000	4,420	8,410	63.3	59.6	61.1
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	2,110	2,400	4,510	2,210	2,530	4,750	2,570	2,860	5,430	2,900	3,200	6,110	3,540	3,960	7,490	67.8	65.0	66.1
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 2007-26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	1,350	1,910	3,270	1,620	2,010	3,640	1,680	2,130	3,810	2,070	2,440	4,510	2,360	2,770	5,130	74.8	45.0	56.9
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 2007–26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	570	1,140	1,700	830	1,300	2,140	990	1,350	2,340	1,060	1,440	2,500	1,350	1,750	3,100	136.8	53.5	82.4
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 2007-26 (2006-Base)

		2006(Base)			2012			2016			2021			2026		% Populati	on Change 20	006-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	220	620	830	320	750	1,080	430	860	1,290	570	1,010	1,580	650	1,060	1,720	195.5	71.0	107.2
New Zealand	100	230	330	140	340	470	190	380	560	230	430	670	280	450	740	180.0	95.7	124.2

Table 1.3.22: Projected Non Māori Population by Sex at 30 June 2007–26 (2006-Base)

	-,		,															
		2006(Base)			2012			2016			2021			2026		% Population	on Change 20	06-2026
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mid Central	65,540	69,500	135,020	67,360	70,680	138,090	68,130	71,290	139,400	68,750	71,790	140,570	69,070	71,950	141,040	5.4	3.5	4.5
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
Mid Central	Number	5,340	5,700	6,174	6,381	5,649	4,299	4,602	4,995	5,541
iviiu Ceriti ai	Percentage	6.9	7.4	8.0	8.3	7.3	5.6	6.0	6.5	7.2
New Zealand	Number	140,382	146,532	157,116	152,439	135,084	117,216	130,884	143,001	150,900
ivevv Zealailu	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
Mid Central	Number	5,514	4,695	4,464	3,636	3,186	2,565	2,142	1,356	765	77,004
iviid Centrai	Percentage	7.2	6.1	5.8	4.7	4.1	3.3	2.8	1.8	1.0	
Now Zoolond	Number	143,055	124,311	115,224	88,338	72,114	55,878	46,356	29,124	17,667	1,965,618
New Zealand	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
Mid Central	Number	5,130	5,625	5,955	6,411	5,652	4,530	5,160	5,601	6,174
wiid Centrai	Percentage	6.3	6.9	7.3	7.8	6.9	5.5	6.3	6.8	7.5
New Zealand	Number	134,694	139,956	148,896	147,762	135,894	125,223	145,677	158,553	162,798
INCW Zedidilu	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
Mid Central	Number	5,634	5,046	4,713	3,876	3,348	2,844	2,451	1,929	1,752	81,837
iviid Ceritrai	Percentage	6.9	6.2	5.8	4.7	4.1	3.5	3.0	2.4	2.1	
Now Zoolond	Number	150,369	128,421	118,347	91,278	76,434	61,056	54,858	43,113	39,000	2,062,329
New Zealand	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
Mid Control	Number	10,470	11,325	12,129	12,792	11,298	8,826	9,762	10,596	11,718
Wild Celltrai	Percentage	6.6	7.1	7.6	8.1	7.1	5.6	6.2	6.7	7.4
New Zealand	Number	275,076	286,488	306,009	300,198	270,978	242,439	276,561	301,554	313,698
INEW Zealallu	Percentage	6.8	7.1	7.6	7.5	6.7	6.0	6.9	7.5	7.8
Mid Central New Zealand	Percentage Number	275,076	286,488	306,009	300,198	270,978	5.6 242,439	276,561	301,554	313,6

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Mid Central	Number	11,148	9,738	9,177	7,515	6,534	5,412	4,593	3,285	2,520	158,841
iviid Centrai	Percentage	7.0	6.1	5.8	4.7	4.1	3.4	2.9	2.1	1.6	
Now Zoolond	Number	293,421	252,729	233,571	179,616	148,545	116,934	101,214	72,237	56,670	4,027,947
New Zealand	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.

Table 1.4.4: Female Population by Ethnicity (2006 Census)

Age Group (years)		Ma	āori			Non	Māori			Total peop	le stated**		Tota	Il people, not els	ewhere include	d***	Total	people
	Mid C	Central	New Z	ealand.	Mid C	entral	New 2	ealand	Mid 0	Central	New 2	ealand	Mid 0	Central	New Z	Zealand	Mid Central	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0-4	1,641	32.8	32,355	25.1	3,357	67.2	96,579	74.9	4,998	135.3	128,934	2,513.3	132	3.6	5,760	112.3	3,693	5,130
5–9	1,605	29.4	32,544	24.2	3,858	70.6	101,832	75.8	5,463	140.9	134,376	2,387.6	159	4.1	5,577	99.1	3,876	5,628
10-14	1,611	27.8	32,379	22.6	4,191	72.2	110,901	77.4	5,802	142.9	143,280	2,404.8	156	3.8	5,613	94.2	4,059	5,958
15-19	1,476	23.6	29,502	20.8	4,788	76.4	112,365	79.2	6,264	180.9	141,867	2,212.9	150	4.3	5,895	92.0	3,462	6,411
20-24	1,110	20.3	22,434	17.4	4,368	79.7	106,608	82.6	5,478	204.3	129,042	2,284.3	171	6.4	6,849	121.2	2,682	5,649
25-29	954	21.7	20,529	17.2	3,447	78.3	98,604	82.8	4,401	150.5	119,133	2,629.9	129	4.4	6,090	134.4	2,925	4,530
30-34	1,002	20.0	21,384	15.3	4,008	80.0	118,290	84.7	5,010	147.3	139,674	2,708.4	147	4.3	6,000	116.3	3,402	5,157
35-39	939	17.2	20,790	13.6	4,518	82.8	131,550	86.4	5,457	142.6	152,340	2,719.9	144	3.8	6,210	110.9	3,828	5,601
40-44	891	14.8	19,905	12.7	5,127	85.2	136,773	87.3	6,018	153.1	156,678	2,537.7	156	4.0	6,120	99.1	3,930	6,174
45-49	675	12.3	16,926	11.7	4,815	87.7	127,536	88.3	5,490	149.9	144,462	2,564.1	147	4.0	5,907	104.8	3,663	5,634
50-54	549	11.2	12,597	10.2	4,347	88.8	110,826	89.8	4,896	155.7	123,423	2,447.4	147	4.7	4,998	99.1	3,144	5,043
55-59	399	8.7	9,762	8.6	4,191	91.3	104,037	91.4	4,590	153.0	113,799	2,414.6	123	4.1	4,548	96.5	3,000	4,713
60-64	297	7.8	6,717	7.6	3,492	92.2	81,159	92.4	3,789	166.2	87,876	2,267.2	87	3.8	3,405	87.8	2,280	3,876
65-69	216	6.6	5,310	7.2	3,057	93.4	68,244	92.8	3,273	176.3	73,554	2,197.0	78	4.2	2,880	86.0	1,857	3,348
70-74	153	5.5	3,471	5.9	2,628	94.5	55,368	94.1	2,781	188.0	58,839	2,066.7	66	4.5	2,217	77.9	1,479	2,847
75-79	99	4.1	2,190	4.1	2,289	95.9	50,607	95.9	2,388	187.7	52,797	2,154.1	63	5.0	2,058	84.0	1,272	2,451
80-84	51	2.7	1,074	2.6	1,821	97.3	40,437	97.4	1,872	201.3	41,511	2,151.9	57	6.1	1,605	83.2	930	1,929
85 and over	24	1.4	609	1.6	1,674	98.6	37,002	98.4	1,698	220.2	37,611	2,143.1	54	7.0	1,389	79.1	771	1,755
Total	13,692	17.2	290,469	14.7	65,976	82.8	1,688,736	85.3	79,668	158.5	1,979,205	2,418.4	2,169	4.3	83,124	101.6	50,256	81,840

