

Centre for Public Health Research, Massey University



WorkSafe Request for Proposals: Worker Exposure Survey Report

Part 1: Results from two large New Zealand workforce surveys conducted in 2004-2006 and 2009-2010

Dr Amanda Eng, Lucy Barnes, A/Prof Andrea 't Mannetje, Dr Dave McLean, A/Prof Ian Laird, Prof Jeroen Douwes

31 January 2018

EXECUTIVE SUMMARY

In November 2016, WorkSafe New Zealand (NZ) issued a Request for Proposals (RFP) for the delivery of a NZ Workforce Survey of self-reported occupational exposures. The purpose of the survey was to gather information across *all* industry groups and occupations in the NZ workforce to establish the prevalence of a wide range of occupational risk factors. The Centre for Public Health Research (CPHR) proposed a two-fold strategy to address the RFP requirements including: 1) a comprehensive report involving new analyses from two large existing workforce surveys conducted by CPHR in 2004-2006 and 2009-2010; and 2) A worker exposure survey in seven targeted occupational groups. This report refers to Part One of CPHR's response to the RFP.

All data presented in this report are based on the only two NZ general population workforce surveys that collected information on self-reported occupational exposures: the New Zealand Workforce Survey (NZWS; 3,003 participants from the general population) and the Māori NZWS (2,107 participants from the Māori general population). These workforce surveys were conducted by CPHR in 2004-2006 and 2009-2010, respectively. This report presents comprehensive tables grouped in three modules providing: 1) an overview of self-reported occupational exposures in the current job and control measures; 2) an exploration of any differences in these factors between demographic groups; and 3) an overview of self-reported exposure to specific agents, beyond the generic occupational exposure categories. The tables facilitate easy look-up of exposure prevalences by occupational group, industry group, and demographic group.

The results indicate that occupational exposures remain common in the NZ workforce and that the majority of these potentially hazardous occupational exposures were disproportionately experienced by workers in the 'manual' occupational groups i.e. the trades, agricultural, plant and machine operators and assemblers, and elementary occupational groups, with prevalence results that appear to be similar to overseas workforce surveys. The latter two occupational groups also had the highest prevalences of current smoking and obesity. Similarly, the majority of exposure to dust/chemical and physical factors were concentrated in the '*agriculture, forestry and fishing*', '*construction*' and '*manufacturing*' industries. There were also high prevalences of working long and irregular hours in the '*transport and storage*' and '*accommodation, cafes and restaurants*' industries. Whilst the burden of occupational risk factors was concentrated in certain high-risk groups, exposures also occurred in other occupational groups not traditionally associated with hazardous

exposures. For example, about one in five workers in the non-manual occupational groups reported exposure to dust.

Self-reported personal protective equipment (PPE) use was generally high; however, use for relevant exposures was low (e.g. of those participants exposed to loud noise, only 30-40% reported using hearing protection at work).

The data also indicate that there were substantial differences in occupational exposure prevalence between men and women and Māori and non-Māori workers. In particular, Māori were more likely to be exposed to physical risk factors (e.g. lifting and loud noise), even after adjusting for age, socioeconomic status, and occupational and industry groups. These findings suggest that it is important to consider demographic characteristics such as gender and ethnicity in occupational health and safety prevention initiatives.

This report presents data on a wide range of work-related risk factors for over 5,000 workers from across the different occupations and industries in the NZ general population. The report also includes information on organisational factors, job satisfaction, specific occupations, and specific exposures, some of which are seldom reported. Data in this report can be utilised as the baseline from which future population-level exposure monitoring efforts can be repeated and easily compared to.

CONTENTS

	Page n.o
EXECUTIVE SUMMARY	2
INTRODUCTION	6
METHODS	7
Table 1: Exposure information collected for the current job in both surveys	
RESULTS	12
MODULE ONE: OVERVIEW OF CURRENT JOB EXPOSURES AND CONTROL MEASURES	13
Table 2: Description of survey samples	14
Table 3: Prevalence of current job exposures by survey	16
Table 4: Prevalence of work satisfaction and job stress by survey	18
Table 5: Prevalence of control measures by survey	20
Table 6: Prevalence of current job exposures and control measures by 1-digit occupation (i.e. 9 major occupational groups) and survey	24
Table 7: Prevalence of current job exposures and control measures by 1-digit industry and survey	29
Table 8: Prevalence of current job exposures and control measures by 5-digit occupation and survey	36
Table 9: PPE use amongst those exposed to dust/chemical factors and loud noise	162
MODULE TWO: DEMOGRAPHIC DIFFERENCES	163
Gender differences	164
Table 1A: Description of survey samples by gender	165
Table 2A: Prevalence of current job exposures by gender and survey	168
Table 3A: Prevalence of work satisfaction and job stress by gender and survey	171
Table 4A: Prevalence of control measures by gender and survey	174
Table 5A: Differences in occupational exposure prevalence between males and females	176
Table 6A: Prevalence of current job exposures and control measures by 1-digit occupation (i.e. 9 major occupational groups), gender and survey	178

Table 7A: Prevalence of current job exposures and control measures by 1-digit industry, gender and survey	185
Ethnicity (Māori versus non-Māori)	194
Table 8A: Description of survey samples by ethnicity	194
Table 9A: Prevalence of current job exposures by ethnicity	196
Table 10A: Prevalence of work satisfaction and job stress by ethnicity	197
Table 11A: Prevalence of control measures by ethnicity	200
Table 12A: Differences in occupational exposure prevalence between Māori versus non-Māori males	202
Table 13A: Differences in occupational exposure prevalence between Māori versus non-Māori females	204
Table 14A: Prevalence of current job exposures and control measures by 1-digit occupation (i.e. 9 major occupational groups) and ethnicity	206
Table 15A: Prevalence of current job exposures and control measures by 1-digit industry and ethnicity	210
Lifestyle factors	216
Table 16A: Prevalence of lifestyle factors by survey and gender	217
Table 17A: Prevalence of lifestyle factors by 1-digit occupation and survey	219
Table 18A: Prevalence of lifestyle factors by 1-digit industry and survey	222
MODULE THREE: SPECIFIC EXPOSURES	224
Table 1B: Specific occupational exposures available from the NZWS and Māori NZWS	225
Table 2B: Prevalence of specific exposures by survey and gender	227
Table 3B: Prevalence of specific exposures by 1-digit occupation and survey	231
LIMITATIONS AND KEY OBSERVATIONS	237
REFERENCES	242
APPENDICES	242
Appendix 1: The NZWS/Māori NZWS Questionnaire	243
Appendix 2: Physical environment index: proportion of workers in EU28 (%) and mean index scores (0-100), 2005-2015, European Working Conditions Survey	253
Appendix 3: NZWS/Māori publications	254

INTRODUCTION

In November 2016, WorkSafe New Zealand (NZ) issued a Request for Proposals (RFP) for the delivery of a NZ Workforce Survey of self-reported occupational exposures. The RFP arose out of a need for a *“more comprehensive picture of current exposures in New Zealand workplaces and work practices which undermine positive health outcomes for workers.”* The purpose of the survey was to gather information across *all* industry groups and occupations in the NZ workforce to establish the prevalence of a wide range of occupational risk factors, with the aim of providing WorkSafe with information to reliably target those most at risk of occupational ill-health.

The Centre for Public Health Research (CPHR) have previously conducted the only workforce surveys in NZ, which examined the prevalence and distribution of a wide range of self-reported occupational exposures in the general population i.e. the New Zealand Workforce Survey (NZWS; 3,003 participants from the general population) and the Māori NZWS (2,107 participants from the Māori general population). The participants for the NZWS were randomly selected from the 2003 and 2005 Electoral Rolls over a two-year period (2004-2006) and invited to take part in a telephone interview. The same methodology was used for the Māori NZWS where participants were randomly selected from the 2008 Māori and General Electoral Rolls over the 2009-2010 period.

