

Centre for
Public Health
Research



Health Needs Assessment

Waitemata District Health Board

For the Ministry of Health

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Health Needs Assessment

Waitemata District Health Board

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EXECUTIVE SUMMARY

The report identifies the unmet health and healthcare needs of the Waitemata 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 Waitemata 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, Waitemata DHB had a population of 504,700 which is predicted to increase to 665,870 by 2026. The percentage increase will be greater than that for New Zealand as a whole. The proportion of people identifying themselves as Māori in Waitemata DHB is lower than that of New Zealand as a whole. The Māori population in Waitemata DHB is much younger than the non-Māori population and is dominated by young people. This trend is expected continue over the period to 2026.

In Waitemata DHB, the distribution of communities across the NZDep06 deprivation scale is skewed towards the lower deprivation deciles. Whilst distribution across the levels of deprivation is concentrated in lower deprivation deciles for non-Māori, Māori representation increases with increasing levels of deprivation (up to decile 8, after which it declines).

Health status

Avoidable mortality and hospitalisations

The avoidable mortality rates for Māori in the Waitemata DHB were not statistically significantly different from the non-Māori rates.

Ischaemic heart disease, lung cancer and diabetes were leading causes of avoidable mortality for both Māori and non-Māori. Motor vehicle accidents and COPD were other major causes for Māori, compared to suicide and self-inflicted injuries and breast cancer (females only) for non-Māori.

The Māori female and male rates for avoidable hospitalisations were statistically significantly higher than the comparable non-Māori rates.

In the Waitemata DHB, the Māori mortality rates from unintentional injury were substantially higher than the comparable non-Māori rates, but they were not statistically significantly different.

In the Waitemata DHB, the total (both genders) Māori hospitalisation rate from unintentional injury were statistically significantly higher than the non-Māori rate. In addition, the overall rates in DHB for both ethnic groups combined were statistically significantly higher than the national average.

Child and youth health

The leading causes of hospitalisations for children 0-4 years of age were similar for Māori and non-Māori: respiratory infections, disorders related to length of gestation and fetal growth, and gastro-oesophageal reflux disease. Asthma was an additional leading cause for Māori only.

Injuries to the elbow and forearm, dental conditions, respiratory infections, and ENT infections were the leading causes of hospitalisation for both Māori and non-Māori children aged 5-14 years. Injuries to the head was also a major cause for non-Māori, but not Māori.

Respiratory infections, injuries to the elbow and forearm, dental conditions, and ENT infections were the leading causes for hospitalisation for both females and males aged 5-14 years in the Waitemata DHB.

Older people

Ischaemic heart disease, lung cancer, and COPD were major causes of Māori and non-Māori mortality for those aged 65+ years. Diabetes was also a leading cause for Māori, and stroke and colorectal cancer for non-Māori.

Respiratory infections, COPD, ischaemic heart disease were the three leading causes of hospitalisation for Māori 65+ years of age, compared to angina, respiratory infections, and ischaemic heart disease for non-Māori.

Other health conditions

The mortality rate for ischaemic heart disease was statistically significantly higher for Māori than non-Māori.

The COPD hospitalisation rate for Māori was statistically significantly higher than the non-Māori rate.

The cancer specific rate for lung cancer hospitalisation was statistically significantly higher for Māori than non-Māori. In contrast, hospitalisation and registration rates for melanoma were statistically significantly lower for Māori compared to their non-Māori counterparts.

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

Māori children 0-14 years admitted to hospital for asthma had a statistically significantly higher rate than non-Māori children.

Health service utilisation

The Māori immunisation coverage rate at 2 years was lower than the non-Māori rate, but both were below the national average.

In the Waitemata DHB, the Māori influenza vaccination rates for those 65+ years was lower than the non-Māori rate, but both were below the national average.

In the Waitemata DHB, the Māori breast cancer screening coverage was slightly higher than the non-Māori rate, and also considerably higher than the New Zealand Māori rate.

The Māori cervical cancer screening rate was lower than the national average for Māori, but both were considerably lower than the comparable non-Māori rates.

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 Waitemata DHB on:

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

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

METHODS AND DATA SOURCES

Data Notes

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

Table 1: Data sources for numerators

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

Identifying the Years of Data Collection

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

National Collections

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

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

Disease Classification

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

Ethnicity Classification

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

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

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

Denominators

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

Rates

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

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

Age-standardised Rates (ASRs)

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

Confidence Intervals

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

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

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

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

Māori ASR statistically significantly higher than non-Māori ASR

Māori ASR statistically significantly lower than non-Māori ASR

District Health Board ASR compared to New Zealand ASR:

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Ranking of Leading Causes

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

How to interpret tables in this report

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

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

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

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

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

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

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

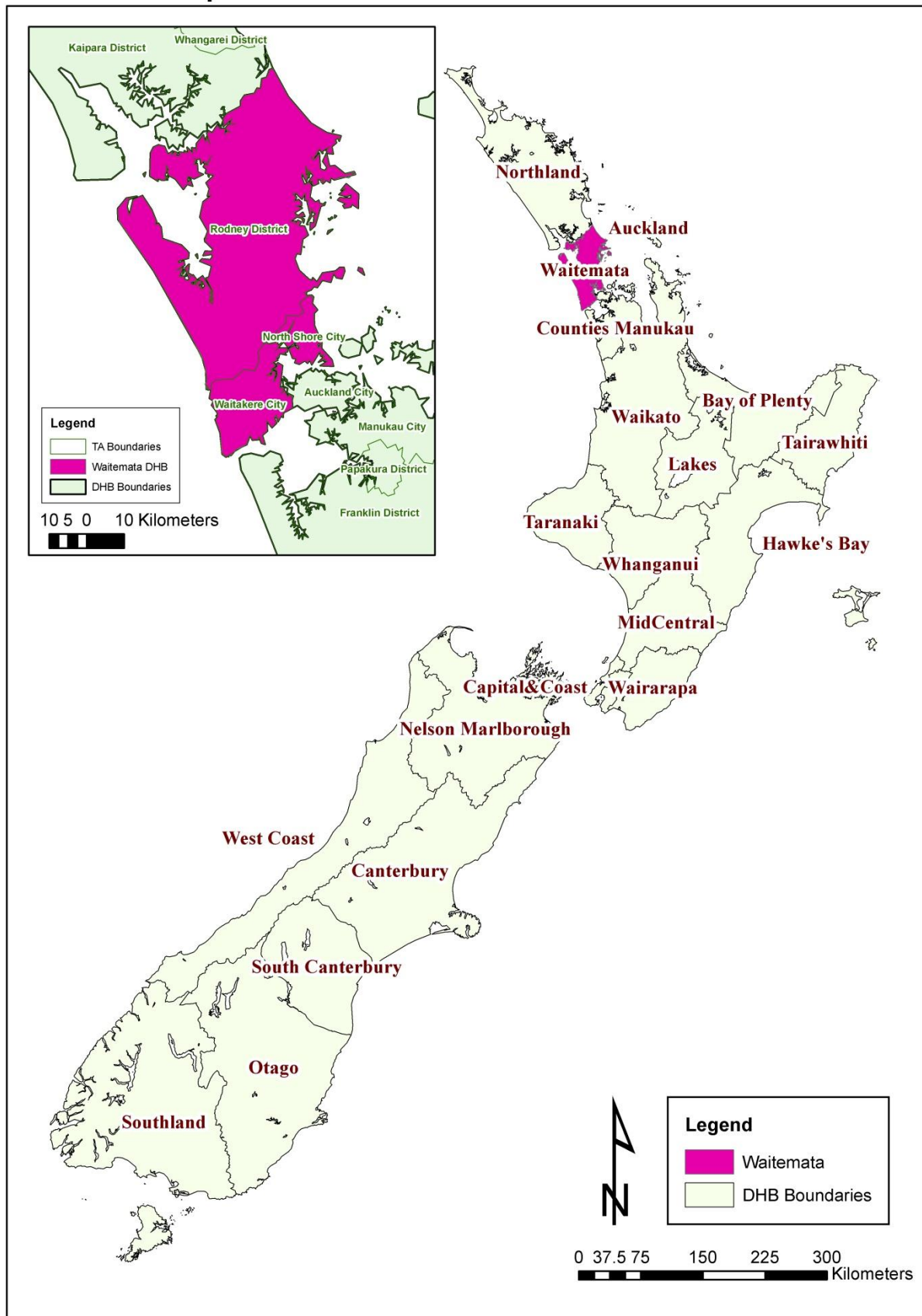
The dark blue shows that the ASR for the total Māori population in the DHB (919.1 per 100,000) is statistically significantly higher than the ASR for the total non-Māori population in the DHB (622.3 per 100,000)

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

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

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

Map of New Zealand District Health Boards



1 THE POPULATION

Waitemata DHB had a population of 504,700 at the last (2006) census, making up approximately 12.1 percent of the total New Zealand population (4,184,580 at the last census). This population is projected to rise to 665,870 by 2026, an increase of 31.9 percent. The New Zealand population is predicted to rise by 19.2 percent over the same period.

1.1 Ethnicity

The proportion of people identifying themselves as Māori in Waitemata DHB is lower than that of New Zealand as a whole, (9.7% compared to 14.6%). This represents 7.8 percent of the New Zealand Māori population (2006 Census).

1.2 Population Distribution by Age and Gender

The majority of the Waitemata DHB population (67.8%) are of working age (15-64 years), this makes up a slightly higher proportion of the population compared to New Zealand as a whole (66.5%), (Table 1.1). There is a similar proportion of young people (aged 0-14 years) and fewer elderly (aged 65+ years) in the Waitemata DHB when compared to the New Zealand population. The Waitemata DHB population peaks at 40-44 years, (Figure 1).

It is projected that by 2026, the proportion of the population in the 65+ age group will have increased by 108.2 percent in Waitemata DHB, more than the 84.5 percent predicted nationally. Populations of both young people and those of working age are predicted to rise markedly, (by 16.2% and 24.6% respectively). Trends for the rest of New Zealand are for small increases in these two age groups (of 4.6% and 12.0% respectively). The population is predicted to become more evenly distributed over the period to 2026, with the two small population peaks at 15-19 years and 30-39 years.

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

Location	Age Group	2006(Base Population)			2026 (Projected Population)		
		Male	Female	Total	Male	Female	Total
Waitemata	0-14	22.3	20.3	21.3	19.6	18.0	18.8
	15-64	67.7	67.8	67.8	64.4	63.6	64.0
	65+	9.9	11.9	10.9	16.0	18.4	17.2
New Zealand	0-14	22.2	20.3	21.2	19.4	17.9	18.6
	15-64	66.6	66.5	66.5	62.7	62.2	62.5
	65+	11.2	13.2	12.2	17.9	19.9	18.9

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

Location	Age Group	2006(Base)			2026			Percentage increase 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	0-14	55170	52360	107510	64140	60840	124970	16.3	16.2	16.2
	15-64	167260	174810	342080	211210	214920	426150	26.3	22.9	24.6
	65+	24550	30540	55110	52540	62200	114750	114.0	103.7	108.2
	Total	246980	257710	504700	327890	337960	665870	32.8	31.1	31.9
New Zealand	0-14	454960	433360	888310	477070	451780	928840	4.9	4.3	4.6
	15-64	1364450	1420210	2784650	1545220	1573770	3119010	13.2	10.8	12.0
	65+	228930	282690	511620	440280	503800	944080	92.3	78.2	84.5
	Total	2048340	2136260	4184580	2462570	2529350	4991930	20.2	18.4	19.3

Figure 1: Population, age and gender, 2006 Census

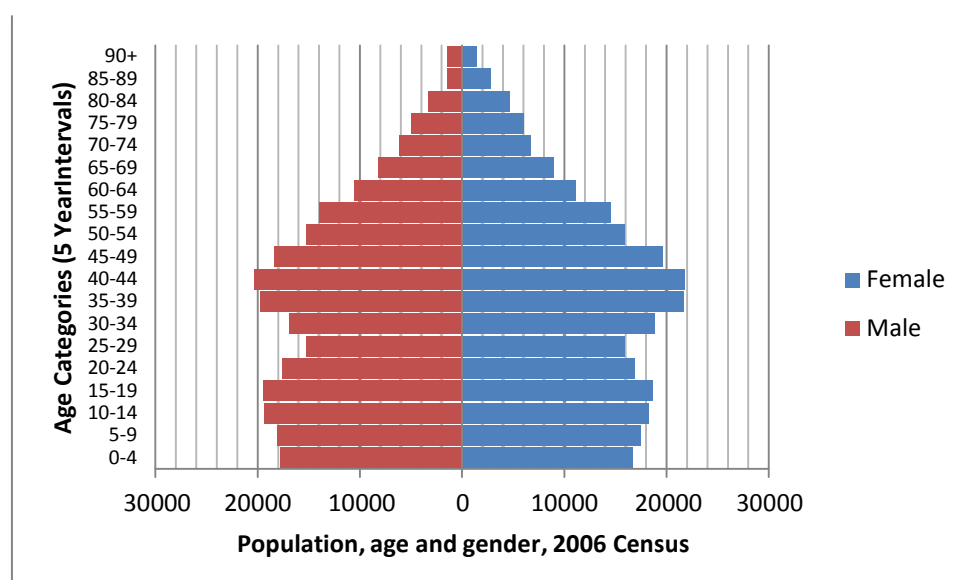
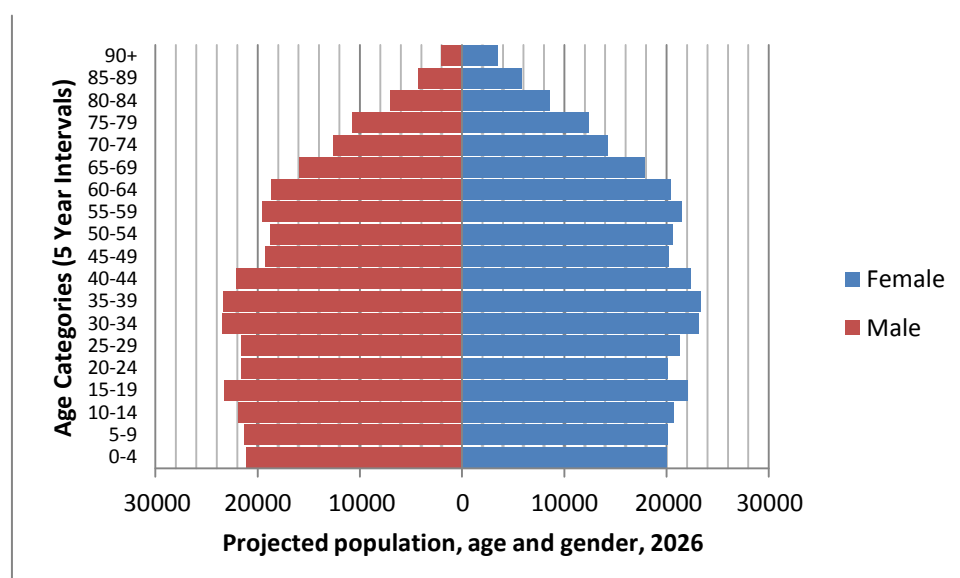


Figure 2: Projected population, age and gender, 2026



1.3 Population Distribution by Ethnicity

The Waitemata Māori population is younger than the non-Māori population. The Māori population is dominated by young people, with peak population occurring at 0-4 years. By comparison the non-Māori population is older, peaking at 40-44 years.

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

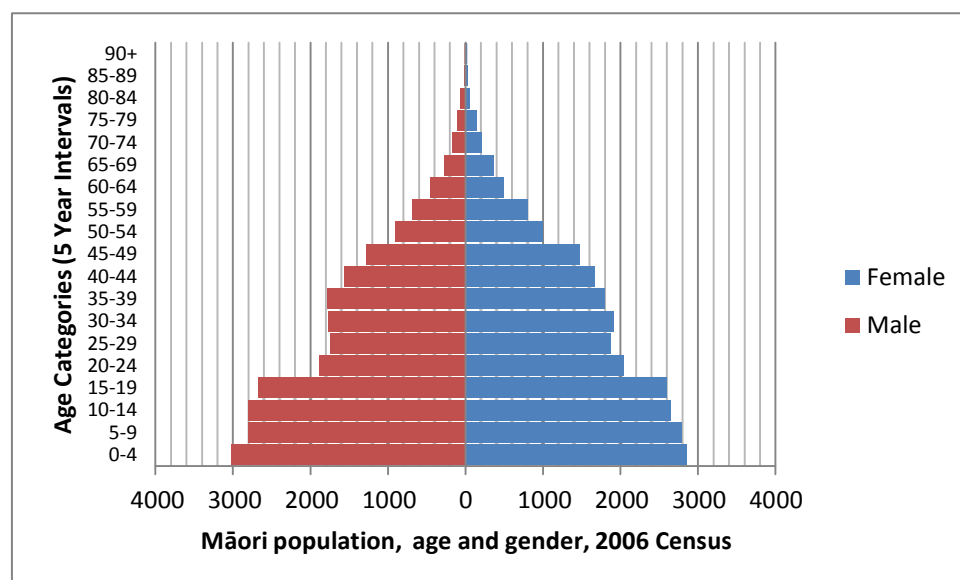
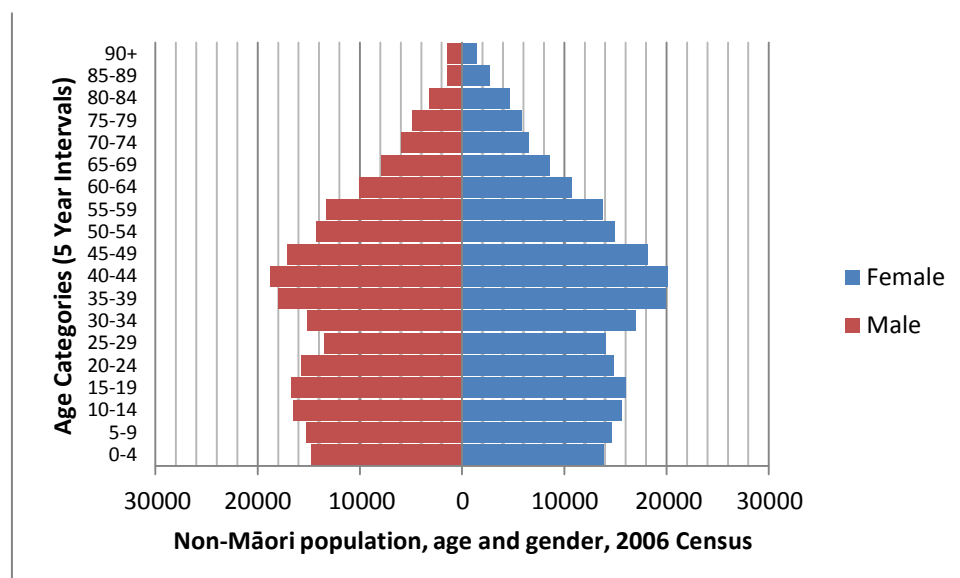


Figure 4: Non-Māori population, age and gender, 2006 Census



Over the period 2006-2026, the young (aged 0-14 years) and working age (15-64 years) Māori populations are predicted to increase considerably (by 36.7% and 37.6% respectively). The young and working age non-Māori population are also predicted to increase over the same period (by 12.4% and 23.3%). However the greatest population increases occur in the elderly population for

both Māori (210.2%) and non-Māori (105.4%). This is predicted to lead to an overall increase in the Māori population of 42.6 percent, and an increase in the non-Māori population of 30.8 percent.

