

HEALTH NEW ZEALAND EMPLOYED WORKFORCE QUARTERLY REPORT

1 July to 30 September 2024

Health Workforce Information

The Health Workforce Information Programme (HWIP) is a well-established programme within Health New Zealand | Te Whatu Ora (Health NZ). The programme collects base information on employee demographics, competencies and describes the current composition of the Health NZ workforce.

Changes to Reporting

This quarterly report is the first to include data for all Health NZ employees. Previous reports included employees from the 20 Districts only. This quarter the following former agencies have been added to the collection:

- Hauora Māori (Te Aka Whai Ora)
- NZ Health Partnership
- Health Alliance
- HealthSource
- HealthShare
- Northern Regional Alliance (NRA)
- TAS Kāhui Tuitui Tāngata
- Te Whatu Ora | Health New Zealand National Office

In this report, the data from these former agencies is combined and referred to as 'National Payrolls' data. National Payrolls employee data has been coded to HWIP Occupation Group 'Corporate and Other' in this report. This may undercount national clinical leadership, and we will continue to review our treatment of these roles in future reports.

Purpose of the Report

This report covers all Health NZ employees for the period 01 July 2024 to 30 September 2024 and is a snapshot in time as at 30 September 2024. The report provides information on the general make up and characteristics of the Health NZ workforce to help inform further data analysis and workforce planning. The format of the report is to provide tables and graphs on the demographics of the workforce aligned to the seven HWIP occupational groupings. These HWIP groupings are:

- Senior Medical Officer (SMO)
- Resident Medical Officer (RMO)
- Nursing
- Midwifery
- Allied & scientific (the amalgamation of Allied Health and Technical and Scientific)
- Care and support
- Corporate and other

Note that totals in this report are not directly comparable to previously published District Quarterly reports, due to the inclusion of the National Payrolls.

Data Extraction

Important notes about the data extraction:

- The data extract used for this report covers the period July to September 2024 inclusive and is a snapshot of the workforce as at 30 September 2024.

Disclaimer

While reasonable care has been taken to prepare this material, we give no guarantee that it is free from errors or defects. It is the best available data.

This report is created as at a point in time. Minor revisions may be implemented in the underlying datasets, and subsequent data extracts, after publication.

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Data source: Workforce Information, held by Health New Zealand | Te Whatu Ora

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OVERVIEW

HEALTH NZ WORKFORCE AT A GLANCE

For data to 30 September 2024, only those employed with contracted hours greater than zero are included in the analysis except for the tables and charts that explicitly report on 'Other' employees on page 5. 'Other' includes those on maternity / parental leave, and those who have not been reported with an employment status code.

<p>Total employees 92,178^{1,2} in 93,508 positions 71,426 Female 20,768 Male 73 Another/Not Stated Gender Other employees 9,826³</p>	<p>79,674 FTE⁴ 60,445 FTE⁴ Females 19,159 FTE⁴ Males 70 FTE⁴ Another/Not Stated Gender</p>	<p>Largest HWIP occupation group: Nursing - 35,198 employees in 35,947 positions Smallest HWIP occupation group: Midwifery - 1,624 employees in 1,684 positions</p>
<p>District employee average age 44.6 years 44.6 years for females 44.5 years for males</p>	<p>Oldest male HWIP occupation group: SMO (mean age 51.4 years) Youngest male HWIP occupation group: RMO (mean age 31.7 years)</p>	<p>Oldest female HWIP occupation group: Corporate and other (mean age 49.7 years) Youngest female HWIP occupation group: RMO (mean age 31.3 years)</p>
<p>Mean FTE rate 0.86 per employee Mean FTE rate for females 0.84 Mean FTE rate for males 0.90</p>	<p>Longest Length of Service HWIP occupation group: SMO (mean 10.2 years) Shortest Length of Service HWIP occupation group: RMO (mean 1.5 years)</p>	<p>Employee reported ethnicities: Other⁵ - 56.1% Asian - 29.6% Māori - 9.1% Pacific - 5.2%</p>

¹The count of employees is a distinct count of individual employees.

²Total employees are those with contracted hours greater than 0.

³Other employees are those without contracted hours and includes employees on maternity / parental leave and Leave without Pay.

⁴Contracted FTE is calculated using a 2086-hour annual contract.

N.B. Interpretations of a 'full time equivalent' can vary. For example, a sonographer may be classed as 1.0 full time employee in one District where they are contracted to work 35 hours per week, whereas another sonographer in a different District may be classed as 1.0 full time employee where they are contracted to work 40 hours per week. The Contracted FTE definition used here allows a comparison to be made across Districts and occupations through a universal standard.

⁵To allow direct comparisons with reported ethnicity data from Statistics New Zealand, we have amalgamated ethnicities not associated with Asian, Māori or Pacific into the group 'Other'. This total also includes 'Unknown' / Not Stated.

DISTRIBUTION OF EMPLOYEES

This chart shows the number of Health New Zealand (Health NZ) employees (a distinct count of employee numbers) who are classed as either Employees (contracted hours greater than zero) or 'Other' (all others including those on maternity / parental leave and Leave without Pay, and those who have not been reported with an employment status code). If an individual has already been included in the Employed total but also holds a casual contract, they have not been counted again in the Others column. The chart has been ordered in descending order of workforce size. The table below the chart gives the actual count of employees.

Figure 1: Count of individual employees

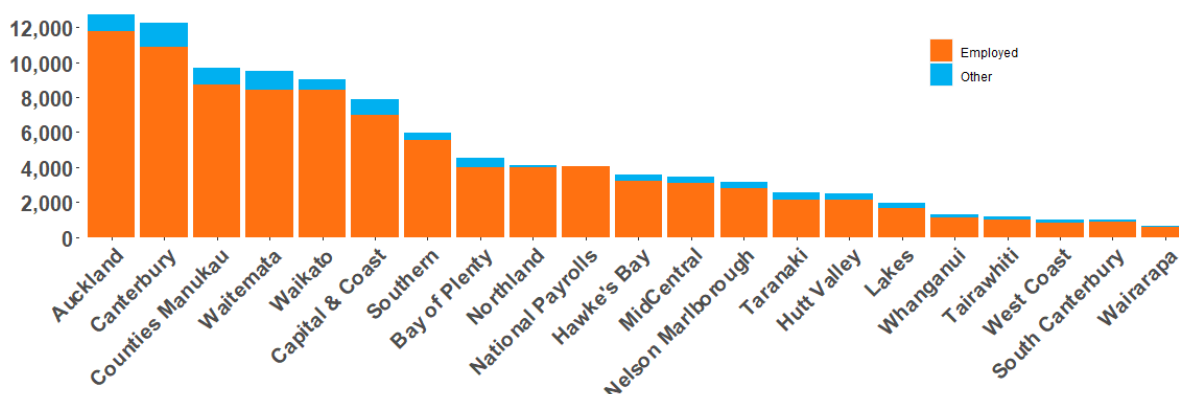


Table 1: Distribution of employment types

Health New Zealand (Health NZ)	Employed	Others	Total	Proportion of Health NZ Workforce
Auckland	11,758	985	12,743	12.5%
Canterbury	10,886	1,342	12,228	12.0%
Counties Manukau	8,749	920	9,669	9.5%
Waitemata	8,418	1,087	9,505	9.3%
Waikato	8,394	637	9,031	8.9%
Capital & Coast	6,999	874	7,873	7.7%
Southern	5,556	415	5,971	5.9%
Bay of Plenty	3,984	557	4,541	4.5%
National Payrolls	4,029	45	4,074	4.0%
Northland	4,020	105	4,125	4.0%
Hawke's Bay	3,204	397	3,601	3.5%
MidCentral	3,101	335	3,436	3.4%
Nelson Marlborough	2,787	381	3,168	3.1%
Taranaki	2,123	416	2,539	2.5%
Hutt Valley	2,122	345	2,467	2.4%
Lakes	1,643	311	1,954	1.9%
Tairāwhiti	1,024	170	1,194	1.2%
Whanganui	1,107	164	1,271	1.2%
South Canterbury	871	100	971	1.0%
West Coast	819	166	985	1.0%
Wairarapa	584	74	658	0.6%
Total	92,178	9,826	102,004	100.0%

NOTE: Prior to June 2021, this table was based on a count of positions, which had the potential to count individual employees more than once if they held multiple positions with a District. Individuals may still be counted more than once if they hold positions with multiple Districts.

INCLUSIONS AND EXCLUSIONS

Specific caveats and definitions relevant to charts and tables have been provided throughout the report and should be noted. Additionally, all charts and tables that follow in this document are derived from data using the following caveats:

Inclusions:

- Only employees who have positive contract hours have been included; those with zero contract hours or are classified as on parental leave or leave without pay have been excluded.
- Charts containing 'Age' include all employees who have a calculated age between 15 and 99.
- All Health NZ employees are included unless specifically stated otherwise.

Exclusions:

- Data has been excluded when it does not match the reporting variable standard format (i.e. if a gender code has not been assigned then the employee will be excluded from that chart or table).
- For privacy reasons some data has been suppressed for numbers less than ten
- Any employee who has an employment end date entered (before or during the reporting quarter) has also been excluded since they left employment before the end of the reporting quarter.
- Charts containing 'ethnicity', exclude employees who do not have a valid ethnicity code.
- Analysis by population does not include National Payrolls data because there is no specific population associated with the National Payrolls data.
- National Payrolls length of service data is not included in this report.

Calculations:

- Percentage sick leave hours is calculated by dividing the number of sick leave hours taken by the contracted hours (excluding those with zero contracted hours). It excludes staff who started or terminated employment in the reporting quarter.
- Annual leave balance to entitlement calculations exclude staff who started or terminated employment in the reporting quarter and those staff who have no reported entitlement to annual leave.
- Because of the way start dates are reported the length of service is most likely to be based on the length of service within a District rather than the length of service of the reported position. When a person is reported under multiple positions for a single occupation group, the greatest length of service value is used for the individual.

EMPLOYEE COUNT AND FTE BY OCCUPATION GROUP

The following table shows the distinct count of employees by their occupation group. There is the potential for individuals to be counted more than once if they have roles with more than one District. It also includes columns for full-time equivalent counts (Contracted FTE, using a 2086 hour annual contract) and mean FTE (the average FTE calculation for all employees). Employees who do not have a contract of more than zero hours are excluded.