The CPHR proposed to capitalise on the previous population-based surveys that had already collected data on the wide range of exposures requested in the RFP. The proposal was two-fold: 1) a comprehensive report involving new analyses from two large existing workforce surveys conducted by CPHR in 2004-2006 and 2009-2010; and 2) A worker exposure survey in seven targeted occupational groups. This report refers to Part One of the response to the RFP and is divided into three modules:

1) Overview of current job exposures and control measures

This module contains the key information requested in the RFP i.e. the prevalence and distribution of a wide range of occupational exposures and workplace practices across the full range of occupational and industry groups for the two surveys separately and combined. This includes the investigation of specific occupational groups, PPE, and worker satisfaction with different aspects of the current job.

2) Demographic differences

This module provides novel information on worker characteristics that are often overlooked in occupational health research, including gender and ethnic differences in occupational exposures and PPE use. This module will also include the investigation of lifestyle factors such as smoking and obesity.

3) Specific exposures

This module examines the prevalence and distribution of specific exposures (e.g. wood dust) for the two surveys separately and combined by gender and 1-digit occupation.

METHODS

The New Zealand Workforce Survey (NZWS)

For the NZWS, 10,000 potential participants aged 20-64 years were randomly selected from the NZ Electoral Roll (7000 from the 2003 Electoral Roll and 3000 from the 2005 Electoral Roll when it became available) over a 2-year period (2004-2006). The Electoral Roll is the best sampling frame available in NZ as it is ~95% complete and any bias is likely to be small, particularly for employed people. The invitation to participate in a telephone interview was mailed up to three times and non-respondents were contacted by phone where a phone number was available from the electronic phone book (the methodology is described in detail in Eng *et al.*¹).

The questionnaire included questions about: i) lifetime work history; ii) current workplace exposures; iii) occupational morbidity (respiratory symptoms, sleep patterns, and musculoskeletal problems); and iv) demographics, including age, gender, ethnicity, and lifestyle factors such as smoking (the questionnaire is available in Appendix 1). A complete work history was obtained for all jobs held for a minimum of 6 months. More detailed information was also obtained for the current or most recent job, including a description of the tasks and processes. The exposure information that was collected for the current job is presented in Table 1.

TABLE 1: EXPOSURE INFORMATION COLLECTED FOR THE CURRENT JOB IN BOTH SURVEYS	
Exposure	Variable type
<i>Job details:</i>	
Hours per week	Number

Days per week	Number
Regularly work outside 8am-5pm?	Yes/No
If yes, please specify hours	Hours
Please describe your specific job in detail (including what do you do? how do you do it? what materials do you use? what tools or machinery do you use? what type of process is it?)	Text
Current exposures:	
Dust	Yes/No
Smoke or fume	Yes/No
Gas	Yes/No
Oil and Solvents	Yes/No
Acids or Alkalis	Yes/No
Fungicides, Insecticides, Herbicides or Timber Preservatives	Yes/No
Other Chemicals	Yes/No
If yes to exposed, name/s of substance	Text
Weeks per year exposed	Number
Hours per day exposed	Number
Source of substance	Text
Ventilation	
No ventilation	Yes/No
Open doors and windows	Yes/No
Ventilation fan ducted to outside	Yes/No
Air conditioning	Yes/No
Fume hood with fan and air filters	Yes/No
Outside	Yes/No
Other	Yes/No
Specify Other	Text
Effectiveness of ventilation: Not at all effective; Moderately effective; Very effective; Don't know	4-point scale
Use of personal protective equipment while at work?	Yes/No
Goggles	Yes/No
If yes, specify tasks	Text
Footwear	Yes/No
If yes, specify tasks	Text
Apron	Yes/No
If yes, specify tasks	Text
Simple Dust Mask	Yes/No
If yes, specify tasks	Text
Filter Cartridge Respirator	Yes/No
If yes, specify tasks	Text
Air Supplied Respirator or SCBA	Yes/No
If yes, specify tasks	Text
Rubber or Plastic Gloves	Yes/No
If yes, specify tasks	Text
Hearing Protection	Yes/No
If yes, specify type	Text

If yes, specify tasks	Text
Other	Yes/No
If yes, specify type	Text
If yes, specify tasks	Text
Physical and organisational factors - estimation of working time spent: All the time; ¾ of the time; ½ the time; ¼ of the time; Never	
awkward or tiring positions	5-point scale
awkward grip or hand movements	5-point scale
lifting	5-point scale
carrying out repetitive tasks	5-point scale
working at very high speed	5-point scale
working to tight deadlines	5-point scale
boring work	5-point scale
working in cold / damp environment	5-point scale
working in a hot / warm environment	5-point scale
standing	5-point scale
sitting	5-point scale
tools that vibrate	5-point scale
working outside	5-point scale
loud noise	5-point scale
Work Satisfaction: how satisfied are you with? 1-very satisfied; 2-satisfied; 3-neutral; 4-dissatisfied; 5-very dissatisfied; NA	
The total number of working hours per week?	6-point scale
Contact and cooperation between yourself and senior management?	6-point scale
The level of enjoyment of your work?	6-point scale
The level of difficulty of your work?	6-point scale
The help and support given to you by colleagues?	6-point scale
The way your work is organised?	6-point scale
The level of mental demands of your work?	6-point scale
The times of the day you are asked to work?	6-point scale
The help and support given to you by your supervisor?	6-point scale
The way your organisation is run?	6-point scale
The total number of hours overtime offered/expected per week?	6-point scale
Cooperation among you and your fellow workers?	6-point scale
Work, as a whole?	6-point scale
The level of physical demands of your work?	6-point scale
Job stress	
In general, how stressful do you find your current job? Not at all stressful; Mildly stressful; Moderately stressful; Very stressful; Extremely stressful	5-point scale
Night shift	
In the last 4 weeks, did you work...for at least 3 hours between 12-5am?	Yes/No
Number of nights worked night shift in last 4 weeks	Number
Comments	Text

Ethics approval for the NZWS was obtained from the Massey University Human Ethics Committee (WGTM 03/133).

The Māori NZWS

For the Māori NZWS, a random sample of men and women aged 20-64 years were selected from the 2008 and 2010 General and Māori Electoral Rolls (in NZ, Māori can choose to register on either the General or Māori roll). The methods for recruitment and data collection were the same as for the NZWS described above. Ethics approval was granted by the Massey University Human Ethics Committee (MUHEC 08/28).

Statistical analyses

All questionnaire information was entered into an ACCESS database. All jobs were coded using the New Zealand Standard Classification of Occupations (NZSCO) 1999 and industries were coded using the Australian and New Zealand Standard Industrial Classification (ANZSIC) 1996. The occupational code for current job was based on a detailed task description and the industry code was based on the main activity of the employer. The NZSCO is a hierarchical skills-based job classification scheme which at its broadest level comprises 9 major occupational groups (i.e. 1-digit code) and at its most specific level, 565 occupations (i.e. 5-digit code).

Socioeconomic status (SES) was assessed using the New Zealand Deprivation Index 2006 (NZDep2006), which is a census-based index with a relative deprivation score assigned to each geographical meshblock based on place of residence recorded on the Electoral Roll. The prevalence of physical and organisational exposures (other than irregular hours and night shift) was defined as the proportion of individuals who reported being exposed as part of their current job for at least a quarter of the time. The prevalence of all other exposures was defined as the proportion of individuals who reported being exposed (yes/no) as part of their current job, at any frequency, duration, or level of exposure. The exposure variable 'Fungicides, insecticides, herbicides or timber preservatives' is referred to as 'Pesticides' throughout this report. Night shift work was defined as working for pay, profit or income for at least three hours between midnight and 5am in the previous 4 weeks. In addition to the variables listed in Table 1, we also examined hours worked over 48 and

55 hours (i.e. long working hours), and irregular hours which was defined as regularly working outside the hours of 7am-8.30pm.