Whilst young people are predicted to continue to dominate the Māori population (peak age 0-4 years), it becomes more evenly distributed. The non-Māori population is predicted to age considerably over the same period; however peak population falls to 30-39 years.

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

Location	Age Group	2006(Base)			2026			Percentage increase 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	0-14	8620	8300	16910	11850	11250	23110	37.5	35.5	36.7
	15-64	14790	15680	30450	20830	21130	41980	40.8	34.8	37.9
	65+	650	830	1470	1990	2570	4560	206.2	209.6	210.2
	Total	24060	24810	48830	34670	34950	69650	44.1	40.9	42.6
New Zealand	0-14	110480	104810	215310	132290	125860	258150	19.7	20.1	19.9
	15-64	183640	199700	383320	236750	246600	483350	28.9	23.5	26.1
	65+	11680	14010	25710	30830	38330	69150	164.0	173.6	169.0
	Total	305800	318520	624340	399870	410790	810650	30.8	29.0	29.8

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

Location	Age Group	2006(Base)			2026			Percentage increase 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	0-14	46550	44060	90600	52290	49590	101860	12.3	12.6	12.4
	15-64	152470	159130	311630	190380	193790	384170	24.9	21.8	23.3
	65+	23900	29710	53640	50550	59630	110190	111.5	100.7	105.4
	Total	222920	232900	455870	293220	303010	596220	31.5	30.1	30.8
New Zealand	0-14	344480	328550	673000	344780	325920	670690	0.1	-0.8	-0.3
	15-64	1180810	1220510	2401330	1308470	1327170	2635660	10.8	8.7	9.8
	65+	217250	268680	485910	409450	465470	874930	88.5	73.2	80.1
	Total	1742540	1817740	3560240	2062700	2118560	4181280	18.4	16.5	17.4

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

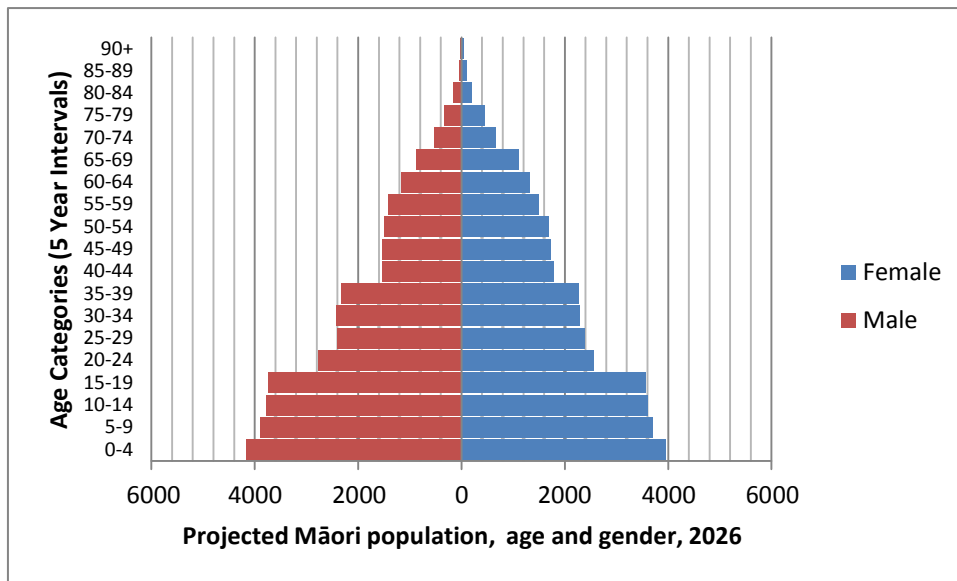
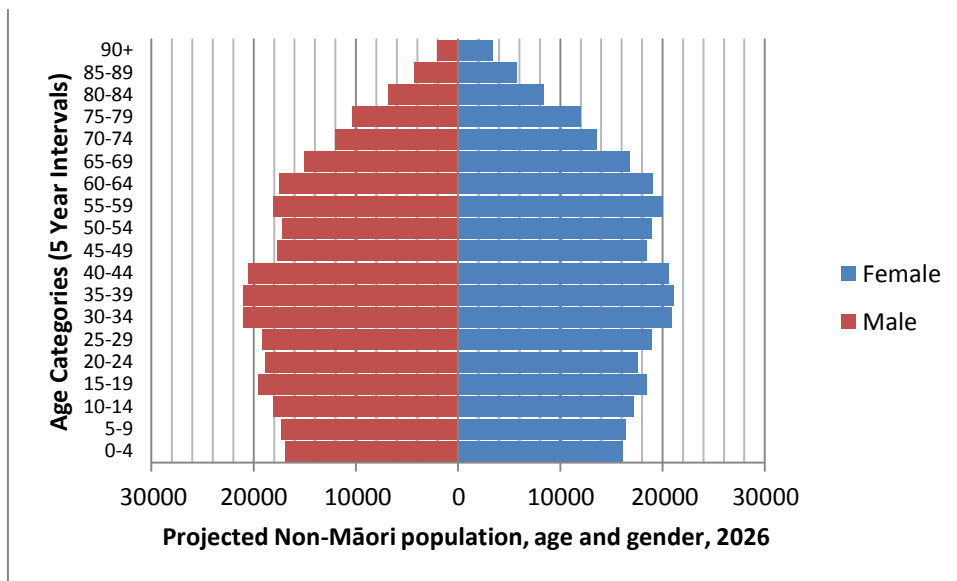


Figure 6: Projected non-Māori population, age and gender, 2026



2 SOCIAL DETERMINANTS OF HEALTH

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

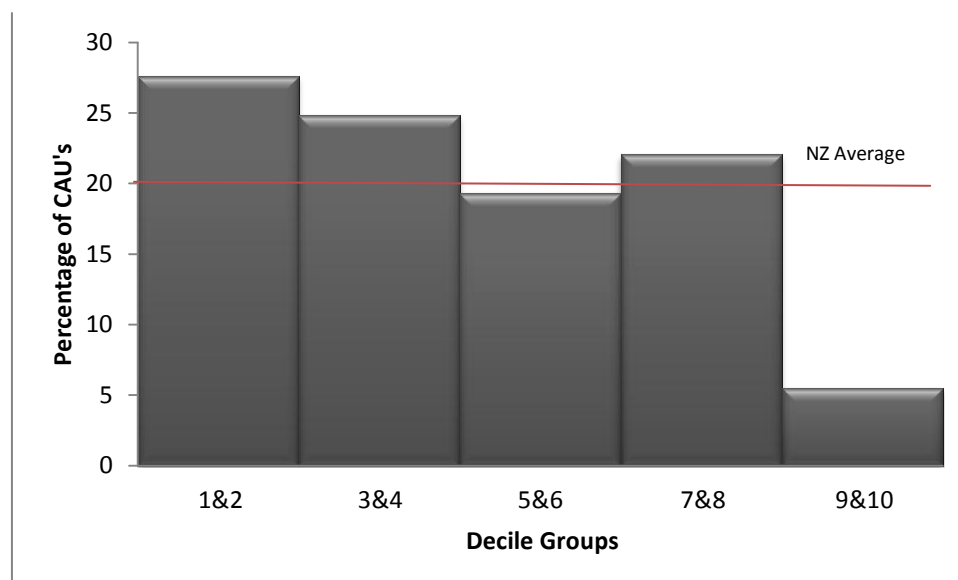
“..The circumstances, in which people are born, grow up, live, work and age, and the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: economics, social policies, and politics”, (World Health Organisation, 2008).

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

2.1 The New Zealand Index of Deprivation (NZDep06)

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

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



In Waitemata DHB the distribution of communities across the NZDep06 deprivation scale generally decreases as levels of deprivation increase. The proportion of the Māori population represented increases with increasing levels of deprivation (up to decile 8 after which there is a fall off). The opposite is true for the non-Māori population which increases in representation between deciles 1 and 2 then steadily decreases thereafter. Distribution for both Māori and non-Māori is similar to, but less pronounced than, national trends.

Figure 8: Waitemata DHB population, ethnicity and NZDep06 Decile

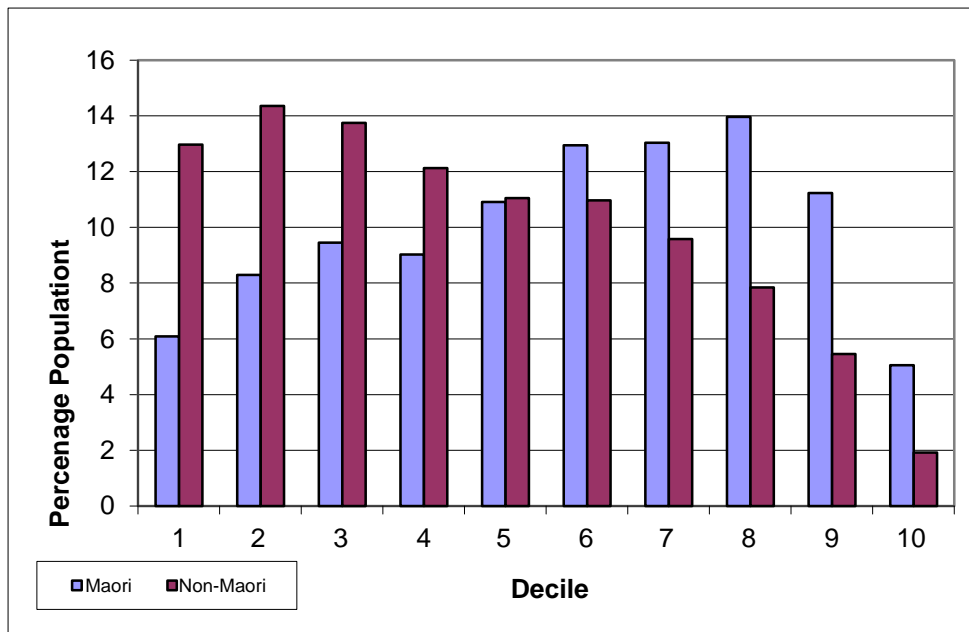
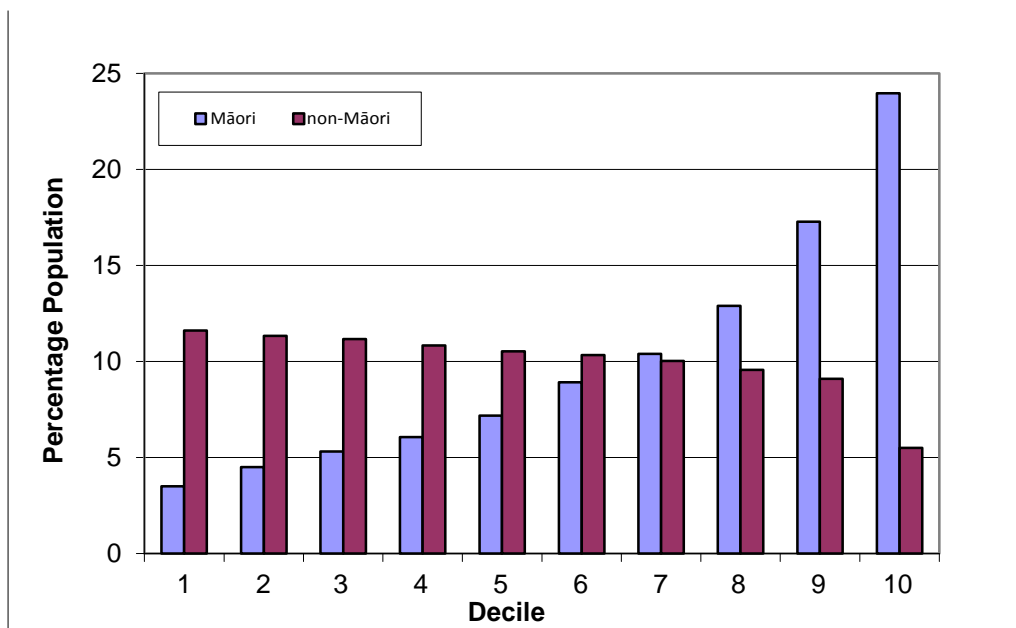


Figure 9: New Zealand population, ethnicity and NZDep06 Decile



2.2 Education

The population of Waitemata DHB has a larger proportion of university graduates (degree level and above) (16.3%), compared to the New Zealand population (14.2%). It also has a lower rate of people with no qualifications (17.5% compared to 22.4% for New Zealand).

2.3 Income

The Waitemata DHB population has a higher proportion of the people earning over \$30,000 in personal income; 42.0 percent compared to 37.3 percent for New Zealand. This represents a higher 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 Waitemata DHB population is similar to that for New Zealand (95.3% compared to 94.9%). In terms of type of employment, there is a higher proportion of professionals and managers in Waitemata DHB (38.2% compared to 36.0% nationally) and a lower proportion of machine operators and labourers (12.0% compared to 16.8% nationally).

2.5 Housing Tenure

More people own or part-own their own home, or hold it in family trust, and fewer rent in the Waitemata DHB when compared to New Zealand.

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

	Unit	Total, dwelling owned or partly owned by usual resident(s)	Total, dwelling not owned or partly owned by usual resident(s)	Total, dwelling held in a family trust by usual resident(s)	Not elsewhere included	Total
Waitemata	Number	88746	47097	21096	9918	166857
	Percentage	53.2	28.2	12.6	5.9	100.0
New Zealand	Number	743955	451965	167925	90333	1454178
	Percentage	51.2	31.1	11.6	6.2	100.0

2.6 Communications and Transport

Access to telecommunication overall in the Waitemata DHB is higher than nationally for all categories. Overall, 1.1 percent of people in Waitemata DHB have no access to telecommunications compared to 2.0 percent of people in New Zealand.

Access to a motor vehicle is higher in Waitemata DHB compared to national levels. 5.3 percent of the Waitemata DHB population have no access to a motor vehicle compared to 7.7 percent nationally.

3 HEALTH STATUS

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

Key points

Avoidable mortality and hospitalisation

- The avoidable mortality rates for Māori in the Waitemata DHB were not statistically significantly different from the non-Māori rates.
- Ischaemic heart disease, lung cancer and diabetes were leading causes of avoidable mortality for both Māori and non-Māori. Motor vehicle accidents and COPD were other major causes for Māori, compared to suicide and self-inflicted injuries and breast cancer (females only) for non-Māori.
- The Māori female and male rates for avoidable hospitalisations were statistically significantly higher than the comparable non-Māori rates.
- In the Waitemata DHB, the Māori mortality rates from unintentional injury were substantially higher than the comparable non-Māori rates, but they were not statistically significantly different.
- In the Waitemata DHB, the total (both genders) Māori hospitalisation rate from unintentional injury were statistically significantly higher than the non-Māori rate. In addition, the overall rates in DHB for both ethnic groups combined were statistically significantly higher than the national average.

Children

- The leading causes of hospitalisations for children 0-4 years of age were similar for Māori and non-Māori: respiratory infections, disorders related to length of gestation and fetal growth, and gastro-oesophageal reflux disease. Asthma was an additional leading cause for Māori only.
- Injuries to the elbow and forearm, dental conditions, respiratory infections, and ENT infections were the leading causes of hospitalisation for both Māori and non-Māori children aged 5-14 years. Injuries to the head was also a major cause for non-Māori, but not Māori.
- Respiratory infections, injuries to the elbow and forearm, dental conditions, and ENT infections were the leading causes for hospitalisation for both females and males aged 5-14 years in the Waitemata DHB.

Older People

- Ischaemic heart disease, lung cancer, and COPD were major causes of Māori and non-Māori mortality for those aged 65+ years. Diabetes was also a leading cause for Māori, and stroke and colorectal cancer for non-Māori.

- Respiratory infections, COPD, ischaemic heart disease were the three leading causes of hospitalisation for Māori 65+ years of age, compared to angina, respiratory infections, and ischaemic heart disease for non-Māori.

Other Health Conditions

- The mortality rate for ischaemic heart disease was statistically significantly higher for Māori than non-Māori. However, the ischaemic heart disease mortality rate for Waitemata DHB was statistically significantly lower than the national rate.
- The COPD hospitalisation rate for Māori was statistically significantly higher than the non-Māori rate but the COPD hospitalisation rate in the Waitemata DHB was statistically significantly lower than the national rate.
- In the Waitemata DHB, the rates of all cancer and melanoma hospitalisation were statistically significantly lower than the national rates. The cancer specific rate for lung cancer hospitalisation was statistically significantly higher for Māori than non-Māori. In contrast, hospitalisation and registration rates for melanoma were statistically significantly lower for Māori compared to their non-Māori counterparts.
- The unintentional injury mortality and hospitalisation rates for Māori youths (15-24 years) were statistically significantly higher than that for non-Māori. Youths in the Waitemata DHB had a statistically significantly lower unintentional mortality rate than youths in New Zealand; however the local hospitalisation rate was statistically significantly higher than that observed nationally.
- Māori children 0-14 years admitted to hospital for asthma had a statistically significantly higher rate than non-Māori children.
- In the Waitemata DHB, the rate of hospital admissions due to falls was statistically significantly higher than the national rate.

