

MATAMATA-PIAKO TA

HEALTH PROFILE 2015

Population Health

Waikato District Health Board



DID YOU KNOW?

9%

of the Waikato DHB population lives in Matamata-Piako TA

4TH

Largest Territorial Authority (TA) in Waikato DHB

31,536

people live in Matamata-Piako TA

BIRTHS IN 2014



25

births to women 19 years and under



58

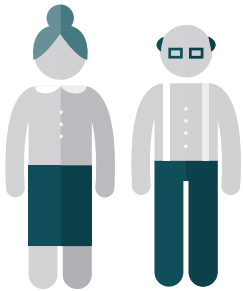
births to women 35 years and over



422

Total number of births in 2014

POPULATION (2013 Census)



18%

of the population is 65 years and over



21%

of the population is under 15 years old



7%

of the population is under 5 years of age

TRANSPORT

5%

of households have no access to a motor vehicle



SMOKING

22%
2006

Regular smokers 15 years and over

17%
2013

Regular smokers 15 years and over



Males live to around
80
years

Females live to around
83
years



15%

of households are single parent



7%

of the population live in crowded housing



12%

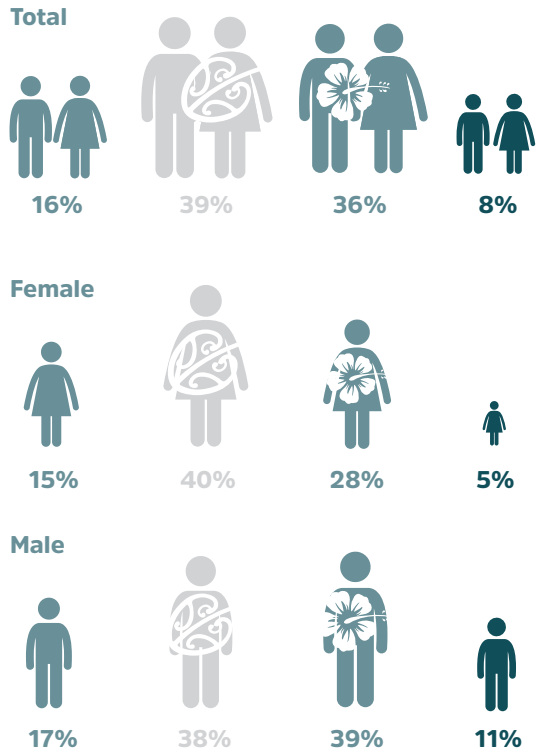
(0-14 years) of the population live in the most deprived areas (9 and 10 NZ Dep)