Logistic regression was used to assess differences in exposures between males and females and Māori and non-Māori workers. The analyses were adjusted for age and SES and Māori versus non-Māori comparisons were stratified by gender. As Māori and non-Māori participants and males and females differed significantly in terms of occupational distribution, we also assessed whether differences in self-reported exposure remained after adjusting for occupational group (using 1-digit NZSCO code) and industry group (using the 1-digit ANZIC code) in addition to age and SES. All analyses were conducted using STATA (STATA Statistical Software Release, 13.0) and SAS version 9.4.

Categories of specific occupational exposures (yes/no), for example acetone, caustic soda, timber treatment, were created using a word search programme developed in SAS (version 9.1). The programme was designed to search keywords (including alternative spelling and trade names) in the “name of substance” and “source of substance” free text fields (see questionnaire Part 2, Q10 in Appendix 1). For each newly created exposure category, the original text was checked to ensure that the new category captured all of the exposed participants.

All of the results are presented separately for the two surveys as well as combined as only presenting the combined sample of 5,110 workers is not entirely representative of the NZ general population (i.e. with half of the total sample being Māori).

RESULTS

For the NZWS, 3,003 participants took part and 2,107 participants took part in the Māori NZWS.

Response rates

The response rates were 37% for the NZWS and 31% for the Māori NZWS. Details about the implications of the response rates are reported elsewhere^{2,3}. Briefly, we were able to examine differences between respondents and non-respondents by gender, age, Māori ethnicity, 1-digit occupational code, and SES as this information was available for all potential study participants from the Electoral Roll. For the NZWS, in the non-responders (i.e. those that did not participate), there was a higher proportion of 20- to 34-year-olds, Māori, unemployed, and housewives compared to the participants. Also, fewer were characterised as professionals and differences in SES were also found. For the Māori NZWS, determinants of non-response included younger age, lower SES, unemployment, being a housewife, and working in the plant and machine operators (NZSCO 8) and elementary occupations (NZSCO 9). However, for both surveys, the prevalence of key survey variables (e.g. exposure to dust) were unchanged after standardising to the demographic distribution of the source population, indicating that significant non-response bias is unlikely to have occurred^{2,3}.

**MODULE ONE: OVERVIEW
OF CURRENT JOB
EXPOSURES AND CONTROL
MEASURES**

This module presents information on the prevalence and distribution of a wide range of occupational exposures and workplace practices across the full range of occupational and industry groups for the two surveys separately and combined. This includes the investigation of PPE and ventilation, worker satisfaction with different aspects of the current job, and specific occupational groups (i.e. 5-digit code).

Table 2 presents the demographic characteristics and the 1-digit occupational and industry distribution. For the NZWS, there was a similar proportion of men and women in the survey sample whereas there were slightly more females in the Māori NZWS. The average age of participants was 45 years with the Māori sample having a slightly older age distribution. Māori participants comprised 9% (n=273) of the NZWS sample. Smoking was more prevalent among the Māori sample (28% vs 18%) and Māori were overrepresented in the most deprived groups, with 31% being in NZDep2006 groups 9 and 10 compared to 12% in the NZWS. Māori were also overrepresented in the following occupational groups: service and sales workers (NZSCO 5); plant and machine operators and assemblers (NZSCO 8); and elementary occupations (NZSCO 9), and underrepresented in the occupational groups: legislators, administrators and managers (NZSCO 1); professionals (NZSCO 2); clerks (NZSCO 4); and trades workers (NZSCO 7).

Table 2: Description of survey samples

	Total		NZWS		Māori NZWS	
	N= 5110		N= 3003		N= 2107	
	n	%	n	%	n	%
Gender						
Male	2381	46.6	1431	47.7	950	45.1
Female	2729	53.4	1572	52.4	1157	54.9
Age at Interview						
Mean (SD)	45.3 (11.8)		44.2 (11.3)		46.8 (12.3)	
Range	20-67		20-67		20-67	
20 – 34 years	1060	20.7	659	21.9	401	19.0
35 – 44 years	1297	25.4	820	27.3	477	22.6
45 – 54 years	1384	27.1	868	28.9	516	24.5
55+ years	1369	26.8	656	21.8	713	33.8
Ethnicity						
Pākehā	2386	46.8	2386	79.6		
Māori	2380	46.6	273	9.1	2107	100.0
Pacific Peoples	53	1.0	53	1.8		
Other	285	5.6	285	9.5		
<i>Missing</i>	6		6			

	Total		NZWS		Māori NZWS	
	N= 5110		N= 3003		N= 2107	
	n	%	n	%	n	%
Smoking						
Never	2259	44.3	1516	50.6	743	35.4
Current	1129	22.2	546	18.2	583	27.7
Ex	1708	33.5	932	31.1	776	36.9
<i>Missing</i>	14		9		5	
Deprivation Index 2006						
1 – 2 (least deprived)	1079	21.1	793	26.4	286	13.6
3 – 4	970	19.0	656	21.9	314	15.0
5 – 6	1029	20.2	659	22.0	370	17.6
7 – 8	1013	19.9	527	17.6	486	23.1
9 – 10 (most deprived)	1012	19.8	367	12.2	645	30.7
<i>Missing</i>	7		1		6	
Occupation (NZSCO 1-digit code)						
1 – Legislators, administrators and managers	693	13.6	456	15.2	237	11.4
2 – Professionals	965	19.0	627	20.9	338	16.2
3 – Technicians and associate professionals	767	15.1	461	15.4	306	14.7
4 – Clerks	565	11.1	352	11.7	213	10.2
5 – Service and sales workers	675	13.3	363	12.1	312	15.0
6 – Agricultural and fishery workers	306	6.0	186	6.2	120	5.8
7 – Trades workers	395	7.8	254	8.5	141	6.8
8 – Plant and machine operators and assemblers	462	9.1	186	6.2	276	13.2
9 – Elementary occupations	261	5.1	117	3.9	144	6.9
<i>Missing</i>	21		1		20	
Industry (ANZSIC 1-digit code)						
A - Agriculture, Forestry and Fishing	329	6.5	198	6.6	131	6.3
B - Mining	18	0.4	10	0.3	8	0.4
C - Manufacturing	669	13.2	400	13.4	269	12.9
D - Electricity, Gas and Water Supply	38	0.8	21	0.7	17	0.8
E - Construction	370	7.3	209	7.0	161	7.7
F - Wholesale Trade	156	3.1	112	3.8	44	2.1
G - Retail Trade	441	8.7	265	8.9	176	8.5
H - Accommodation, Cafes and Restaurants	179	3.5	96	3.2	83	4.0
I - Transport and Storage	220	4.3	109	3.7	111	5.3
J - Communication Services	100	2.0	49	1.6	51	2.5
K - Finance and Insurance	160	3.2	118	4.0	42	2.0
L - Property and Business Services	482	9.5	338	11.3	144	6.9
M - Government Administration and Defence	324	6.4	180	6.0	144	6.9
N - Education	586	11.6	332	11.1	254	12.2
O - Health and Community Services	639	12.6	351	11.7	288	13.9
P - Cultural and Recreational Services	139	2.7	89	3.0	50	2.4

	Total		NZWS		Māori NZWS	
	N= 5110		N= 3003		N= 2107	
	n	%	n	%	n	%
Q - Personal and other services	219	4.3	113	3.8	106	5.1
<i>Missing</i>	41		13		28	

Table 3 presents the overall prevalence of current job exposures including organisational, dust/chemical, and physical factors. The average hours worked per week was 39 hours, with ~20% working longer than 48 hours per week and ~10% working longer than 55 hours per week. Participants in the Māori NZWS reported higher prevalences of both night shift (11% vs 7%) and regularly working outside the hours of 7am-8.30pm (28% vs 24%). Around half of the participants reported current exposure to at least one dust/chemical factor with similar prevalences reported for both surveys. In general, the prevalences for exposure to physical factors were higher for the Māori NZWS, including lifting (55% vs 39%) and loud noise (45% vs 30%; this is discussed further in Module Two).