Table 2: Employee count and FTE by occupation group

Health New Zealand (Health NZ)	Nursing			Corporate and Other			Allied and Scientific			Care and Support			Senior Medical Officer (SMO)			Resident Medical Officer (RMO)			Midwifery		
	Employee Count	FTE	Mean FTE	Employee Count	FTE	Mean FTE	Employee Count	FTE	Mean FTE	Employee Count	FTE	Mean FTE	Employee Count	FTE	Mean FTE	Employee Count	FTE	Mean FTE	Employee Count	FTE	Mean FTE
Auckland	4,424	3,897.5	0.88	2,139	1,986.2	0.93	2,225	2,006.6	0.90	921	866.4	0.94	1,228	1,038.4	0.85	656	646.5	0.99	189	148.6	0.79
Bay of Plenty	1,575	1,244.0	0.79	710	612.9	0.86	606	510.4	0.84	489	408.1	0.83	289	235.4	0.81	235	232.1	0.99	80	55.9	0.70
Canterbury	4,286	3,538.1	0.83	2,160	1,892.2	0.88	1,760	1,453.2	0.83	1,174	957.2	0.82	717	592.8	0.83	623	604.3	0.97	166	107.7	0.65
Capital & Coast	2,977	2,551.9	0.86	1,262	1,176.4	0.93	838	733.2	0.87	697	605.9	0.87	506	418.5	0.83	647	631.3	0.98	100	75.4	0.75
Counties Manukau	3,427	3,009.8	0.88	1,542	1,360.7	0.88	1,291	1,150.8	0.89	1,145	996.2	0.87	643	600.8	0.93	474	465.3	0.98	237	180.4	0.76
Hawke's Bay	1,251	981.3	0.78	644	571.6	0.89	476	405.0	0.85	434	356.8	0.82	188	152.1	0.81	177	175.6	0.99	39	30.0	0.77
Hutt Valley	901	744.3	0.83	408	359.5	0.88	307	259.4	0.84	269	232.8	0.87	173	133.3	0.77	11	10.6	0.96	54	37.1	0.69
Lakes	689	560.4	0.81	328	289.4	0.88	220	187.3	0.85	178	152.6	0.86	106	89.5	0.84	91	89.1	0.98	31	20.5	0.66
MidCentral	1,344	1,092.3	0.81	525	476.8	0.91	454	392.0	0.86	346	279.8	0.81	182	159.4	0.88	194	191.8	0.99	56	37.6	0.67
National Payrolls	0	0.0	0.00	4,029	3,925.7	0.97	0	0.0	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.00	0	0.0	0.00
Nelson Marlborough	935	771.1	0.82	601	514.1	0.86	379	333.9	0.88	541	408.4	0.75	177	145.4	0.82	118	120.4	1.02	50	39.4	0.79
Northland	1,601	1,260.8	0.79	690	599.1	0.87	558	477.4	0.86	632	465.8	0.74	258	240.3	0.93	177	170.0	0.96	104	57.1	0.55
South Canterbury	384	312.2	0.81	153	127.5	0.83	121	98.7	0.82	97	73.7	0.76	64	52.5	0.82	35	33.9	0.97	19	14.7	0.77
Southern	2,440	1,981.5	0.81	964	861.4	0.89	781	662.9	0.85	555	446.9	0.81	364	312.4	0.86	366	356.4	0.97	86	60.0	0.70
Tairāwhiti	420	338.2	0.81	239	213.3	0.89	135	111.2	0.82	122	107.6	0.88	58	52.3	0.90	29	28.8	0.99	21	13.9	0.66
Taranaki	845	660.8	0.78	451	395.8	0.88	303	247.0	0.82	243	197.5	0.81	159	135.4	0.85	94	93.0	0.99	33	24.3	0.74
Waikato	3,456	2,950.1	0.85	1,602	1,440.7	0.90	1,128	984.3	0.87	1,070	912.6	0.85	523	458.7	0.88	508	495.3	0.98	110	77.8	0.71
Wairarapa	287	215.4	0.75	113	95.8	0.85	69	53.4	0.77	74	50.1	0.68	25	21.1	0.84	0	0.0	0.00	19	13.6	0.72
Waitemata	3,150	2,705.2	0.86	1,436	1,231.5	0.86	1,446	1,250.7	0.86	1,229	1,092.8	0.89	600	544.3	0.91	371	361.4	0.97	186	108.3	0.58
West Coast	308	259.4	0.84	220	185.3	0.84	84	74.5	0.89	134	102.5	0.76	48	37.2	0.78	11	10.6	0.96	14	10.9	0.78
Whanganui	498	397.0	0.80	198	179.5	0.91	150	125.8	0.84	135	113.5	0.84	52	46.9	0.90	44	44.0	1.00	30	22.7	0.76
Total	35,198	29,471.3	0.78	20,414	18,495.4	0.89	13,331	11,517.7	0.81	10,485	8,827.2	0.78	6,360	5,466.7	0.81	4,861	4,760.4	0.89	1,624	1,135.9	0.68

TABLES AND CHARTS BY OCCUPATION GROUPING

EMPLOYEE COUNT AND FTE BY OCCUPATION GROUPING AND GENDER

The bars represent the distinct count (left hand axis) of employees by gender and occupation grouping, and the triangles represent the average FTE for those employees (right hand axis), also by gender and occupation grouping. As some employees may have roles across multiple Occupation Groups, they may be counted more than once in the group totals, but only once in the Grand Total row in Table 3.

Figure 2: Occupation group distinct employee count and mean FTE by gender



Table 3: Occupation group employee count and mean FTE by gender

Occupation Group	Female		Male		Another Gender		Total*	
	Employee Count	Mean FTE	Employee Count	Mean FTE	Employee Count	Mean FTE	Employee Count	Mean FTE
Nursing	30,689	0.83	4,482	0.90	10	0.85	35,198	0.84
Corporate and other	15,142	0.89	5,253	0.96	13	0.92	20,414	0.91
Allied and scientific	10,779	0.85	<2,550	0.93	<10	0.99	13,331	0.86
Care and support	<7,740	0.83	<2,750	0.88	<10	0.78	10,485	0.84
SMO	<2,760	0.83	3,604	0.88	<10	0.90	6,360	0.86
RMO	<2,720	0.97	<2,140	0.99	<10	0.90	4,861	0.98
Midwifery	<1,620	0.70	<10	0.77	<10	0.90	1,624	0.70
Total	71,425	0.84	20,768	0.90	45	0.89	92,178	0.86

*The sum of columns in the table do not add up to the total column because the gender breakdowns exclude employees with no data available and those reported as gender 'Not Stated'.

EMPLOYEE COUNT BY OCCUPATION GROUP AND ETHNICITY

This chart shows the proportion (not the actual count of employees) of ethnicities reported within each occupation group. The table below details the distinct count of employees for whom an ethnicity was reported. As some employees may have roles across multiple Occupation Groups, they may be counted more than once in the group totals, but only once in the Grand Total row in Table 4.

The pie chart, on the next page, shows the distribution of all reported ethnicities for all Health NZ employees.

Figure 3 Proportion of ethnicities by occupation group

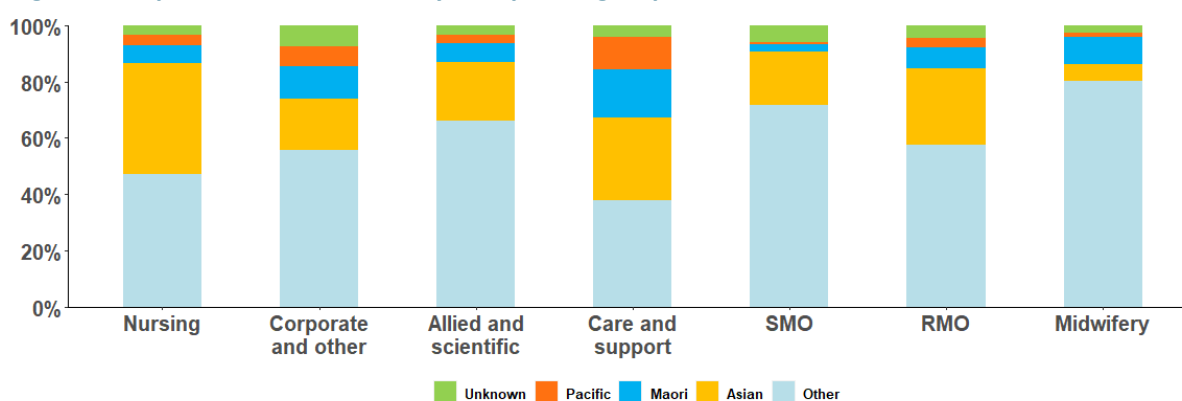


Table 4: Employee Count and proportion of ethnicities by occupation group

Occupation Group	Other*		Asian		Māori		Pacific		Unknown		Total
	Count	Proportion	Count	Proportion	Count	Proportion	Count	Proportion	Count	Proportion	
Nursing	16,559	47.0%	13,870	39.4%	2,287	6.5%	1,303	3.7%	1,179	3.3%	35,198
Corporate and other	11,367	55.7%	3,700	18.1%	2,350	11.5%	1,436	7.0%	1,561	7.6%	20,414
Allied and scientific	8,829	66.2%	2,764	20.7%	865	6.5%	427	3.2%	446	3.3%	13,331
Care and support	3,985	38.0%	3,077	29.3%	1,784	17.0%	1,193	11.4%	446	4.3%	10,485
SMO	4,548	71.5%	1,214	19.1%	158	2.5%	56	0.9%	384	6.0%	6,360
RMO	2,790	57.4%	1,321	27.2%	367	7.5%	163	3.4%	220	4.5%	4,861
Midwifery	1,301	80.1%	100	6.2%	154	9.5%	26	1.6%	43	2.6%	1,624
Total	49,310	53.5%	26,035	28.2%	7,957	8.6%	4,603	5.0%	4,273	4.6%	92,178

*'Other' is a group amalgamation of all ethnicities that do not fall into the groups Asian, Māori or Pacific. Employee counts in the Grand Total line are slightly lower than the sum of the Occupation Groups, as some individuals may be represented in more than one Occupation Group

This pie chart is based on the 87,905 permanent distinct employees who declared their ethnicity as Asian, Māori, Pacific or Other. Below this is a similar pie chart of ethnicity proportions in the New Zealand population based on projections of population data by Statistics New Zealand for 30 September 2024.