3.1 Avoidable Mortality

The avoidable mortality rates for Māori in the Waitemata DHB were not statistically significantly different from the non-Māori rates (Table 3.1).

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

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Waitemata	Female	167.0	12.0	- 321.9	62.6	36.1	- 89.1	68.8	42.3	- 95.2
	Male	257.4	54.5	- 460.3	95.3	62.5	- 128.2	105.6	72.3	- 138.9
	Total	210.0	84.0	- 336.1	78.6	57.5	- 99.6	86.7	65.5	- 107.9
New Zealand	Female	214.6	168.7	- 260.5	74.2	63.5	- 84.8	88.9	78.2	- 99.6
	Male	308.9	251.4	- 366.5	122.9	109.1	- 136.7	142.4	128.6	- 156.1
	Total	259.8	223.3	- 296.3	98.1	89.4	- 106.8	115.1	106.4	- 123.8

3.2 Leading Causes of Avoidable Mortality

Ischaemic heart disease, lung cancer and diabetes were leading causes of avoidable mortality for both Māori and non-Māori (Table 3.2). Motor vehicle accidents and COPD were other major causes for Māori, compared to suicide and self-inflicted injuries and breast cancer (females only) for non-Māori.

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

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

Note: COPD=chronic obstructive pulmonary disease

Ischaemic heart disease and lung cancer were two of the major causes of avoidable mortality for both females and males (Table 3.3). However, the other leading causes were different between the genders.

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

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

3.3 Avoidable Hospitalisations

The Māori female and male rates for avoidable hospitalisations were statistically significantly higher than the comparable non-Māori rates (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% confidence		ASR	95% confidence		ASR	95% confidence	
Waitemata	Female	5166.6	4303.4	- 6029.9	3256.7	2992.5	- 3520.9	3446.8	3195.6	- 3698.0
	Male	5098.5	4222.7	- 5974.3	3626.6	3350.8	- 3902.4	3766.9	3506.7	- 4027.1
	Total	5133.9	4519.6	- 5748.2	3443.2	3252.1	- 3634.4	3608.2	3427.2	- 3789.2
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

The leading causes of avoidable hospitalisations for Māori and non-Māori were similar (Table 3.5).

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

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

Note: ENT infections= ear, nose and throat infections

The leading causes of avoidable hospitalisations were broadly similar for both genders, with the exceptions of cellulitis for females, and asthma for males (Table 3.6).

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

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

Note: ENT infections= ear, nose and throat infections

3.5 Unintentional Injury Mortality

In the Waitemata DHB, the Māori mortality rates from unintentional injury were substantially higher than the comparable non-Māori rates, but they were not statistically significantly different (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-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Waitemata	Female	26.9	-34.1	- 87.9	5.0	-3.4	- 13.4	7.6	-3.0	- 18.1
	Male	35.4	-36.4	- 107.1	16.3	0.0	- 32.6	18.5	1.8	- 35.1
	Total	31.0	-15.9	- 77.9	10.6	1.4	- 19.8	12.9	3.1	- 22.8
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

In the Waitemata DHB, the total (both genders) Māori hospitalisation rate from unintentional injury were statistically significantly higher than the non-Māori rate (Table 3.8). In addition, the overall rates in DHB for both ethnic groups combined were statistically significantly higher than the national average.

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

		Māori			non-Māori			Total		
		ASR	95% confidence		ASR	95% confidence		ASR	95% confidence	
Waitemata	Female	1962.5	1427.9	- 2497.2	1505.8	1326.9	- 1684.8	1564.5	1395.4	- 1733.6
	Male	3346.2	2643.4	- 4049.0	2525.7	2298.5	- 2752.9	2626.4	2410.5	- 2842.2
	Total	2645.6	2205.8	- 3085.3	2017.5	1872.7	- 2162.3	2096.7	1959.4	- 2233.9
New Zealand	Female	1344.0	1220.6	- 1467.5	1133.4	1077.2	- 1189.6	1174.8	1124.1	- 1225.5
	Male	2485.9	2315.3	- 2656.6	2015.8	1942.3	- 2089.3	2095.7	2028.9	- 2162.6
	Total	1900.9	1796.5	- 2005.3	1575.3	1529.0	- 1621.6	1634.3	1592.4	- 1676.3

3.7 Child Health (0-14 years)

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

The leading causes of hospitalisations for children 0-4 years of age were similar for Māori and non-Māori (Table 3.9): respiratory infections, disorders related to length of gestation and fetal growth, and gastro-oesophageal reflux disease. Asthma was an additional leading cause for Māori only.

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

	Waitemata 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 for examination and investigation	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
	**Persons encountering health services in other circumstances	2	Respiratory infections	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Persons encountering health services for examination and investigation	5	ENT infections	5

Note: ENT infections= ear, nose and throat infections

*Persons encountering health services for examination and investigation (Z00-Z13). For example, general medical examination or routine child health examination. **Persons encountering health services in other circumstances (Z70-Z76). For example, health supervision and care of other healthy infant and child.

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

There was no difference between boys and girls aged 0-4 years in the leading causes of hospitalisation (Table 3.10)

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

	Waitemata DHB		New Zealand	
	Condition	Rank	Condition	Rank
Female	Respiratory infections	1	Persons encountering health services in other circumstances	1
	*Persons encountering health services in other circumstances	2	Respiratory infections	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	**Persons encountering health services for examination and investigation	5	ENT infections	5
Male	Respiratory infections	1	Respiratory infections	1
	Persons encountering health services in other circumstances	2	Persons encountering health services in other circumstances	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Persons encountering health services for examination and investigation	5	ENT infections	5
Total	Respiratory infections	1	Respiratory infections	1
	Persons encountering health services in other circumstances	2	Persons encountering health services in other circumstances	2
	Disorders related to length of gestation and fetal growth	3	Disorders related to length of gestation and fetal growth	3
	Gastro-oesophageal reflux disease	4	Gastro-oesophageal reflux disease	4
	Persons encountering health services for examination and investigation	5	ENT infections	5

Note: ENT infections= ear, nose and throat infections

*Persons encountering health services in other circumstances (Z70-Z76). For example, health supervision and care of other healthy infant and child. **Persons encountering health services for examination and investigation (Z00-Z13). For example, general medical examination or routine child health examination.

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

Injuries to the elbow and forearm, dental conditions, respiratory infections, and ENT infections were the leading causes of hospitalisation for both Māori and non-Māori children aged 5-14 years (Table 3.11). Injuries to the head was also a major cause for non-Māori, but not Māori.

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

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

Note: ENT infections= ear, nose and throat infections

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

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

Respiratory infections, injuries to the elbow and forearm, dental conditions, and ENT infections were the leading causes for hospitalisation for both females and males aged 5-14 years in the Waitemata DHB (Table 3.12). These patterns were similar to the national average.

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

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

Note: ENT infections= ear, nose and throat infections

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

3.8 Older People's Health (65+ years)

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

Ischaemic heart disease, lung cancer, and COPD were major causes of Māori and non-Māori mortality for those aged 65+ years (Table 3.13). Diabetes was also a leading cause for Māori, and stroke and colorectal cancer for non-Māori.

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

	Waitemata 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
	*	5	Stroke	5
non-Māori	Ischaemic heart disease	1	Ischaemic heart disease	1
	Stroke	2	Stroke	2
	Lung cancer	3	COPD	3
	COPD	4	Lung cancer	4
	Colorectal cancer	5	Colorectal cancer	5

Note: COPD=chronic obstructive pulmonary disease

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

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

Ischaemic heart disease, stroke, lung and colorectal cancers were leading causes of mortality for both genders aged 65+ years (Table 3.14). Breast cancer for females, and COPD for males, were additional major causes of death.

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

	Waitemata 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
	Stroke	2	Lung cancer	2
	Lung cancer	3	COPD	3
	COPD	4	Stroke	4
	Colorectal cancer	5	Colorectal cancer	5
Total	Ischaemic heart disease	1	Ischaemic heart disease	1
	Stroke	2	Stroke	2
	Lung cancer	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

Respiratory infections, COPD, ischaemic heart disease were the three leading causes of hospitalisation for Māori 65+ years of age, compared to angina, respiratory infections, and ischaemic heart disease for non-Māori (Table 3.15).

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

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

Note: COPD=chronic obstructive pulmonary disease

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

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

Females and males aged 65+ years have similar leading causes for hospitalisation (Table 3.16).

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

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

Note: COPD=chronic obstructive pulmonary disease

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

3.9 Other Health Conditions

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

3.9.1 Chronic conditions

The mortality rate for ischaemic heart disease was statistically significantly higher for Māori than non-Māori (Appendix 2: Table 2.1.3). However, the ischaemic heart disease mortality rate for Waitemata DHB was statistically lower than the national rate.

The COPD hospitalisation rate for Māori was statistically significantly higher than the non-Māori rate but the COPD hospitalisation rate in the Waitemata DHB was statistically significantly lower than the national rate (Appendix 3: Table 3.1.27).

3.9.2 Cancer

In the Waitemata DHB, the rates of all cancer and melanoma hospitalisation were statistically significantly lower than the national rates (Appendix 3: Table 3.1.5 and Table 3.1.11). The cancer specific rate for lung cancer hospitalisation was statistically significantly higher for Māori than non-Māori (Appendix 3: Table 3.1.6). In contrast, hospitalisation and registration rates for melanoma were statistically significantly lower for Māori compared to their non-Māori counterparts (Appendix 4: Table 4.1.6).

3.9.3 Other conditions

The unintentional injury mortality and hospitalisation rates for Māori youths (15-24 years) were statistically significantly higher than that for non-Māori (Appendix 2: Table 2.1.15 and Appendix 3: Table 3.1.14). Youths in the Waitemata DHB had a statistically significantly lower unintentional mortality rate than youths in New Zealand; however the local hospitalisation rate was statistically significantly higher than that observed nationally.

Māori children under 15 years admitted to hospital for asthma had a statistically significantly higher rate than non-Māori children (Appendix 3: Table 3.1.28).

In the Waitemata DHB, the rate of hospital admissions due to falls was statistically significantly higher than the national rate (Appendix 3: Table 3.1.31).

4 HEALTH SERVICE UTILISATION

New Zealanders have access to a variety of health care workers and services in the health and disability sector. This chapter presents information on the use of these services within the Waitemata 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

- The Māori immunisation coverage rate at 2 years was lower than the non-Māori rate, but both were below the national average.
- In the Waitemata DHB, the Māori influenza vaccination rates for those 65+ years was lower than the non-Māori rate, but both were below the national average.
- In the Waitemata DHB, the Māori breast cancer screening coverage was slightly higher than the non-Māori rate, and also considerably higher than the New Zealand Māori rate.
- The Māori cervical cancer screening rate was lower than the national average for Māori, but both were considerably lower than the comparable non-Māori rates.

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.

The Māori immunisation coverage rate at 2 years was lower (68.0%) than the non-Māori rate (76.2%), and both were below the national average (Table 4.1).

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

DHB	Māori	non-Māori	Total
Waitemata DHB	68.0%	76.2%	75.1%
New Zealand	72.0%	79.4%	77.7%

4.2 Influenza Vaccine Coverage at 65+ Years

In the Waitemata DHB, the Māori influenza vaccination rate for those 65+ years (51.8%) was lower than the non-Māori rate (55.1%), but both were below the national average (Table 4.2).

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

DHB	Māori	non-Māori	Total
Waitemata DHB	51.8%	55.1%	55.9%
New Zealand	54.4%	60.9%	60.5%

4.3 Breast Cancer Screening

In the Waitemata DHB, the Māori breast cancer screening coverage (63.7%) was slightly higher than the non-Māori rate (62.2%), and also considerably higher than the New Zealand Māori rate (51.5%), (Table 4.3).

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

DHB	Māori	non-Māori	Total
Waitemata DHB	63.7%	62.2%	61.2%
New Zealand	51.5%	65.0%	63.7%

4.4 Cervical Cancer Screening

The Māori cervical cancer screening rate (46.3%) was lower than the national average for Māori (54.4%), but both were considerably lower than the comparable non-Māori rates (Table 4.4).

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

DHB	Māori	non-Māori	Total
Waitemata DHB	46.3%	81.0%	80.4%
New Zealand	54.4%	75.5%	72.6%

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Appendix 1

Demographic Tables

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

Location	Age Group	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	0-14	55,170	52,360	107,510	58,290	55,300	113,600	60,320	56,960	117,290	62,860	59,540	122,380	64,140	60,840	124,970	16.3	16.2	16.2
	15-64	167,260	174,810	342,080	183,150	190,180	373,340	191,250	197,860	389,110	201,550	206,960	408,490	211,210	214,920	426,150	26.3	22.9	24.6
	65+	24,550	30,540	55,110	31,470	38,030	69,490	37,140	44,150	81,300	44,080	52,080	96,150	52,540	62,200	114,750	114.0	103.7	108.2
	Total	246,980	257,710	504,700	272,910	283,510	556,430	288,710	298,970	587,700	308,490	318,580	627,020	327,890	337,960	665,870	32.8	31.1	31.9
New Zealand	0-14	454,960	433,360	888,310	463,530	439,930	903,460	471,020	446,390	917,400	481,280	455,240	936,520	477,070	451,780	928,840	4.9	4.3	4.6
	15-64	1,364,450	1,420,210	2,784,650	1,453,870	1,503,460	2,957,340	1,484,350	1,530,690	3,015,030	1,514,650	1,554,990	3,069,630	1,545,220	1,573,770	3,119,010	13.2	10.8	12.0
	65+	228,930	282,690	511,620	280,080	330,240	610,290	324,050	374,290	698,340	378,790	433,010	811,780	440,280	503,800	944,080	92.3	78.2	84.5
	Total	2,048,340	2,136,260	4,184,580	2,197,480	2,273,630	4,471,090	2,279,420	2,351,370	4,630,770	2,374,720	2,443,240	4,817,930	2,462,570	2,529,350	4,991,930	20.2	18.4	19.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	3,750	3,490	7,240	3,920	3,720	7,640	3,950	3,740	7,690	4,080	3,870	7,950	4,240	4,020	8,260	13.1	15.2	14.1
New Zealand	30,150	28,910	59,060	31,830	30,190	62,020	31,380	29,760	61,140	31,380	29,750	61,130	31,500	29,870	61,360	4.5	3.3	3.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	14,050	13,210	27,250	16,010	15,110	31,130	15,890	15,080	30,970	16,260	15,420	31,680	16,840	15,980	32,820	19.9	21.0	20.4
New Zealand	116,060	110,880	226,940	130,230	122,710	252,940	126,860	120,240	247,090	125,820	119,240	245,060	126,140	119,520	245,660	8.7	7.8	8.2

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	18,060	17,420	35,480	19,230	18,020	37,250	20,680	19,530	40,210	20,740	19,650	40,380	21,230	20,120	41,350	17.6	15.5	16.5
New Zealand	149,230	142,650	291,880	151,640	144,070	295,710	163,170	153,990	317,160	159,530	151,110	310,640	158,510	150,120	308,630	6.2	5.2	5.7

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	19,310	18,240	37,540	19,130	18,450	37,580	19,800	18,610	38,420	21,780	20,600	42,370	21,830	20,720	42,540	13.1	13.6	13.3
New Zealand	159,520	150,920	310,430	149,830	142,960	292,790	149,610	142,400	292,010	164,550	155,140	319,690	160,920	152,270	313,190	0.9	0.9	0.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	19,410	18,630	38,040	20,790	19,770	40,560	20,650	19,940	40,590	21,300	20,050	41,350	23,270	22,030	45,310	19.9	18.3	19.1
New Zealand	159,400	154,160	313,560	160,800	153,760	314,560	154,110	148,300	302,410	152,660	146,680	299,340	167,590	159,430	327,020	5.1	3.4	4.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	17,560	16,870	34,430	20,220	19,240	39,470	21,070	19,810	40,880	20,920	20,020	40,930	21,570	20,130	41,700	22.8	19.3	21.1
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	15,230	15,870	31,100	18,760	18,680	37,440	20,330	20,000	40,330	21,700	21,100	42,810	21,560	21,310	42,870	41.6	34.3	37.8
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	16,920	18,840	35,760	17,620	18,330	35,950	20,020	20,340	40,360	22,030	22,050	44,070	23,400	23,150	46,560	38.3	22.9	30.2
New Zealand	136,320	149,700	286,010	137,460	145,930	283,390	152,120	156,340	308,450	169,600	165,430	335,030	172,310	167,630	339,940	26.4	12.0	18.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	19,740	21,680	41,420	17,810	19,710	37,520	18,370	19,320	37,690	21,310	21,610	42,920	23,320	23,310	46,630	18.1	7.5	12.6
New Zealand	149,140	163,430	312,560	136,360	149,500	285,860	136,720	146,490	283,210	154,840	159,360	314,200	172,320	168,470	340,790	15.5	3.1	9.0

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	20,330	21,730	42,050	20,600	22,640	43,240	18,980	20,930	39,920	19,100	20,080	39,170	22,030	22,370	44,400	8.4	2.9	5.6
New Zealand	155,940	166,540	322,490	151,430	166,140	317,570	141,000	155,280	296,280	137,690	147,630	285,320	155,770	160,510	316,290	-	0.1	1.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	18,360	19,580	37,940	20,330	21,840	42,170	20,570	22,510	43,080	19,100	21,000	40,100	19,220	20,160	39,380	4.7	3.0	3.8
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	7.1

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	15,200	15,940	31,140	18,650	19,830	38,480	19,990	21,340	41,320	20,140	22,070	42,210	18,700	20,580	39,280	23.0	29.1	26.1
New Zealand	129,930	133,720	263,650	149,430	157,770	307,200	151,890	162,460	314,350	146,550	160,920	307,480	137,060	151,570	288,630	5.5	13.3	9.5