The prevalences of lifting, loud noise, and certain workplace substances appeared to be comparable to results from the 2005 European Working Conditions Survey (EWCS)⁴ for the NZWS (see Appendix 2). The physical factors (e.g. lifting, loud noise) reported in the Māori NZWS were higher compared to EWCS figures, however the prevalence of exposure to vibration was similar.

Table 3: Prevalence of current job exposures by survey

	Total		NZWS		Māori NZWS		
	N= 5110		N= 3003		N= 2107		
	n	%	n	%	n	%	<i>Missing</i>
Current Job							
Organisational factors							
Hours worked per week: Mean & SD	39.2	14.4	39.0	14.7	39.4	13.8	63
Range	0.81-105		0.81-100		1.5-105		
Hours worked >48 hours	1112	22.0	699	23.3	413	20.1	63
Hours worked >55 hours	480	9.5	271	9.1	209	10.2	63
Days worked per week: Mean & SD	4.9	1.1	4.9	1.1	4.9	1.0	65
Irregular hours*	1250	25.4	679	23.5	571	28.1	182
Night shift in last 4 weeks	419	8.5	204	7.1	215	10.5	195
Number of night shifts worked [#]							
<5	181	44.8	90	45.2	91	44.4	
5-10	119	29.5	65	32.7	54	26.3	
10+	104	25.7	44	22.1	60	29.3	15
Current exposure							

	Total		NZWS		Māori NZWS		
	N= 5110		N= 3003		N= 2107		
	n	%	n	%	n	%	Missing
Dust	1606	31.5	881	29.3	725	34.6	11
Smoke or Fumes	984	19.3	541	18.0	443	21.1	11
Gas	433	8.5	239	8.0	194	9.3	11
Oil and Solvents	1016	19.9	628	20.9	388	18.5	11
Acids or Alkalis	476	9.3	282	9.4	194	9.3	11
Pesticides	490	9.6	287	9.6	203	9.7	11
Other Chemicals	755	14.8	411	13.7	344	16.4	11
Any of the above	2622	51.3	1488	49.6	1134	53.8	
Physical factors (≥25% of the time)							
Awkward or tiring positions	3044	59.9	1679	56.1	1365	65.4	31
Awkward grip or hand movements	2167	42.7	1143	38.2	1024	49.2	34
Lifting	2318	45.6	1176	39.2	1142	54.8	27
Repetitive Tasks	3695	72.9	2037	68.2	1658	79.4	38
Working at very high speed	2761	54.4	1530	51.2	1231	59.0	34
Working to tight deadlines	3843	75.7	2185	73.1	1658	79.5	34
Boring work	2109	41.6	1235	41.4	874	41.9	42
Working in a cold/damp environment	1567	30.9	709	23.8	858	41.2	45
Working in a hot/warm environment	1827	36.1	830	27.8	997	47.9	45
Standing	1493	29.4	837	28.0	656	31.5	29
Sitting	3257	64.1	1946	65.0	1311	62.8	29
Tools that vibrate	784	15.5	341	11.4	443	21.3	36
Working outside	1815	35.8	884	29.6	931	44.6	39
Loud noise	1824	35.9	895	29.9	929	44.5	26
*Started before 7am and/or finished after 8.30pm; 164 individuals did not have enough information to determine whether they worked irregular hours							
#Of those that reported working night shift							

Table 4 presents the overall prevalence of how satisfied participants were with different aspects of their current job and how stressful they found their current job. Satisfaction with different aspects of the current job was generally high (>70% reported that they were satisfied or very satisfied) with lower ratings for contact and cooperation between the participant and senior management, the help and support given by the supervisor, and the way the organisation is run. Satisfaction with work as a whole was 82-87% which is a similar figure reported in the EWCS (82% reported that they were satisfied or very satisfied with working conditions)⁴.

For all of the items under study, the Māori NZWS participants reported higher prevalences of being satisfied or very satisfied. For both surveys, ~15% reported that they find their job very or extremely

stressful with a higher prevalence of moderate stress reported by the NZWS participants (45% vs 39% for the Māori NZWS).

Table 4: Prevalence of work satisfaction and job stress by survey

	Total		NZWS		Māori NZWS	
	N= 5110		N= 3003		N= 2107	
	n	%	n	%	n	%
Work Satisfaction: How satisfied are you with different aspects of your current job?						
<i>The total number of working hours per week?</i>						
Very satisfied - satisfied	3853	75.7	2232	74.4	1621	77.5
Neutral	677	13.3	412	13.7	265	12.7
Dissatisfied - very dissatisfied	541	10.6	341	11.4	200	9.6
N/A	21	0.4	14	0.5	7	0.3
<i>Missing</i>	18		4		14	
<i>Contact and co-operation between yourself and senior management?</i>						
Very satisfied - satisfied	3031	59.6	1682	56.1	1349	64.6
Neutral	680	13.4	417	13.9	263	12.6
Dissatisfied - very dissatisfied	700	13.8	449	15.0	251	12.0
N/A	676	13.3	450	15.0	226	10.8
<i>Missing</i>	23		5		18	
<i>The level of enjoyment of your work?</i>						
Very satisfied - satisfied	4053	79.6	2337	78.0	1716	82.0
Neutral	716	14.1	450	15.0	266	12.7
Dissatisfied - very dissatisfied	319	6.3	209	7.0	110	5.3
N/A	3	0.1	2	0.1	1	0.1
<i>Missing</i>	19		5		14	
<i>The level of difficulty of your work?</i>						
Very satisfied - satisfied	3549	69.7	2025	67.6	1524	72.9
Neutral	1053	20.7	696	23.2	357	17.1
Dissatisfied - very dissatisfied	431	8.5	245	8.2	186	8.9
N/A	56	1.1	32	1.1	24	1.2
<i>Missing</i>	21		5		16	
<i>The help and support given to you by colleagues?</i>						
Very satisfied - satisfied	3909	76.8	2232	74.5	1677	80.1
Neutral	554	10.9	364	12.2	190	9.1
Dissatisfied - very dissatisfied	325	6.4	206	6.9	119	5.7
N/A	302	5.9	195	6.5	107	5.1
<i>Missing</i>	20		6		14	
<i>The way your work is organised?</i>						
Very satisfied - satisfied	3606	70.9	2012	67.1	1594	76.3
Neutral	837	16.5	523	17.4	314	15.0
Dissatisfied - very dissatisfied	513	10.1	343	11.4	170	8.1
N/A	132	2.6	120	4.0	12	0.6
<i>Missing</i>	22		5		17	