Figure 4: Proportion of identifiable ethnicities for all Health NZ employees

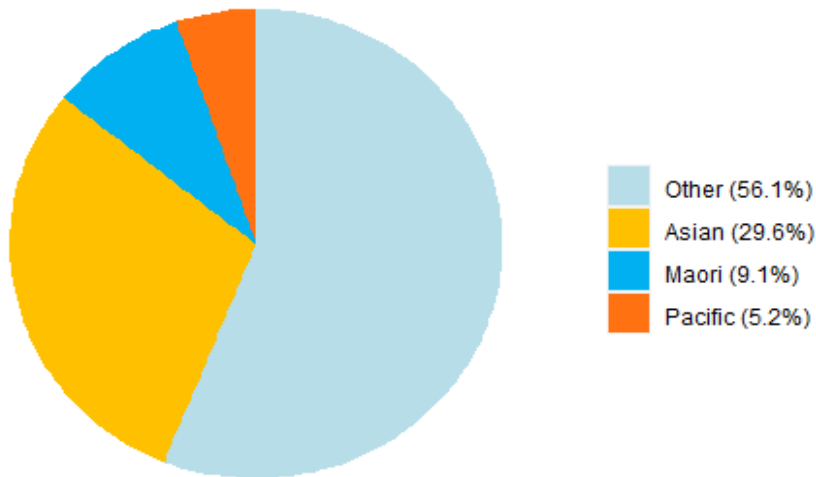
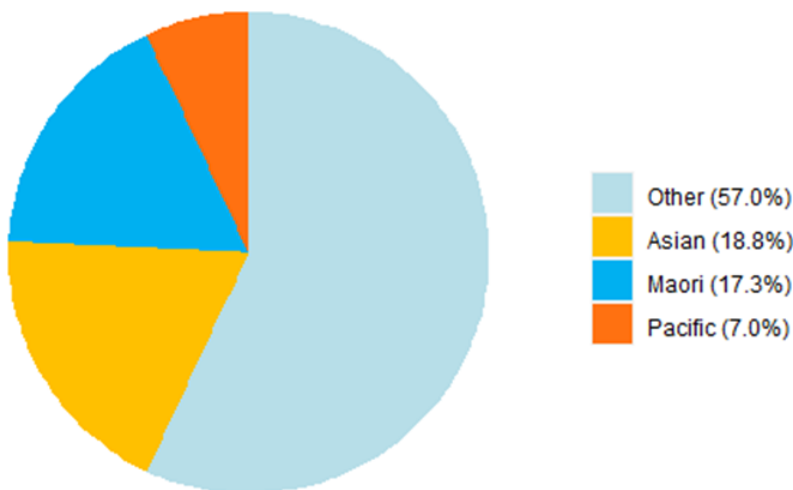


Figure 5: Proportion of identifiable ethnicities for projected population data at 30 September 2024



AGES AND LENGTH OF SERVICE

National Payrolls data is not included in the following figures and tables.

The bars in this chart show the average age (left hand axis) for each occupation group by gender. The triangles represent the average length of service (right hand axis), also by occupation group and gender. The following table gives the actual figures behind the chart.

Figure 6: Mean ages and length of service by occupation group and gender

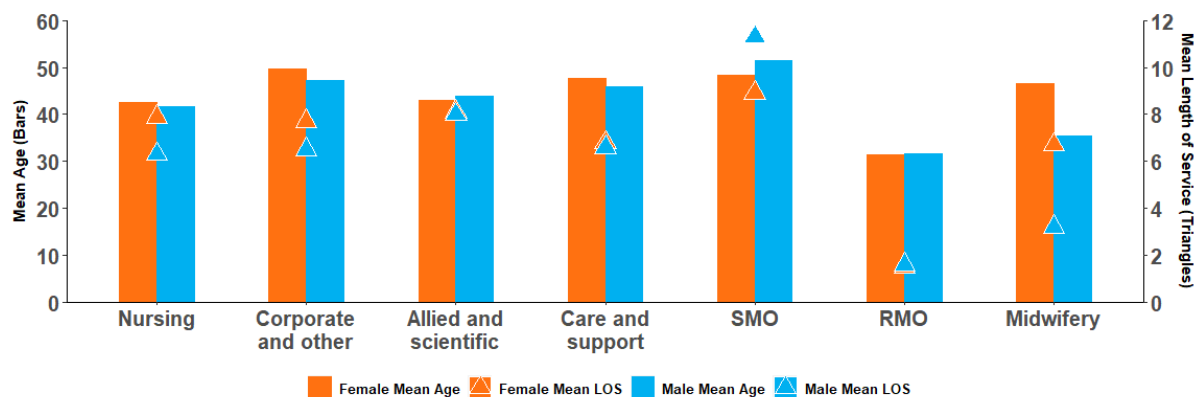


Table 5: Mean ages and length of service by occupation group and gender

Occupation Group	Female		Male		Total	
	Mean Age	Mean Length of Service	Mean Age	Mean Length of Service	Mean Age	Mean Length of Service
Nursing	42.6	7.9	41.6	6.3	42.5	7.7
Corporate and other	49.7	7.7	47.2	6.5	49.1	7.4
Allied and scientific	43.1	8.1	43.8	8.0	43.3	8.1
Care and support	47.7	6.8	45.8	6.6	47.2	6.7
SMO	48.4	8.9	51.4	11.3	50.1	10.2
RMO	31.3	1.5	31.7	1.6	31.5	1.5
Midwifery	46.5	6.7	35.4	3.2	46.4	6.7
Total	44.6	7.5	44.5	7.0	44.6	7.4

TABLES AND CHARTS BY DISTRICT INCLUDING NATIONAL PAYROLLS

This section looks at the same statistics given in the first section but broken down by District rather than occupation group. Page 7 has a table of figures for FTE and headcount which looks at both District and occupation grouping.

EMPLOYEE COUNT AND MEAN FTE BY GENDER

This chart examines the distinct count of employees by gender and District (left hand axis). The Districts have been ordered in descending size of total employee count. The right-hand axis refers to the mean FTE for all positions (by District and gender). The following table shows the employee count and mean FTE by gender for each District. Staff identified as Another Gender have not been included in these charts, due to the overall low numbers of people.

Figure 7: Employee Count and mean FTE by gender

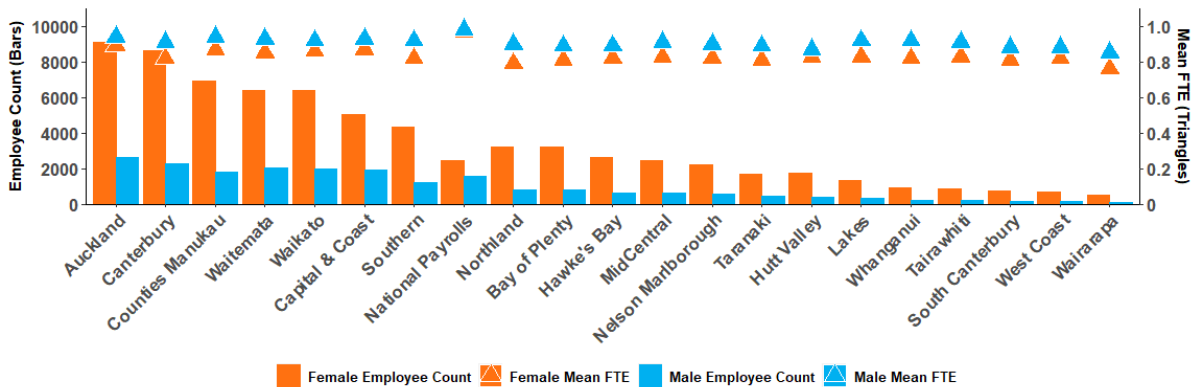


Table 6: Employee Count and mean FTE by gender

Health New Zealand (Health NZ)	Female		Male		Total	
	Employee Count	Mean FTE	Employee Count	Mean FTE	Employee Count	Mean FTE
Auckland	9,108	0.89	2,646	0.94	11,758	0.90
Canterbury	8,621	0.82	2,258	0.91	10,886	0.84
Counties Manukau	6,929	0.87	1,817	0.94	8,749	0.89
Waitemata	6,384	0.85	2,032	0.93	8,418	0.87
Waikato	6,424	0.86	1,970	0.92	8,394	0.87
Capital & Coast	5,046	0.87	1,936	0.93	6,999	0.88
Southern	4,307	0.82	1,242	0.92	5,556	0.84
National Payrolls	2,445	0.97	1,576	0.98	4,029	0.97
Northland	3,202	0.79	818	0.90	4,020	0.81
Bay of Plenty	3,208	0.81	775	0.89	3,984	0.83
Hawke's Bay	2,605	0.82	596	0.89	3,204	0.83
MidCentral	2,465	0.83	636	0.91	3,101	0.85
Nelson Marlborough	2,209	0.82	578	0.90	2,787	0.84
Taranaki	1,669	0.81	428	0.89	2,123	0.83
Hutt Valley	1,747	0.83	375	0.87	2,122	0.84
Lakes	1,312	0.83	331	0.92	1,643	0.85
Whanganui	910	0.82	195	0.92	1,107	0.84
Tairāwhiti	835	0.83	189	0.91	1,024	0.85
South Canterbury	734	0.81	137	0.88	871	0.82
West Coast	668	0.82	151	0.88	819	0.83
Wairarapa	517	0.76	67	0.85	584	0.77

MEAN AGES AND MEAN LENGTH OF SERVICE BY DISTRICT AND GENDER

National Payrolls data is not included in the following figures and tables.

This chart shows the mean age of employees in each District by gender (left hand axis) and has been ordered by descending mean age. The triangles represent the mean length of service (right hand axis) by gender and District. This has been calculated on an employee count basis, using the maximum reported length of service for each individual staff member across all relevant roles.

National Payrolls data is not included in the following figures and tables.