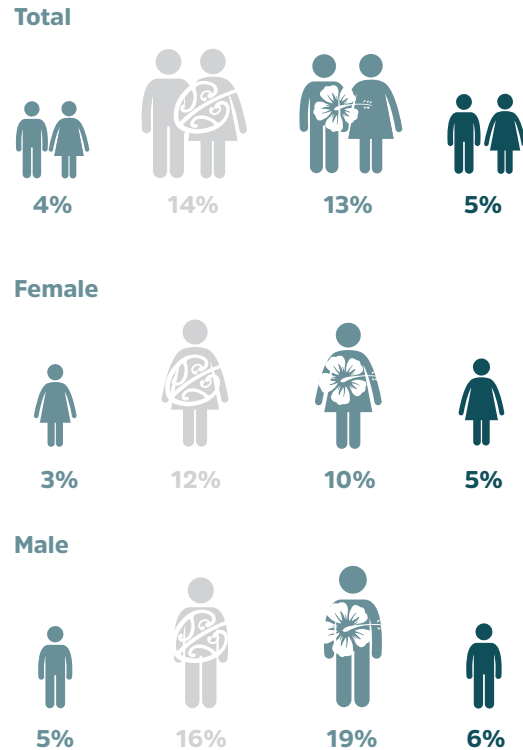
MATAMATA-PIAKO TA

HEALTH PROFILE 2015

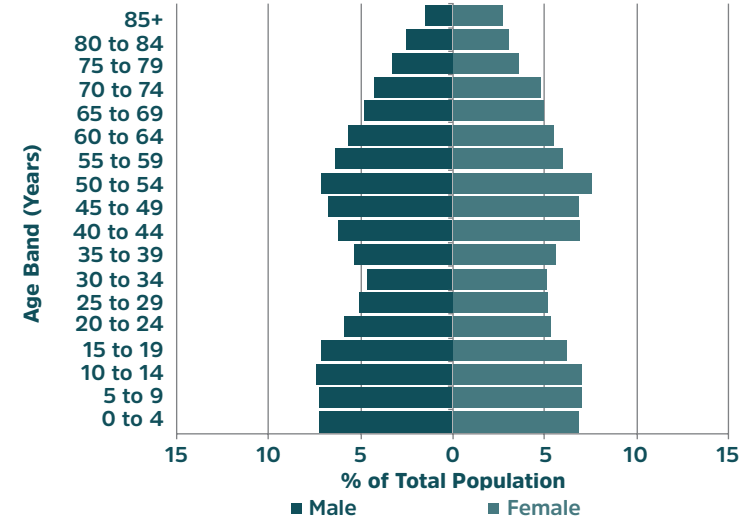
Percentage of regular smokers within Matamata-Piako TA by ethnicity. 2013 Census



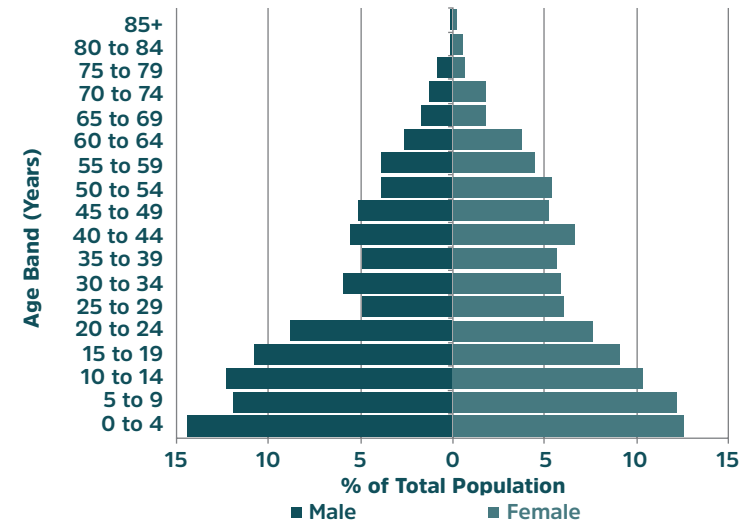
Percentage of unemployed people within Matamata-Piako TA by ethnicity. 2013 Census



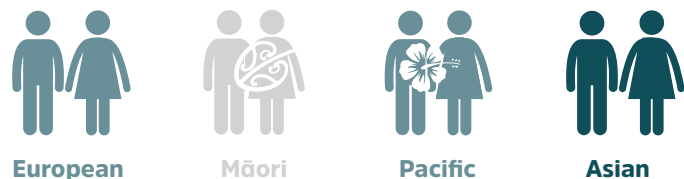
Population Age Structure - Matamata-Piako TA (2013 Census)



Population Age Structure - Matamata-Piako TA Māori (2013 Census)



POPULATION KEY

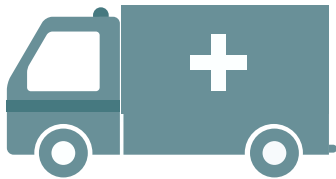


*Definition: People aged 15 years and over are defined as employed if they worked for one hour or more for pay or profit, or without pay in a family farm, business or professional practice, or if they had a job but were not at work for some reason.

HOSPITALISATIONS AND DISEASE

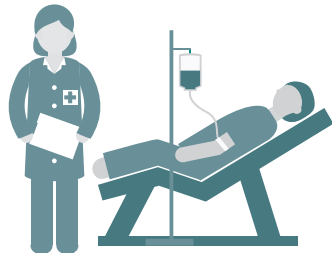
1 IN 5

visit the emergency department each year



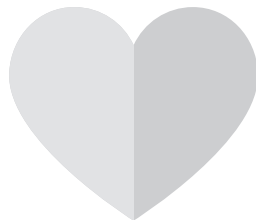
1 IN 4

is admitted to hospital each year



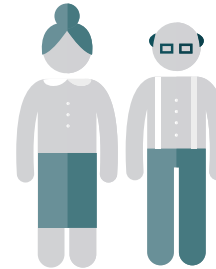
The most common
CHRONIC DISEASE

hospitalisations are ischaemic heart disease (IHD), type 2 diabetes, stroke and heart failure



Most common chronic disease admissions in

65+ = ISCHAEMIC HEART DISEASE (IHD)