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

^{***&#}x27;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)		Ma	āori			Non	Māori			Total peop	le stated**		Tota	l people, not els	sewhere include	d***	Total	people
	Mid C	Central	New Z	ealand.	Mid C	entral	New 2	ealand.	Mid (Central	New 2	ealand	Mid C	Central	New 2	Zealand	Mid Central	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0-4	1,674	32.2	34,071	25.3	3,528	67.8	100,671	74.7	5,202	134.4	134,742	2,626.5	141	3.6	5,640	109.9	3,870	5,130
5–9	1,689	30.4	34,230	24.2	3,867	69.6	106,974	75.8	5,556	135.1	141,204	2,509.0	144	3.5	5,331	94.7	4,113	5,628
10-14	1,641	27.1	34,347	22.7	4,404	72.9	117,129	77.3	6,045	142.1	151,476	2,542.4	129	3.0	5,637	94.6	4,254	5,958
15-19	1,422	22.9	29,031	19.9	4,788	77.1	117,156	80.1	6,210	170.1	146,187	2,280.3	168	4.6	6,252	97.5	3,651	6,411
20-24	1,086	19.9	20,337	16.0	4,380	80.1	107,127	84.0	5,466	204.9	127,464	2,256.4	183	6.9	7,623	134.9	2,667	5,649
25-29	822	19.8	17,577	15.9	3,330	80.2	92,970	84.1	4,152	159.1	110,547	2,440.3	147	5.6	6,669	147.2	2,610	4,530
30-34	816	18.4	18,075	14.5	3,630	81.6	106,272	85.5	4,446	144.0	124,347	2,411.2	156	5.1	6,540	126.8	3,087	5,157
35-39	813	16.8	17,808	13.1	4,017	83.2	118,554	86.9	4,830	143.4	136,362	2,434.6	165	4.9	6,639	118.5	3,369	5,601
40-44	819	15.2	17,367	12.0	4,566	84.8	126,945	88.0	5,385	152.5	144,312	2,337.4	159	4.5	6,588	106.7	3,531	6,174
45-49	678	12.6	14,979	10.9	4,698	87.4	122,079	89.1	5,376	150.6	137,058	2,432.7	135	3.8	5,994	106.4	3,570	5,634
50-54	477	10.4	11,595	9.7	4,119	89.6	107,670	90.3	4,596	155.2	119,265	2,365.0	99	3.3	5,046	100.1	2,961	5,043
55-59	384	8.8	8,868	8.0	3,960	91.2	101,742	92.0	4,344	157.7	110,610	2,346.9	117	4.2	4,614	97.9	2,754	4,713
60-64	234	6.6	6,096	7.2	3,312	93.4	78,822	92.8	3,546	159.1	84,918	2,190.9	90	4.0	3,420	88.2	2,229	3,876
65-69	213	6.9	4,848	7.0	2,895	93.1	64,494	93.0	3,108	167.4	69,342	2,071.1	78	4.2	2,769	82.7	1,857	3,348
70-74	135	5.4	3,039	5.7	2,364	94.6	50,718	94.3	2,499	180.7	53,757	1,888.2	69	5.0	2,121	74.5	1,383	2,847
75–79	69	3.3	1,620	3.6	2,022	96.7	42,957	96.4	2,091	181.0	44,577	1,818.7	54	4.7	1,782	72.7	1,155	2,451
80-84	30	2.3	693	2.5	1,281	97.7	27,219	97.5	1,311	208.1	27,912	1,447.0	42	6.7	1,212	62.8	630	1,929
85 and over	15	2.0	279	1.7	720	98.0	16,599	98.3	735	199.2	16,878	961.7	33	8.9	789	45.0	369	1,755
Total	13,017	17.4	274,860	14.6	61,884	82.6	1,606,098	85.4	74,901	155.8	1,880,958	2,298.3	2,103	4.4	84,660	103.4	48,063	81,840

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

^{***&#}x27;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)		Må	āori			Non	Māori			Total peop	le stated**		Tota	l people, not els	sewhere include	d***	Total	people
	Mid C	Central	New Z	ealand	Mid C	entral	New Z	ealand.	Mid (Central	New 2	Zealand	Mid C	entral	New 2	Zealand	Mid Central	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0-4	3,315	32.5	66,426	25.2	6,882	67.5	197,250	74.8	10,197	97.4	263,676	95.9	273	2.6	11,400	4.1	10,473	275,079
5–9	3,294	29.9	66,774	24.2	7,728	70.1	208,806	75.8	11,022	97.3	275,580	96.2	306	2.7	10,908	3.8	11,328	286,488
10-14	3,249	27.4	66,726	22.6	8,595	72.6	228,030	77.4	11,844	97.7	294,756	96.3	282	2.3	11,253	3.7	12,129	306,009
15-19	2,895	23.2	58,533	20.3	9,579	76.8	229,521	79.7	12,474	97.5	288,054	96.0	318	2.5	12,144	4.0	12,792	300,198
20-24	2,196	20.1	42,771	16.7	8,748	79.9	213,735	83.3	10,944	96.9	256,506	94.7	354	3.1	14,472	5.3	11,298	270,978
25-29	1,776	20.8	38,106	16.6	6,780	79.2	191,577	83.4	8,556	96.9	229,683	94.7	273	3.1	12,759	5.3	8,829	242,442
30-34	1,818	19.2	39,459	14.9	7,641	80.8	224,562	85.1	9,459	96.9	264,021	95.5	303	3.1	12,540	4.5	9,759	276,561
35-39	1,752	17.0	38,598	13.4	8,535	83.0	250,104	86.6	10,287	97.1	288,702	95.7	306	2.9	12,852	4.3	10,593	301,554
40-44	1,713	15.0	37,272	12.4	9,690	85.0	263,718	87.6	11,403	97.3	300,990	95.9	315	2.7	12,708	4.1	11,718	313,698
45-49	1,353	12.5	31,908	11.3	9,513	87.5	249,612	88.7	10,866	97.5	281,520	95.9	279	2.5	11,901	4.1	11,148	293,421
50-54	1,026	10.8	24,192	10.0	8,466	89.2	218,496	90.0	9,492	97.4	242,688	96.0	246	2.5		4.0	9,741	252,732
55-59	783	8.8	18,630	8.3	8,151	91.2	205,779	91.7	8,934	97.4	224,409	96.1	243	2.6	9,162	3.9	9,177	233,574
60-64	528		12,816	7.4	6,807	92.8	159,975	92.6	7,335	97.6	172,791	96.2	180	2.4	6,825	3.8	7,512	179,616
65-69	429	6.7	10,158	7.1	5,952	93.3	132,741	92.9	6,381	97.6	142,899	96.2	156	2.4	5,646	3.8	6,537	148,548
70-74	288	5.5	6,510	5.8	4,992	94.5	106,086	94.2	5,280	97.6	112,596	96.3	132	2.4	4,338	3.7	5,412	116,934
75–79	168	3.8	3,807	3.9	4,308	96.2	93,567	96.1	4,476	97.5	97,374	96.2	114	2.5	3,840	3.8	4,590	101,214
80-84	84	2.6	1,764	2.5	3,099	97.4	67,659	97.5	3,183	96.9	69,423	96.1	102	3.1	2,814	3.9	3,285	72,240
85 and over	39	1.6	888	1.6	2,397	98.4	53,604	98.4	2,436	96.7	54,492	96.2	84	3.3		3.8	2,520	56,670
Total	26,712	17.3	565,326	14.6	127,857	82.7	3,294,837	85.4	154,569	97.3	3,860,163	95.8	4,272	2.7	167,784	4.2	158,841	4,027,947

All figures are for the census usually resident population.

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
Mid Central	Number	132,288	2,118	1,797	8,154	1,671	762	4,929	1,812	21,246	5,310	158,841
wiid Ceritiai	Percentage	83.3	1.3	1.1	5.1	1.1	0.5	3.1	1.1	13.4	3.3	
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
New Zealanu	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.

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

^{*} 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

^{***&#}x27;Total People not included elsewhere refers to all those who did not state an ethnicity

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

includes Inadequately Described and Not Stated.

Table 1.5.1: Legal Marital Status (2006 Census)

	_				Legal Marital Statu	S		
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
Mid Central	Number	40,260	55,191	4,596	9,069	8,031	7,770	124,917
iviid Ceritiai	Percentage	32.2	44.2	3.7	7.3	6.4	6.2	
New Zealand	Number	991,323	1,414,533	108,225	222,138	174,813	249,336	3,160,371
INCW Zealallu	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.

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 Ma	rital Status					
			Parti	nered				Non-pa	irtnered				
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
Mid Central	Number	1,728	54,072	14,988	70,788	3,102	28,437	3,369	5,739	6,792	47,439	6,690	124,917
Iviid Ceritiai	Percentage	2.4	76.4	21.2	59.9	6.5	59.9	7.1	12.1	14.3	40.1		
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
INEW Zealanu	Percentage	2.7	76.3	21.0	61*	7.6	60.6	6.9	12.0	12.9	39*		

^{* %} of total - '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 1.5.3: Family Type (2006 Census)

			Famil	у Туре	
Location	Unit	Couple without children	Couple with child(ren)	One parent with child(ren)	Total
Mid Central	Number	17,766	16,350	7,926	42,042
Wild Certifial	Percentage	42.3	38.9	18.9	
New Zealand	Number	425,973	447,894	193,635	1,067,502
New Zealand	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.