Figure 8: Mean ages and mean length of service by District and gender

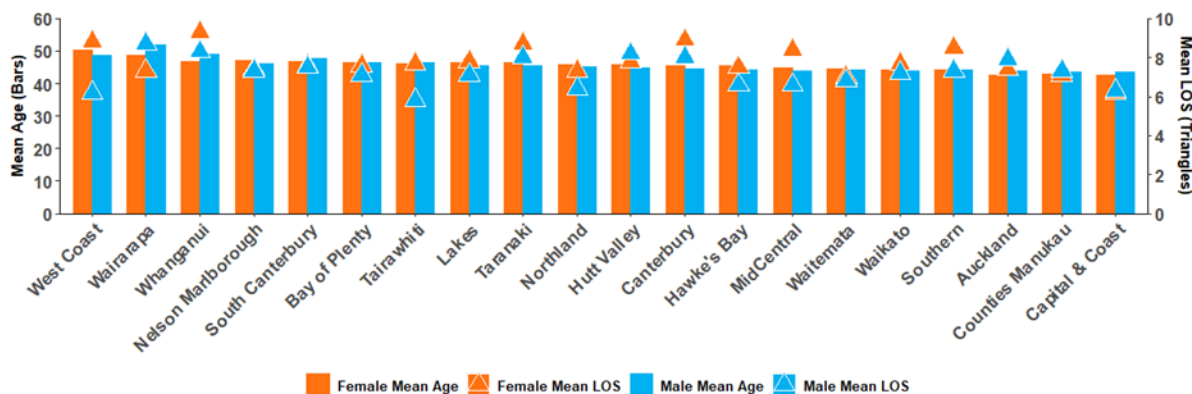


Table 7: Mean ages and mean length of service by District and gender

District	Female		Male		Total	
	Mean Age	Mean Length of Service	Mean Age	Mean Length of Service	Mean Age	Mean Length of Service
West Coast	50.4	8.8	48.6	6.2	50.0	8.3
Wairarapa	48.6	7.2	51.8	9.3	49.0	7.5
Whanganui	46.9	9.3	49.0	8.3	47.3	9.1
Nelson Marlborough	47.1	7.4	46.2	7.3	46.9	7.4
South Canterbury	46.7	7.7	47.8	7.4	46.8	7.6
Bay of Plenty	46.4	7.6	46.4	7.1	46.4	7.5
Tairāwhiti	46.2	7.7	46.4	5.8	46.2	7.4
Lakes	46.3	7.8	45.6	7.1	46.1	7.7
Taranaki	46.4	8.7	45.5	8.0	46.1	8.5
Northland	45.8	7.3	45.2	6.4	45.7	7.1
Hutt Valley	45.7	7.9	44.7	8.2	45.5	7.9
Canterbury	45.5	8.9	44.5	8.0	45.3	8.7
Hawke's Bay	45.6	7.6	44.3	6.6	45.3	7.4
MidCentral	45.0	8.4	43.8	6.6	44.7	8.1
Waitemata	44.6	7.0	44.2	6.8	44.5	7.0
Waikato	44.2	7.7	44.0	7.2	44.2	7.6
Southern	44.1	8.5	44.2	7.3	44.1	8.2
Auckland	42.7	7.4	43.9	7.9	43.0	7.5
Counties Manukau	42.8	7.1	43.4	7.2	43.0	7.1
Capital & Coast	42.6	6.2	43.5	6.2	42.8	6.2
Total	44.6	7.5	44.5	7	44.6	7.4

ETHNICITIES BY DISTRICT INCLUDING NATIONAL PAYROLLS

The following chart shows the proportion of ethnicities within each District employee population (ordered by descending proportion of 'unknown' ethnicities). It does not represent the actual number of people by each ethnicity; this is detailed in the table further below.

Figure 9: Proportion of reported ethnicities by District and National Payrolls

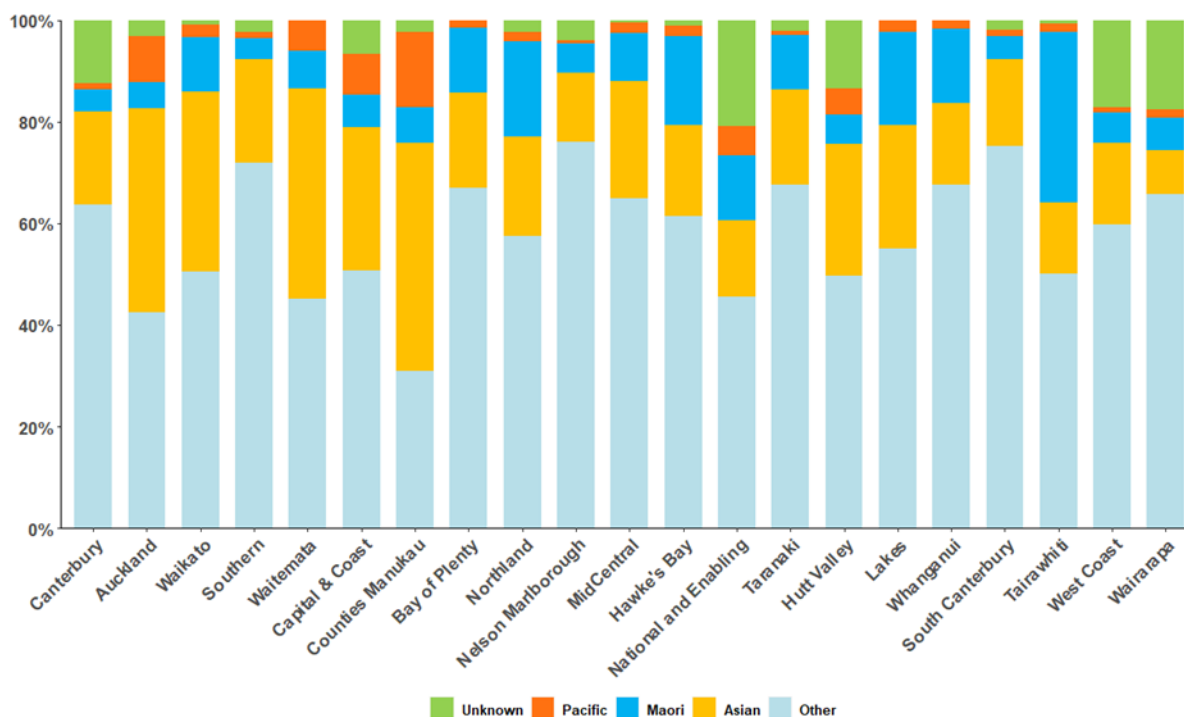


Table 8: Distribution of reported ethnicities by Employee Count

Health New Zealand (Health NZ)	Other*	Asian	Māori	Pacific	Unknown	Total
Canterbury	6,924	2,005	462	156	1,339	10,886
Auckland	4,986	4,723	613	1,056	380	11,758
Waikato	4,241	2,973	905	199	76	8,394
Southern	3,992	1,140	222	77	125	5,556
Waitemata	3,795	3,496	612	515	0	8,418
Capital & Coast	3,554	1,969	446	563	467	6,999
Counties Manukau	2,711	3,920	620	1,297	201	8,749
Bay of Plenty	2,673	747	504	60	0	3,984
Northland	2,312	787	755	71	95	4,020
Nelson Marlborough	2,122	374	162	21	108	2,787
MidCentral	2,015	717	294	61	14	3,101
Hawke's Bay	1,965	576	563	63	37	3,204
National Payrolls	1,835	607	517	232	838	4,029
Taranaki	1,435	399	226	20	43	2,123
Hutt Valley	1,055	549	123	111	284	2,122
Lakes	904	400	302	37	0	1,643
Whanganui	748	179	162	18	0	1,107
South Canterbury	656	148	39	<15	<20	871
Tairāwhiti	513	143	344	<20	<10	1,024
West Coast	490	132	<50	<10	140	819
Wairarapa	384	51	<40	<15	102	584
Total	49,310	26,035	7,957	4,603	4,273	92,178

*'Other' is a group amalgamation of all ethnicities that do not fall into the groups Asian, Māori or Pacific.

**Totals may not add as some individuals are associated with more than one ethnicity

ANALYSIS BY DISTRICT AND OCCUPATION GROUP

LENGTH OF SERVICE BY OCCUPATION GROUP AND DISTRICT

National Payrolls data is not included in the following figures and tables.

The following table shows the mean length of service for each occupation group by District. To read this table, look at the occupation column. The green colours represent a longer than national average length of service, the yellow colours are close to the national average while red colours are lower than the national average. The final column (all staff) has ordered the Districts by longer to shorter lengths of service. Length of service is based on reported time employed in the current position, so if an employee is reported with multiple positions, this metric picks up the maximum length of service across their positions.

Figure 10: Mean length of service by occupation group and District

District	Nursing	Corporate and other	Allied and scientific	Care and support	SMO	RMO	Midwifery	All staff
Whanganui	9.6	9.1	10.1	8.0	10.4	1.6	8.8	9.1
Canterbury	9.1	8.4	9.7	8.3	11.7	2.4	7.4	8.7
Taranaki	9.0	9.4	8.3	8.1	8.3	1.6	7.4	8.4
West Coast	8.7	7.8	8.4	9.4	6.5	2.3	7.5	8.3
Southern	8.7	8.7	8.7	6.5	10.8	2.6	6.2	8.2
MidCentral	8.9	9.0	8.8	5.3	10.1	1.4	7.2	8.1
Hutt Valley	7.3	9.2	7.8	7.8	9.7	0.9	5.4	7.9
South Canterbury	8.3	8.8	7.2	6.9	8.5	1.2	4.0	7.7
Lakes	8.7	8.6	7.2	4.9	9.1	1.1	6.9	7.7
Wairarapa	7.7	7.4	8.5	6.5	10.0	0.0	5.4	7.6
Auckland	7.2	8.2	8.2	7.6	10.7	0.7	6.7	7.6
Waikato	7.6	9.0	8.1	6.2	10.6	2.1	7.3	7.6
Hawke's Bay	8.1	8.1	8.2	6.0	9.4	1.5	10.0	7.6
Bay of Plenty	8.2	8.3	7.4	6.2	9.0	1.5	7.1	7.5
Nelson Marlborough	7.7	7.9	7.7	6.8	10.6	1.3	6.7	7.5
Tairāwhiti	8.8	6.6	7.2	5.9	6.5	1.1	7.1	7.4
Counties Manukau	6.8	8.8	7.1	6.8	11.1	0.7	6.7	7.2
Northland	7.6	8.9	7.4	4.8	8.7	1.6	5.9	7.1
Waitematā	6.6	7.5	7.8	6.5	10.6	0.7	6.1	7.0
Capital & Coast	6.4	7.1	6.6	6.0	9.9	1.6	6.7	6.4
Grand Total	7.8	8.3	8.1	6.7	10.3	1.5	6.8	7.6

*Wairarapa and Hutt Valley are moving away from directly employing RMOs and will in future use RMOs that are employed by Capital and Coast.

ANALYSIS BY SICK LEAVE & ANNUAL LEAVE

SICK LEAVE BY DISTRICT INCLUDING NATIONAL PAYROLLS, OCCUPATION GROUP, AGE GROUP AND ETHNICITY BY GENDER

The following radar chart shows the dispersion of sick leave by looking at the average annualised sick leave hours per contracted FTE. It is based on all contracted employees not on long term leave and excluding those who commenced employment during the reporting quarter, regardless of the amount of sick leave taken during this reporting quarter. The process of annualising the quarter's reported sick leave hours may amplify the impact of outlier events, whether these are negative values (reported to correct an over-statement in a previous quarter) or a potential over-reporting, where a person reportedly took more sick leave than we would expect them to have worked based on their contracted FTE.