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	13,970	14,520	28,500	15,010	15,950	30,960	17,280	18,580	35,860	19,310	20,760	40,070	19,490	21,500	40,990	39.5	48.1	43.8
New Zealand	120,080	122,930	243,010	129,440	134,870	264,310	142,290	150,520	292,810	148,060	159,630	307,690	143,050	158,280	301,330	19.1	28.8	24.0

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	10,540	11,150	21,700	13,360	14,190	27,550	13,990	15,090	29,080	16,640	18,220	34,860	18,650	20,380	39,030	76.9	82.8	79.9
New Zealand	91,900	94,760	186,660	116,320	120,920	237,240	122,680	129,040	251,720	138,320	147,910	286,230	144,210	157,030	301,240	56.9	65.7	61.4

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	8,200	8,930	17,130	10,630	11,650	22,280	12,660	13,870	26,540	13,320	14,760	28,080	15,910	17,840	33,750	94.0	99.8	97.0
New Zealand	75,620	79,910	155,530	93,080	97,750	190,820	111,140	117,390	228,530	117,740	125,610	243,350	133,120	144,170	277,290	76.0	80.4	78.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	6,120	6,710	12,840	8,050	8,980	17,020	9,270	10,430	19,700	11,880	13,300	25,170	12,560	14,200	26,760	105.2	111.6	108.4
New Zealand	57,380	62,790	120,170	73,260	79,300	152,560	81,400	87,480	168,880	103,430	111,450	214,870	110,220	119,710	229,930	92.1	90.7	91.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	4,990	6,000	11,000	5,530	6,490	12,010	6,760	7,870	14,630	8,320	9,680	18,000	10,730	12,400	23,130	115.0	106.7	110.3
New Zealand	47,570	56,030	103,600	50,280	57,860	108,140	60,630	68,560	129,190	71,550	79,900	151,460	91,620	102,350	193,970	92.6	82.7	87.2

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	3,270	4,670	7,940	4,020	5,090	9,110	4,390	5,300	9,690	5,620	6,870	12,490	6,990	8,530	15,520	113.8	82.7	95.5
New Zealand	30,180	44,000	74,180	36,850	46,670	83,520	38,390	47,390	85,780	48,240	58,280	106,510	57,700	68,660	126,360	91.2	56.0	70.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,410	2,760	4,170	2,340	3,710	6,050	2,840	4,110	6,950	3,240	4,430	7,670	4,290	5,780	10,080	204.3	109.4	141.7
New Zealand	13,160	25,920	39,080	19,190	30,990	50,170	22,720	32,900	55,620	24,810	34,280	59,090	32,180	43,160	75,340	144.5	66.5	92.8

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	560	1,470	2,030	900	2,110	3,020	1,220	2,570	3,790	1,700	3,040	4,740	2,060	3,450	5,510	267.9	134.7	171.4
New Zealand	5,020	14,040	19,060	7,420	17,670	25,080	9,770	20,570	30,340	13,020	23,490	36,500	15,440	25,750	41,190	207.6	83.4	116.1

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	247,000	257,700	504,700	272,900	283,500	556,400	288,700	299,000	587,700	308,500	318,600	627,000	327,900	338,000	665,900	32.8	31.2	31.9
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: Projected Māori Population by Age and Sex at 30 June 2007 (2006-Base)

Location	Age Group	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	0-14	8,620	8,300	16,910	9,880	9,470	19,350	10,700	10,160	20,870	11,650	11,080	22,740	11,850	11,250	23,110	37.5	35.5	36.7
	15-64	14,790	15,680	30,450	16,440	17,260	33,690	17,570	18,350	35,880	18,900	19,490	38,360	20,830	21,130	41,980	40.8	34.8	37.9
	65+	650	830	1,470	840	1,040	1,890	1,050	1,380	2,420	1,420	1,810	3,250	1,990	2,570	4,560	206.2	209.6	210.2
	Total	24,060	24,810	48,830	27,160	27,770	54,930	29,320	29,890	59,170	31,970	32,380	64,350	34,670	34,950	69,650	44.1	40.9	42.6
New Zealand	0-14	110,480	104,810	215,310	119,900	114,160	234,070	126,030	119,990	246,030	133,180	126,750	259,920	132,290	125,860	258,150	19.7	20.1	19.9
	15-64	183,640	199,700	383,320	200,480	215,580	416,040	210,230	224,440	434,680	220,480	233,230	453,710	236,750	246,600	483,350	28.9	23.5	26.1
	65+	11,680	14,010	25,710	15,340	18,520	33,860	18,920	22,970	41,880	24,150	29,520	53,660	30,830	38,330	69,150	164.0	173.6	169.0
	Total	305,800	318,520	624,340	335,720	348,260	683,970	355,180	367,400	722,590	377,810	389,500	767,290	399,870	410,790	810,650	30.8	29.0	29.8

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	670	660	1,330	800	760	1,560	800	760	1,570	820	780	1,600	870	820	1,690	29.9	24.2	27.1
New Zealand	8,070	7,840	15,920	9,220	8,750	17,980	9,080	8,620	17,700	9,050	8,590	17,640	9,310	8,830	18,140	15.4	12.6	13.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	2,350	2,200	4,550	3,180	3,020	6,190	3,160	3,000	6,160	3,170	3,010	6,180	3,300	3,130	6,430	40.4	42.3	41.3
New Zealand	29,390	27,740	57,130	37,050	35,200	72,250	36,240	34,420	70,660	35,660	33,860	69,510	36,160	34,320	70,480	23.0	23.7	23.4

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	2,800	2,790	5,580	3,110	2,960	6,070	3,880	3,690	7,570	3,860	3,670	7,540	3,890	3,700	7,600	38.9	32.6	36.2
New Zealand	36,500	34,900	71,410	38,540	36,750	75,290	45,430	43,250	88,690	44,370	42,230	86,600	43,760	41,640	85,410	19.9	19.3	19.6

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	2,800	2,650	5,450	2,790	2,730	5,530	2,860	2,710	5,570	3,800	3,620	7,420	3,790	3,600	7,390	35.4	35.8	35.6
New Zealand	36,520	34,330	70,850	35,090	33,460	68,550	35,280	33,700	68,980	44,100	42,070	86,170	43,060	41,070	84,120	17.9	19.6	18.7

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	2,680	2,600	5,280	2,690	2,550	5,240	2,700	2,690	5,380	2,830	2,670	5,500	3,750	3,560	7,310	39.9	36.9	38.4
New Zealand	32,900	33,090	65,980	34,100	32,300	66,390	33,530	32,150	65,680	33,610	32,080	65,690	42,170	40,200	82,370	28.2	21.5	24.8

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,890	2,040	3,930	2,640	2,570	5,210	2,690	2,490	5,170	2,640	2,560	5,200	2,770	2,550	5,320	46.6	25.0	35.4
New Zealand	24,200	25,900	50,090	31,190	30,640	61,830	32,070	29,740	61,810	30,950	29,310	60,250	31,030	29,250	60,280	28.2	12.9	20.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,750	1,880	3,630	1,810	1,910	3,720	2,380	2,300	4,680	2,460	2,310	4,770	2,410	2,390	4,800	37.7	27.1	32.2
New Zealand	20,620	22,960	43,580	21,930	23,830	45,750	27,180	27,580	54,760	29,110	27,190	56,310	28,040	26,780	54,820	36.0	16.6	25.8

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,770	1,920	3,680	1,660	1,800	3,460	1,620	1,840	3,460	2,350	2,290	4,640	2,420	2,300	4,720	36.7	19.8	28.3
New Zealand	20,280	23,040	43,320	19,270	21,750	41,020	19,920	22,330	42,250	25,890	26,720	52,610	27,800	26,340	54,150	37.1	14.3	25.0

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,780	1,800	3,580	1,700	1,880	3,580	1,680	1,850	3,530	1,610	1,840	3,440	2,320	2,280	4,610	30.3	26.7	28.8
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 Change 2006-2026			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Waitemata	1,570	1,670	3,240	1,700	1,810	3,510	1,670	1,850	3,520	1,620	1,810	3,420	1,540	1,790	3,340	-	1.9	7.2	3.1
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

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,290	1,480	2,770	1,530	1,540	3,070	1,620	1,670	3,280	1,590	1,780	3,370	1,540	1,730	3,270	19.4	16.9	18.1
New Zealand	16,760	18,590	35,350	18,010	20,280	38,290	18,040	20,990	39,040	17,620	20,820	38,440	16,770	19,950	36,720	0.1	7.3	3.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	910	1,000	1,910	1,250	1,480	2,730	1,380	1,510	2,890	1,520	1,590	3,110	1,490	1,700	3,190	63.7	70.0	67.0
New Zealand	12,930	13,930	26,860	16,240	18,560	34,800	17,130	19,620	36,750	17,090	20,150	37,240	16,720	20,010	36,720	29.3	43.6	36.7

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	690	800	1,480	830	980	1,800	1,100	1,310	2,400	1,280	1,420	2,700	1,420	1,500	2,920	105.8	87.5	97.3
New Zealand	10,070	10,860	20,930	12,390	13,760	26,140	14,630	16,810	31,440	16,040	18,710	34,750	16,070	19,260	35,330	59.6	77.3	68.8

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	460	490	950	630	740	1,370	730	840	1,570	1,000	1,220	2,210	1,170	1,330	2,500	154.3	171.4	163.2
New Zealand	6,770	7,360	14,130	9,450	10,470	19,930	10,850	12,270	23,130	13,450	15,820	29,270	14,830	17,660	32,490	119.1	139.9	129.9

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	280	370	650	400	450	850	510	630	1,140	630	750	1,390	880	1,110	1,990	214.3	200.0	206.2
New Zealand	5,410	5,930	11,350	6,200	7,030	13,240	8,000	9,180	17,180	9,690	11,250	20,930	12,110	14,580	26,690	123.8	145.9	135.2

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	170	210	380	240	310	560	300	350	650	420	540	970	540	660	1,190	217.6	214.3	213.2
New Zealand	3,350	3,780	7,140	4,700	5,300	10,000	4,940	5,790	10,730	6,820	8,070	14,890	8,370	9,980	18,350	149.9	164.0	157.0

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	110	140	250	120	160	280	150	230	380	230	270	500	340	450	790	209.1	221.4	216.0
New Zealand	1,810	2,380	4,200	2,590	3,230	5,820	3,470	4,200	7,670	3,930	4,830	8,760	5,540	6,830	12,360	206.1	187.0	194.3

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	60	60	120	50	80	130	60	100	160	100	160	260	160	200	370	166.7	233.3	208.3
New Zealand	780	1,230	2,010	1,360	1,910	3,270	1,710	2,280	3,990	2,430	3,210	5,640	2,830	3,770	6,600	262.8	206.5	228.4

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	20	30	50	20	30	50	20	50	70	30	60	90	50	100	150	150.0	233.3	200.0
New Zealand	280	530	810	390	780	1,170	630	1,090	1,710	970	1,480	2,450	1,450	2,160	3,610	417.9	307.5	345.7

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	10	20	20	10	10	20	10	20	20	10	30	40	20	50	70	100.0	150.0	250.0
New Zealand	50	160	200	100	270	360	170	430	600	310	680	990	530	1,010	1,540	960.0	531.3	670.0

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

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	24,000	24,800	48,800	27,200	27,800	54,900	29,300	29,900	59,200	32,000	32,400	64,400	34,700	35,000	69,600	44.6	41.1	42.6
New Zealand	305,800	318,500	624,300	335,700	348,300	684,000	355,200	367,400	722,600	377,800	389,500	767,300	399,900	410,800	810,700	30.8	29.0	29.9

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

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

These projections were derived in September 2010.

Source: Statistics New Zealand

Population Projections

Prepared for Ministry of Health

Ref No: ROM27819

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

Location	Age Group	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	0-14	46,550	44,060	90,600	48,410	45,830	94,250	49,620	46,800	96,420	51,210	48,460	99,640	52,290	49,590	101,860	12.3	12.6	12.4
	15-64	152,470	159,130	311,630	166,710	172,920	339,650	173,680	179,510	353,230	182,650	187,470	370,130	190,380	193,790	384,170	24.9	21.8	23.3
	65+	23,900	29,710	53,640	30,630	36,990	67,600	36,090	42,770	78,880	42,660	50,270	92,900	50,550	59,630	110,190	111.5	100.7	105.4
	Total	222,920	232,900	455,870	245,750	255,740	501,500	259,390	269,080	528,530	276,520	286,200	562,670	293,220	303,010	596,220	31.5	30.1	30.8
New Zealand	0-14	344,480	328,550	673,000	343,630	325,770	669,390	344,990	326,400	671,370	348,100	328,490	676,600	344,780	325,920	670,690	0.1	-	0.3
	15-64	1,180,810	1,220,510	2,401,330	1,253,390	1,287,880	2,541,300	1,274,120	1,306,250	2,580,350	1,294,170	1,321,760	2,615,920	1,308,470	1,327,170	2,635,660	10.8	8.7	9.8
	65+	217,250	268,680	485,910	264,740	311,720	576,430	305,130	351,320	656,460	354,640	403,490	758,120	409,450	465,470	874,930	88.5	73.2	80.1
	Total	1,742,540	1,817,740	3,560,240	1,861,760	1,925,370	3,787,120	1,924,240	1,983,970	3,908,180	1,996,910	2,053,740	4,050,640	2,062,700	2,118,560	4,181,280	18.4	16.5	17.4

Table 1.3.2: Projected Non Māori Population Aged 0 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	3,080	2,830	5,910	3,120	2,960	6,080	3,150	2,980	6,120	3,260	3,090	6,350	3,370	3,200	6,570	9.4	13.1	11.2
New Zealand	22,080	21,070	43,140	22,610	21,440	44,040	22,300	21,140	43,440	22,330	21,160	43,490	22,190	21,040	43,220	0.5	-	0.2

Table 1.3.3: Projected Non Māori Population Aged 1-4 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	11,700	11,010	22,700	12,830	12,090	24,940	12,730	12,080	24,810	13,090	12,410	25,500	13,540	12,850	26,390	15.7	16.7	16.3
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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	15,260	14,630	29,900	16,120	15,060	31,180	16,800	15,840	32,640	16,880	15,980	32,840	17,340	16,420	33,750	13.6	12.2	12.9
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 Change 2006-2026			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
Waitemata	16,510	15,590	32,090	16,340	15,720	32,050	16,940	15,900	32,850	17,980	16,980	34,950	18,040	17,120	35,150	9.3	9.8	9.5	
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	-	4.4

Table 1.3.6: Projected Non Māori Population Aged 15-19 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026					
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Waitemata	16,730	16,030	32,760	18,100	17,220	35,320	17,950	17,250	35,210	18,470	17,380	35,850	19,520	18,470	38,000	-	3.4	-	3.1	-	3.
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.

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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	15,670	14,830	30,500	17,580	16,670	34,260	18,380	17,320	35,710	18,280	17,460	35,730	18,800	17,580	36,380	20.0	18.5	19.3
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	13,480	13,990	27,470	16,950	16,770	33,720	17,950	17,700	35,650	19,240	18,790	38,040	19,150	18,920	38,070	42.1	35.2	38.6
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	15,150	16,920	32,080	15,960	16,530	32,490	18,400	18,500	36,900	19,680	19,760	39,430	20,980	20,850	41,840	38.5	23.2	30.4
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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	17,960	19,880	37,840	16,110	17,830	33,940	16,690	17,470	34,160	19,700	19,770	39,480	21,000	21,030	42,020	16.9	5.8	11.0
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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	18,760	20,060	38,810	18,900	20,830	39,730	17,310	19,080	36,400	17,480	18,270	35,750	20,490	20,580	41,060	9.2	2.6	5.8
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	-	1.8

Table 1.3.12: Projected Non Māori Population Aged 45-49 Years by Sex at 30 June 2007–26 (2006-Base)

	2006(Base)			2012			2016			2021			2026			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	17,070	18,100	35,170	18,800	20,300	39,100	18,950	20,840	39,800	17,510	19,220	36,730	17,680	18,430	36,110	3.6	1.8	2.7
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	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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	14,290	14,940	29,230	17,400	18,350	35,750	18,610	19,830	38,430	18,620	20,480	39,100	17,210	18,880	36,090	20.4	26.4	23.5
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	13,280	13,720	27,020	14,180	14,970	29,160	16,180	17,270	33,460	18,030	19,340	37,370	18,070	20,000	38,070	36.1	45.8	40.9
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	10,080	10,660	20,750	12,730	13,450	26,180	13,260	14,250	27,510	15,640	17,000	32,650	17,480	19,050	36,530	73.4	78.7	76.0
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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	7,920	8,560	16,480	10,230	11,200	21,430	12,150	13,240	25,400	12,690	14,010	26,690	15,030	16,730	31,760	89.8	95.4	92.7
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	5,950	6,500	12,460	7,810	8,670	16,460	8,970	10,080	19,050	11,460	12,760	24,200	12,020	13,540	25,570	102.0	108.3	105.2
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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	4,880	5,860	10,750	5,410	6,330	11,730	6,610	7,640	14,250	8,090	9,410	17,500	10,390	11,950	22,340	112.9	103.9	107.8
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	3,210	4,610	7,820	3,970	5,010	8,980	4,330	5,200	9,530	5,520	6,710	12,230	6,830	8,330	15,150	112.8	80.7	93.7
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,390	2,730	4,120	2,320	3,680	6,000	2,820	4,060	6,880	3,210	4,370	7,580	4,240	5,680	9,930	205.0	108.1	141.0
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			% Population Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	1,460	1,450	2,010	890	2,100	3,000	2,560	2,550	3,770	1,690	3,010	4,700	2,040	3,400	5,440	39.7	134.5	170.6
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 Change 2006-2026		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Waitemata	223,830	232,900	455,870	245,750	255,740	501,500	260,740	269,080	528,530	276,520	286,200	562,670	293,220	303,010	596,220	31.0	30.1	30.8
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
Waitemata	Number	16,926	17,718	18,894	18,408	16,011	13,755	16,191	18,717	19,341
	Percentage	7.0	8.0	8.0	8.0	7.0	6.0	7.0	8.0	8.0
New Zealand	Number	140,382	146,532	157,116	152,439	135,084	117,216	130,884	143,001	150,900
	Percentage	7.1	7.5	8.0	7.8	6.9	6.0	6.7	7.3	7.7