⁽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

⁽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.

Table 1.5.4: Household Composition (2006 Census)

				Ho	usehold composit	ion		
Location	Unit	,	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
Mid Central	Number	40,074	945	27	3,024	14,967	645	59,682
iviid Ceritiai	Percentage	67.2	1.6	0.1	5.1	25.1	1.1	
New Zealand	Number	985,542	37,083	2,526	72,657	328,299	28,065	1,454,175
New Zedidilu	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)

			-		Numb	er of Languages Sp	ooken			
Location	Unit	None	One	Two	Three	Four	Five	Six	Not elsewhere included(2)	Total
Mid Central	Number	2,928	132,087	15,909	1,923	564	138	36	5,256	158,841
iviid Ceritiai	Percentage	1.8	83.2	10.0	1.2	0.4	0.1	0.0	3.3	
New Zealand	Number	75,198	3,083,904	562,446	83,400	19,281	5,055	1,476	197,190	4,027,947
New Zealand	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.

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

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

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

	The or children bor	, , , , ,	·	•		Age Group (Ye	ears) of Mother				
Location	Unit	15-	-19	20	-24	25	-29	30-34		35-39	
Location	Offic	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
	No children	5,622	32.2	3,969	22.8	2,058	11.8	1,347	7.7	819	4.7
	One child	234	3.6	783	12.1	882	13.6	972	15.0		
	Two children	36	0.3	324	2.3	744	5.2	1,353	9.5	1,794	12.6
	Three children	3	0.0	81	0.7	333	2.9	675	6.0	· · · · · ·	9.9
	Four children	-	-	15	0.3	102	1.8	261	4.6	417	7.3
	Five children	-	-	-	-	45	1.9	87	3.6	147	6.1
Mid Central	Six or more children	3	0.1	-	-	9	0.4	66	3.3	102	5.0
	Object to answering	93	4.5	114	5.6	93	4.5	144	7.0	213	10.4
	Not elsewhere included(2)	423	12.3	363	10.6	267	7.8	258	7.5	234	6.8
	Total	6,411	9.8	5,649	8.7	4,530	7.0	5,160	7.9	5,601	8.6
	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
New Zealand	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

						Age Group (Ye	ears) of Mother				
Location	Unit	40	-44	45-	-49	50-	-54	55	-59	60	-64
Location	Offic	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
	No children	783	4.5	636	3.6	477	2.7	411	2.4	288	1.7
	One child	711	10.9	561	8.6	369	5.7	324	5.0	207	3.2
	Two children	1,875	13.1	1,635	11.5	1,623	11.4	1,443	10.1	1,026	7.2
	Three children	1,365	12.1	1,419	12.5	1,278	11.3	1,221	10.8	1,047	9.3
	Four children	579	10.2	600	10.6	540	9.5	570	10.0	576	10.1
	Five children	219	9.1	195	8.1	183	7.6	201	8.3	225	9.3
Mid Central	Six or more children	141	7.0	147	7.2	135	6.7	126	6.2	180	8.9
	Object to answering	240	11.7	213	10.4	213	10.4	210	10.2	165	8.0
	Not elsewhere included(2)	264	7.7	228	6.6	231	6.7	207	6.0	159	4.6
	Total	6,177	9.5	5,634	8.7	5,043	7.7	4,716	7.2	3,876	6.0
	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
New Zealand	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 N	1other				
Location	Unit	65	-69	70-	-74	75	-79	80-	-84	85 an	d over	Total
Location	Offic	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number
	No children	234	1.3	195	1.1	213	1.2	189	1.1	198	1.1	17,433
	One child	162	2.5	117	1.8	123	1.9	141	2.2	159	2.4	6,495
	Two children	702	4.9	552	3.9	441	3.1	384	2.7	345	2.4	14,277
	Three children	822	7.3	648	5.7	537	4.7	411	3.6	351	3.1	11,313
	Four children	606	10.7	525	9.2	411	7.2	270	4.8	216	3.8	,
	Five children	276	11.5	303	12.6	231	9.6	165	6.8	135	5.6	2,409
Mid Central	Six or more children	246	12.1	282	13.9	288	14.2	174	8.6	129	6.4	2,028
	Object to answering	117	5.7	87	4.2	51	2.5	45	2.2	48	2.3	2,052
	Not elsewhere included(2)	177	5.2	141	4.1	153	4.5	153	4.5	180	5.2	3,435
	Total	3,348	5.1	2,847	4.4	2,451	3.8	1,929	3.0	1,752	2.7	65,127
	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
New Zealand	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 Ac	tivity: Male				
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking atter a	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, not elsewhere included(3)	Total people
Mid Central	Number	8,145	44,607	14,394	3,543	6,690	3,726	8,235	54,492	5,298	59,790
iviia centrai	Percentage	13.6	74.6	24.1	5.9	11.2	6.2	13.8			
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
TVCVV ZCalariu	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

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)

	0.0					Unpaid Acti	ivity: 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
Mid Central	Number	4,917	53,430	20,796	5,769	13,419	7,374	10,674	59,721	5,406	65,127
iviid Ceritiai	Percentage	7.6	82.0	31.9	8.9	20.6	11.3	16.4			
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
New Zealanu	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

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

⁽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.

⁽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.

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

	3 3		•			Unpaid Ac	tivity: 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	for or through any organisation,	Total people stated	Total people, not elsewhere included(3)	Total people
Mid Central	Number	13,065	98,034	35,187	9,312	20,112	11,097	18,912	114,213	10,701	124,914
iviia ceritrai	Percentage	10.5	78.5	28.2	7.5	16.1	8.9	15.1			
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
INEW Zealallu	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.

Table 1.6.1: Highest Qualification Gained (2006 Census)

14516 11011111	I Quantito	ation damed (2000 cens	45)		11:1 1 1:6: 1:			
					Highest qualification			
Location	Unit	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
Mid Central	Number	33,393	16,695	10,767	7,329	3,732	5,487	11,565
	Percentage	26.7	13.4	8.6	5.9	3.0	4.4	9.3
New Zealand	Number	708,432	386,073	263,850	170,055	172,590	128,619	286,599
TVCW Zealallu	Percentage	22.4	12.2	8.3	5.4	5.5	4.1	9.1

					Highest qualification				
Location	Unit	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
Mid Central	Number	4,053	5,745	9,528	1,920	1,953	1,212	11,538	124,914
wiid Ceriti'ai	Percentage	3.2	4.6	7.6	1.5	1.6	1.0	9.2	
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.

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)

					Total perso	nal income			
Location	Unit	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
Mid Central	Number	594	4,995	9,267	9,762	16,848	11,748	9,828	9,579
	Percentage	0.5	4.0	7.4	7.8	13.5	9.4	7.9	7.7
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

		Total personal income											
Location	Unit	\$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				
Mid Central	Number	8,760	7,983	9,642	9,528	3,630	2,592	10,158	124,914				
iviid Celiti ai	Percentage	7.0	6.4	7.7	7.6	2.9	2.1	8.1					
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.

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.

⁽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.

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

Table 1.6.3: Sources of Personal Income (2006 Census)

Tuble Field .	and 1.0.5. Sources of refrontal intoline (2000 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				
Mid Central	Number	5,940	70,890	18,222	27,726	2,187	20,859	3,681				
	Percentage	4.8	56.8	14.6	22.2	1.8	16.7	3.0				
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				
Mid Central	Number	4,092	2,910	4,368	4,236	3,138	4,242	2,952	5,502	124,914				
Wild Certifial	Percentage	3.3	2.3	3.5	3.4	2.5	3.4	2.4	4.4					
New Zealand	Number	92,169	70,554	93,090	75,357	64,284	96,357	66,411	198,135	3,160,371				
New Zealand	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.

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					
Mid Central	Number	60,090	19,419	79,512	4,185	83,697	38,751	2,466	124,914					
	Percentage	75.6	24.4	95.0	5.0	67.0	31.0	2.0						
New Zealand	Number	1,531,020	454,758	1,985,775	106,497	2,092,275	961,788	106,311	3,160,371					
New Zealand	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.

⁽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.

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

			Occupation (ANZSCO)											
Location	Unit	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)	Total			
Mid Central	Number	13,128	12,906	9,309	7,377	8,691	7,386	4,890	9,681	6,144	79,509			
iviid Centrai	Percentage	16.5	16.2	11.7	9.3	10.9	9.3	6.2	12.2	7.7				
INew Zealand F	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.

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)

	auto 1.5.5 Necessity Telecommunications (2505 echists)												
			Type of Telecommunication										
Location	Unit	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				
Mid Central	Number	42,231	52,410	12,834	32,721	1,218	57,948	1,731	59,679				
	Percentage	70.8	87.8	21.5	54.8	2.0	97.1	2.9					
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.