To read this graph, the blue line indicates the median (50%) sick leave hours per FTE; i.e. 50% of staff took sick leave hours (per FTE) at or below this value. The yellow line indicates the 3rd quartile (75%) sick leave hours per FTE; i.e. 75% of staff took sick leave hours (per FTE) at or below this value. The order of least sick leave hours per FTE to the most sick leave hours per FTE taken runs clockwise from 12 o'clock.

For example, the data for MidCentral shows that (if the September quarter is indicative) 50% of staff would have taken 96 hours sick leave or less (note comments on negative sick leave values above) per FTE over the course of a year, and 75% of staff would have taken 177.8 hours or less of sick leave per FTE over the course of a year.

Figure 11: Average annualized sick leave hours per FTE

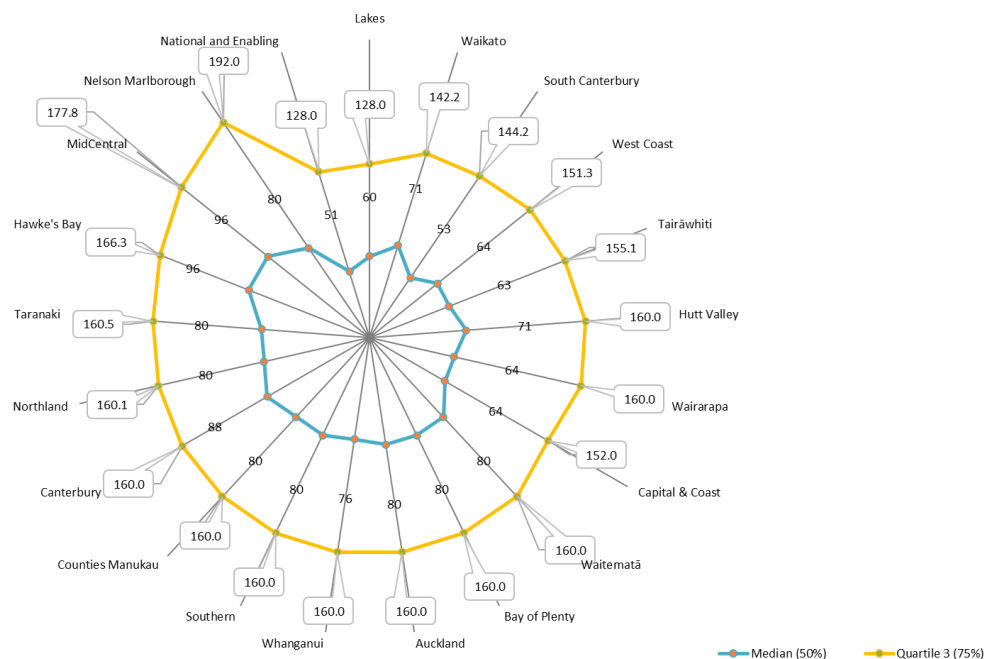


Figure 12: Average annual sick leave hours per FTE by occupational group

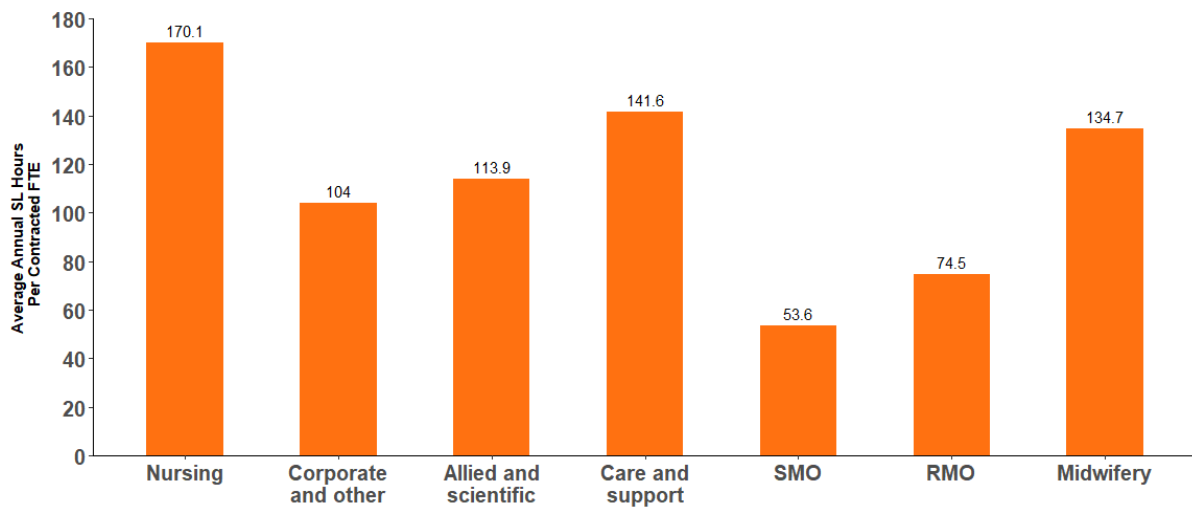


Figure 13: Average annual sick leave hours per FTE by age group by gender

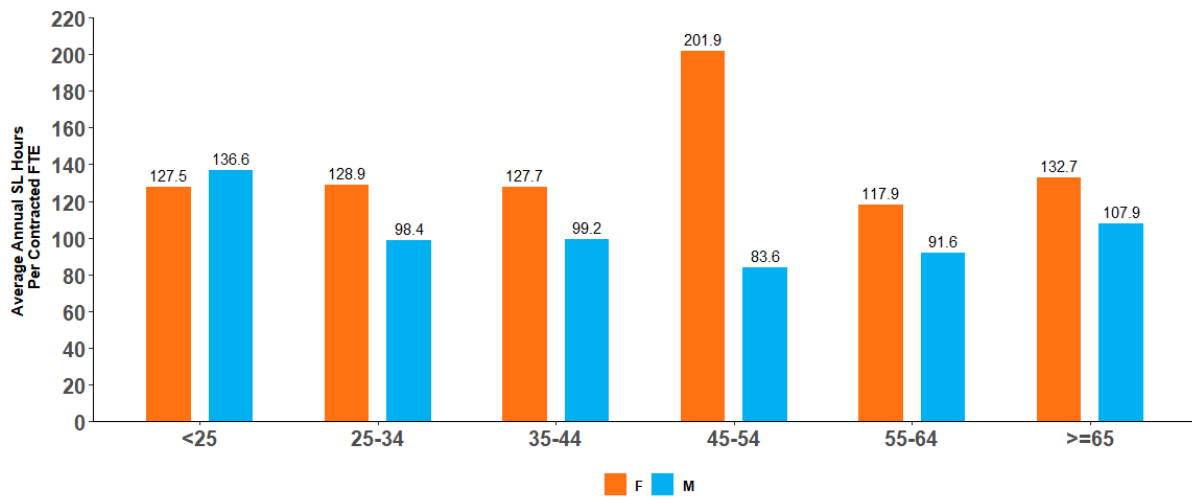
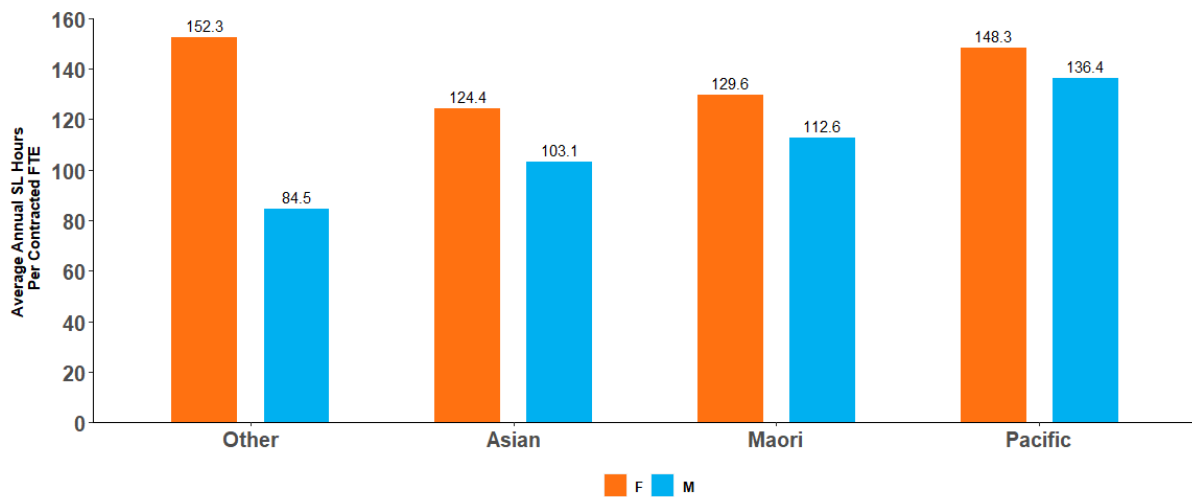


Figure 14: Average annual sick leave hours per FTE by ethnicity by gender



RATIO OF ANNUAL LEAVE BALANCE AND ANNUAL LEAVE ENTITLEMENT BY DISTRICT INCLUDING NATIONAL PAYROLLS, OCCUPATION GROUP AND ETHNICITY BY GENDER

In the first chart, the bars represent the ratios of annual leave balance to annual leave entitlement and the blue dotted line represents the national average. For example, a value of 100% means that on average the Health NZ employees have an annual leave balance equal to their annual leave entitlement. The chart shows that for the first sixteen Districts, on average their employees have more annual leave balance than annual leave entitlement.

The other two charts on page 19 display the ratio of annual leave balance to entitlement per FTE at the national level, grouped by both Occupation Group and Ethnicity (with gender split).