	Total		NZWS		Māori NZWS	
	N= 5110		N= 3003		N= 2107	
	n	%	n	%	n	%
<i>The level of mental demands of your work?</i>						
Very satisfied - satisfied	3515	69.2	2045	68.3	1470	70.4
Neutral	973	19.2	609	20.3	364	17.4
Dissatisfied - very dissatisfied	557	11.0	322	10.8	235	11.3
N/A	37	0.7	18	0.6	19	0.9
<i>Missing</i>	28		9		19	
<i>The times of the day you are asked to work?</i>						
Very satisfied - satisfied	3826	75.2	2180	72.8	1646	78.7
Neutral	611	12.0	375	12.5	236	11.3
Dissatisfied - very dissatisfied	395	7.8	249	8.3	146	7.0
N/A	256	5.0	192	6.4	64	3.1
<i>Missing</i>	22		7		15	
<i>The help of and support given to you by your supervisor?</i>						
Very satisfied - satisfied	2928	57.6	1590	53.1	1338	64.0
Neutral	553	10.9	322	10.8	231	11.1
Dissatisfied - very dissatisfied	535	10.5	344	11.5	191	9.1
N/A	1070	21.0	739	24.7	331	15.8
<i>Missing</i>	24		8		16	
<i>The way your organisation is run?</i>						
Very satisfied - satisfied	3063	60.3	1668	55.7	1395	66.9
Neutral	1001	19.7	647	21.6	354	17.0
Dissatisfied –very dissatisfied	848	16.7	538	18.0	310	14.9
N/A	169	3.3	142	4.7	27	1.3
<i>Missing</i>	29		8		21	
<i>The total number of hours overtime offered/expected per week?</i>						
Very satisfied - satisfied	2042	40.2	1068	35.7	974	46.7
Neutral	598	11.8	323	10.8	275	13.2
Dissatisfied - very dissatisfied	486	9.6	286	9.6	200	9.6
N/A	1956	38.5	1318	44.0	638	30.6
<i>Missing</i>	28		8		20	
<i>Co-operation among you and your fellow workers?</i>						
Very satisfied - satisfied	4122	81.1	2368	79.1	1754	84.0
Neutral	451	8.9	301	10.1	150	7.2
Dissatisfied - very dissatisfied	173	3.4	109	3.6	64	3.1
N/A	338	6.7	217	7.3	121	5.8
<i>Missing</i>	26		8		18	
<i>Work, as a whole?</i>						
Very satisfied - satisfied	4269	84.0	2458	82.1	1811	86.7
Neutral	538	10.6	345	11.5	193	9.2
Dissatisfied - very dissatisfied	265	5.2	183	6.1	82	3.9
N/A	11	0.2	7	0.2	4	0.2

	Total		NZWS		Māori NZWS	
	N= 5110		N= 3003		N= 2107	
	n	%	n	%	n	%
<i>Missing</i>	27		10		17	
<i>The level of physical demands of your work?</i>						
Very satisfied - satisfied	3391	66.7	1921	64.1	1470	70.4
Neutral	967	19.0	600	20.0	367	17.6
Dissatisfied - very dissatisfied	422	8.3	260	8.7	162	7.8
N/A	304	6.0	214	7.2	90	4.3
<i>Missing</i>	26		8		18	
<i>Job Stress: In general, how do you find your current job?</i>						
Not at all - Mildly	2165	42.6	1188	39.7	977	46.8
Moderately	2157	42.5	1351	45.2	806	38.6
Very - Extremely	756	14.9	452	15.1	304	14.6
<i>Missing</i>	32		12		20	

Table 5 presents the overall prevalence of control measures for the current job including workplace ventilation and PPE. Almost half of the total sample reported that they wear PPE at work and gloves were the most commonly reported PPE item. NZWS participants reported higher prevalences of apron use and hearing protection use, and a lower prevalence of other types of PPE. The prevalence of self-reported PPE use (48%) is slightly higher than figures from overseas studies. In the EWCS, 34% of workers reported PPE use a quarter of the time or more. The corresponding figures for Finland and the UK were 43% and 35%, respectively⁴.

Table 5: Prevalence of control measures by survey

	Total		NZWS		Māori NZWS		
	N= 5110		N= 3003		N= 2107		<i>Missing</i>
	n	%	n	%	n	%	
<i>Ventilation</i>							
No ventilation	147	2.9	50	1.7	97	4.7	19
Open doors and windows	2837	55.7	1708	56.9	1129	54.1	19
Ventilation fan ducted to outside	572	11.2	356	11.9	216	10.3	19
Air conditioning	2146	42.2	1188	39.6	958	45.9	19
Fume hood with fan and air filters	170	3.3	70	2.3	100	4.8	19
Outside	448	8.8	340	11.3	108	5.2	19
Other	428	8.4	110	3.7	318	15.2	19
<i>Effectiveness of ventilation</i>							
Not at all	554	11.2	354	12.4	200	9.6	177
Moderately effective	1943	39.4	1194	41.8	749	36.0	
Very effective	2289	46.4	1219	42.7	1070	51.5	
Don't know	147	3.0	88	3.1	59	2.8	

	Total		NZWS		Māori NZWS		
	N= 5110		N= 3003		N= 2107		Missing
	n	%	n	%	n	%	
Personal Protective Equipment (PPE)							
Use of PPE at work	2461	48.4	1426	47.5	1035	49.5	20*
Goggles**	924	18.2	568	18.9	356	17.1	2
Footwear**	1211	23.8	665	22.2	546	26.2	2
Apron**	987	19.4	716	23.9	271	13.0	2
Simple Dust Mask **	642	12.6	390	13.0	252	12.1	2
Filter Cartridge Respirator**	216	4.3	131	4.4	85	4.1	2
Air Supplied Respirator or SCBA**	49	1.0	29	1.0	20	1.0	2
Rubber or Plastic Gloves**	1401	27.5	835	27.8	566	27.1	2
Hearing protection**	802	15.8	515	17.2	287	13.8	2
Other**	681	13.4	291	9.7	390	18.7	2
*2 participants that didn't know if they use PPE were included in the missing information. **The 20 participants who did not answer the initial PPE question were excluded from the specific PPE prevalences.							

The prevalence of self-reported exposures and control measures by 1-digit NZSCO occupational group (i.e. the 9 major occupational groups) is presented in Table 6. The majority of occupational exposures were disproportionately experienced by workers in the 'manual' occupational groups: trades (NZSCO 7), agricultural and fishery (NZSCO 6), plant and machine operators and assemblers (NZSCO 8), and elementary occupations (NZSCO 9).

NZWS

- Trades workers (NZSCO 7) reported the highest prevalences of exposure to dust (76%), oils and solvents (59%), smoke or fumes (39%), gas (19%), and a relatively high prevalence of exposure to acids or alkalis (23%). This group also reported the highest prevalence of exposure to awkward grip or hand movements (63%) and using tools that vibrate (38%) a quarter of the time or more.
- Agricultural and fishery workers (NZSCO 6) reported the highest prevalences of exposure to pesticides (63%) and acids or alkalis (26%). This group also had the highest prevalences of working long hours (27% worked longer than 55 hours per week), awkward or tiring positions (73%), and lifting (69%).
- Plant and machine operators and assemblers (NZSCO 8) reported a relatively high prevalence of exposure to smoke or fumes (38%) and over half of the participants reported exposure to dust. This group also reported the highest prevalences of working night shift in the previous month (18%) and half of these workers regularly work outside the hours of 7am-8.30pm.

- The elementary occupational group (NZSCO 9) reported the highest prevalences of exposure to repetitive tasks (89%), working at very high speed (69%), and standing (44%) a quarter of the time or more.
- More than 50% of service and sales workers, agricultural and fishery workers, trades workers, plant and machine operators and assemblers, and elementary occupations reported lifting in their current job a quarter of the time or more. More than half of the latter three occupational groups also reported exposure to loud noise a quarter of the time or more.
- About one in five workers in the non-manual occupational groups reported exposure to dust. These prevalences of exposure for the non-manual occupations appeared to be higher than for comparable groups in the EWCS (although the questions were not directly comparable)⁴.
- Almost one-half of the sample reported wearing PPE in their current job with >80% of the manual occupational groups reporting PPE use. Trades workers reported a relatively high prevalence of the use of goggles (62%) and hearing protection (63%). Just less than half reported simple dust mask use and 18% reported using filter cartridge respirators. Fifty-five percent of agricultural and fishery workers reported wearing gloves at work and 47% reported hearing protection use.