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)

		Number of Motor Vehicles										
Location	Unit	No motor vehicle	One motor vehicle	Two motor vehicles	Three or more motor vehicles	Not elsewhere included(2)	Total					
Mid Central	Number	4,857	23,190	21,207	8,679	1,746	59,679					
	Percentage	8.1	38.9	35.5	14.5	2.9						
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⁾ Australian and New Zealand Standard Classification of Occupations (ANZSCO V1.0).

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

⁽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.

⁽²⁾ Includes Response Unidentifiable and Not Stated.

Table 1.6.8: Housing Tenure (2006 Census)

Table 1.0.8. I	lousing renuie	(2000 CC11303)										
			Housing	Tenure								
		Dw	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)							
Mid Central	Number	2,442	32,487	26,694	61,623							
iviiu Ceriti ai	Percentage	4.0	52.7	43.3								
New Zealand	Number	26,529	405,267	312,162	743,955							
New Zealand	Percentage	3.6	54.5	42.0								

			Housing	g 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)
Mid Central	Number	564	32,733	6,717	40,014
	Percentage	1.4	81.8	16.8	
New Zealand	Number	6,315	388,275	57,378	451,965
INCW Zealand	Percentage	1.4	85.9	12.7	

				Housing	Tenure			
		Dv	welling held in a family t					
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)	Not elsewhere included ⁽³⁾	Total	
Mid Central	Number	1,041	5,928	6,105	13,071	8,190	122,901	
iviiu Ceriti ai	Percentage	8.0	45.4	46.7				
New Zealand	Number	13,386	72,828	81,711	167,925	90,333		
New Zealanu	Percentage	8.0	43.4	48.7				

^{(1) &#}x27;Tenure of household' refers to the nature 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.

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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	183.3	-21.7 - 388.4	85.5	25.1 - 145.8	96.1	39.5 - 152.6
	Male	273.3	13.2 - 533.4	141.1	59.4 - 222.9	152.9	79.4 - 226.5
	Total	226.0	62.4 - 389.7	112.9	62.1 - 163.6	123.9	77.7 - 170.1
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	
Mid Central	Female	72.0	-54.3 - 198.3	42.4	17.1 - 67.8	46.0	19.5 - 72.4	
	Male	146.0	-51.3 - 343.4	61.1	28.7 - 93.6	68.6	35.0 - 102.2	
	Total	105.5	-6.7 - 217.8	51.2	30.9 - 71.5	56.6	35.5 - 77.7	
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	
Mid Central	Female	80.8	-8.6 - 170.2	46.9	31.4 - 62.5	49.5	33.9 - 65.1	
	Male	230.3	64.8 - 395.9	82.9	58.4 - 107.3	95.7	69.4 - 122.0	
	Total	149.1	60.0 - 238.1	63.7	49.5 - 77.9	71.2	56.3 - 86.1	
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	
Mid Central	Female	27.5	-25.1 - 80.2	24.0	11.1 - 36.9	24.4	12.2 - 36.6	
	Male	0.0	0.0 - 0.0	26.4	12.2 - 40.7	26.7	12.8 - 40.6	
	Total	25.7	-12.8 - 64.2	25.4	15.9 - 35.0	25.8	16.6 - 35.0	
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	
Mid Central	Female	97.6	-48.9 - 244.1	58.7	20.2 - 97.2	60.5	24.9 - 96.1	
	Male	95.7	-62.7 - 254.2	71.7	32.4 - 111.0	74.6	36.5 - 112.7	
	Total	96.9	-10.5 - 204.2	64.2	36.8 - 91.7	66.6	40.6 - 92.6	
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	
Mid Central	Female	79.2	-8.3 - 166.6	18.0	6.4 - 29.6	22.1	9.7 - 34.5	
	Male	63.1	-22.3 - 148.6	26.6	12.9 - 40.3	29.6	15.3 - 43.9	
	Total	71.3	10.3 - 132.3	21.9	13.0 - 30.7	25.4	16.0 - 34.8	
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
Mid Central	Female	42.5	-23.7 - 108.7	26.9	8.8 - 45.0	27.9	10.9 - 44.9
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
Mid Central	Male	31.1	-36.5 - 98.7	19.4	9.0 - 29.9	19.5	9.4 - 29.6
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
Mid Central	Female	0.0	0.0 - 0.0	2.6	-3.7 - 8.9	2.3	-3.0 - 7.7
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
Mid Central	Female	0.0	0.0 - 0.0	16.7	5.5 - 28.0	16.1	5.7 - 26.5
	Male	0.0	0.0 - 0.0	26.7	12.3 - 41.1	26.4	12.7 - 40.1
	Total	14.4	-13.4 - 42.3	21.5	12.4 - 30.5	21.0	12.5 - 29.5
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	
Mid Central	Female	0.0	0.0 - 0.0	8.2	-2.9 - 19.3	7.2	-2.3 - 16.7	
	Male	0.0	0.0 - 0.0	12.6	0.6 - 24.6	11.8	1.2 - 22.4	
	Total	0.0	0.0 - 0.0	10.3	2.1 - 18.6	9.4	2.3 - 16.6	
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	
Mid Central	Female	32.6	-55.3 - 120.5	11.8	-16.3 - 40.0	15.6	-12.7 - 43.9	
	Male	56.9	-68.0 - 181.7	38.4	-12.6 - 89.4	39.6	-5.2 - 84.3	
	Total	43.5	-29.8 - 116.9	24.9	-4.1 - 54.0	27.3	1.0 - 53.6	
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
Mid Central	Female	0.0	0.0 - 0.0	5.9	-8.8 - 20.6	6.9	-8.2 - 22.0
	Male	26.7	-50.1 - 103.5	19.1	-10.0 - 48.2	21.4	-7.1 - 49.9
	Total	18.4	-26.0 - 62.7	12.4	-3.8 - 28.6	14.1	-1.9 - 30.1
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
Mid Central	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
Mid Central	Female	0.0	0.0 - 0.0	20.5	5.4 - 35.5	21.1	7.7 - 34.5
	Male	0.0	0.0 - 0.0	51.7	27.7 - 75.7	48.0	27.6 - 68.3
	Total	28.5	5.6 - 51.5	36.2	22.0 - 50.4	34.5	22.3 - 46.7
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	
Mid Central	Female	0.0	0.0 - 0.0	0.0	0.0 - 0.0	0.0	0.0 - 0.0	
	Male	70.7	18.8 - 122.6	20.3	5.4 - 35.2	31.2	15.0 - 47.5	
	Total	41.3	13.2 - 69.4	11.8	3.8 - 19.8	18.2	9.4 - 26.9	
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	1	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	893.8	812.9 - 974.8	501.7	490.2 - 513.3	531.4	519.4 - 543.4
	Male	1420.5	1305.2 - 1535.8	738.9	723.3 - 754.5	774.5	758.7 - 790.3
	Total	1106.0	1040.0 - 1171.9	607.4	598.0 - 616.9	639.3	629.6 - 648.9
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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	0.0	0.0 - 0.0	243.8	236.2 - 251.3	243.7	236.3 - 251.1
	Male	0.0	0.0 - 0.0	278.0	268.5 - 287.6	273.2	264.0 - 282.4
	Total	202.7	173.2 - 232.2	263.6	257.6 - 269.5	261.2	255.4 - 267.1
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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	807.3	731.9 - 882.8	142.1	134.5 - 149.7	179.5	171.1 - 187.8
	Male	394.3	338.1 - 450.5	242.5	232.5 - 252.4	252.7	242.7 - 262.6
	Total	611.7	563.9 - 659.4	186.3	180.2 - 192.4	210.8	204.4 - 217.2
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
Mid Central	Female	0.0	0.0 - 0.0	105.9	99.4 - 112.4	108.7	102.3 - 115.1
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
Mid Central	Male	14.1	-53.5 - 81.6	8.8	-1.7 - 19.3	8.8	-1.3 - 18.9
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
Mid Central	Female	0.0	0.0 - 0.0	12.3	10.2 - 14.5	11.7	9.7 - 13.7
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
Mid Central	Female	0.0	0.0 - 0.0	138.2	131.3 - 145.1	132.9	126.4 - 139.5
	Male	0.0	0.0 - 0.0	213.0	203.6 - 222.4	209.6	200.5 - 218.7
	Total	0.0	0.0 - 0.0	172.9	167.1 - 178.6	168.6	163.1 - 174.1
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
Mid Central	Female	0.0	0.0 - 0.0	16.7	14.6 - 18.7	16.1	14.1 - 18.0
	Male	0.0	0.0 - 0.0	90.6	84.1 - 97.0	90.2	84.0 - 96.5
	Total	0.0	0.0 - 0.0	51.6	48.3 - 54.8	51.1	48.0 - 54.3
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	
Mid Central	Female	0.0	0.0 - 0.0	158.5	151.3 - 165.7	167.7	160.3 - 175.1	
	Male	638.0	560.4 - 715.6	220.9	212.4 - 229.4	237.8	229.1 - 246.4	
	Total	397.6	358.8 - 436.5	182.7	177.3 - 188.2	195.0	189.4 - 200.5	
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