Figure 15: Ratio of annual leave balance to annual leave entitlement hours per FTE

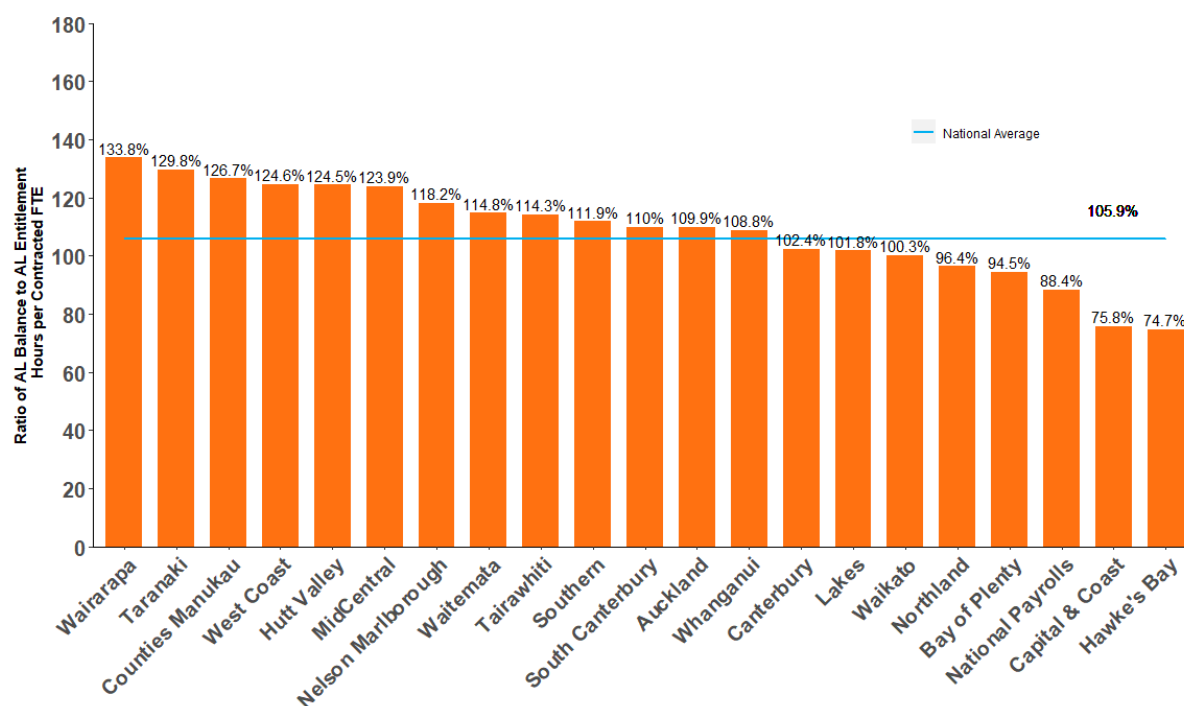


Figure 16: Ratio of annual leave balance to annual leave entitlement hours per FTE by occupational group

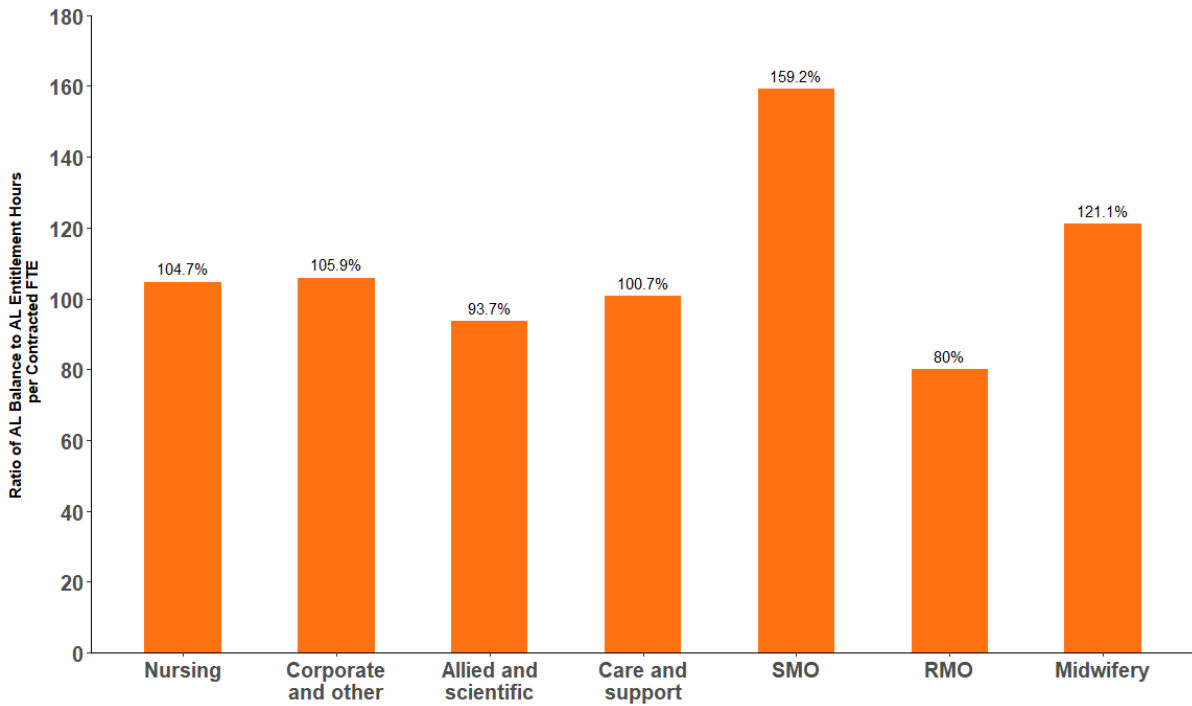
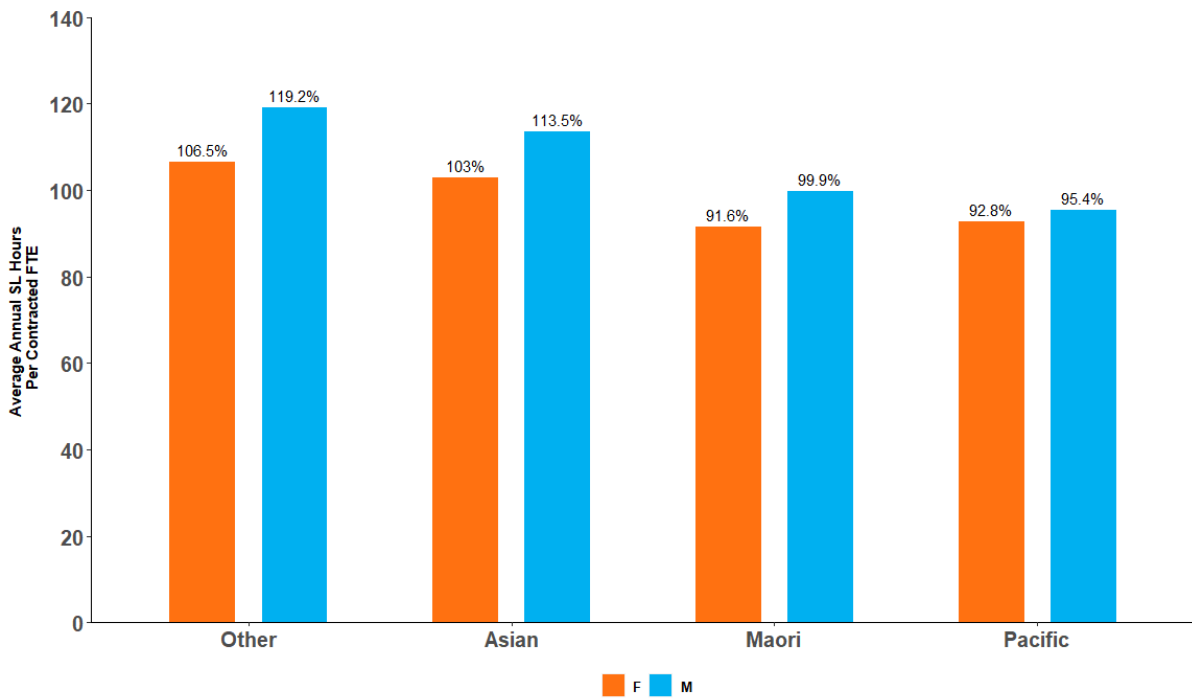


Figure 17: Ratio of annual leave balance to annual leave entitlement hours per FTE by ethnicity by gender



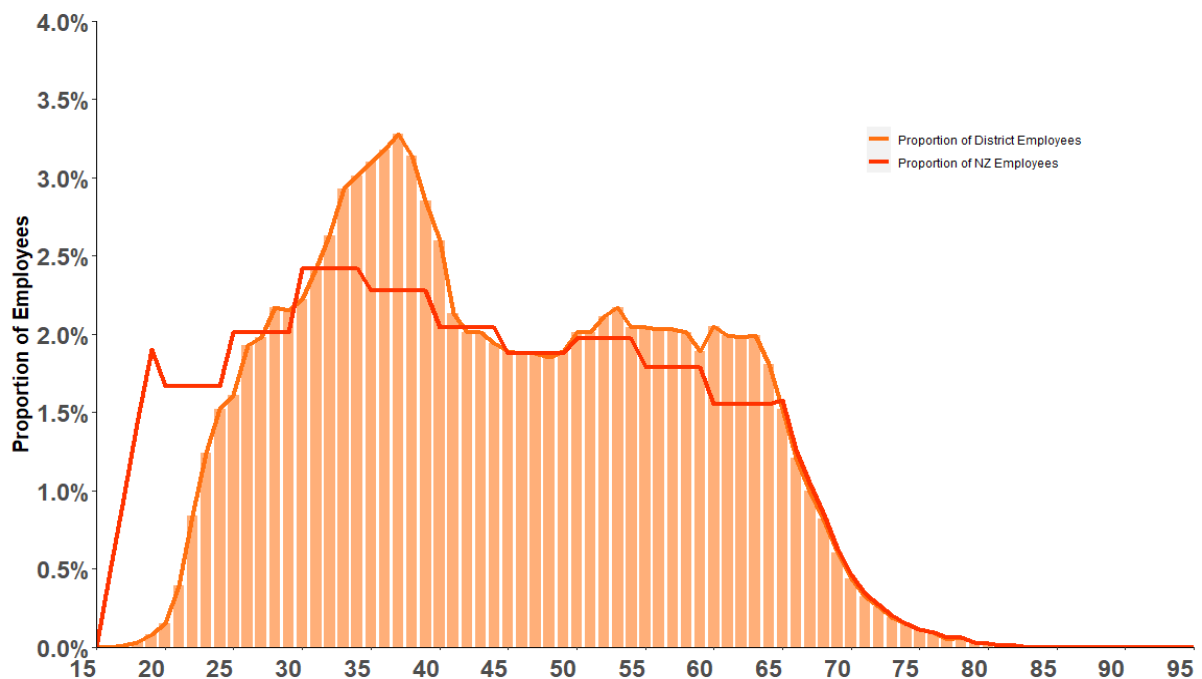
ANALYSIS BY POPULATION

DISTRIBUTION OF OVERALL DISTRICT EMPLOYEES BY AGE, WITH NATIONAL EMPLOYEE DATA

National Payrolls data is excluded from the analysis by population as there is no specific population associated with the National Payrolls.