		45–49	50–54	55–59	60–64	65–69	70–74	75–79	80–84	85+	Total
Waitemata	Number	17,364	14,394	13,278	9,933	7,752	5,910	4,848	3,117	1,884	234,447
	Percentage	7.0	6.0	6.0	4.0	3.0	3.0	2.0	1.0	1.0	
New Zealand	Number	143,055	124,311	115,224	88,338	72,114	55,878	46,356	29,124	17,667	1,965,618
	Percentage	7.3	6.3	5.9	4.5	3.7	2.8	2.4	1.5	0.9	

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

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

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

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

		0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44
Waitemata	Number	15,969	17,097	17,949	17,682	15,609	14,751	18,276	20,979	21,099
	Percentage	6.0	7.0	7.0	7.0	6.0	6.0	7.0	8.0	9.0
New Zealand	Number	134,694	139,956	148,896	147,762	135,894	125,223	145,677	158,553	162,798
	Percentage	6.5	6.8	7.2	7.2	6.6	6.1	7.1	7.7	7.9

		45–49	50–54	55–59	60–64	65–69	70–74	75–79	80–84	85+	Total
Waitemata	Number	18,693	15,156	13,833	10,638	8,463	6,417	5,871	4,590	4,095	247,167
	Percentage	8.0	6.0	6.0	4.0	3.0	3.0	2.0	2.0	2.0	
New Zealand	Number	150,369	128,421	118,347	91,278	76,434	61,056	54,858	43,113	39,000	2,062,329
	Percentage	7.3	6.2	5.7	4.4	3.7	3.0	2.7	2.1	1.9	

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

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

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

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

		0–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44
Waitemata	Number	32,895	34,815	36,843	36,090	31,620	28,509	34,464	39,699	40,437
	Percentage	7.0	7.0	8.0	7.0	7.0	6.0	7.0	8.0	8.0
New Zealand	Number	275,076	286,488	306,009	300,198	270,978	242,439	276,561	301,554	313,698
	Percentage	6.8	7.1	7.6	7.5	6.7	6.0	6.9	7.5	7.8

		45–49	50–54	55–59	60–64	65–69	70–74	75–79	80–84	85+	Total
Waitemata	Number	36,060	29,553	27,108	20,574	16,215	12,330	10,719	7,707	5,979	481,611
	Percentage	7.0	6.0	6.0	4.0	3.0	3.0	2.0	2.0	1.0	
New Zealand	Number	293,421	252,729	233,571	179,616	148,545	116,934	101,214	72,237	56,670	4,027,947
	Percentage	7.3	6.3	5.8	4.5	3.7	2.9	2.5	1.8	1.4	

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

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

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

Table 1.4.4: Female Population by Ethnicity (2006 Census)

Age Group (years)	Māori				Non Māori				Total people stated**				Total people, not elsewhere included***				Total people	
	Waitemata		New Zealand		Waitemata		New Zealand		Waitemata		New Zealand		Waitemata		New Zealand		Waitemata	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0–4	2,511	16.5	32,355	25.1	12,726	83.5	96,579	74.9	15,237	95.4	128,934	2,513.3	732	4.6	5,760	112.3	15,969	5,130
5–9	2,523	15.4	32,544	24.2	13,866	84.6	101,832	75.8	16,389	95.9	134,376	2,387.6	708	4.1	5,577	99.1	17,097	5,628
10–14	2,442	14.2	32,379	22.6	14,742	85.8	110,901	77.4	17,184	95.7	143,280	2,404.8	768	4.3	5,613	94.2	17,949	5,958
15–19	2,277	13.4	29,502	20.8	14,691	86.6	112,365	79.2	16,968	96.0	141,867	2,212.9	717	4.1	5,895	92.0	17,682	6,411
20–24	1,716	11.5	22,434	17.4	13,155	88.5	106,608	82.6	14,871	95.3	129,042	2,284.3	738	4.7	6,849	121.2	15,609	5,649
25–29	1,638	11.7	20,529	17.2	12,354	88.3	98,604	82.8	13,992	94.9	119,133	2,629.9	759	5.1	6,090	134.4	14,751	4,530
30–34	1,731	9.9	21,384	15.3	15,780	90.1	118,290	84.7	17,511	95.8	139,674	2,708.4	765	4.2	6,000	116.3	18,276	5,157
35–39	1,620	8.1	20,790	13.6	18,471	91.9	131,550	86.4	20,091	95.8	152,340	2,719.9	891	4.2	6,210	110.9	20,979	5,601
40–44	1,491	7.4	19,905	12.7	18,750	92.6	136,773	87.3	20,241	95.9	156,678	2,537.7	858	4.1	6,120	99.1	21,102	6,174
45–49	1,314	7.3	16,926	11.7	16,653	92.7	127,536	88.3	17,967	96.1	144,462	2,564.1	729	3.9	5,907	104.8	18,693	5,634
50–54	873	6.0	12,597	10.2	13,728	94.0	110,826	89.8	14,601	96.3	123,423	2,447.4	558	3.7	4,998	99.1	15,159	5,043
55–59	681	5.1	9,762	8.6	12,612	94.9	104,037	91.4	13,293	96.1	113,799	2,414.6	540	3.9	4,548	96.5	13,833	4,713
60–64	417	4.1	6,717	7.6	9,855	95.9	81,159	92.4	10,272	96.6	87,876	2,267.2	366	3.4	3,405	87.8	10,638	3,876
65–69	324	4.0	5,310	7.2	7,797	96.0	68,244	92.8	8,121	96.0	73,554	2,197.0	342	4.0	2,880	86.0	8,463	3,348
70–74	186	3.0	3,471	5.9	6,015	97.0	55,368	94.1	6,201	96.6	58,839	2,066.7	213	3.3	2,217	77.9	6,417	2,847
75–79	120	2.1	2,190	4.1	5,511	97.9	50,607	95.9	5,631	95.9	52,797	2,154.1	240	4.1	2,058	84.0	5,871	2,451
80–84	48	1.1	1,074	2.6	4,371	98.9	40,437	97.4	4,419	96.3	41,511	2,151.9	171	3.7	1,605	83.2	4,587	1,929
85 and over	39	1.0	609	1.6	3,915	99.0	37,002	98.4	3,954	96.5	37,611	2,143.1	141	3.4	1,389	79.1	4,098	1,755
Total	21,948	9.3	290,469	14.7	214,989	90.7	1,688,736	85.3	236,937	95.9	1,979,205	2,418.4	10,233	4.1	83,124	101.6	247,167	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

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

Table 1.4.5: Male Population by Ethnicity (2006 Census)

Age Group (years)	Māori				Non Māori				Total people stated**				Total people, not elsewhere included***				Total people	
	Waitemata		New Zealand		Waitemata		New Zealand		Waitemata		New Zealand		Waitemata		New Zealand		Waitemata	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0–4	2,676	16.5	34,071	25.3	13,566	83.5	100,671	74.7	16,242	96.0	134,742	2,626.5	687	4.1	5,640	109.9	16,926	5,130
5–9	2,589	15.2	34,230	24.2	14,430	84.8	106,974	75.8	17,019	96.1	141,204	2,509.0	696	3.9	5,331	94.7	17,718	5,628
10–14	2,571	14.1	34,347	22.7	15,621	85.9	117,129	77.3	18,192	96.3	151,476	2,542.4	702	3.7	5,637	94.6	18,897	5,958
15–19	2,316	13.1	29,031	19.9	15,390	86.9	117,156	80.1	17,706	96.2	146,187	2,280.3	702	3.8	6,252	97.5	18,408	6,411
20–24	1,566	10.2	20,337	16.0	13,719	89.8	107,127	84.0	15,285	95.5	127,464	2,256.4	726	4.5	7,623	134.9	16,011	5,649
25–29	1,434	11.0	17,577	15.9	11,544	89.0	92,970	84.1	12,978	94.3	110,547	2,440.3	777	5.6	6,669	147.2	13,758	4,530
30–34	1,530	10.0	18,075	14.5	13,803	90.0	106,272	85.5	15,333	94.7	124,347	2,411.2	858	5.3	6,540	126.8	16,191	5,157
35–39	1,527	8.6	17,808	13.1	16,251	91.4	118,554	86.9	17,778	95.0	136,362	2,434.6	942	5.0	6,639	118.5	18,720	5,601
40–44	1,338	7.2	17,367	12.0	17,118	92.8	126,945	88.0	18,456	95.4	144,312	2,337.4	882	4.6	6,588	106.7	19,341	6,174
45–49	1,110	6.7	14,979	10.9	15,537	93.3	122,079	89.1	16,647	95.9	137,058	2,432.7	717	4.1	5,994	106.4	17,367	5,634
50–54	792	5.7	11,595	9.7	13,005	94.3	107,670	90.3	13,797	95.9	119,265	2,365.0	597	4.1	5,046	100.1	14,394	5,043
55–59	570	4.5	8,868	8.0	12,174	95.5	101,742	92.0	12,744	96.0	110,610	2,346.9	534	4.0	4,614	97.9	13,278	4,713
60–64	375	3.9	6,096	7.2	9,189	96.1	78,822	92.8	9,564	96.3	84,918	2,190.9	369	3.7	3,420	88.2	9,933	3,876
65–69	231	3.1	4,848	7.0	7,251	96.9	64,494	93.0	7,482	96.5	69,342	2,071.1	273	3.5	2,769	82.7	7,752	3,348
70–74	135	2.4	3,039	5.7	5,547	97.6	50,718	94.3	5,682	96.1	53,757	1,888.2	231	3.9	2,121	74.5	5,913	2,847
75–79	93	2.0	1,620	3.6	4,557	98.0	42,957	96.4	4,650	95.9	44,577	1,818.7	198	4.1	1,782	72.7	4,848	2,451
80–84	51	1.7	693	2.5	2,925	98.3	27,219	97.5	2,976	95.4	27,912	1,447.0	141	4.5	1,212	62.8	3,120	1,929
85 and over	21	1.2	279	1.7	1,749	98.8	16,599	98.3	1,770	93.9	16,878	961.7	111	5.9	789	45.0	1,884	1,755
Total	20,931	9.3	274,860	14.6	203,370	90.7	1,606,098	85.4	224,301	95.7	1,880,958	2,298.3	10,146	4.3	84,660	103.4	234,444	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

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

Table 1.4.6: Total Population by Ethnicity (2006 Census)

Age Group (years)	Māori				Non Māori				Total people stated**				Total people, not elsewhere included***				Total people	
	Waitemata		New Zealand		Waitemata		New Zealand		Waitemata		New Zealand		Waitemata		New Zealand		Waitemata	New Zealand
	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Percentage*	Number	Number
0–4	5,187	16.5	66,426	25.2	26,292	83.5	197,250	74.8	31,479	95.7	263,676	95.9	1,419	4.3	11,400	4.1	32,898	275,079
5–9	5,112	15.3	66,774	24.2	28,296	84.7	208,806	75.8	33,408	96.0	275,580	96.2	1,404	4.0	10,908	3.8	34,815	286,488
10–14	5,013	14.2	66,726	22.6	30,363	85.8	228,030	77.4	35,376	96.0	294,756	96.3	1,467	4.0	11,253	3.7	36,843	306,009
15–19	4,593	13.2	58,533	20.3	30,078	86.8	229,521	79.7	34,671	96.1	288,054	96.0	1,416	3.9	12,144	4.0	36,090	300,198
20–24	3,282	10.9	42,771	16.7	26,874	89.1	213,735	83.3	30,156	95.4	256,506	94.7	1,464	4.6	14,472	5.3	31,620	270,978
25–29	3,069	11.4	38,106	16.6	23,901	88.6	191,577	83.4	26,970	94.6	229,683	94.7	1,536	5.4	12,759	5.3	28,509	242,442
30–34	3,258	9.9	39,459	14.9	29,583	90.1	224,562	85.1	32,841	95.3	264,021	95.5	1,623	4.7	12,540	4.5	34,467	276,561
35–39	3,144	8.3	38,598	13.4	34,722	91.7	250,104	86.6	37,866	95.4	288,702	95.7	1,830	4.6	12,852	4.3	39,699	301,554
40–44	2,829	7.3	37,272	12.4	35,871	92.7	263,718	87.6	38,700	95.7	300,990	95.9	1,740	4.3	12,708	4.1	40,440	313,698
45–49	2,427	7.0	31,908	11.3	32,184	93.0	249,612	88.7	34,611	96.0	281,520	95.9	1,446	4.0	11,901	4.1	36,057	293,421
50–54	1,662	5.9	24,192	10.0	26,736	94.1	218,496	90.0	28,398	96.1	242,688	96.0	1,155	3.9	10,044	4.0	29,553	252,732
55–59	1,254	4.8	18,630	8.3	24,783	95.2	205,779	91.7	26,037	96.0	224,409	96.1	1,074	4.0	9,162	3.9	27,111	233,574
60–64	795	4.0	12,816	7.4	19,041	96.0	159,975	92.6	19,836	96.4	172,791	96.2	735	3.6	6,825	3.8	20,571	179,616
65–69	558	3.6	10,158	7.1	15,042	96.4	132,741	92.9	15,600	96.2	142,899	96.2	612	3.8	5,646	3.8	16,212	148,548
70–74	321	2.7	6,510	5.8	11,565	97.3	106,086	94.2	11,886	96.4	112,596	96.3	447	3.6	4,338	3.7	12,330	116,934
75–79	213	2.1	3,807	3.9	10,068	97.9	93,567	96.1	10,281	95.9	97,374	96.2	438	4.1	3,840	3.8	10,716	101,214
80–84	99	1.3	1,764	2.5	7,296	98.7	67,659	97.5	7,395	96.0	69,423	96.1	309	4.0	2,814	3.9	7,704	72,240
85 and over	60	1.0	888	1.6	5,667	99.0	53,604	98.4	5,727	95.8	54,492	96.2	252	4.2	2,178	3.8	5,979	56,670
Total	42,876	9.3	565,326	14.6	418,362	90.7	3,294,837	85.4	461,238	95.8	3,860,163	95.8	20,376	4.2	167,784	4.2	481,611	4,027,947

All figures are for the census usually resident population.

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

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

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

Table 1.4.7: Population Distribution by Birthplace (2006 Census)

		Birthplace										
Location	Unit	New Zealand	Australia(1)	Pacific Islands(2)	United Kingdom and Ireland	Europe (excluding UK and Ireland)	North America	Asia	Other	Total Overseas	Not elsewhere included(3)	Total
Waitemata	Number	299,073	8,004	18,939	45,363	12,150	3,708	52,200	20,190	160,551	21,990	481,611
	Percentage	62.0	2.0	4.0	9.0	3.0	1.0	11.0	4.0	33.0	5.0	
New Zealand	Number	2,960,217	62,742	135,852	251,688	68,067	26,940	251,130	83,121	879,546	188,187	4,027,947
	Percentage	73.5	1.6	3.4	6.2	1.7	0.7	6.2	2.1	21.8	4.7	

All figures are for the census usually resident population.

(1) Includes Australian Territories.

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

includes Inadequately Described and Not Stated.