	Mid Central DHB		New Zealand		
	Condition	ASR	Condition	ASR	
Female	Breast cancer (female only)	11.6	Breast cancer (female only)	10.7	
	Ischaemic heart disease	11.6	Lung cancer	9.3	
	Motor vehicle accidents	10.6	Ischaemic heart disease	8.1	
	Lung cancer		Colorectal cancer	5.9	
	Birth defects	6.8	Diabetes	5.8	
Male	Ischaemic heart disease	26.4	Ischaemic heart disease	27.3	
	Suicide and self-inflicted injuries	18.8	Suicide and self-inflicted injuries	15.7	
	Motor vehicle accidents	18.8	Motor vehicle accidents	12.3	
	Lung cancer	10.2	Lung cancer	10.8	
	Colorectal cancer	9.1	Diabetes	8.3	
Total	Ischaemic heart disease	18.7	Ischaemic heart disease	17.4	
	Motor vehicle accidents	14.6	Suicide and self-inflicted injuries	10.4	
	Suicide and self-inflicted injuries	12.4	Lung cancer	10.0	
	Lung cancer	9.1	Motor vehicle accidents	8.6	
	Colorectal cancer	7.0	Diabetes	7.0	

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Ischaemic heart disease	52.7	Ischaemic heart disease	51.4
	Lung cancer	25.6	Lung cancer	31.6
	Motor vehicle accidents		Diabetes	26.8
	Suicide and self-inflicted injuries	16.2	Motor vehicle accidents	17.8
	Diabetes	14.1	Suicide and self-inflicted injuries	15.4
non-Māori	Ischaemic heart disease	15.4	Ischaemic heart disease	14.3
	Motor vehicle accidents	12.3	Suicide and self-inflicted injuries	9.3
	Suicide and self-inflicted injuries	10.9	Lung cancer	8.1
	Birth defects	8.1	Motor vehicle accidents	6.7
	Lung cancer	7.6	Colorectal cancer	6.7

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

	Mid Central DHB		New Zealand		
	Condition	ASR	Condition	ASR	
Female	Ischaemic heart disease	524.8	Ischaemic heart disease	418.5	
	Stroke	205.6	Stroke	206.0	
	Lung cancer	179.5	CORD	172.8	
	Colorectal cancer		Lung cancer	153.4	
	Breast cancer (female only)	108.7	Colorectal cancer	131.3	
Male	Ischaemic heart disease	764.8 Ischaemic heart disease		757.4	
	Lung cancer	252.7	Lung cancer	245.3	
	CORD	245.8	CORD	238.4	
	Colorectal cancer	209.6	Stroke	207.5	
	Stroke	208.0	Colorectal cancer	178.9	
Total	Ischaemic heart disease	631.0	Ischaemic heart disease	571.4	
	Lung cancer	210.8	Stroke	210.0	
	Stroke	210.5	CORD	197.9	
	CORD	200.9	Lung cancer	194.3	
	Colorectal cancer	168.6	Colorectal cancer	152.9	

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

	Mid Central DHB		New Zealand		
	Condition		Condition	ASR	
Māori	Ischaemic heart disease	1075.8	Ischaemic heart disease	1109.6	
	Lung cancer	611.7	Lung cancer	497.3	
	CORD	397.6	CORD	465.0	
	Diabetes	293.5	Diabetes	389.4	
	Stroke	202.7	Stroke	247.1	
non-Māori	Ischaemic heart disease	600.0	Ischaemic heart disease	540.1	
	Stroke	211.0	Stroke	207.2	
	CORD	189.0	CORD	182.8	
	Lung cancer	186.3	Lung cancer	175.1	
	Colorectal cancer	172.9	Colorectal cancer	154.4	