The following chart shows the distribution of ages of District employees (histogram with light orange outline). The District employee distribution is on a position basis. The staggered dark orange line is the distribution of all New Zealand employees for the September 2024 quarter as reported in the Household Labour Force Survey (HLFS) by Statistics New Zealand.

Figure 18: Distribution of overall District employees by age, with national employee data



ETHNIC REPRESENTATION OF WORKFORCE TO RESIDENT POPULATION

The following charts look at the ethnic representation of District staff to the resident population.

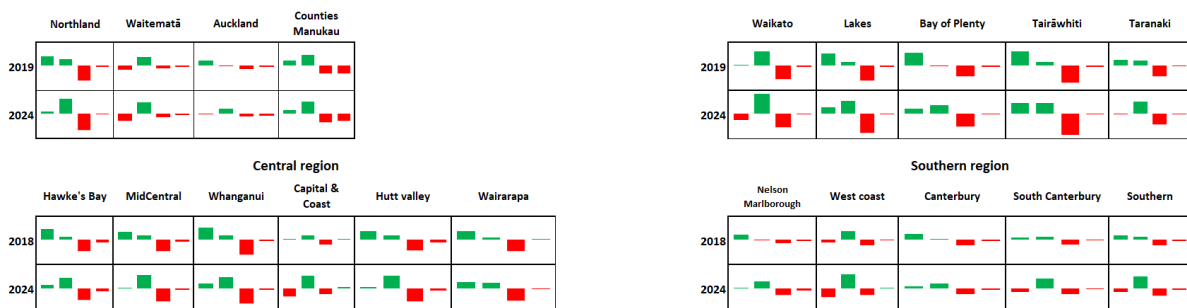
The calculations look at the percentage of staff with a known ethnicity and compare it to the percentage of District residents with a known ethnicity. This latter data has been interpolated from data produced by Statistics New Zealand and is representative for the quarter being reported on. The proportion of staff with a known ethnicity this quarter is 99.1 percent, compared to 92.4 percent in June 2018. This comparison is on a position count level, as we do not have comparable distinct employee counts for 2018.

The four ethnicity groups used are: Other, Asian, Māori and Pacific – ‘Other’ is an amalgamation of all other ethnicities but is primarily European including the ‘New Zealander’ ethnicity. Throughout these charts this is the order of presentation.

When a bar on a chart is green it means the proportion of that ethnicity in the District workforce is greater than the population. If a bar is red then the proportion of the District workforce is less than that of the resident population. All charts use the same axis scale (as these are spark lines the numbers are not written against the axes), which range from -24% to +25% - so comparisons between Districts are possible. The data for 2018 has also been added to show any changes over the last six years.

It is important to note that some Districts have very small counts by ethnicity; for example, West Coast has a very low number of employees who have identified their ethnicity as Pacific. This means the data can be quite volatile. Also, those Districts that are heavily weighted towards a particular ethnicity in their population such as Pacific people in Counties Manukau or Māori in Waikato, will tend to show greater deviations between the District workforce ethnicities and the resident population.

For some Districts the ethnic distribution of their staff closely mirrors that of the resident population, such as Auckland. Nationally, the distributions have changed only slightly between 2019 and 2024; the ‘Other’ ethnicities have reduced closer to zero (from eight down to two percentage points difference), whereas Māori and Pacific have less under-representation (from negative nine to negative eight, and negative 2.5 to negative 1.2, percentage points difference, respectively).



Note: The four bars are ordered as: Other, Asian, Māori and Pacific

POPULATION DENSITY BY OCCUPATIONAL GROUP AND DISTRICT

This section looks at the number of staff per resident population. Staff numbers are contracted FTE figures and they are compared to every 100,000 resident population. Midwives has been compared to the fertile female population (aged 15-49). The important factor to consider in this section is that each District may have different models of care (the way services are delivered to the population). For example, only six Districts provide radiation therapy services, so they may appear to have more staff per head of population but they are actually serving the population from many other Districts.

Figure 19: Population density of Nurses by District

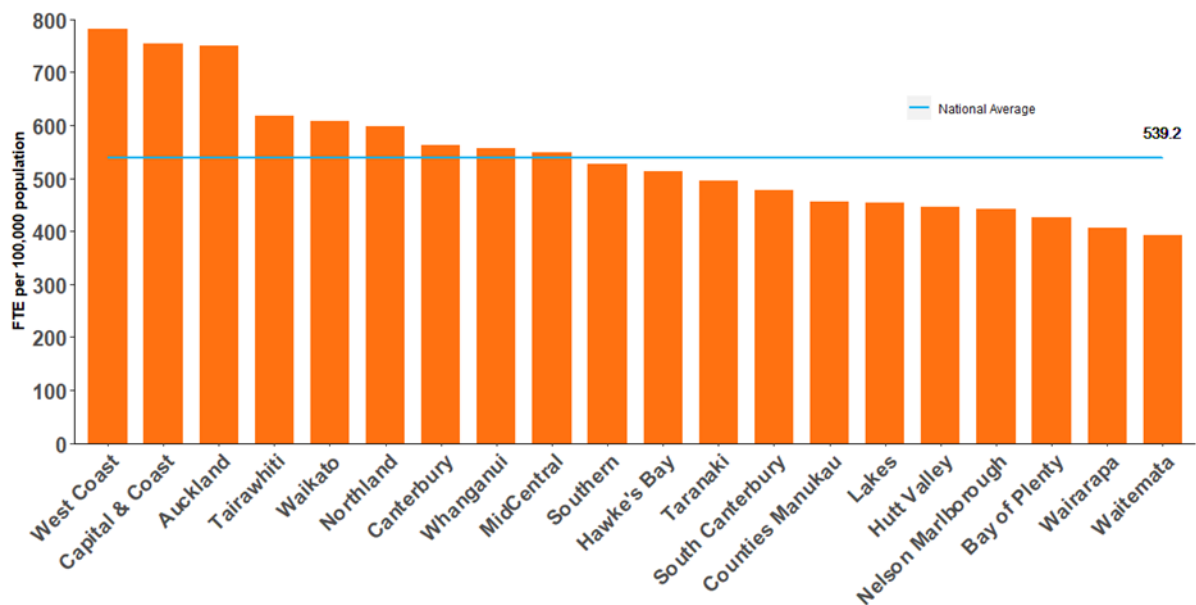


Figure 20: Population density of Corporate & Other by District (excluding National Payroll data)