Most common

AMONG MĀORI 65+ = TYPE 2 DIABETES, COPD & HEART FAILURE



Admissions for

MOOD DISORDER
are seen in
1 IN 1,000 PEOPLE



The

MĀORI

hospitalisation rate for

TYPE 2 DIABETES

aged 45+ is

5 TIMES HIGHER

than in non-Māori



MĀORI

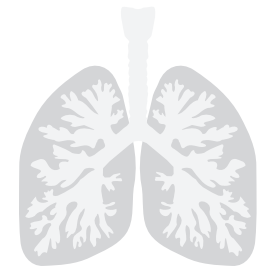
aged 45-64 have

8 TIMES HIGHER

rates of

COPD

than non-Māori



MATAMATA-PIAKO TA

KEY FINDINGS

**MĀORI 45-64
HAVE 5 TIMES
HIGHER RATES
OF HEART FAILURE**

than non-Māori



**3 OUT OF
1,000 WOMEN
45+ are hospitalised for
BREAST CANCER**

each year



**3 OUT OF 1,000
MĀORI ADULTS
are hospitalised for
SCHIZOPHRENIA**

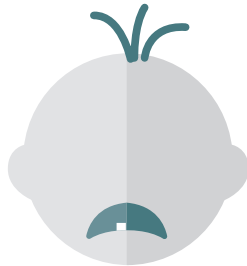
each year



**12 IN 1,000
CHILDREN**

have been hospitalised for

**DENTAL
CARIES**



DENTAL CARIES

hospitalisations are

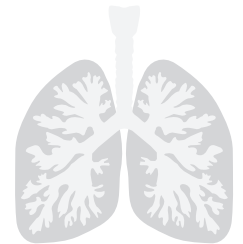
**30% MORE
COMMON IN
MĀORI CHILDREN**

than non-Māori children



**2 IN 100 MĀORI
CHILDREN ARE
hospitalised for
RESPIRATORY**

infections each year



**3 IN 5 PREGNANT WOMEN
ARE OVERWEIGHT OR
OBESE DURING PREGNANCY**

(BMI over 25)

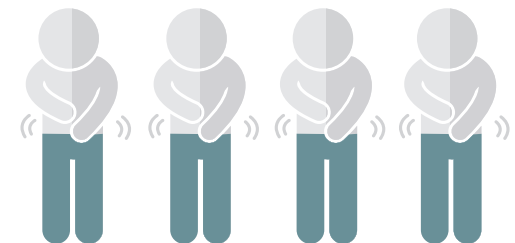


**4 OUT OF 1,000
CHILDREN**

are hospitalised for

GASTROENTERITIS

each year



MATAMATA-PIAKO TA

PROJECTIONS | KEY FINDINGS

Population
Health

Waikato District Health Board

IN 2026

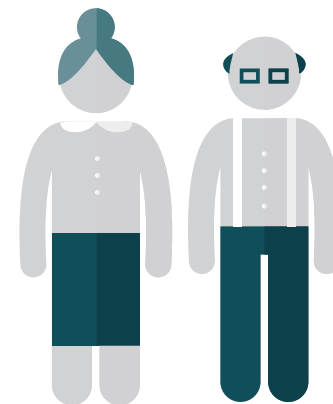
The population of
MATAMATA-PIAKO TA
will
DECREASE
BY 2%



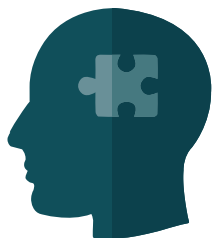
UNDER 15s
will
DECREASE
BY 7%



OVER 65s
will
INCREASE
BY 27%



The prevalence of
DEMENTIA IN 65+
is estimated to
INCREASE BY
49%



Admissions for
CHRONIC DISEASE
in 45+ is estimated to
INCREASE BY
15-20%



BREAST CANCER
ADMISSIONS IN 45+
are estimated to
INCREASE
BY 3%



Admissions for
MOOD DISORDER
and
SCHIZOPHRENIA
are estimated to
DECREASE
BY 2%



MATAMATA-PIAKO TA KEY HEALTH INDICATOR STATISTICS

Key health indicator statistics for Matamata-Piako TA (total and Māori population) compared with the overall Waikato DHB, 2014.