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	
Mid Central	Female	3654.4	2719.5 - 4589.2	3163.0	2671.1 - 3654.9	3209.5	2789.1 - 3629.9	
	Male	4331.2	3287.2 - 5375.1	3625.0	3090.9 - 4159.1	3684.7	3230.8 - 4138.7	
	Total	3977.3	3280.2 - 4674.3	3395.6	3032.1 - 3759.2	3446.3	3136.9 - 3755.8	
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
Mid Central	Female	588.5	223.8 - 953.1	384.3	275.3 - 493.2	406.6	304.2 - 509.1
	Male	928.4	442.2 - 1414.7	690.0	539.2 - 840.8	720.8	579.2 - 862.5
	Total	749.9	450.6 - 1049.3	530.8	438.6 - 623.1	557.1	470.6 - 643.7
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
Mid Central	Female	412.6	206.4 - 618.7	283.2	232.4 - 334.0	300.5	249.8 - 351.2
	Male	893.8	573.8 - 1213.8	652.1	567.4 - 736.7	695.4	610.2 - 780.5
	Total	643.6	456.6 - 830.7	460.0	411.5 - 508.6	489.6	440.9 - 538.3
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
Mid Central	Female	123.7	12.2 - 235.2	88.0	57.4 - 118.6	91.3	62.3 - 120.2
	Male	115.0	-2.0 - 232.1	119.2	85.5 - 152.9	116.5	85.3 - 147.7
	Total	116.0	38.2 - 193.7	102.7	80.1 - 125.4	103.1	81.9 - 124.3
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
Mid Central	Female	376.7	84.8 - 668.7	331.3	228.1 - 434.5	339.3	241.5 - 437.1
	Male	446.1	110.4 - 781.9	420.5	286.7 - 554.3	430.6	310.0 - 551.3
	Total	410.6	189.3 - 631.8	373.8	289.2 - 458.3	382.8	305.2 - 460.4
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	
Mid Central	Female	109.6	6.5 - 212.8	49.6	27.3 - 71.9	53.2	31.6 - 74.8	
	Male	97.8	-7.5 - 203.1	39.7	22.6 - 56.9	45.1	26.7 - 63.6	
	Total	105.8	31.1 - 180.6	44.5	30.3 - 58.8	49.1	34.8 - 63.4	
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
Mid Central	Female	179.3	44.7 - 313.9	122.2	83.6 - 160.8	127.0	90.3 - 163.7
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
Mid Central	Male	97.3	-7.4 - 202.1	53.1	32.2 - 74.0	55.5	35.1 - 75.9
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
Mid Central	Female	0.0	0.0 - 0.0	9.0	-2.8 - 20.9	7.9	-2.1 - 18.0
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
Mid Central	Female	38.8	-22.1 - 99.7	49.6	28.0 - 71.2	48.2	28.3 - 68.1
	Male	38.1	-29.3 - 105.5	53.5	31.1 - 76.0	52.6	31.6 - 73.6
	Total	38.0	-6.5 - 82.6	51.1	35.6 - 66.7	50.0	35.6 - 64.5
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
Mid Central	Female	0.0	0.0 - 0.0	124.9	87.4 - 162.4	113.8	80.8 - 146.8
	Male	0.0	0.0 - 0.0	180.7	136.0 - 225.4	166.9	126.9 - 206.8
	Total	0.0	0.0 - 0.0	150.9	121.8 - 179.9	138.4	112.7 - 164.1
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
Mid Central	Female	1029.2	527.7 - 1530.6	1238.9	936.4 - 1541.5	1197.5	942.5 - 1452.4
	Male	2219.6	1473.9 - 2965.3	2194.4	1792.8 - 2595.9	2200.6	1852.7 - 2548.4
	Total	1613.6	1168.1 - 2059.2	1715.3	1464.1 - 1966.4	1696.4	1481.2 - 1911.6
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
Mid Central	Female	128.9	-34.0 - 291.7	179.7	83.3 - 276.1	170.3	86.9 - 253.8
	Male	85.6	-51.8 - 222.9	115.8	38.2 - 193.4	110.7	42.8 - 178.6
	Total	107.3	0.8 - 213.9	147.8	86.0 - 209.7	140.7	86.9 - 194.4
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
Mid Central	Female	738.1	572.0 - 904.1	1255.0	1136.7 - 1373.3	1134.4	1035.9 - 1233.0
	Male	3217.6	2869.3 - 3566.0	3139.0	2953.3 - 3324.8	3155.8	2992.0 - 3319.5
	Total	1971.8	1779.5 - 2164.2	2201.4	2091.0 - 2311.7	2147.5	2051.8 - 2243.2
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	
Mid Central	Female	1956.0	1836.7 - 2075.4	1782.1	1756.3 - 1807.9	1805.5	1780.1 - 1830.9	
	Male	2050.4	1923.8 - 2176.9	3163.9	3126.5 - 3201.2	3124.9	3088.8 - 3161.0	
	Total	2024.5	1936.6 - 2112.4	2424.3	2402.0 - 2446.6	2418.8	2397.1 - 2440.5	
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
Mid Central	Female	638.2	570.9 - 705.4	553.8	540.2 - 567.4	564.1	550.6 - 577.5
	Male	1055.9	958.0 - 1153.7	838.5	820.0 - 857.1	840.8	822.9 - 858.8
	Total	788.8	734.6 - 843.1	685.9	674.6 - 697.2	691.8	680.8 - 702.8
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	1	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	760.5	689.2 - 831.8	260.4	249.9 - 271.0	283.2	272.6 - 293.7
	Male	644.2	573.1 - 715.3	369.3	356.5 - 382.1	390.1	377.2 - 402.9
	Total	728.6	676.7 - 780.5	308.7	300.6 - 316.9	331.1	322.9 - 339.3
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
Mid Central	Female	507.3	447.7 - 566.8	414.6	401.1 - 428.2	420.0	406.7 - 433.2
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
Mid Central	Male	29.2	-54.5 - 112.9	12.7	0.0 - 25.4	13.6	0.7 - 26.4
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	
Mid Central	Female	0.0	0.0 - 0.0	52.3	46.9 - 57.7	48.7	43.6 - 53.7	
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
Mid Central	Female	400.9	347.6 - 454.3	327.0	315.6 - 338.4	333.7	322.4 - 344.9
	Male	0.0	0.0 - 0.0	384.0	371.6 - 396.4	372.5	360.6 - 384.3
	Total	273.9	241.9 - 305.8	348.5	340.2 - 356.8	346.6	338.5 - 354.7
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	
Mid Central	Female	0.0	0.0 - 0.0	695.7	679.3 - 712.1	662.1	646.7 - 677.6	
	Male	0.0	0.0 - 0.0	1093.1	1071.9 - 1114.2	1040.0	1020.1 - 1060.0	
	Total	0.0	0.0 - 0.0	872.8	859.7 - 885.9	830.1	817.8 - 842.5	
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
Mid Central	Female	1424.8	1324.8 - 1524.8	764.6	747.1 - 782.2	803.7	786.2 - 821.3
	Male	2651.4	2506.5 - 2796.4	853.5	835.5 - 871.6	944.6	926.0 - 963.1
	Total	1960.8	1876.5 - 2045.2	795.2	782.7 - 807.7	858.0	845.3 - 870.6
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
Mid Central	Female	198.0	31.9 - 364.0	80.9	38.5 - 123.4	94.2	52.2 - 136.2
	Male	180.1	11.5 - 348.7	95.0	49.5 - 140.6	100.6	58.3 - 142.8
	Total	187.0	70.6 - 303.3	87.5	56.4 - 118.6	96.9	67.1 - 126.6
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	
Mid Central	Female	16.4	-31.2 - 64.1	6.8	-3.9 - 17.4	7.6	-2.9 - 18.1	
	Male	26.0	-38.1 - 90.1	5.8	-2.8 - 14.4	7.4	-2.6 - 17.4	
	Total	20.6	-18.1 - 59.3	6.2	-0.7 - 13.1	7.4	0.2 - 14.7	
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
Mid Central	Female	205.5	33.5 - 377.5	131.4	66.2 - 196.6	142.4	81.6 - 203.1
	Male	176.7	6.8 - 346.6	53.1	11.2 - 94.9	76.6	30.0 - 123.3
	Total	190.4	70.2 - 310.6	93.2	54.1 - 132.3	110.3	71.8 - 148.8
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
Mid Central	Female	474.5	343.5 - 605.6	274.9	246.9 - 302.9	287.5	260.1 - 314.8
	Male	661.8	498.8 - 824.7	258.8	232.7 - 285.0	279.8	253.8 - 305.9
	Total	553.0	451.5 - 654.5	264.4	245.3 - 283.5	280.8	262.0 - 299.6
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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	515.2	292.0 - 738.3	275.3	164.8 - 385.7	352.4	248.7 - 456.1
	Male	712.0	454.1 - 969.9	533.1	380.4 - 685.8	590.2	457.7 - 722.8
	Total	615.1	444.2 - 786.0	406.6	311.8 - 501.4	473.5	389.0 - 558.0
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	
Mid Central	Female	64.8	-14.1 - 143.8	76.5	16.4 - 136.6	71.8	24.4 - 119.3	
	Male	119.4	13.9 - 224.8	116.9	44.6 - 189.2	117.9	58.2 - 177.6	
	Total	92.6	26.4 - 158.8	97.2	50.0 - 144.4	95.4	57.0 - 133.7	
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
Mid Central	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	16.4	-9.6 - 42.4	13.1	-6.0 - 32.3
	Total	0.0	0.0 - 0.0	11.3	-4.2 - 26.8	9.7	-2.2 - 21.6
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
Mid Central	Female	438.5	232.2 - 644.7	581.2	424.8 - 737.6	538.2	412.7 - 663.7
	Male	802.3	528.2 - 1076.4	765.5	588.7 - 942.4	774.7	626.6 - 922.8
	Total	622.7	450.5 - 794.8	674.3	556.1 - 792.5	658.0	560.8 - 755.3
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
Mid Central	Female	1383.8	1284.6 - 1483.1	2492.2	2465.0 - 2519.5	2453.8	2427.5 - 2480.1
	Male	1400.9	1287.0 - 1514.8	1495.1	1472.1 - 1518.0	1502.1	1479.6 - 1524.6
	Total	1403.3	1328.6 - 1477.9	2061.1	2043.1 - 2079.1	2043.7	2026.2 - 2061.2
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	
Mid Central	Female	1999.6	1879.6 - 2119.6	2093.8	2064.3 - 2123.4	2085.3	2056.7 - 2113.9	
	Male	2114.5	1983.9 - 2245.2	1957.7	1927.5 - 1988.0	1958.8	1929.5 - 1988.1	
	Total	2041.3	1953.2 - 2129.4	2030.6	2009.5 - 2051.7	2027.2	2006.7 - 2047.6	
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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	486.1	Respiratory infections	510.3
	Gastroenteritis	298.3	Gastroenteritis	371.2
	Angina	271.1	Dental conditions	301.5
	Dental conditions	244.2	ENT infections	265.7
	Cellulitis	242.6	Cellulitis	243.5
Male	Respiratory infections	561.3	Respiratory infections	570.2
	Angina	416.6	Gastroenteritis	355.3
	Gastroenteritis	309.1	ENT infections	331.7
	Asthma	270.3	Dental conditions	319.0
	ENT infections	269.3	Angina	300.1
Total	Respiratory infections	524.5	Respiratory infections	541.0
	Angina	340.8	Gastroenteritis	363.7
	Gastroenteritis	304.5	Dental conditions	310.3
	Dental conditions	253.4	ENT infections	299.6
	Asthma	247.2	Angina	258.9

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	603.3	Respiratory infections	742.2
	Angina Asthma	496.8	Dental conditions	441.6
	Gastroenteritis	352.1	Asthma	356.4
	Dental conditions	257.6	ENT infections	355.9
		244.9	Angina	329.4
non-Māori	Respiratory infections	514.5	Respiratory infections	500.0
	Gastroenteritis	330.3	Gastroenteritis	379.7
	Angina	311.5	ENT infections	283.8
	Dental conditions	253.0	Dental conditions	271.8
	ENT infections	247.3	Angina	250.3

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Angina	1829.3	Persons encountering health services for specific procedures	1802.8
			and health care	
	Respiratory infections	1169.7	Angina	1499.8
	Ischaemic heart disease	1019.8	Respiratory infections	1132.4
	Other forms of heart disease	887.9	CORD	968.0
	Disorders of lens	842.5	Other forms of heart disease	955.6
Male	Angina	2419.5	Persons encountering health services for specific procedures	2367.0
			and health care	
	Ischaemic heart disease	1839.0	Angina	1956.7
	Respiratory infections	1681.6	Respiratory infections	1721.7
	Other forms of heart disease	1075.2	Ischaemic heart disease	1550.1
	Skin cancers	1053.7	Other forms of heart disease	1232.4
Total	Angina	2101.5	Persons encountering health services for specific procedures	2059.9
			and health care	
	Ischaemic heart disease	1396.6	Angina	1712.2
	Respiratory infections	1384.4	Respiratory infections	1388.0
	Other forms of heart disease	974.7	Ischaemic heart disease	1148.7
	CORD	868.8	Other forms of heart disease	1084.0