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

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

Table 1.5.1: Legal Marital Status (2006 Census)

		Legal Marital Status						
Location	Unit	Never married and never joined in a civil union	Married (not separated)	Separated(2)	Divorced	Widowed or bereaved civil union partner	Not elsewhere included(3)	Total
Waitemata	Number	112,587	179,982	11,991	26,940	17,586	27,978	377,058
	Percentage	29.9	47.7	3.2	7.1	4.7	7.4	
New Zealand	Number	991,323	1,414,533	108,225	222,138	174,813	249,336	3,160,371
	Percentage	31.4	44.8	3.4	7.0	5.5	7.9	

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

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

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

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

Table 1.5.2: Social Marital Status (2006 Census)

		Social Marital Status											
Location	Unit	Partnered				Non-partnered						Not stated	Total
		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		
Waitemata	Number	5,442	175,809	41,763	223,014	9,846	81,009	8,892	16,914	14,979	131,640	22,407	377,058
	Percentage	2.4	78.8	18.7	62.9	7.5	61.5	6.8	12.9	11.4	37.1		
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
	Percentage	2.7	76.3	21.0	61*	7.6	60.6	6.9	12.0	12.9	39*		

* % of total - 'not stated'

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

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

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

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

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

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

Table 1.5.3: Family Type (2006 Census)

		Family Type			
Location	Unit	Couple without children	Couple with child(ren)	One parent with child(ren)	Total
Waitemata	Number	48,084	60,744	22,605	131,436
	Percentage	36.6	46.2	17.2	
New Zealand	Number	425,973	447,894	193,635	1,067,502
	Percentage	39.9	42.0	18.1	

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

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

Table 1.5.4: Household Composition (2006 Census)

		Household composition						
Location	Unit	One-family household (with or without other people)	Two-family household (with or without other people)	Three-or-more family household (with or without other people)	Other multiperson household	One-person household	Household composition unidentifiable	Total
Waitemata	Number	119,526	5,424	342	6,669	31,179	3,717	166,857
	Percentage	71.6	3.3	0.2	4.0	18.7	2.2	
New Zealand	Number	985,542	37,083	2,526	72,657	328,299	28,065	1,454,175
	Percentage	67.8	2.6	0.2	5.0	22.6	1.9	

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

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

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

Table 1.5.5: Number of Languages Spoken (2006 Census)

		Number of Languages Spoken								
Location	Unit	None	One	Two	Three	Four	Five	Six	Not elsewhere included(2)	Total
Waitemata	Number	9,648	350,550	81,597	12,930	2,895	768	207	23,013	481,614
	Percentage	2.0	72.8	16.9	2.7	0.6	0.2	0.0	4.8	
New Zealand	Number	75,198	3,083,904	562,446	83,400	19,281	5,055	1,476	197,190	4,027,947
	Percentage	1.9	76.6	14.0	2.1	0.5	0.1	0.0	4.9	

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

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

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

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

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

Location	Unit	Age Group (Years) of Mother									
		15–19		20–24		25–29		30–34		35–39	
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Waitemata	No children	15,489	27.4	11,940	21.1	8,238	14.6	5,979	10.6	3,819	6.8
	One child	339	1.4	1,569	6.5	2,631	11.0	4,242	17.7	3,801	15.8
	Two children	54	0.1	495	1.0	1,650	3.3	4,305	8.6	7,323	14.6
	Three children	3	0.0	93	0.3	525	1.9	1,509	5.3	2,844	10.1
	Four children	3	0.0	21	0.2	162	1.4	468	4.0	888	7.6
	Five children	3	0.1	9	0.2	51	1.2	147	3.5	258	6.1
	Six or more children	3	0.1	3	0.1	21	0.7	96	3.1	213	6.9
	Object to answering	240	5.2	225	4.8	270	5.8	384	8.3	483	10.4
	Not elsewhere included(2)	1,548	11.4	1,257	9.3	1,203	8.9	1,152	8.5	1,347	9.9
	Total	17,682	9.0	15,609	8.0	14,751	7.5	18,273	9.3	20,982	10.7
New Zealand	No children	127,560	27.7	97,428	21.1	65,100	14.1	46,014	10.0	28,836	6.3
	One child	4,182	2.4	15,777	8.9	21,531	12.2	29,202	16.5	25,065	14.1
	Two children	609	0.2	6,396	1.7	16,230	4.3	34,215	9.1	50,463	13.5
	Three children	69	0.0	1,581	0.6	6,543	2.6	14,490	5.7	24,834	9.8
	Four children	24	0.0	360	0.3	2,202	1.8	5,445	4.5	9,258	7.6
	Five children	9	0.0	72	0.1	717	1.5	1,989	4.0	3,504	7.1
	Six or more children	36	0.1	72	0.2	348	0.8	1,266	3.0	2,613	6.1
	Object to answering	2,190	4.8	2,376	5.2	2,538	5.6	3,570	7.8	4,446	9.7
	Not elsewhere included(2)	13,083	11.4	11,832	10.3	10,017	8.8	9,486	8.3	9,534	8.3
	Total	147,762	9.0	135,891	8.3	125,226	7.6	145,674	8.9	158,550	9.7

Location	Unit	Age Group (Years) of Mother									
		40–44		45–49		50–54		55–59		60–64	
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Waitemata	No children	2,790	4.9	2,199	3.9	1,617	2.9	1,281	2.3	798	1.4
	One child	3,171	13.2	2,307	9.6	1,668	6.9	1,260	5.2	813	3.4
	Two children	7,692	15.3	6,711	13.4	5,592	11.2	5,151	10.3	3,675	7.3
	Three children	3,684	13.0	3,714	13.1	3,213	11.4	3,201	11.3	2,643	9.3
	Four children	1,212	10.4	1,392	11.9	1,155	9.9	1,137	9.7	1,098	9.4
	Five children	411	9.7	453	10.7	354	8.4	354	8.4	378	8.9
	Six or more children	279	9.0	273	8.8	231	7.5	219	7.1	270	8.7
	Object to answering	564	12.1	510	11.0	441	9.5	414	8.9	339	7.3
	Not elsewhere included(2)	1,299	9.6	1,140	8.4	882	6.5	819	6.0	627	4.6
	Total	21,099	10.8	18,693	9.5	15,156	7.7	13,833	7.1	10,638	5.4
New Zealand	No children	22,218	4.8	18,129	3.9	13,647	3.0	10,785	2.3	7,362	1.6
	One child	20,712	11.7	16,119	9.1	11,901	6.7	9,288	5.2	5,697	3.2
	Two children	53,691	14.4	48,369	12.9	41,979	11.2	38,571	10.3	26,340	7.0
	Three children	31,185	12.3	32,211	12.7	29,451	11.6	28,899	11.4	23,145	9.1
	Four children	12,384	10.2	13,512	11.1	12,261	10.1	12,141	10.0	11,604	9.6
	Five children	4,569	9.3	4,647	9.4	4,116	8.4	4,221	8.6	4,431	9.0
	Six or more children	3,381	7.9	3,360	7.9	2,871	6.7	2,910	6.8	3,738	8.8
	Object to answering	5,157	11.3	5,001	10.9	4,458	9.8	4,476	9.8	3,351	7.3
	Not elsewhere included(2)	9,495	8.3	9,021	7.9	7,734	6.8	7,056	6.2	5,613	4.9
	Total	162,798	9.9	150,369	9.2	128,421	7.8	118,347	7.2	91,278	5.6

		Age Group (Years) of Mother										
Location	Unit	65–69		70–74		75–79		80–84		85 and over		Total
		Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number
Waitemata	No children	594	1.1	432	0.8	474	0.8	402	0.7	447	0.8	56,490
	One child	513	2.1	405	1.7	432	1.8	411	1.7	465	1.9	24,027
	Two children	2,496	5.0	1,533	3.1	1,302	2.6	1,134	2.3	1,017	2.0	50,130
	Three children	2,181	7.7	1,575	5.6	1,329	4.7	987	3.5	774	2.7	28,269
	Four children	1,140	9.8	1,017	8.7	930	8.0	597	5.1	450	3.9	11,679
	Five children	426	10.1	468	11.1	441	10.4	285	6.7	192	4.5	4,224
	Six or more children	324	10.5	372	12.0	378	12.2	249	8.0	168	5.4	3,099
	Object to answering	237	5.1	171	3.7	150	3.2	129	2.8	90	1.9	4,647
	Not elsewhere included(2)	546	4.0	444	3.3	435	3.2	393	2.9	495	3.6	13,584
	Total	8,460	4.3	6,417	3.3	5,871	3.0	4,587	2.3	4,095	2.1	196,152
New Zealand	No children	5,661	1.2	4,662	1.0	4,872	1.1	4,347	0.9	4,590	1.0	461,217
	One child	4,038	2.3	3,216	1.8	3,297	1.9	3,252	1.8	3,861	2.2	177,138
	Two children	17,883	4.8	11,928	3.2	10,374	2.8	8,787	2.3	8,169	2.2	373,998
	Three children	19,230	7.6	13,953	5.5	11,799	4.7	8,847	3.5	7,053	2.8	253,290
	Four children	12,048	9.9	10,335	8.5	8,883	7.3	6,072	5.0	4,707	3.9	121,236
	Five children	5,169	10.5	5,403	11.0	4,671	9.5	3,294	6.7	2,385	4.8	49,188
	Six or more children	4,914	11.5	5,580	13.1	5,364	12.6	3,615	8.5	2,529	5.9	42,594
	Object to answering	2,541	5.6	1,869	4.1	1,542	3.4	1,161	2.5	1,044	2.3	45,717
	Not elsewhere included(2)	4,947	4.3	4,116	3.6	4,056	3.5	3,744	3.3	4,668	4.1	114,399
	Total	76,434	4.7	61,056	3.7	54,858	3.3	43,113	2.6	39,000	2.4	1,638,783

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

(2) Includes Response Unidentifiable and Not Stated.

C= Confidential

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

		Unpaid Activity: Male									
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking after a child who is a member of own household	Looking after a member of own household who is ill or has a disability	Looking after a child who does not live in own household	Helping someone who is ill or has a disability who does not live in own household	Other helping or voluntary work for or through any organisation, group or marae	Total people stated	Total people, not elsewhere included(3)	Total people
Waitemata	Number	23,151	135,429	46,899	9,486	17,301	9,414	18,933	163,329	17,574	180,906
	Percentage	12.8	74.9	25.9	5.2	9.6	5.2	10.5			
New Zealand	Number	196,767	1,122,597	372,858	86,427	155,106	88,233	188,835	1,362,123	159,465	1,521,591
	Percentage	12.9	73.8	24.5	5.7	10.2	5.8	12.4			

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

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

(3) Includes Response Unidentifiable and Not Stated.

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

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

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

		Unpaid Activity: Female									
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking after a child who is a member of own household	Looking after a member of own household who is ill or has a disability	Looking after a child who does not live in own household	Helping someone who is ill or has a disability who does not live in own household	Other helping or voluntary work for or through any organisation, group or marae	Total people stated	Total people, not elsewhere included(3)	Total people
Waitemata	Number	14,988	159,432	65,721	14,676	33,171	18,036	25,737	178,191	17,964	196,155
	Percentage	7.6	81.3	33.5	7.5	16.9	9.2	13.1			
New Zealand	Number	124,485	1,324,236	525,054	134,799	305,037	170,472	248,406	1,480,929	157,854	1,638,783
	Percentage	7.6	80.8	32.0	8.2	18.6	10.4	15.2			

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

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

(3) Includes Response Unidentifiable and Not Stated.

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

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

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

		Unpaid Activity: Total									
Location	Unit	No activities	Household work, cooking, repairs, gardening, etc, for own household	Looking after a child who is a member of own household	Looking after a member of own household who is ill or has a disability	Looking after a child who does not live in own household	Helping someone who is ill or has a disability who does not live in own household	Other helping or voluntary work for or through any organisation, group or marae	Total people stated	Total people, not elsewhere included(3)	Total people
Waitemata	Number	38,139	294,858	112,620	24,159	50,475	27,450	44,670	341,520	35,541	377,058
	Percentage	10.1	78.2	29.9	6.4	13.4	7.3	11.9			
New Zealand	Number	321,252	2,446,833	897,915	221,226	460,143	258,705	437,241	2,843,052	317,319	3,160,374
	Percentage	10.2	77.4	28.4	7.0	14.6	8.2	13.8			

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

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

(3) Includes Response Unidentifiable and Not Stated.

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

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

Table 1.6.1: Highest Qualification Gained (2006 Census)

Location	Unit	Highest qualification						
		No qualification	Level 1 certificate gained at school	Level 2 certificate gained at school	Level 3 or 4 certificate gained at school	Overseas secondary school qualification	Level 1, 2 or 3 certificate gained post- school	Level 4 certificate gained post-school
Waitemata	Number	65,922	43,725	32,301	21,876	33,129	15,513	34,218
	Percentage	17.5	11.6	8.6	5.8	8.8	4.1	9.1
New Zealand	Number	708,432	386,073	263,850	170,055	172,590	128,619	286,599
	Percentage	22.4	12.2	8.3	5.4	5.5	4.1	9.1

Location	Unit	Highest qualification							
		Level 5 diploma	Level 6 diploma	Bachelor degree and level 7 qualifications	Post-graduate and honours degree	Masters degree	Doctorate degree	Not elsewhere included(3)	Total
Waitemata	Number	14,772	19,668	44,268	6,579	8,658	1,785	34,641	377,058
	Percentage	3.9	5.2	11.7	1.7	2.3	0.5	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.

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

(3) Includes Highest Qualification Unidentifiable and Not Stated.

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

Table 1.6.2: Total Personal Income (2006 Census)

Location	Unit	Total personal income							
		Loss	Zero income	\$1–\$5,000	\$5,001– \$10,000	\$10,001– \$15,000	\$15,001– \$20,000	\$20,001– \$25,000	\$25,001– \$30,000
Waitemata	Number	2,235	21,960	26,454	24,051	34,683	26,577	23,148	23,148
	Percentage	0.6	5.8	7.0	6.4	9.2	7.1	6.1	6.1
New Zealand	Number	17,355	145,053	221,166	226,797	355,899	260,082	219,657	215,301
	Percentage	0.5	4.6	7.0	7.2	11.3	8.2	7.0	6.8

Location	Unit	Total personal income							
		\$30,001– \$35,000	\$35,001– \$40,000	\$40,001– \$50,000	\$50,001– \$70,000	\$70,001– \$100,000	\$100,001 or more	Not stated	Total
Waitemata	Number	23,268	25,131	35,442	40,590	18,996	15,009	36,366	377,058
	Percentage	6.2	6.7	9.4	10.8	5.0	4.0	9.6	
New Zealand	Number	201,300	202,770	262,299	281,157	125,118	105,525	320,892	3,160,371
	Percentage	6.4	6.4	8.3	8.9	4.0	3.3	10.2	

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

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

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

Table 1.6.3: Sources of Personal Income (2006 Census)

Sources of Personal Income								
Location	Unit	No source of income during that time	Wages, salary, commissions, bonuses etc	Self-employment or business	Interest, dividends, rent, other investments	Payments from a work accident insurer	NZ Superannuation or veterans pension	Other Superannuation, pensions, annuities
Waitemata	Number	26,349	212,310	62,202	84,276	4,260	44,733	9,657
	Percentage	7.0	56.3	16.5	22.4	1.1	11.9	2.6
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
Waitemata	Number	6,813	7,119	9,108	5,847	7,365	11,679	7,626	22,938	377,058
	Percentage	1.8	1.9	2.4	1.6	2.0	3.1	2.0	6.1	
New Zealand	Number	92,169	70,554	93,090	75,357	64,284	96,357	66,411	198,135	3,160,371
	Percentage	2.9	2.2	2.9	2.4	2.0	3.0	2.1	6.3	

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

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

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

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

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

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

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

Work and Labour Force Status (2006 Census)									
Location	Unit	Employed full time	Employed part time	Total employed	Unemployed	Total labour force	Not in the labour force	Work and labour force status unidentifiable	Total
Waitemata	Number	187,740	53,562	241,299	11,829	253,128	110,574	13,356	377,061
	Percentage	77.8	22.2	95.3	4.7	67.1	29.3	3.5	
New Zealand	Number	1,531,020	454,758	1,985,775	106,497	2,092,275	961,788	106,311	3,160,371
	Percentage	77.1	22.9	94.9	5.1	66.2	30.4	3.4	

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

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

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

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

Location	Unit	Occupation (ANZSCO)								
		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)
Waitemata	Number	42,405	49,707	31,731	18,570	33,861	25,296	11,610	17,331	10,791
	Percentage	17.6	20.6	13.2	7.7	14.0	10.5	4.8	7.2	4.5
New Zealand	Number	340,530	374,328	241,857	156,468	240,813	186,057	114,324	218,991	112,404
	Percentage	17.1	18.9	12.2	7.9	12.1	9.4	5.8	11.0	5.7

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

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

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

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

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

Table 1.6.6: Access to Telecommunications (2006 Census)

Location	Unit	Type of Telecommunication							
		Access to a cellphone / mobile phone	Access to a telephone	Access to a fax machine	Access to the Internet	No access to telecommunication systems	Total households stated	Total households, not elsewhere included(3)	Total households
Waitemata	Number	124,314	150,867	50,343	110,142	1,845	159,732	7,128	166,857
	Percentage	74.5	90.4	30.2	66.0	1.1	95.7	4.3	
New Zealand	Number	1,034,529	1,277,325	362,040	843,738	28,407	1,393,707	60,468	1,454,175
	Percentage	71.1	87.8	24.9	58.0	2.0	95.8	4.2	

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

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

(3) Includes Response Unidentifiable and Not Stated.

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

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

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

Location	Unit	Number of Motor Vehicles					
		No motor vehicle	One motor vehicle	Two motor vehicles	Three or more motor vehicles	Not elsewhere included(2)	Total
Waitemata	Number	8,871	54,753	66,411	29,757	7,065	166,857
	Percentage	5.3	32.8	39.8	17.8	4.2	
New Zealand	Number	112,758	527,844	531,627	222,204	59,745	1,454,175
	Percentage	7.8	36.3	36.6	15.3	4.1	

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

(2) Includes Response Unidentifiable and Not Stated.