Māori NZWS

- Trades workers (NZSCO 7) reported the highest prevalences of exposure to dust (65%), oils and solvents (50%), gas (19%), and a relatively high prevalence of exposure to smoke or fumes (39%). This group also reported the highest prevalences of exposure to awkward or tiring positions (82%), awkward grip or hand movements (72%), and using tools that vibrate (58%) a quarter of the time or more.
- Agricultural and fishery workers (NZSCO 6) reported the highest prevalences of exposure to pesticides (47%) and smoke or fumes (40%) and a relatively high prevalence of exposure to acids or alkalis (18%). This group also had the highest prevalences of working long hours (22% worked longer than 55 hours per week) and repetitive tasks (92%).
- Plant and machine operators and assemblers (NZSCO 8) reported the highest prevalences of exposure to acids or alkalis (19%) and standing (44%). This group also reported the highest prevalences of working night shift in the previous month (16%) and almost half of the participants in this group regularly work outside the hours of 7am-8.30pm.

- The elementary occupational group (NZSCO 9) reported relatively high prevalences of exposure to dust (57% compared to 38% for the NZWS) and repetitive tasks (89%).
- More than 65% of service and sales workers, agricultural and fishery workers, trades workers, plant and machine operators and assemblers, and elementary occupations reported lifting in their current job a quarter of the time or more. Sixty-five percent or more of the latter four occupational groups also reported exposure to loud noise a quarter of the time or more.
- About one in five workers in the non-manual occupational groups reported exposure to dust.
- Almost one-half of the sample reported wearing PPE in their current job. Trades workers reported the highest prevalence of the use of goggles (51%) and hearing protection (40%), although these were considerably lower than the prevalences reported for the NZWS (62% and 63%, respectively). Forty-five percent reported simple dust mask use and 23% reported using filter cartridge respirators. The plant and machine operators and assemblers group reported the highest glove use (43%), followed by elementary occupations (41%), and service and sales workers (40%).

Table 6: Prevalence of current job exposures and control measures by 1-digit occupation (i.e. 9 major occupational groups) and survey

		Organisational factors					Current Exposure								
		<i>Hours worked >48 hrs</i>	<i>Hours worked >55 hrs</i>	<i>Irregular hours</i>	<i>Night shift in last 4 wks</i>	<i>Dust</i>	<i>Smoke or Fumes</i>	<i>Gas</i>	<i>Oil and Solvents</i>	<i>Acids or Alkalis</i>	<i>Pesticides</i>	<i>Other Chemicals</i>	<i>Any of the above</i>		
NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	N													
1 – Legislators, administrators and managers	Total	693	39.8%	17.0%	20.9%	7.1%	22.8%	13.9%	5.0%	12.5%	5.0%	4.7%	8.0%	37.7%	
	NZWS	456	42.5%	15.6%	18.5%	6.3%	23.0%	14.9%	4.6%	13.8%	4.8%	3.7%	7.2%	37.7%	
	Māori NZWS	237	34.6%	19.8%	25.3%	8.5%	22.3%	12.0%	5.8%	9.9%	5.4%	6.6%	9.5%	37.6%	
2 – Professionals	Total	965	22.7%	8.2%	19.1%	8.7%	19.9%	9.4%	7.3%	11.4%	6.2%	4.2%	13.1%	36.4%	
	NZWS	627	24.3%	8.8%	19.1%	7.8%	17.4%	9.9%	8.5%	12.0%	6.7%	3.8%	13.2%	35.4%	
	Māori NZWS	338	19.8%	7.2%	19.1%	10.2%	24.5%	8.6%	5.3%	10.3%	5.3%	5.0%	13.0%	38.3%	
3 – Technicians and associate professionals	Total	767	13.5%	4.2%	18.1%	7.8%	20.3%	12.6%	4.8%	13.8%	6.9%	5.5%	11.3%	38.4%	
	NZWS	461	14.2%	3.9%	17.0%	5.6%	19.5%	12.1%	4.3%	15.8%	7.4%	6.1%	10.6%	36.7%	
	Māori NZWS	306	12.5%	4.6%	19.9%	10.8%	21.4%	13.3%	5.5%	10.7%	6.1%	4.5%	12.3%	41.1%	
4 – Clerks	Total	565	4.8%	1.4%	12.5%	2.9%	22.5%	12.2%	4.2%	7.3%	2.8%	3.4%	9.9%	36.5%	
	NZWS	352	4.3%	0.6%	9.6%	2.4%	18.5%	10.8%	3.1%	7.4%	2.3%	2.6%	10.5%	33.5%	
	Māori NZWS	213	5.6%	2.8%	17.1%	3.8%	29.1%	14.6%	6.1%	7.0%	3.8%	4.7%	8.9%	41.3%	
5 – Service and sales workers	Total	675	11.3%	5.6%	34.6%	11.5%	21.8%	21.2%	11.0%	19.3%	8.3%	4.7%	19.1%	54.8%	
	NZWS	363	11.4%	5.0%	30.3%	9.0%	19.3%	19.3%	9.4%	20.9%	8.5%	2.8%	17.4%	54.0%	
	Māori NZWS	312	11.3%	6.3%	39.5%	14.3%	24.7%	23.4%	12.8%	17.3%	8.0%	7.1%	21.2%	55.8%	
6 – Agricultural and fishery workers	Total	306	39.9%	24.9%	40.0%	6.2%	56.2%	31.7%	6.2%	35.0%	22.5%	56.5%	17.6%	85.6%	
	NZWS	186	43.2%	26.5%	41.2%	5.6%	55.9%	26.3%	6.5%	34.9%	25.8%	62.9%	12.9%	88.2%	
	Māori NZWS	120	34.5%	22.4%	38.3%	7.1%	56.7%	40.0%	5.8%	35.0%	17.5%	46.7%	25.0%	81.7%	
7 – Trade workers	Total	395	25.6%	10.0%	22.0%	5.0%	71.6%	39.2%	18.7%	55.9%	20.0%	16.5%	26.3%	87.1%	
	NZWS	254	24.0%	8.7%	23.7%	4.6%	75.6%	39.4%	18.5%	59.4%	23.2%	16.9%	26.4%	89.8%	
	Māori NZWS	141	28.7%	12.5%	19.1%	5.8%	64.5%	39.0%	19.1%	49.6%	14.2%	15.6%	26.2%	82.3%	
8 – Plant and machine operators and assemblers	Total	462	31.0%	15.8%	47.8%	16.8%	53.0%	35.9%	15.2%	31.4%	15.8%	10.2%	17.5%	74.7%	
	NZWS	186	32.4%	15.1%	49.7%	18.1%	54.8%	37.6%	16.1%	32.8%	11.8%	10.8%	15.6%	75.8%	
	Māori NZWS	276	30.0%	16.3%	46.5%	16.0%	51.8%	34.8%	14.5%	30.4%	18.5%	9.8%	18.8%	73.9%	
9 – Elementary occupations	Total	261	20.2%	7.8%	35.1%	12.2%	48.1%	26.5%	11.2%	26.5%	13.5%	14.6%	23.5%	70.8%	
	NZWS	117	26.7%	6.9%	42.1%	11.2%	37.6%	23.9%	9.4%	32.5%	13.7%	16.2%	22.2%	66.7%	
	Māori NZWS	144	14.8%	8.5%	29.2%	12.9%	56.6%	28.7%	12.6%	21.7%	13.3%	13.3%	24.5%	74.1%	