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Angina	2134.7	Persons encountering health services for specific procedures	7454.5
			and health care	
	CORD	1960.8	CORD	2912.0
	Respiratory infections	1918.2	Respiratory infections	2597.3
	Diabetes	1280.7	Diabetes	2074.3
	General symptoms and signs	1129.9	Angina	1943.8
non-Māori	Angina	2088.9	Persons encountering health services for specific procedures	1705.0
			and health care	
	Ischaemic heart disease	1403.5	Angina	1698.8
	Respiratory infections	1357.6	Respiratory infections	1319.4
	Other forms of heart disease	981.9	Ischaemic heart disease	1133.2
	Skin cancers	880.5	Other forms of heart disease	1069.6

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	740.1	Dental conditions	660.6
	Dental conditions	527.3	Respiratory infections	622.0
	Injuries to the elbow and forearm	375.0	ENT infections	380.4
	ENT infections	304.4	Injuries to the elbow and forearm	337.0
	Symptoms and signs involving the digestive system and	247.2	Persons encountering health services for specific procedures	311.2
	abdomen		and health care	
Male	Respiratory infections	625.0	Dental conditions	687.9
	Injuries to the elbow and forearm	604.8	Respiratory infections	671.2
	Dental conditions	581.2	Injuries to the elbow and forearm	520.1
	ENT infections	382.3	ENT infections	457.9
	Injuries to the head	375.6	Injuries to the head	360.8
Total	Respiratory infections	681.7	Dental conditions	674.6
	Dental conditions	554.7	Respiratory infections	647.1
	Injuries to the elbow and forearm	491.6	Injuries to the elbow and forearm	430.9
	ENT infections	343.5	ENT infections	420.1
	Injuries to the head	277.3	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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	513.7	Dental conditions	843.1
	Dental conditions	507.4	Respiratory infections	644.5
	Injuries to the elbow and forearm	455.9	ENT infections	555.6
	ENT infections	340.2	Injuries to the elbow and forearm	425.4
	Asthma	274.9	Persons encountering health services for specific procedures	399.2
			and health care	
non-Māori	Respiratory infections	752.2	Respiratory infections	648.9
	Dental conditions	571.8	Dental conditions	619.8
	Injuries to the elbow and forearm	506.1	Injuries to the elbow and forearm	432.1
	ENT infections	345.3	ENT infections	377.3
	Injuries to the head	283.5	Persons encountering health services for specific procedures	308.2
			and health care	

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	3327.1	Persons encountering health services in other circumstances	4296.1
	Disorders related to length of gestation and fetal growth	2170.1	Respiratory infections	3688.1
	Persons encountering health services in other circumstances	1594.7	Disorders related to length of gestation and fetal growth	1895.8
	Gastro-oesophageal reflux disease	1100.7	Gastro-oesophageal reflux disease	1561.8
	Respiratory and cardiovascular disorders specific to the perinatal period	938.1	ENT infections	1005.2
Male	Respiratory infections	4524.7	Respiratory infections	4875.7
	Disorders related to length of gestation and fetal growth	2208.2	Persons encountering health services in other circumstances	4131.4
	Persons encountering health services in other circumstances	1401.9	Disorders related to length of gestation and fetal growth	2016.8
	Respiratory and cardiovascular disorders specific to the perinatal period	1329.7	Gastro-oesophageal reflux disease	1663.2
	Gastro-oesophageal reflux disease	1305.7	ENT infections	1415.5
Total	Respiratory infections	3937.4	Respiratory infections	4295.1
	Disorders related to length of gestation and fetal growth	2189.5	Persons encountering health services in other circumstances	4212.0
	Persons encountering health services in other circumstances	1496.5	Disorders related to length of gestation and fetal growth	1957.6
	Gastro-oesophageal reflux disease	1205.2	Gastro-oesophageal reflux disease	1613.6
	Respiratory and cardiovascular disorders specific to the perinatal period	1137.7	ENT infections	1214.9

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

	Mid Central DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	4366.9	Respiratory infections	5965.2
	Disorders related to length of gestation and fetal growth	1638.7	Persons encountering health services in other circumstances	2422.4
	Persons encountering health services in other circumstances	1331.5	Disorders related to length of gestation and fetal growth	1684.5
	Asthma	1266.3	Gastro-oesophageal reflux disease	1311.2
	Gastro-oesophageal reflux disease	921.8	ENT infections	1270.5
non-Māori	Respiratory infections	3726.6	Persons encountering health services in other circumstances	4825.9
	Disorders related to length of gestation and fetal growth	2460.0	Respiratory infections	3722.1
	Persons encountering health services in other circumstances	1577.5	Disorders related to length of gestation and fetal growth	2051.4
	Respiratory and cardiovascular disorders specific to the perinatal period	1376.3	Gastro-oesophageal reflux disease	1717.4
	Gastro-oesophageal reflux disease	1344.3	ENT infections	1195.9

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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	56.5	-20.0 - 133.1	23.6	10.1 - 37.2	26.2	12.4 - 40.0
	Male	80.3	-13.9 - 174.6	30.3	14.8 - 45.8	34.0	18.2 - 49.9
	Total	68.4	7.9 - 128.9	26.6	16.4 - 36.8	29.7	19.3 - 40.2
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
Mid Central	Female	164.5	34.5 - 294.5	124.8	84.6 - 164.9	128.0	90.0 - 166.0
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
Mid Central	Male	117.2	2.4 - 231.9	110.9	80.5 - 141.3	110.5	81.5 - 139.5
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
Mid Central	Female	0.0	0.0 - 0.0	11.7	-4.7 - 28.1	12.3	-3.0 - 27.6
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	
Mid Central	Female	41.8	-23.4 - 107.1	51.7	28.8 - 74.5	50.1	29.3 - 70.9	
	Male	32.9	-25.3 - 91.0	63.3	39.6 - 87.1	61.0	38.9 - 83.1	
	Total	37.7	-6.4 - 81.9	57.2	40.7 - 73.6	55.2	40.1 - 70.4	
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	ı	non-Māori		Total		
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence		
Mid Central	Female	0.0	0.0 - 0.0	54.0	24.2 - 83.9	47.6	22.3 - 73.0		
	Male	0.0	0.0 - 0.0	61.2	32.4 - 90.0	56.1	30.9 - 81.3		
	Total	11.7	-12.7 - 36.0	57.4	36.6 - 78.2	51.6	33.7 - 69.5		
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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	287.4	242.5 - 332.4	181.9	173.2 - 190.6	188.1	179.5 - 196.7
	Male	644.2	573.1 - 715.3	253.0	242.7 - 263.4	280.6	269.9 - 291.4
	Total	465.6	423.7 - 507.5	213.0	206.3 - 219.6	229.7	222.9 - 236.4
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
Mid Central	Female	548.4	484.5 - 612.2	334.3	322.4 - 346.2	342.1	330.5 - 353.8
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
Mid Central	Male	1048.7	957.0 - 1140.4	778.2	759.6 - 796.8	791.2	773.0 - 809.4
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
Mid Central	Female	0.0	0.0 - 0.0	20.4	17.2 - 23.5	23.5	20.1 - 26.8
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	ı	non-Māori	Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Mid Central	Female	361.8	310.2 - 413.4	314.0	302.8 - 325.2	320.1	309.1 - 331.2
	Male	316.3	266.8 - 365.8	441.7	427.9 - 455.6	436.5	423.2 - 449.9
	Total	339.1	303.5 - 374.8	373.7	364.9 - 382.5	374.3	365.8 - 382.9
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
Mid Central	Female	0.0	0.0 - 0.0	134.0	126.9 - 141.1	127.2	120.4 - 133.9
	Male	0.0	0.0 - 0.0	249.4	239.0 - 259.8	251.6	241.5 - 261.8
	Total	0.0	0.0 - 0.0	187.7	181.4 - 193.9	185.1	179.1 - 191.1
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