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

Table 1.6.8: Housing Tenure (2006 Census)

		Housing Tenure			
		Dwelling owned or partly owned by usual resident(s)			
Location	Unit	Mortgage arrangements not further defined	Mortgage payments made by owner/ usual resident(s)	Mortgage payments not made by owner/ usual resident(s)	Total, dwelling owned or partly owned by usual resident(s)
Waitemata	Number	2,832	53,055	32,865	88,746
	Percentage	3.2	59.8	37.0	
New Zealand	Number	26,529	405,267	312,162	743,955
	Percentage	3.6	54.5	42.0	

		Housing Tenure			
		Dwelling not owned by usual resident(s)			
Location	Unit	Rental arrangements not further defined	Rent payments made by usual residents	Rent payments not made by usual residents	Total, dwelling not owned or partly owned by usual resident(s)
Waitemata	Number	606	41,307	5,184	47,097
	Percentage	1.3	87.7	11.0	
New Zealand	Number	6,315	388,275	57,378	451,965
	Percentage	1.4	85.9	12.7	

		Housing Tenure					
		Dwelling held in a family trust by usual resident(s) ⁽²⁾				Not elsewhere included ⁽³⁾	Total
Location	Unit	Mortgage arrangements not further defined	Mortgage payments made by usual residents	Mortgage payments not made by usual residents	Total, dwelling held in a family trust by usual resident(s)		
Waitemata	Number	1,464	10,614	9,015	21,096	9,918	166,857
	Percentage	6.9	50.3	42.7			
New Zealand	Number	13,386	72,828	81,711	167,925	90,333	
	Percentage	8.0	43.4	48.7			

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

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

(3) Includes Response Unidentifiable and Not Stated

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

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

Appendix 2

Mortality Tables (2006-2008)

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

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

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

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

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

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

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Key:

DHB = District Health Board

ASR = Age-Standardised Rate

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	167.0	12.0 - 321.9	62.6	36.1 - 89.1	68.8	42.3 - 95.2
	Male	257.4	54.5 - 460.3	95.3	62.5 - 128.2	105.6	72.3 - 138.9
	Total	210.0	84.0 - 336.1	78.6	57.5 - 99.6	86.7	65.5 - 107.9
New Zealand	Female	214.6	168.7 - 260.5	74.2	63.5 - 84.8	88.9	78.2 - 99.6
	Male	308.9	251.4 - 366.5	122.9	109.1 - 136.7	142.4	128.6 - 156.1
	Total	259.8	223.3 - 296.3	98.1	89.4 - 106.8	115.1	106.4 - 123.8

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	66.8	-31.8 - 165.4	30.2	18.4 - 42.0	31.7	20.0 - 43.5
	Male	108.0	-23.9 - 239.9	51.0	33.8 - 68.1	54.0	36.5 - 71.5
	Total	86.2	5.3 - 167.1	40.0	29.8 - 50.2	42.2	31.9 - 52.5
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
Waitemata	Female	87.0	11.9 - 162.0	30.5	23.5 - 37.5	32.9	25.5 - 40.2
	Male	162.2	52.9 - 271.6	68.1	54.7 - 81.5	72.3	58.6 - 86.0
	Total	122.4	57.5 - 187.2	48.2	40.8 - 55.5	51.4	43.8 - 59.0
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
Waitemata	Female	26.5	-15.3 - 68.4	20.1	14.2 - 25.9	20.6	14.7 - 26.6
	Male	28.2	-16.1 - 72.4	23.6	16.3 - 30.8	24.3	16.9 - 31.6
	Total	27.8	-3.1 - 58.8	21.8	17.2 - 26.4	22.5	17.8 - 27.1
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
Waitemata	Female	88.4	-22.4 - 199.2	51.8	31.7 - 71.9	53.6	33.9 - 73.3
	Male	98.3	-29.0 - 225.7	59.3	38.9 - 79.8	60.9	40.8 - 81.1
	Total	93.1	9.4 - 176.8	54.9	40.6 - 69.2	56.6	42.6 - 70.6
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
Waitemata	Female	60.6	-1.6 - 122.8	17.5	10.5 - 24.5	19.3	12.0 - 26.6
	Male	58.6	-8.4 - 125.6	23.1	14.9 - 31.2	24.5	16.2 - 32.8
	Total	59.7	14.2 - 105.2	20.0	14.6 - 25.3	21.6	16.2 - 27.1
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
Waitemata	Female	31.3	-12.9 - 75.5	24.4	14.8 - 33.9	24.8	15.5 - 34.1
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
Waitemata	Male	36.1	-15.4 - 87.6	12.7	7.6 - 17.8	13.4	8.2 - 18.5
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
Waitemata	Female	0.0	0.0 - 0.0	2.8	-0.8 - 6.5	2.8	-0.6 - 6.2
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
Waitemata	Female	0.0	0.0 - 0.0	13.4	7.6 - 19.2	13.2	7.5 - 18.8
	Male	0.0	0.0 - 0.0	15.4	8.5 - 22.3	15.1	8.5 - 21.8
	Total	7.9	-8.7 - 24.5	14.3	9.8 - 18.7	14.0	9.7 - 18.4
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
Waitemata	Female	0.0	0.0 - 0.0	4.0	0.4 - 7.5	4.0	0.5 - 7.6
	Male	0.0	0.0 - 0.0	8.9	3.7 - 14.2	8.6	3.6 - 13.5
	Total	0.0	0.0 - 0.0	6.3	3.2 - 9.4	6.1	3.1 - 9.1
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
Waitemata	Female	26.9	-34.1 - 87.9	5.0	-3.4 - 13.4	7.6	-3.0 - 18.1
	Male	35.4	-36.4 - 107.1	16.3	0.0 - 32.6	18.5	1.8 - 35.1
	Total	31.0	-15.9 - 77.9	10.6	1.4 - 19.8	12.9	3.1 - 22.8
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
Waitemata	Female	0.0	0.0 - 0.0	4.2	-2.8 - 11.1	4.4	-2.5 - 11.3
	Male	19.1	-30.6 - 68.9	13.8	0.3 - 27.3	14.4	1.3 - 27.5
	Total	11.5	-15.3 - 38.3	8.9	1.4 - 16.4	9.3	1.9 - 16.6
New Zealand	Female	10.0	0.2 - 19.8	5.0	2.1 - 7.9	6.0	3.0 - 9.0
	Male	25.9	9.5 - 42.3	16.5	11.2 - 21.8	18.0	12.9 - 23.2
	Total	17.5	8.2 - 26.8	10.7	7.7 - 13.7	11.9	8.9 - 14.8

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	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
Waitemata	Female	71.0	30.6 - 111.4	0.0	0.0 - 0.0	10.4	4.8 - 16.0
	Male	44.5	11.7 - 77.3	25.4	16.3 - 34.6	27.8	18.8 - 36.7
	Total	57.5	31.6 - 83.4	13.5	8.8 - 18.3	19.3	13.9 - 24.6
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
Waitemata	Female	0.0	0.0 - 0.0	6.3	1.7 - 10.9	6.5	2.1 - 10.9
	Male	0.0	0.0 - 0.0	19.3	11.3 - 27.2	20.5	12.8 - 28.2
	Total	18.5	3.6 - 33.4	12.9	8.3 - 17.6	13.6	9.2 - 18.1
New Zealand	Female	19.8	13.8 - 25.8	6.6	4.8 - 8.3	9.2	7.3 - 11.0
	Male	40.1	31.4 - 48.9	23.6	20.4 - 26.8	26.7	23.6 - 29.8
	Total	29.7	24.5 - 35.0	15.2	13.4 - 17.0	18.0	16.2 - 19.8

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	857.5	792.8 - 922.2	335.9	330.4 - 341.5	352.8	347.1 - 358.5
	Male	1198.9	1114.5 - 1283.4	578.5	569.5 - 587.4	595.4	586.4 - 604.4
	Total	1012.5	960.6 - 1064.5	445.5	440.5 - 450.6	462.1	456.9 - 467.2
New Zealand	Female	893.9	878.3 - 909.5	394.7	392.6 - 396.7	422.3	420.2 - 424.4
	Male	1416.1	1393.1 - 1439.1	728.8	725.4 - 732.2	765.7	762.3 - 769.1
	Total	1123.8	1110.5 - 1137.0	545.4	543.5 - 547.3	577.2	575.2 - 579.1

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	206.5	173.8 - 239.2	214.8	210.4 - 219.2	216.5	212.1 - 220.9
	Male	0.0	0.0 - 0.0	251.3	245.5 - 257.0	248.0	242.3 - 253.7
	Total	160.4	139.1 - 181.8	233.0	229.5 - 236.6	232.4	228.9 - 235.9
New Zealand	Female	339.9	330.4 - 349.4	245.7	244.2 - 247.3	251.4	249.9 - 253.0
	Male	255.5	245.6 - 265.3	257.9	256.0 - 259.8	259.1	257.2 - 261.0
	Total	307.1	300.2 - 314.0	254.5	253.3 - 255.8	258.1	256.9 - 259.4

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	482.5	433.7 - 531.4	127.9	123.5 - 132.4	138.6	133.9 - 143.2
	Male	405.3	355.1 - 455.5	177.3	171.9 - 182.7	184.1	178.7 - 189.6
	Total	445.8	410.9 - 480.7	148.9	145.5 - 152.4	157.9	154.3 - 161.4
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
Waitemata	Female	0.0	0.0 - 0.0	87.9	84.2 - 91.6	88.6	84.9 - 92.3
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
Waitemata	Male	16.3	-35.1 - 67.8	5.7	0.6 - 10.9	6.0	0.9 - 11.2
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
Waitemata	Female	0.0	0.0 - 0.0	6.0	5.1 - 6.9	5.8	4.9 - 6.7
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
Waitemata	Female	0.0	0.0 - 0.0	120.6	116.3 - 124.8	119.0	114.9 - 123.1
	Male	0.0	0.0 - 0.0	115.5	111.3 - 119.7	114.5	110.3 - 118.6
	Total	0.0	0.0 - 0.0	116.4	113.4 - 119.3	115.2	112.3 - 118.1
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
Waitemata	Female	0.0	0.0 - 0.0	26.4	24.5 - 28.3	25.7	23.8 - 27.5
	Male	0.0	0.0 - 0.0	62.8	59.7 - 66.0	61.2	58.1 - 64.3
	Total	0.0	0.0 - 0.0	42.6	40.8 - 44.3	41.4	39.7 - 43.2
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
Waitemata	Female	403.2	358.6 - 447.8	118.9	115.0 - 122.7	125.9	122.0 - 129.8
	Male	316.6	271.5 - 361.8	143.0	138.6 - 147.4	149.1	144.6 - 153.6
	Total	353.9	322.9 - 385.0	127.4	124.5 - 130.2	134.1	131.2 - 137.0
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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Breast cancer (female only)	10.4	Breast cancer (female only)	10.7
	Lung cancer	7.5	Lung cancer	9.3
	Ischaemic heart disease	6.2	Ischaemic heart disease	8.1
	Birth defects	4.4	Colorectal cancer	5.9
	Colorectal cancer	4.4	Diabetes	5.8
Male	Ischaemic heart disease	20.2	Ischaemic heart disease	27.3
	Suicide and self-inflicted injuries	12.5	Suicide and self-inflicted injuries	15.7
	Lung cancer	8.5	Motor vehicle accidents	12.3
	Diabetes	7.3	Lung cancer	10.8
	Motor vehicle accidents	7.3	Diabetes	8.3
Total	Ischaemic heart disease	13.0	Ischaemic heart disease	17.4
	Suicide and self-inflicted injuries	8.0	Suicide and self-inflicted injuries	10.4
	Lung cancer	8.0	Lung cancer	10.0
	Diabetes	5.7	Motor vehicle accidents	8.6
	Breast cancer (female only)	5.4	Diabetes	7.0

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Ischaemic heart disease	41.2	Ischaemic heart disease	51.4
	Lung cancer	22.6	Lung cancer	31.6
	Diabetes	21.9	Diabetes	26.8
	Motor vehicle accidents	15.1	Motor vehicle accidents	17.8
	COPD	14.7	Suicide and self-inflicted injuries	15.4
non-Māori	Ischaemic heart disease	11.6	Ischaemic heart disease	14.3
	Suicide and self-inflicted injuries	7.7	Suicide and self-inflicted injuries	9.3
	Lung cancer	7.3	Lung cancer	8.1
	Breast cancer (female only)	5.3	Motor vehicle accidents	6.7
	Diabetes	4.9	Colorectal cancer	6.7

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Ischaemic heart disease	351.1	Ischaemic heart disease	418.5
	Stroke	171.1	Stroke	206.0
	Lung cancer	138.6	CORD	172.8
	Colorectal cancer	119.0	Lung cancer	153.4
	Breast cancer (female only)	88.6	Colorectal cancer	131.3
Male	Ischaemic heart disease	588.5	Ischaemic heart disease	757.4
	Stroke	190.4	Lung cancer	245.3
	Lung cancer	184.1	CORD	238.4
	CORD	154.2	Stroke	207.5
	Colorectal cancer	114.5	Colorectal cancer	178.9
Total	Ischaemic heart disease	457.7	Ischaemic heart disease	571.4
	Stroke	182.7	Stroke	210.0
	Lung cancer	157.9	CORD	197.9
	CORD	140.1	Lung cancer	194.3
	Colorectal cancer	115.2	Colorectal cancer	152.9

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Ischaemic heart disease	987.6	Ischaemic heart disease	1109.6
	Lung cancer	445.8	Lung cancer	497.3
	CORD	370.3	CORD	465.0
	Diabetes	314.8	Diabetes	389.4
	#N/A	#N/A	Stroke	247.1
non-Māori	Ischaemic heart disease	441.9	Ischaemic heart disease	540.1
	Stroke	184.0	Stroke	207.2
	Lung cancer	148.9	CORD	182.8
	CORD	133.3	Lung cancer	175.1
	Colorectal cancer	116.4	Colorectal cancer	154.4

Appendix 3

Hospitalisation Tables (2007-2009)

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

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

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

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

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

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

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Key:

DHB = District Health Board

ASR = Age-Standardised Rate

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	5166.6	4303.4 - 6029.9	3256.7	2992.5 - 3520.9	3446.8	3195.6 - 3698.0
	Male	5098.5	4222.7 - 5974.3	3626.6	3350.8 - 3902.4	3766.9	3506.7 - 4027.1
	Total	5133.9	4519.6 - 5748.2	3443.2	3252.1 - 3634.4	3608.2	3427.2 - 3789.2
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
Waitemata	Female	679.0	373.1 - 985.0	381.5	321.6 - 441.4	399.7	340.9 - 458.5
	Male	937.8	551.1 - 1324.5	682.9	600.2 - 765.5	696.9	617.0 - 776.8
	Total	798.7	556.3 - 1041.1	526.1	475.5 - 576.8	542.1	492.9 - 591.3
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
Waitemata	Female	375.9	224.5 - 527.3	204.7	180.7 - 228.8	214.0	189.8 - 238.1
	Male	648.7	434.7 - 862.6	548.1	504.3 - 591.8	555.4	512.5 - 598.2
	Total	504.7	376.2 - 633.2	369.3	344.8 - 393.8	377.4	353.2 - 401.5
New Zealand	Female	395.2	354.7 - 435.7	199.3	190.9 - 207.6	216.9	208.4 - 225.3
	Male	601.9	548.3 - 655.5	509.5	494.8 - 524.1	521.1	506.9 - 535.3
	Total	494.0	460.9 - 527.2	349.5	341.1 - 357.8	363.8	355.6 - 372.0

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	202.6	90.1 - 315.1	93.8	76.8 - 110.8	99.0	82.1 - 115.9
	Male	185.7	68.7 - 302.8	141.3	119.4 - 163.3	143.7	122.2 - 165.2
	Total	194.4	113.5 - 275.3	116.3	102.6 - 130.0	120.1	106.6 - 133.7
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
Waitemata	Female	355.2	132.2 - 578.1	301.7	245.9 - 357.5	304.3	251.1 - 357.6
	Male	414.0	155.4 - 672.6	340.2	281.8 - 398.6	343.1	287.4 - 398.9
	Total	381.5	212.8 - 550.1	318.1	277.8 - 358.4	320.9	282.5 - 359.4
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
Waitemata	Female	119.4	33.7 - 205.2	30.5	20.8 - 40.2	34.9	24.8 - 45.1
	Male	91.2	6.9 - 175.5	43.2	32.0 - 54.4	45.3	34.0 - 56.7
	Total	105.9	45.9 - 166.0	36.2	28.9 - 43.6	39.5	32.0 - 47.1
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
Waitemata	Female	160.3	59.8 - 260.8	85.4	67.0 - 103.8	88.7	70.7 - 106.7
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
Waitemata	Male	99.0	9.3 - 188.7	45.4	34.1 - 56.7	46.9	35.6 - 58.2
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
Waitemata	Female	14.2	-15.6 - 44.1	16.1	7.3 - 24.9	16.3	7.6 - 24.9
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
Waitemata	Female	18.4	-14.3 - 51.0	43.8	32.3 - 55.3	42.7	31.7 - 53.7
	Male	27.2	-15.5 - 70.0	51.6	39.1 - 64.1	50.2	38.3 - 62.2
	Total	23.2	-4.1 - 50.5	47.2	38.8 - 55.7	46.0	37.9 - 54.1
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
Waitemata	Female	0.0	0.0 - 0.0	76.2	59.8 - 92.6	72.8	57.4 - 88.1
	Male	16.8	-15.2 - 48.8	128.4	108.4 - 148.5	124.0	104.9 - 143.1
	Total	12.2	-6.8 - 31.1	100.0	87.2 - 112.8	96.1	84.0 - 108.2
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
Waitemata	Female	1962.5	1427.9 - 2497.2	1505.8	1326.9 - 1684.8	1564.5	1395.4 - 1733.6
	Male	3346.2	2643.4 - 4049.0	2525.7	2298.5 - 2752.9	2626.4	2410.5 - 2842.2
	Total	2645.6	2205.8 - 3085.3	2017.5	1872.7 - 2162.3	2096.7	1959.4 - 2233.9
New Zealand	Female	1344.0	1220.6 - 1467.5	1133.4	1077.2 - 1189.6	1174.8	1124.1 - 1225.5
	Male	2485.9	2315.3 - 2656.6	2015.8	1942.3 - 2089.3	2095.7	2028.9 - 2162.6
	Total	1900.9	1796.5 - 2005.3	1575.3	1529.0 - 1621.6	1634.3	1592.4 - 1676.3

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	181.7	34.6 - 328.9	151.7	104.5 - 198.8	156.1	110.9 - 201.2
	Male	158.3	16.8 - 299.7	91.7	55.8 - 127.6	99.5	63.9 - 135.1
	Total	169.5	67.8 - 271.2	121.6	92.0 - 151.1	127.7	99.0 - 156.3
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
Waitemata	Female	1863.0	1655.1 - 2070.9	1193.6	1128.8 - 1258.4	1281.1	1218.6 - 1343.6
	Male	4817.4	4478.0 - 5156.8	3089.4	2987.8 - 3190.9	3298.4	3200.2 - 3396.5
	Total	3321.1	3123.5 - 3518.8	2164.7	2103.8 - 2225.5	2310.3	2251.6 - 2369.0
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
Waitemata	Female	2034.7	1936.0 - 2133.3	1440.3	1425.7 - 1454.8	1454.7	1440.4 - 1469.1
	Male	2586.5	2458.4 - 2714.7	2830.5	2808.2 - 2852.8	2827.8	2805.8 - 2849.9
	Total	2289.9	2210.8 - 2369.1	2082.8	2069.7 - 2095.8	2088.7	2075.8 - 2101.5
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
Waitemata	Female	1093.4	1019.5 - 1167.3	635.8	626.7 - 644.8	650.2	641.2 - 659.3
	Male	1158.3	1073.7 - 1242.9	927.1	915.0 - 939.1	934.8	922.9 - 946.8
	Total	1114.8	1059.4 - 1170.1	769.5	762.1 - 776.9	780.7	773.3 - 788.0
New Zealand	Female	1210.9	1192.6 - 1229.2	649.9	646.8 - 652.9	680.0	676.9 - 683.0
	Male	1008.7	989.8 - 1027.6	913.7	909.7 - 917.7	923.4	919.5 - 927.3
	Total	1137.9	1124.6 - 1151.2	772.5	770.0 - 774.9	793.1	790.7 - 795.6