Health indicators	Waikato DHB	Matamata-Piako TA		Māori		Māori vs non-Māori
	Rate	Rate	Time trend since 2006	Rate	Time trend since 2006	Rate ratio
In-patient events per 1,000 population ¹	260.0	232.0	↑ Increase	191.0	≈ No Change	0.80
Emergency department visits per 1,000 population ²	265.4	158.7	-	163.1	-	1.03
Mortality rate per 1,000 population ³	7.2	8.4	-	6.0	-	-
Dementia, total with disease ⁴	4,303	378	-	22	-	0.4
<i>Hospital stays per 100, 000 population⁵</i>						
IHD						
45-64 years	566.0	450.8	≈ No change	500.7	≈ No Change	1.12
65+ years	1856.4	1403.7	≈ No change	1025.6	≈ No Change	0.72
COPD						
45-64 years	330.7	148.6	≈ No change	764.2	≈ No Change	7.91
65+ years	1473.7	566.4	≈ No change	1333.3	≈ No Change	2.30
Diabetes type 2						
45-64 years	356.3	187.6	≈ No change	658.8	≈ No Change	4.72
65+ years	1019.2	861.9	≈ No change	3589.7	≈ No Change	4.68
Heart failure						
45-64 years	150.4	102.3	≈ No change	368.9	≈ No Change	4.91
65+ years	1129.2	636.8	≈ No change	1230.8	≈ No Change	1.99
Stroke						
45-64 years	190.0	168.1	≈ No change	395.3	≈ No Change	2.73
65+ years	969.6	840.8	≈ No change	923.1	≈ No Change	1.10
Renal failure						
45-64 years	50.9	48.7	≈ No change	26.4	≈ No Change	0.52
65+ years	205.3	109.1	≈ No change	307.7	≈ No Change	3.01

Health indicators	Waikato DHB	Matamata-Piako TA		Māori		Māori vs non-Māori
	Rate	Rate	Time trend since 2006	Rate	Time trend since 2006	Rate ratio
Breast cancer, women 45+ years	292.5	253.9	≈ No change	228.6	≈ No change	0.89
Mood disorder ⁶	157.5	99.4	≈ No change	65.2	≈ No change	0.77
Schizophrenia ⁶	130.2	78.4	≈ No change	266.4	≈ No change	7.58
Disorders due to psychoactive substance use ⁶	86.7	54.0	≈ No change	42.2	≈ No change	0.76
Intentional self-harm ⁷	149.4	36.9	≈ No change	35.4	-	0.92
Alcohol related harm and conditions ⁸	717.6	673.3	≈ No change	1099.8	-	-
Respiratory infections aged 0-14 years ⁹	2033.9	1407.2*	↑ Increase	2410.7	≈ No change	2.23
Asthma aged 0-14 years ¹⁰	431.3	367.5	≈ No change	751.1	≈ No change	3.09
Gastroenteritis aged 0-14 years ¹¹	535.5	382.3	≈ No change	181.7	≈ No change	0.41
Dental caries aged 0-14 years ¹²	1041.0	1244.6	↑ Increase	1514.2	≈ No change	1.31
Rheumatic fever ¹³	5.1	5.7	-	31.3	-	21.15
<i>Community care service use per 1,000 population¹⁴</i>						
District nursing	286.4	367.5	-	331.9	-	0.89
Public health nursing	19.2	19.9	-	55.9	-	3.99
Physio-/occupational therapy/dietician	38.9	41.4	-	28.0	-	0.64

Notes: 1-2 Waikato DHB hospital register Costpro, events per 1,000 population, 2014. 3 Events per 1,000 population, 2013. 4 Alzheimer's New Zealand. 5 Age- and ethnicity specific rates, annual average 2010-2014, Costpro. ICD10: ischemic heart disease (IHD) I20-25, chronic obstructive pulmonary disease (COPD) J40-44, J47, diabetes type 2 E11, heart failure I50, stroke I60-I69, renal failure N17-N19, breast cancer C50, 6 Age- and ethnicity-standardised rate per 100,000 population. Standardised to the NZ population. Mood disorder F30-F39, schizophrenia and delusional disorders F20-F29, disorders due to psychoactive substance use, F10-F19. 7 Age- and ethnicity-standardised rate per 100,000 population, ICD10 X60-X84. Standardised to the NZ population, 8 Alcohol attributable fraction weighted admissions, 9 Age- and ethnicity-specific rate per 100,000 population, ICD10 J00-J22, 10 Age- and ethnicity-specific rate per 100,000 population, ICD10 J45-46, 11 Age- and ethnicity-specific rate per 100,000 population, ICD10 A00-A09, 12 Age- and ethnicity-specific rate per 100,000 population, ICD10 K02, 13 Crude rate per 100,000 population, ICD10 I00-I02, 14 Events per 1,000 population, 2011-2014 (annual average), Costpro. Arrows show statistically significant differences over time ($p < 0.05$) - Data not available for comparison. Rate ratios: non-Māori is held as reference category. A ratio above/below 1 means the outcome is more/less common among Māori than non-Māori.