ICD-10 Codes

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

Description	ICD 10 AM codes used
Description State of the state	ICD-10-AM codes used
♥ Other central nervous system	C69–C70, C72
Thyroid and other endocrine glands	C73-C75
Ÿ Thyroid gland	C73
♥ Other endocrine glands	C74-C75
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80
Lymphoma	C81-C85
Ÿ Hodgkin's disease	C81
♥ Non-Hodgkin's lymphoma	C82-C85
Multiple myeloma and other malignant immunoproliferative diseases and malignant plasma cell neoplasms	C88, C90
Leukaemias	C91-C95
Ÿ Lymphoid leukaemia	C91
Ÿ Myeloid leukaemia	C92
Ÿ Acute myeloid leukaemia	C92.0, C92.4, C92.5
	C92.1-C92.3,
Ÿ Other myeloid leukaemia	C92.8-C92.9
ÿ 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
ÿ Melanoma in situ	D03
Ÿ Carcinoma in situ of breast	D05
Ÿ Carcinoma in situ of cervix uteri	D06
Ÿ 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 thursid sland	
Disorders of thyroid gland Diabetes mellitus	E00–E07
	E10-E14
Ÿ IDDM (type 1)	E10
Ÿ NIDDM (type 2)	E11-E14
Obesity	E66
V: Mental and behavioural disorders	F00-F99
Organic, including symptomatic, mental disorder	F00-F09
Ÿ Dementia, vascular and unspecified	F01, F03
Personality and behavioural disorders due to brain	F07
disease, damage, and dysfunction	
Mental and behavioural disorders due to psychoactive	F10-F19
substance use	F10
Ÿ Alcohol	F10
Ÿ Opioids	F11
Ÿ Cannabinoids	F12

Description	ICD-10-AM codes used
Schizophrenia, schizotypal and delusional disorders	F20-F29
Ÿ Schizophrenia	F20
ÿ Schizoaffective disorders	F25
Mood (affective) disorders	F30-F39
Ÿ Manic episode and bipolar affective disorder	F30-F31
Ÿ Manic episode	F30
ÿ Bipolar affective disorder	F31
Depressive episode and recurrent, and persistent mood [affective] disorders	F32–F34
ÿ Depressive episode	F32
ÿ Recurrent depressive disorder	F33
ÿ 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	G45
related syndromes	
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
Ÿ 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 circu	100–199	
Acute rheumatic fever		100–102
¥ Acute rheumatic h	poart disease	101, 102.0
, reace meanage		105–109
Chronic rheumatic heart disease		110- 15
Hypertensive diseases Ischemic heart disease		120–125
		120–123
0 1 1	infarction	
Acute myocardial Chronic ischemic l		21 25
	leart disease	125 126–128
Pulmonary circulation Other forms of heart dis	2020	
♥ Atrial fibrillation a		130–152
Y Heart failure	na natter	148
		150
Cerebrovascular disease		160–169
¥ Subarachnoid hae		160
intracerebral haer	morrhage, other nontraumatic orrhage	l61–l62
Cerebral infarction or infarction	n, stroke, not specified as haemorrhage	163–164
Other diseases of the ci	rculatory system	170–199
₩ Atherosclerosis		170
¥ Varicose veins of I	ower extremities	183
X: Diseases of the respi		J00–J99
Acute upper respiratory		J00–J06
Pneumonia	meedons	J12–J18
Acute bronchitis and bronchitis	onchiolitis	J20–J22
Chronic diseases of tons		J35
Chronic obstructive resp		J40–J44
Asthma	shatory discuse	J45–J46
Bronchiectasis		J47
XI: Diseases of the dige	stive system	K00-K93
Teeth and gums		K00-K08
Disorders of tooth embedded and im	development and eruption,	K00-K01
♥ Dental caries	ipacted teetii	К02
	nd periapical tissues	K04
Periodontal diseases	• •	K05-K06
	, stomach and duodenum	K20-K31
		K20-K22
Castric duadonal	-	
duodenitis	, peptic gastrojejunal ulcers, gastritis	K25-K29
Diseases of appendix		K35-K38
Hernia		K40-K46 K40
Ÿ Inguinal hernia	Ÿ Inguinal hernia	
Non-infective gastroenteritis and colitis		K50–K52
Other diseases of intest	K55–K67	
Diseases of liver	K70–K77	
Ÿ Alcoholic liver dise	ease	K70

Description	ICD 10 AM sodes used
Description Dispasses of gallbladder, biliany tract and panersas	ICD-10-AM codes used K80–K87
Diseases of gallbladder, biliary tract and pancreas Cholelithiasis	K80
	K85
Acute pancreatitis Other diseases of pancreas	K86
Haematemesis, melaena and gastrointestinal haemorrhage,	NOO
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
ÿ Stress incontinence	N39.3
Disorders of male genital organs	N40-N51
ÿ 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
Ÿ Endometriosis	N80
ÿ Female genital prolapse	N81
ÿ Dysplasia of cervix uteri	N87
 ♥ Excessive and frequent menstruation 	N92.0, N92.1
	N95
XV: Pregnancy, childbirth and the puerperium	000-099
Abscess of breast associated with childbirth	091.1
XVI: Certain conditions originating in the perinatal period	P00-P96
Slow fetal growth and fetal malnutrition and premature	P05-P07
Ÿ Slow fetal growth and fetal malnutrition	P05
ÿ Premature	P07.2-P07.3
Birth trauma	P10-P15
Respiratory and cardiovascular disorders specific to the	D20 D20
perinatal period	P20-P29

Description	ICD-10-AM codes used
ÿ 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	D00 D00
findings, not elsewhere classified	R00–R99
Symptoms and signs involving the circulatory and respiratory	R00-R09
systems Symptoms and signs involving the digastive system and	
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
ÿ Sudden infant death syndrome	R95
XIX: Injury, poisoning and certain other consequences of	S00-T98
external causes	
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	T80-T88
classified	
XX: External causes of morbidity and mortality	V01–Y98
Accidents	V01-V99, W00-X59, Y85,
Transport accidents	V01–V99, Y85
Ÿ Pedestrian	V01–V09
Ÿ Pedal cyclist	V10–V19
Other land transport (occupant of motorcycle, three-	V20 VEQ V0E 0
wheeled motor vehicle, car, pickup truck or van)	V20–V59, Y85.0
Ÿ Other transport	V90-V99, Y85.1
Other external causes of accidental injury	w00–x59, y86
Ÿ Falls	W00-W19
Exposure to mechanical forces	W20-W64
· ·	W20-W49
T Exposure to manimate mechanical forces	
 Exposure to inanimate mechanical forces Exposure to animate mechanical forces 	W50-W64
¥ Exposure to animate mechanical forces	
•	W50-W64
 Ÿ Exposure to animate mechanical forces Ÿ Drowning and submersion (non transport) Ÿ Fires ∴ Accidental poisoning by and exposure to noxious 	W50–W64 W65–W74
 Exposure to animate mechanical forces Drowning and submersion (non transport) Fires Accidental poisoning by and exposure to noxious substances 	W50–W64 W65–W74 X00–X09
 Exposure to animate mechanical forces Drowning and submersion (non transport) Fires Accidental poisoning by and exposure to noxious substances Accidental threats to breathing 	W50–W64 W65–W74 X00–X09 X40–X49
 Exposure to animate mechanical forces Drowning and submersion (non transport) Fires Accidental poisoning by and exposure to noxious substances Accidental threats to breathing Accidental suffocation or strangulation in bed 	W50–W64 W65–W74 X00–X09 X40–X49 W75-84
 Ÿ Exposure to animate mechanical forces Ÿ Drowning and submersion (non transport) Ÿ Fires Accidental poisoning by and exposure to noxious substances Ÿ Accidental threats to breathing Ÿ Accidental suffocation or strangulation in bed Intentional self-harm (suicide) 	W50–W64 W65–W74 X00–X09 X40–X49 W75-84 W75
 Exposure to animate mechanical forces Drowning and submersion (non transport) Fires Accidental poisoning by and exposure to noxious substances Accidental threats to breathing Accidental suffocation or strangulation in bed 	W50–W64 W65–W74 X00–X09 X40–X49 W75-84 W75 X60–X84, Y87.0

Desc	ription	ICD-10-AM codes used
Com	plications of medical and surgical care	Y40–Y84, Y88
Ÿ	Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40–Y59, Y88.0
Ÿ	Misadventure to patients during surgical and medical care	Y60–Y69, Y88.1
	Medical devices associated with adverse incidents,	
Ÿ	abnormal reaction, without mention of misadventure at the time of the procedure	Y70–Y84, Y88.2, Y88.3
XXI: servi	Factors influencing health status and contact with health ces	Z00–Z99
	ons encountering health services for examination and stigation	Z00–Z13
	ons with potential health hazards related to municable diseases	Z20–Z29
	ons encountering health services in circumstances related production	Z30–Z39
Ÿ	Outcome of delivery Liveborn infants	Z37
Pers	ons encountering health services for specific procedures health care	Z38 Z40–Z54
Ÿ	Care involving dialysis	Z49
Ÿ Pers∈	Care involving rehabilitation ons with potential health hazards related to	Z50
socio	peconomic and psychosocial circumstances	Z55–Z65
Pers	ons 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