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	588.1	533.2 - 642.9	173.9	168.6 - 179.2	189.8	184.3 - 195.4
	Male	768.6	699.1 - 838.1	347.9	340.1 - 355.6	360.3	352.4 - 368.1
	Total	667.0	623.7 - 710.3	252.6	248.0 - 257.2	266.6	261.9 - 271.3
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
Waitemata	Female	524.3	473.6 - 575.1	209.2	203.2 - 215.2	221.1	215.0 - 227.2
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
Waitemata	Male	40.6	-45.5 - 126.6	13.6	5.0 - 22.1	14.3	5.7 - 22.9
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
Waitemata	Female	0.0	0.0 - 0.0	9.1	8.0 - 10.2	8.9	7.7 - 10.0
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
Waitemata	Female	0.0	0.0 - 0.0	345.0	337.7 - 352.4	337.6	330.4 - 344.7
	Male	290.3	251.7 - 328.9	387.7	379.8 - 395.6	383.7	376.0 - 391.5
	Total	208.1	185.1 - 231.2	360.6	355.2 - 365.9	354.7	349.5 - 359.9
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
Waitemata	Female	0.0	0.0 - 0.0	416.9	409.3 - 424.6	405.5	398.1 - 412.9
	Male	0.0	0.0 - 0.0	936.5	924.4 - 948.6	913.1	901.3 - 924.9
	Total	0.0	0.0 - 0.0	646.9	640.0 - 653.8	629.9	623.2 - 636.6
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
Waitemata	Female	2566.2	2453.7 - 2678.7	760.9	750.4 - 771.4	810.6	799.9 - 821.3
	Male	2334.6	2216.2 - 2453.0	1089.0	1075.6 - 1102.3	1121.6	1108.2 - 1134.9
	Total	2460.5	2379.0 - 2542.0	904.9	896.5 - 913.2	946.5	938.1 - 954.9
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
Waitemata	Female	170.8	48.8 - 292.9	90.1	66.0 - 114.2	94.4	70.9 - 117.8
	Male	276.1	110.0 - 442.2	116.0	89.2 - 142.7	123.7	97.2 - 150.1
	Total	220.6	119.2 - 322.0	102.0	84.1 - 119.9	107.9	90.4 - 125.5
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
Waitemata	Female	19.0	-22.2 - 60.3	7.1	1.1 - 13.0	7.6	1.6 - 13.6
	Male	33.7	-23.1 - 90.5	8.9	2.3 - 15.4	10.1	3.2 - 17.0
	Total	26.1	-8.6 - 60.8	7.9	3.5 - 12.4	8.8	4.3 - 13.3
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
Waitemata	Female	415.0	227.6 - 602.4	126.6	91.9 - 161.3	154.4	118.1 - 190.8
	Male	171.0	47.8 - 294.1	70.8	43.9 - 97.6	79.1	52.6 - 105.7
	Total	296.8	183.2 - 410.3	99.4	77.3 - 121.4	117.6	95.0 - 140.2
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
Waitemata	Female	1210.5	1043.3 - 1377.7	252.8	237.5 - 268.1	296.7	280.1 - 313.2
	Male	902.8	747.1 - 1058.4	306.4	289.3 - 323.4	331.7	314.1 - 349.3
	Total	1063.6	949.1 - 1178.2	275.7	264.3 - 287.0	310.5	298.6 - 322.5
New Zealand	Female	1174.3	1132.4 - 1216.2	271.9	266.3 - 277.5	340.6	334.4 - 346.7
	Male	934.7	894.6 - 974.8	314.2	308.3 - 320.1	356.1	350.0 - 362.3
	Total	1057.1	1028.2 - 1086.0	288.8	284.7 - 292.8	344.4	340.0 - 348.7

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	581.0	395.3 - 766.8	339.6	276.5 - 402.8	380.2	319.1 - 441.3
	Male	956.2	722.8 - 1189.5	494.1	419.9 - 568.4	570.8	497.8 - 643.8
	Total	772.1	622.3 - 921.9	419.3	370.3 - 468.3	478.3	430.4 - 526.1
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
Waitemata	Female	100.1	23.0 - 177.2	79.8	49.0 - 110.5	83.1	54.4 - 111.8
	Male	148.0	56.8 - 239.3	92.9	60.6 - 125.2	102.1	71.2 - 133.0
	Total	124.8	64.7 - 184.8	86.5	64.2 - 108.9	92.9	71.7 - 114.0
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
Waitemata	Female	0.0	0.0 - 0.0	4.0	-2.9 - 10.9	4.0	-2.3 - 10.3
	Male	19.7	-14.2 - 53.5	8.3	-1.0 - 17.5	10.0	0.6 - 19.3
	Total	12.0	-6.8 - 30.7	6.2	0.4 - 12.0	7.1	1.4 - 12.7
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
Waitemata	Female	1120.2	862.0 - 1378.4	925.2	822.5 - 1027.9	957.3	861.6 - 1053.0
	Male	1416.5	1130.9 - 1702.0	1285.4	1168.5 - 1402.3	1307.8	1199.4 - 1416.2
	Total	1270.6	1077.8 - 1463.4	1110.3	1032.2 - 1188.4	1137.2	1064.6 - 1209.7
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
Waitemata	Female	2347.0	2242.4 - 2451.6	3079.4	3060.0 - 3098.8	3060.8	3041.8 - 3079.9
	Male	1837.8	1731.7 - 1943.8	2267.5	2249.6 - 2285.4	2264.7	2247.0 - 2282.4
	Total	2119.8	2045.2 - 2194.3	2722.4	2709.1 - 2735.7	2712.5	2699.4 - 2725.5
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
Waitemata	Female	2174.1	2070.1 - 2278.1	2305.4	2286.0 - 2324.7	2301.9	2282.9 - 2320.9
	Male	3159.3	3017.7 - 3300.9	1979.7	1960.7 - 1998.7	2011.6	1992.7 - 2030.4
	Total	2618.0	2532.4 - 2703.5	2151.4	2137.8 - 2164.9	2164.9	2151.5 - 2178.3
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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	491.6	Respiratory infections	510.3
	Gastroenteritis	440.7	Gastroenteritis	371.2
	Angina	269.2	Dental conditions	301.5
	Cellulitis	265.2	ENT infections	265.7
	ENT infections	253.4	Cellulitis	243.5
Male	Respiratory infections	555.8	Respiratory infections	570.2
	Gastroenteritis	405.3	Gastroenteritis	355.3
	Angina	352.1	ENT infections	331.7
	ENT infections	318.3	Dental conditions	319.0
	Asthma	264.9	Angina	300.1
Total	Respiratory infections	524.8	Respiratory infections	541.0
	Gastroenteritis	423.4	Gastroenteritis	363.7
	Angina	309.1	Dental conditions	310.3
	ENT infections	286.9	ENT infections	299.6
	Asthma	254.0	Angina	258.9

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	761.0	Respiratory infections	742.2
	Asthma	475.8	Dental conditions	441.6
	Gastroenteritis	403.5	Asthma	356.4
	ENT infections	376.7	ENT infections	355.9
	Angina	370.1	Angina	329.4
non-Māori	Respiratory infections	495.1	Respiratory infections	500.0
	Gastroenteritis	429.9	Gastroenteritis	379.7
	Angina	304.3	ENT infections	283.8
	ENT infections	271.5	Dental conditions	271.8
	Asthma	220.3	Angina	250.3

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Angina	1610.0	Persons encountering health services for specific procedures and health care	1802.8
	Respiratory infections	1202.6	Angina	1499.8
	Other forms of heart disease	1123.2	Respiratory infections	1132.4
	Persons encountering health services for specific procedures and health care	1041.6	CORD	968.0
	Ischaemic heart disease	925.5	Other forms of heart disease	955.6
Male	Angina	1954.5	Persons encountering health services for specific procedures and health care	2367.0
	Ischaemic heart disease	1914.7	Angina	1956.7
	Respiratory infections	1761.2	Respiratory infections	1721.7
	Persons encountering health services for specific procedures and health care	1732.0	Ischaemic heart disease	1550.1
	Other forms of heart disease	1261.9	Other forms of heart disease	1232.4
Total	Angina	1767.3	Persons encountering health services for specific procedures and health care	2059.9
	Respiratory infections	1442.6	Angina	1712.2
	Ischaemic heart disease	1381.4	Respiratory infections	1388.0
	Persons encountering health services for specific procedures and health care	1362.6	Ischaemic heart disease	1148.7
	Other forms of heart disease	1184.4	Other forms of heart disease	1084.0

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	2785.8	Persons encountering health services for specific procedures and health care	7454.5
	CORD	2674.9	CORD	2912.0
	Ischaemic heart disease	2008.0	Respiratory infections	2597.3
	Congestive heart failure	1803.1	Diabetes	2074.3
	Persons encountering health services for specific procedures and health care	1767.6	Angina	1943.8
non-Māori	Angina	1774.9	Persons encountering health services for specific procedures and health care	1705.0
	Respiratory infections	1397.1	Angina	1698.8
	Ischaemic heart disease	1362.0	Respiratory infections	1319.4
	Persons encountering health services for specific procedures and health care	1351.0	Ischaemic heart disease	1133.2
	Other forms of heart disease	1168.6	Other forms of heart disease	1069.6

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	610.9	Dental conditions	660.6
	Injuries to the elbow and forearm	498.9	Respiratory infections	622.0
	Dental conditions	424.4	ENT infections	380.4
	ENT infections	336.3	Injuries to the elbow and forearm	337.0
	Persons encountering health services for specific procedures and health care	310.4	Persons encountering health services for specific procedures and health care	311.2
Male	Injuries to the elbow and forearm	782.6	Dental conditions	687.9
	Respiratory infections	588.7	Respiratory infections	671.2
	Dental conditions	498.1	Injuries to the elbow and forearm	520.1
	Injuries to the head	458.0	ENT infections	457.9
	ENT infections	419.4	Injuries to the head	360.8
Total	Injuries to the elbow and forearm	644.3	Dental conditions	674.6
	Respiratory infections	599.3	Respiratory infections	647.1
	Dental conditions	462.0	Injuries to the elbow and forearm	430.9
	ENT infections	378.7	ENT infections	420.1
	Persons encountering health services for specific procedures and health care	355.8	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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Injuries to the elbow and forearm	587.3	Dental conditions	843.1
	Dental conditions	581.5	Respiratory infections	644.5
	Respiratory infections	551.7	ENT infections	555.6
	ENT infections	544.9	Injuries to the elbow and forearm	425.4
	Persons encountering health services for specific procedures and health care	450.2	Persons encountering health services for specific procedures and health care	399.2
non-Māori	Injuries to the elbow and forearm	654.3	Respiratory infections	648.9
	Respiratory infections	608.1	Dental conditions	619.8
	Dental conditions	440.2	Injuries to the elbow and forearm	432.1
	ENT infections	348.2	ENT infections	377.3
	Injuries to the head	345.1	Persons encountering health services for specific procedures and health care	308.2

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Female	Respiratory infections	3177.6	Persons encountering health services in other circumstances	4296.1
	Persons encountering health services in other circumstances	2574.9	Respiratory infections	3688.1
	Disorders related to length of gestation and fetal growth	2203.6	Disorders related to length of gestation and fetal growth	1895.8
	Gastro-oesophageal reflux disease	1746.5	Gastro-oesophageal reflux disease	1561.8
	Persons encountering health services for examination and investigation	1682.6	ENT infections	1005.2
Male	Respiratory infections	4623.2	Respiratory infections	4875.7
	Persons encountering health services in other circumstances	2669.7	Persons encountering health services in other circumstances	4131.4
	Disorders related to length of gestation and fetal growth	2124.1	Disorders related to length of gestation and fetal growth	2016.8
	Gastro-oesophageal reflux disease	1784.8	Gastro-oesophageal reflux disease	1663.2
	Persons encountering health services for examination and investigation	1554.2	ENT infections	1415.5
Total	Respiratory infections	3923.0	Respiratory infections	4295.1
	Persons encountering health services in other circumstances	2623.7	Persons encountering health services in other circumstances	4212.0
	Disorders related to length of gestation and fetal growth	2162.6	Disorders related to length of gestation and fetal growth	1957.6
	Gastro-oesophageal reflux disease	1766.2	Gastro-oesophageal reflux disease	1613.6
	Persons encountering health services for examination and investigation	1616.4	ENT infections	1214.9

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

	Waitemata DHB		New Zealand	
	Condition	ASR	Condition	ASR
Māori	Respiratory infections	6026.1	Respiratory infections	5965.2
	Disorders related to length of gestation and fetal growth	1865.1	Persons encountering health services in other circumstances	2422.4
	Persons encountering health services for examination and investigation	1802.7	Disorders related to length of gestation and fetal growth	1684.5
	Asthma	1576.0	Gastro-oesophageal reflux disease	1311.2
	Gastro-oesophageal reflux disease	1547.6	ENT infections	1270.5
non-Māori	Respiratory infections	3490.7	Persons encountering health services in other circumstances	4825.9
	Persons encountering health services in other circumstances	2892.8	Respiratory infections	3722.1
	Disorders related to length of gestation and fetal growth	2223.8	Disorders related to length of gestation and fetal growth	2051.4
	Gastro-oesophageal reflux disease	1811.2	Gastro-oesophageal reflux disease	1717.4
	Persons encountering health services for examination and investigation	1578.1	ENT infections	1195.9

Appendix 4

Cancer Registration Tables (2005-2007)

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

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

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

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

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

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

DHB ASR statistically significantly higher than national ASR

DHB ASR statistically significantly lower than national ASR

Key:

DHB = District Health Board

ASR = Age-Standardised Rate

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	82.0	9.1 - 154.9	22.0	13.9 - 30.2	24.7	16.3 - 33.2
	Male	68.4	-4.0 - 140.9	33.1	23.0 - 43.2	34.4	24.4 - 44.4
	Total	75.4	24.1 - 126.6	27.1	20.7 - 33.5	29.1	22.6 - 35.6
New Zealand	Female	91.7	72.1 - 111.2	22.7	19.8 - 25.5	28.1	25.1 - 31.2
	Male	91.7	71.0 - 112.5	32.1	28.8 - 35.4	36.5	33.1 - 40.0
	Total	91.6	77.4 - 105.9	27.0	24.8 - 29.2	31.9	29.6 - 34.2

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	182.5	77.0 - 288.1	131.3	108.4 - 154.2	134.3	111.8 - 156.7
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
Waitemata	Male	93.0	7.0 - 179.0	111.4	93.1 - 129.8	110.3	92.5 - 128.1
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
Waitemata	Female	18.6	-14.5 - 51.8	10.3	2.8 - 17.8	10.9	3.5 - 18.3
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
Waitemata	Female	17.3	-15.7 - 50.2	37.9	27.2 - 48.6	37.0	26.7 - 47.2
	Male	39.8	-16.9 - 96.6	49.9	37.4 - 62.5	49.4	37.2 - 61.5
	Total	27.1	-3.8 - 58.0	43.5	35.3 - 51.7	42.7	34.9 - 50.6
New Zealand	Female	35.4	23.2 - 47.5	45.9	41.7 - 50.0	45.2	41.2 - 49.1
	Male	44.3	29.9 - 58.8	56.2	51.6 - 60.9	55.4	51.0 - 59.8
	Total	39.7	30.3 - 49.1	50.8	47.7 - 53.9	50.0	47.1 - 53.0

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	17.2	-15.7 - 50.0	49.0	34.6 - 63.3	47.0	33.5 - 60.5
	Male	0.0	0.0 - 0.0	63.5	47.6 - 79.4	60.2	45.3 - 75.0
	Total	10.6	-8.1 - 29.3	55.8	45.1 - 66.5	53.2	43.2 - 63.2
New Zealand	Female	10.0	3.4 - 16.6	55.1	49.5 - 60.7	50.2	45.2 - 55.1
	Male	8.5	1.9 - 15.2	61.4	55.7 - 67.0	56.5	51.4 - 61.5
	Total	9.3	4.6 - 13.9	58.0	54.0 - 61.9	53.1	49.5 - 56.6

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	576.2	522.1 - 630.2	152.8	147.8 - 157.8	166.6	161.4 - 171.7
	Male	570.5	510.3 - 630.7	230.5	224.3 - 236.7	240.8	234.5 - 247.0
	Total	574.9	534.7 - 615.2	186.7	182.7 - 190.6	198.8	194.8 - 202.8
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
Waitemata	Female	512.4	462.6 - 562.3	309.5	302.2 - 316.9	315.1	307.8 - 322.4
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
Waitemata	Male	862.3	788.9 - 935.8	784.6	772.5 - 796.8	785.5	773.6 - 797.5
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
Waitemata	Female	0.0	0.0 - 0.0	11.0	9.6 - 12.3	10.9	9.6 - 12.2
New Zealand	Female	23.7	21.1 - 26.3	11.3	10.8 - 11.7	12.0	11.5 - 12.5

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

		Māori		non-Māori		Total	
		ASR	95% confidence	ASR	95% confidence	ASR	95% confidence
Waitemata	Female	0.0	0.0 - 0.0	264.5	258.0 - 270.9	257.5	251.2 - 263.7
	Male	369.5	320.6 - 418.4	353.1	345.2 - 360.9	354.1	346.3 - 361.8
	Total	204.7	180.8 - 228.6	304.1	299.1 - 309.1	300.9	296.0 - 305.9
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
Waitemata	Female	0.0	0.0 - 0.0	160.7	155.7 - 165.7	156.4	151.6 - 161.2
	Male	0.0	0.0 - 0.0	282.5	275.5 - 289.6	276.7	269.9 - 283.6
	Total	0.0	0.0 - 0.0	216.2	212.0 - 220.4	211.2	207.1 - 215.3
New Zealand	Female	35.6	32.5 - 38.8	144.7	143.1 - 146.3	138.2	136.7 - 139.7
	Male	48.2	44.0 - 52.5	247.5	245.3 - 249.7	236.7	234.7 - 238.8
	Total	41.0	38.4 - 43.5	191.8	190.4 - 193.1	183.2	181.9 - 184.5

Appendix 5

ICD-10 Codes

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

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

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

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

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

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

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