MATAMATA-PIAKO TA KEY HEALTH INDICATOR STATISTICS

Key socioeconomic indicator statistics for Matamata-Piako TA (total and Māori population) compared with the overall Waikato DHB, 2013.

Indicators	Waikato DHB	Matamata-Piako TA		Māori		Māori vs non-Māori
	Rate	Rate	Time trend since 2006	Rate	Time trend since 2006	Rate ratio
Risk behaviours¹						
Regular smokers (15+)	17.2%	17.4%	↓ Decrease	38.8%	↓ Decrease	2.67
Male	17.8%	18.2%	↓ Decrease	37.5%	≈ No change	2.38
Female	16.5%	16.5%	↓ Decrease	40.0%	↓ Decrease	2.99
Regular smokers (15 to 24)	18.1%	21.7%*	↓ Decrease	38.3%	↓ Decrease	2.23
Male	19.0%	23.1%*	↓ Decrease	36.4%	≈ No change	1.87
Female	17.2%	20.3%*	↓ Decrease	40.5%	≈ No change	2.79
Smoking in pregnancy	18.7%	20.4%	-	44.0%	-	3.37
Births to mothers under age 19 per 1,000 births ²	66.4	74.4	-	90.0	-	1.81
Births to mothers over age 35 per 1,000 births ²	166.1	137.4	-	120.0	-	0.84
Overweight in pregnancy (BMI 25-29) ²⁻³	28.1%	29.6%	-	29.0%	-	0.97
Obese in pregnancy (BMI ≥30) ²⁻³	25.5%	26.1%	-	42.0%	-	1.99
Social and economic¹						
Rates of te reo in the home (among Māori)	25.7%	-	-	23.9%*	↓ Decrease	-
Highest qualification: diploma (level 5) and over	25.2%	17.0%*	↑ Increase	9.9%	≈ No change	0.55
No qualification (15+)	25.0%	31.5%*	↓ Decrease	44.8%	↓ Decrease	1.50
Unemployed (percentage of population in labour force)	7.7%	5.0%*	↑ Increase	14.2%	↑ Increase	3.78
Living in crowded housing	9.7%	6.6%*	-	-	-	-
Do not own usual residence	50.6%	46.5%*	↑ Increase	73.8%	≈ No change	1.72
Rented households	37.3%	35.8%*	↑ Increase	-	-	-
Households with no access to telecommunications	2.1%	1.8%	≈ No change	-	-	-
Households with no access to a motor vehicle	7.1%	5.2%	≈ No change	-	-	-
Single parent households	19.0%	15.1%*	≈ No change	-	-	-
Living in high deprivation areas ³	26.3%	10.6%*	↑ Increase	-	-	-

Notes: 1 2013 Census, 2 2014 National Maternity Collection, MoH, 3 Based on maternal height and weight at first registration with LMC or DHB Primary Maternity Service, 4NZDEP13 index scores of 9 or 10.
 *Significantly different from Waikato DHB value. Arrows show statistically significant differences over time (p<0.05) - Data not available for comparison. Rate ratios: non-Māori is held as reference category. A ratio above/below 1 means the outcome is more/less common among Māori than non-Māori.

MATAMATA-PIAKO TA PROJECTIONS 2026

Current and projected population and health statistics for Matamata-Piako TA, 2016-2026

Indicator	Estimated n 2016	Estimated n 2026	Change n	2016-2026 %
Population estimates¹				
Total population	31,440	30,790	-650	-2.1%
Under 15	6,530	6,085	-445	-6.8%
Over 65	6,250	7,925	1,675	26.8%
Hospital admissions (n)				
IHD, 45+	117	134	17	14.4%
COPD, 45+	49	57	8	15.9%
Diabetes type 2, 45+	64	76	11	17.4%
Heart failure, 45+	45	53	9	19.4%
Stroke, 45+	62	73	11	18.0%
Mood disorder	30	30	-1	-2.1%
Schizophrenia	23	22	0	-2.1%
Gastroenteritis, 0-14	26	24	-2	-6.8%
Asthma, 0-14	84	78	-6	-6.8%
Breast cancer (women, 45+)	18	19	1	3.3%
Dementia ² , prevalence 65+	462	686	224	48.5%

Notes: Projections based on statistics NZ population projections by sex and age, 2016 (base)-2026, medium projection. Estimated admissions 2026 = current number of admissions (annual average 2010-2014) multiplied with the (age-specific) increase/decrease in population. ¹Population estimations for 2016. ²Number with dementia in 65+ (prevalence 8.1%) based on a 2012 Alzheimer's NZ report. ³2030, prevalence 8.7%.