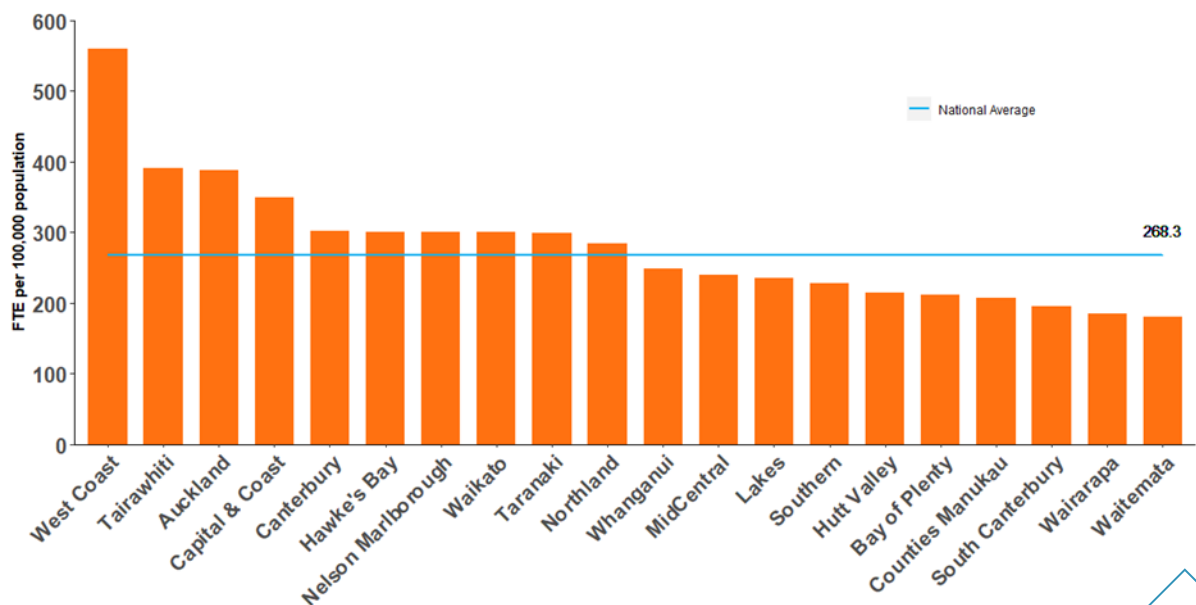


Figure 21: Population density of Allied & Scientific by District

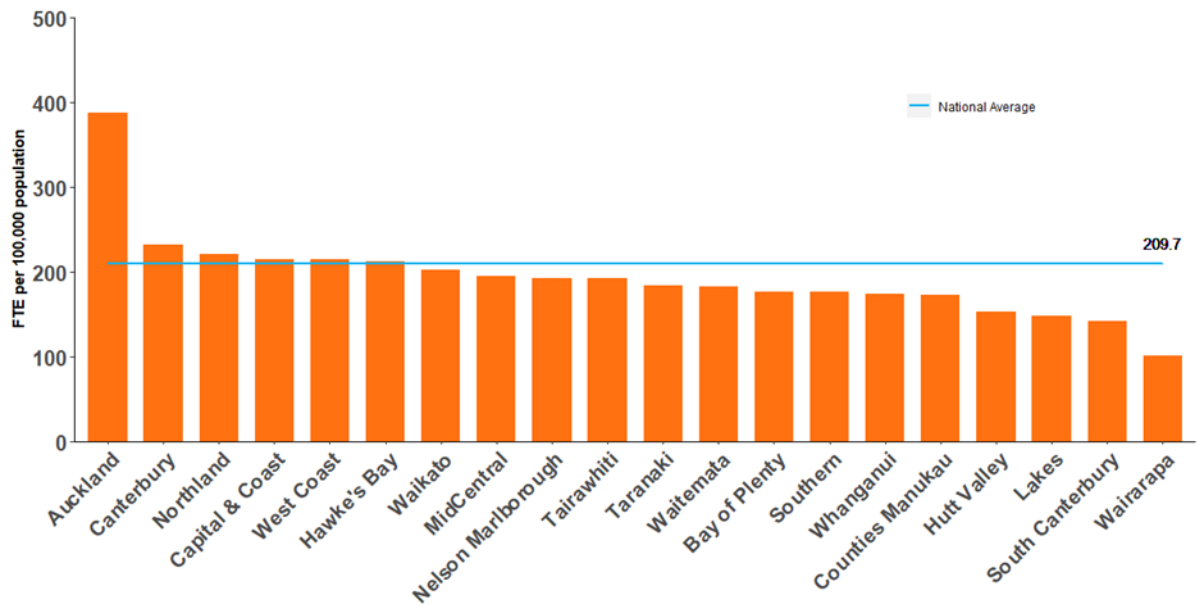


Figure 22: Population density of Care & Support by District

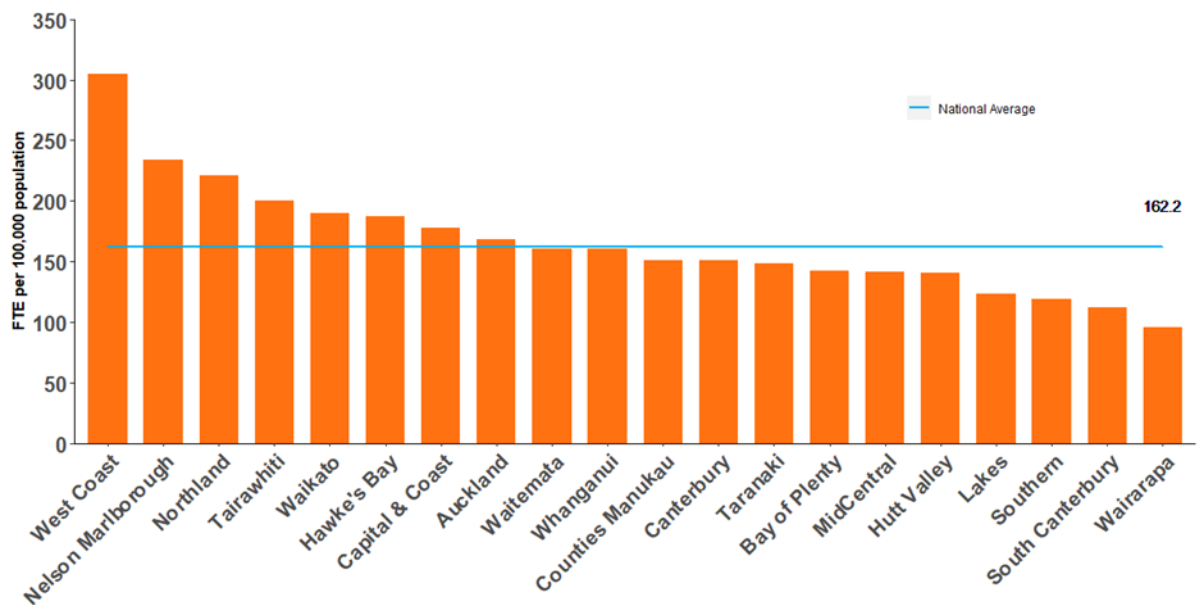


Figure 23: Population density of Senior Medical Officer (SMO) by District

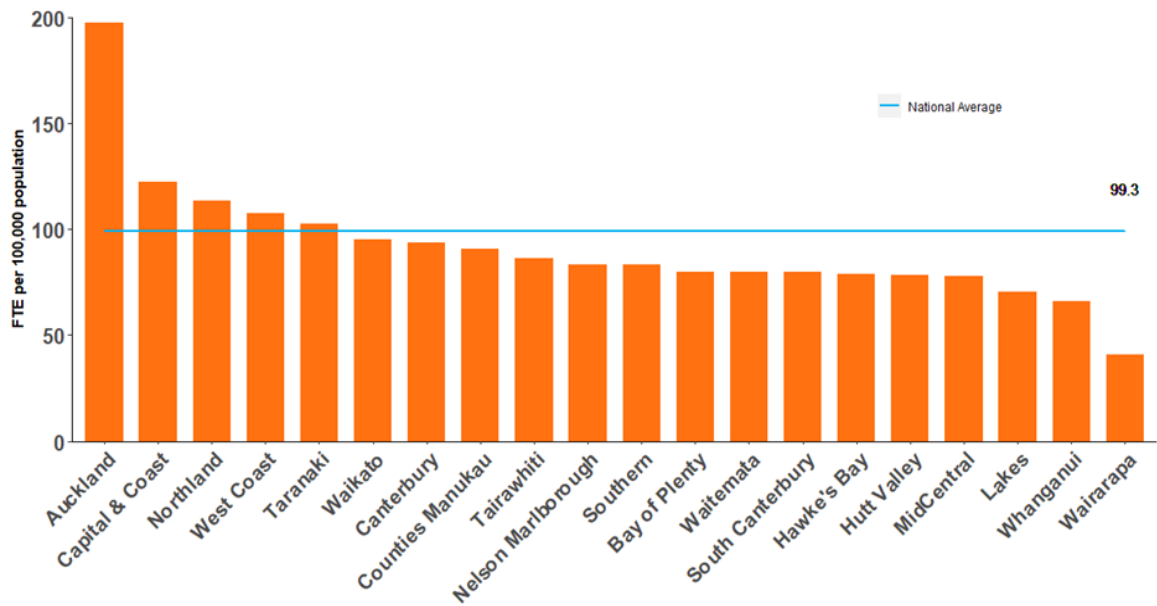
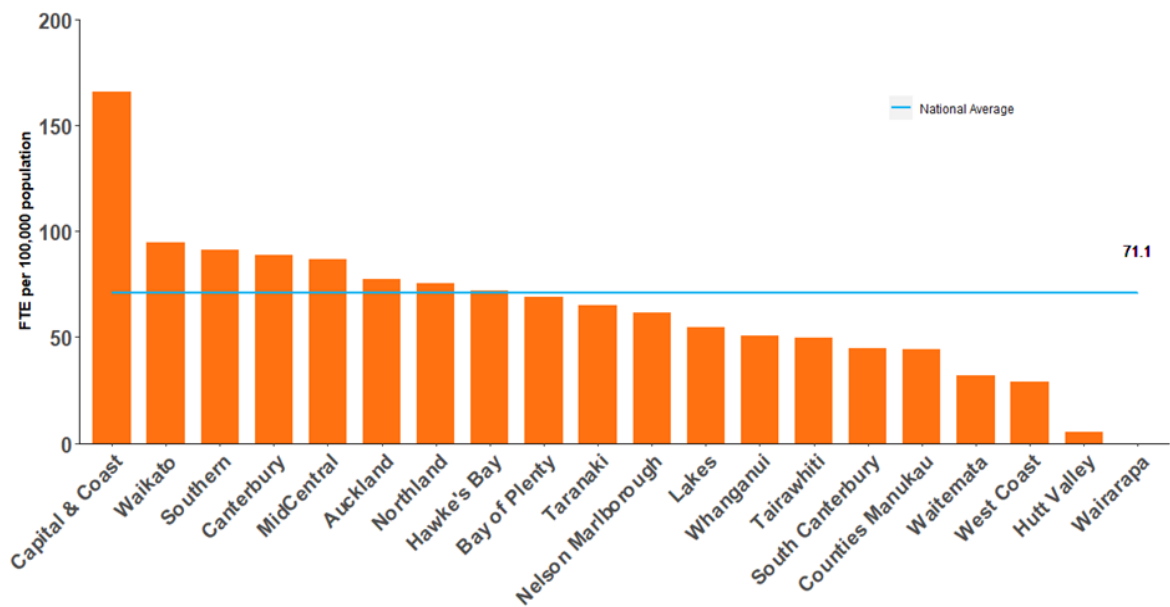


Figure 24: Population density of Resident Medical Officer (RMO) by District



*Wairarapa and Hutt Valley are moving away from directly employing RMOs and will in future use RMOs who are employed by Capital and Coast

Figure 25: Population density of Midwives by District

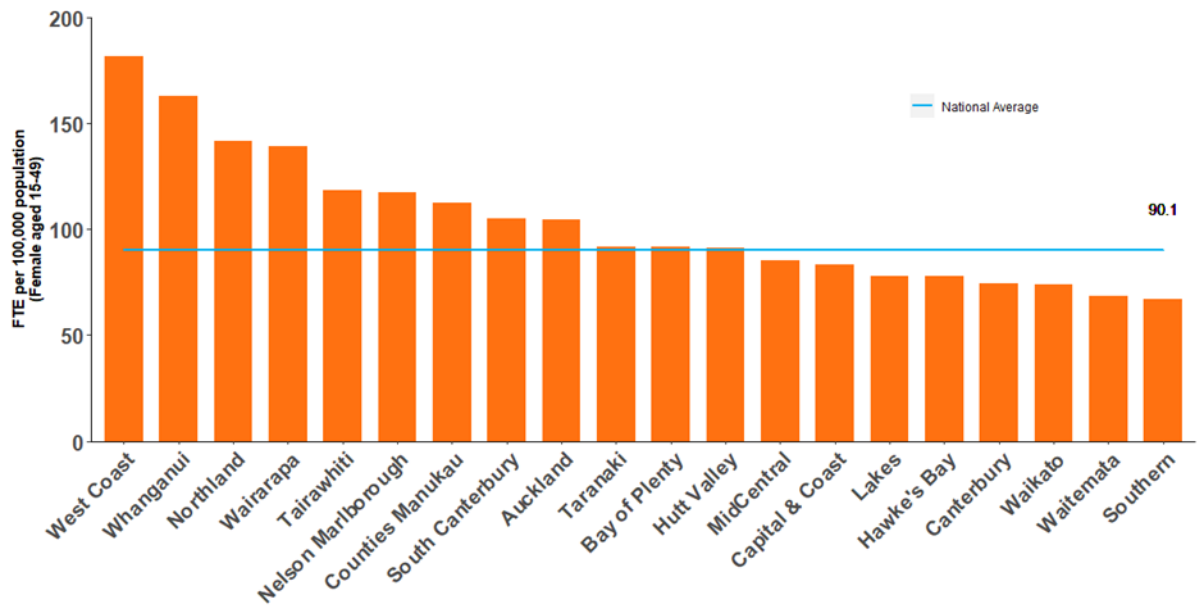


Figure 26: Population density of all District staff by District