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
NZSCO 1-DIGIT OCCUPATIONAL CODE	Study															
1 – Legislators, administrators and managers	Total	693	47.1%	31.5%	32.7%	61.2%	50.7%	80.9%	37.7%	20.3%	24.4%	22.1%	79.0%	7.0%	24.0%	22.2%
	NZWS	456	44.6%	30.1%	25.3%	56.6%	47.8%	79.8%	37.1%	17.8%	18.8%	20.2%	81.5%	5.5%	19.4%	20.0%
	Māori NZWS	237	51.9%	34.2%	46.7%	69.7%	56.2%	83.1%	38.8%	24.9%	34.7%	25.6%	74.4%	9.9%	32.6%	26.4%
2 – Professionals	Total	965	53.5%	30.6%	30.0%	58.7%	44.2%	81.8%	32.9%	17.2%	27.5%	24.8%	79.1%	5.7%	25.9%	21.9%
	NZWS	627	48.9%	28.5%	25.6%	54.1%	43.4%	78.3%	31.9%	13.5%	23.3%	24.8%	78.0%	5.0%	20.3%	19.6%
	Māori NZWS	338	62.1%	34.3%	38.2%	67.4%	45.9%	88.2%	34.6%	24.0%	35.4%	24.9%	81.1%	7.1%	36.2%	26.0%
3 – Technicians and associate professionals	Total	767	55.4%	36.1%	35.2%	69.3%	47.5%	74.8%	38.1%	22.2%	26.7%	22.1%	77.9%	7.7%	31.3%	23.9%
	NZWS	461	54.5%	34.3%	31.6%	66.5%	43.8%	73.2%	39.2%	18.4%	21.4%	22.7%	77.8%	5.2%	24.9%	18.3%
	Māori NZWS	306	56.6%	38.6%	40.5%	73.5%	53.1%	77.0%	36.5%	27.9%	34.4%	21.2%	78.0%	11.3%	40.8%	32.4%
4 – Clerks	Total	565	52.7%	38.9%	29.2%	82.6%	62.7%	76.6%	51.5%	19.5%	28.1%	24.3%	85.8%	3.9%	15.6%	21.8%
	NZWS	352	50.3%	34.1%	24.1%	80.0%	58.3%	70.7%	51.3%	13.1%	20.5%	22.5%	86.9%	3.1%	10.3%	15.4%
	Māori NZWS	213	56.8%	46.9%	37.6%	86.8%	70.0%	86.4%	51.9%	30.2%	40.8%	27.2%	84.0%	5.2%	24.4%	32.4%
5 – Service and sales workers	Total	675	67.0%	47.2%	59.5%	80.7%	60.6%	65.5%	41.6%	25.2%	41.2%	42.3%	41.5%	10.4%	32.1%	30.9%
	NZWS	363	61.9%	39.2%	53.0%	78.0%	57.5%	62.5%	40.8%	20.0%	30.9%	43.4%	37.5%	8.8%	24.0%	25.1%
	Māori NZWS	312	73.1%	56.5%	67.0%	84.0%	64.3%	68.9%	42.6%	31.3%	53.2%	41.0%	46.1%	12.3%	41.6%	37.7%
6 – Agricultural and fishery workers	Total	306	73.4%	57.6%	69.4%	83.6%	53.5%	64.7%	39.3%	62.3%	57.4%	29.0%	37.7%	33.9%	87.5%	55.0%
	NZWS	186	72.7%	51.9%	68.6%	78.6%	49.2%	59.8%	39.0%	52.7%	44.2%	28.6%	40.0%	25.4%	90.8%	48.6%
	Māori NZWS	120	74.6%	66.7%	70.7%	91.5%	60.2%	72.4%	39.8%	77.1%	77.8%	29.7%	34.2%	47.4%	82.2%	65.0%
7 – Trade workers	Total	395	75.1%	66.3%	72.8%	79.4%	62.7%	79.4%	48.0%	53.6%	53.6%	34.4%	25.6%	45.0%	56.1%	73.8%
	NZWS	254	71.5%	63.0%	68.1%	75.5%	61.8%	77.2%	48.4%	44.9%	46.1%	32.7%	25.6%	37.7%	50.2%	70.4%
	Māori NZWS	141	81.6%	72.3%	81.4%	86.4%	64.3%	83.6%	47.1%	69.3%	67.1%	37.4%	25.7%	58.3%	66.9%	80.0%
8 – Plant and machine operators and assemblers	Total	462	70.5%	56.7%	64.4%	81.2%	61.4%	78.7%	50.4%	58.7%	53.7%	39.7%	62.3%	35.9%	52.7%	72.5%
	NZWS	186	66.5%	48.6%	55.9%	74.9%	54.9%	75.1%	57.0%	43.2%	42.2%	33.3%	63.4%	27.0%	48.1%	66.1%
	Māori NZWS	276	73.2%	62.2%	70.2%	85.5%	65.8%	81.1%	46.0%	69.1%	61.5%	44.0%	61.5%	42.0%	55.8%	76.7%
9 – Elementary occupations	Total	261	71.9%	56.0%	66.5%	88.8%	64.1%	68.5%	51.0%	55.8%	48.6%	39.6%	31.9%	33.5%	49.2%	59.1%
	NZWS	117	70.9%	53.9%	63.2%	88.9%	69.0%	66.7%	53.0%	45.2%	37.1%	43.6%	28.2%	22.8%	41.0%	52.1%
	Māori NZWS	144	72.7%	57.7%	69.2%	88.8%	60.1%	69.9%	49.3%	64.3%	58.0%	36.4%	35.0%	42.0%	55.9%	64.8%

NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
1 – Legislators, administrators and managers	Total	693	1.9%	56.3%	10.3%	52.7%	3.0%	3.0%	5.6%	32.1%	11.9%	16.6%	12.3%	6.3%	3.3%	0.6%	14.6%	10.8%	7.6%
	NZWS	456	1.3%	55.7%	9.9%	53.1%	1.8%	3.7%	2.4%	32.5%	13.8%	17.1%	15.1%	6.8%	3.3%	0.7%	15.1%	12.1%	6.4%
	Māori NZWS	237	2.9%	57.5%	11.3%	52.1%	5.4%	1.7%	11.7%	31.5%	8.3%	15.8%	7.1%	5.4%	3.3%	0.4%	13.7%	8.3%	10.0%
2 – Professionals	Total	965	0.9%	64.5%	7.6%	47.7%	2.4%	2.7%	4.8%	32.2%	11.2%	9.9%	14.4%	8.6%	1.7%	0.2%	22.6%	4.9%	8.4%
	NZWS	627	0.6%	64.9%	7.7%	43.9%	2.4%	3.7%	2.7%	35.0%	13.4%	11.0%	18.2%	10.7%	1.6%	0.0%	24.3%	6.1%	7.5%
	Māori NZWS	338	1.5%	63.8%	7.4%	54.9%	2.4%	0.9%	8.6%	27.0%	7.1%	7.7%	7.4%	4.8%	1.8%	0.6%	19.3%	2.7%	10.1%
3 – Technicians and associate professionals	Total	767	1.9%	54.4%	7.1%	51.6%	3.5%	4.2%	7.0%	33.8%	12.2%	12.7%	14.3%	7.7%	2.2%	0.7%	20.2%	7.7%	10.4%
	NZWS	461	1.3%	52.9%	8.0%	48.6%	3.5%	5.2%	4.8%	34.1%	12.6%	11.3%	17.4%	8.5%	2.0%	0.9%	19.7%	8.5%	7.4%
	Māori NZWS	306	2.9%	56.6%	5.8%	56.0%	3.6%	2.6%	10.4%	33.4%	11.7%	14.9%	9.7%	6.5%	2.6%	0.3%	20.8%	6.5%	14.9%
4 – Clerks	Total	565	1.1%	53.5%	5.5%	59.4%	1.4%	3.2%	5.9%	20.0%	4.4%	10.8%	5.5%	2.5%	0.7%	0.2%	6.4%	3.9%	6.7%
	NZWS	352	1.1%	52.8%	5.4%	54.8%	0.9%	3.7%	3.7%	17.9%	5.1%	8.8%	6.8%	2.3%	1.1%	0.3%	7.1%	4.5%	2.3%
	Māori NZWS	213	0.9%	54.7%	5.7%	67.0%	2.4%	2.4%	9.4%	23.6%	3.3%	14.2%	3.3%	2.8%	0.0%	0.0%	5.2%	2.8%	14.2%
5 – Service and sales workers	Total	675	2.5%	63.4%	16.0%	41.4%	5.5%	2.8%	9.6%	55.6%	7.9%	18.0%	27.6%	7.1%	0.9%	1.2%	40.0%	4.3%	10.1%
	NZWS	363	1.9%	65.8%	18.7%	36.6%	1.9%	3.3%	3.6%	54.0%	8.0%	16.5%	31.7%	6.9%	0.8%	1.7%	39.7%	4.4%	5.8%
	Māori NZWS	312	3.2%	60.5%	12.9%	46.9%	9.6%	2.3%	16.7%	57.4%	7.7%	19.7%	22.9%	7.4%	1.0%	0.6%	40.3%	4.2%	15.2%
6 – Agricultural and fishery workers	Total	306	9.5%	31.8%	4.3%	6.6%	0.3%	53.8%	11.1%	85.6%	30.2%	49.8%	30.2%	20.7%	9.5%	0.3%	46.9%	38.7%	23.0%
	NZWS	186	4.3%	34.9%	3.2%	4.3%	0.0%	71.0%	1.1%	91.4%	33.3%	50.0%	39.8%	19.9%	12.9%	0.5%	54.8%	47.3%	18.3%
	Māori NZWS	120	17.6%	26.9%	5.9%	10.1%	0.8%	26.9%	26.9%	76.7%	25.2%	49.6%	15.1%	21.8%	4.2%	0.0%	34.5%	25.2%	30.3%
7 – Trade workers	Total	395	5.1%	62.5%	22.8%	13.4%	3.3%	14.7%	12.2%	88.6%	58.0%	54.7%	32.9%	47.1%	20.0%	4.1%	41.0%	54.7%	21.5%
	NZWS	254	3.1%	65.4%	27.2%	11.0%	3.9%	19.3%	5.1%	90.2%	61.8%	53.9%	43.7%	48.4%	18.1%	3.5%	44.1%	62.6%	19.7%
	Māori NZWS	141	8.5%	57.4%	14.9%	17.7%	2.1%	6.4%	24.8%	85.8%	51.1%	56.0%	13.5%	44.7%	23.4%	5.0%	35.5%	40.4%	24.8%
8 – Plant and machine operators and assemblers	Total	462	5.0%	42.4%	18.6%	33.8%	5.8%	15.8%	16.9%	79.4%	40.1%	54.7%	33.0%	20.4%	6.9%	2.2%	43.8%	37.1%	32.3%
	NZWS	186	2.2%	47.3%	23.7%	28.5%	3.8%	24.2%	6.5%	81.2%	37.6%	53.2%	46.2%	18.8%	8.1%	2.2%	44.6%	38.2%	25.3%
	Māori NZWS	276	6.9%	39.1%	15.2%	37.3%	7.2%	10.1%	23.9%	78.2%	41.8%	55.6%	24.0%	21.5%	6.2%	2.2%	43.3%	36.4%	37.1%
9 – Elementary occupations	Total	261	5.8%	51.7%	16.6%	30.5%	4.6%	13.9%	12.0%	77.3%	21.2%	38.5%	23.5%	19.6%	3.8%	0.8%	44.2%	25.0%	21.5%
	NZWS	117	2.6%	50.4%	17.1%	27.4%	3.4%	20.5%	6.0%	78.6%	23.1%	39.3%	36.8%	21.4%	4.3%	0.9%	48.7%	28.2%	17.1%
	Māori NZWS	144	8.5%	52.8%	16.2%	33.1%	5.6%	8.5%	16.9%	76.2%	19.6%	37.8%	12.6%	18.2%	3.5%	0.7%	40.6%	22.4%	25.2%

The prevalence of self-reported exposures and control measures by 1-digit ANZSIC industry group is presented in Table 7. The majority of exposure to dust/chemical and physical factors were concentrated in the agriculture, forestry and fishing (ANZSIC A), construction (ANZSIC E), and manufacturing (ANZSIC C) industries. There was a high prevalence of working long and irregular hours for the agriculture, forestry and fishing and transport and storage (ANZSIC I) industries, the latter of which had the highest prevalence of night shift work. Participants in the accommodation, cafes and restaurants industry (ANZSIC H) also reported a high prevalence of working irregular hours.

NZWS

- *Agriculture, Forestry and Fishing*: participants in this industry reported the highest prevalences of exposure to organisational factors including long working hours (>55 hours: 28%) and irregular hours (45%). Similar to the results for the agricultural occupational group above, workers in this industry reported the highest prevalences of exposure to pesticides (57%), acids or alkalis (23%), and lifting (62%).
- *Construction*: participants in the construction industry reported the highest prevalences of exposure to dust (72%), oils and solvents (43%), awkward grip or hand movements (53%), tools that vibrate (32%), and loud noise (61%).
- *Manufacturing*: participants in this industry reported relatively high prevalences of exposure to dust (52%), smoke or fumes (30%), oils and solvents (32%), acids or alkalis (16%), and loud noise (53%).
- *Transport and Storage*: participants in this industry reported the highest prevalences of exposure to night shift work (21%) and smoke or fumes (38%) and relatively high prevalences of working long and irregular hours.
- *Accommodation, Cafes and Restaurants*: participants in this industry reported the highest prevalences of exposure to repetitive tasks (87%), awkward or tiring positions (71%), and standing (48%) a quarter of the time or more and a relatively high prevalence working irregular hours (38%).

Māori NZWS

- *Agriculture, Forestry and Fishing*: participants in this industry reported the highest prevalences of exposure to organisational factors including long working hours (>55 hours: 26%) and the second highest prevalence of working irregular hours (47%). Workers in this industry reported the highest prevalences of exposure to pesticides (41%), awkward grip of

hand movements (70%), and repetitive tasks (88%). They also reported relatively high prevalences of exposure to dust/chemical factors, lifting, and using tools that vibrate.

- *Construction*: workers in this industry reported the highest prevalences of exposure to dust (71%), smoke or fumes (41%), oils and solvents (39%), awkward or tiring positions (78%), lifting (79%), tools that vibrate (56%), and loud noise (76%).
- *Manufacturing*: workers in this industry reported the highest prevalence of exposure to acids or alkalis (19%) and standing (48%) and relatively high prevalences of exposure to dust (48%), oils and solvents (29%), awkward or tiring positions (71%), and loud noise (70%).
- *Transport and Storage*: participants in this industry reported the highest prevalences of exposure to night shift work (22%) and relatively high prevalences of working long and irregular hours, exposure to dust (48%), and smoke or fumes (36%).
- *Accommodation, Cafes and Restaurants*: participants in this industry reported the highest prevalences of exposure to working irregular hours (49%) and exposure to gas (22%).

Table 7: Prevalence of current job exposures and control measures by 1-digit industry and survey

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	N	Organisational factors				Current Exposure								
			Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above	
A - Agriculture, Forestry and Fishing	Total	329	41.3%	27.3%	46.0%	8.3%	54.7%	28.9%	5.8%	33.4%	20.7%	50.5%	15.8%	81.2%	
	NZWS	198	43.7%	27.9%	45.4%	6.8%	54.0%	23.7%	7.1%	31.8%	22.7%	56.6%	11.1%	82.8%	
	Māori NZWS	131	37.6%	26.4%	46.8%	10.6%	55.7%	36.6%	3.8%	35.9%	17.6%	41.2%	22.9%	78.6%	
B - Mining	Total	18	38.9%	22.2%	41.2%	17.6%	50.0%	33.3%	27.8%	27.8%	22.2%	0.0%	27.8%	72.2%	
	NZWS	10	40.0%	20.0%	50.0%	22.2%	30.0%	30.0%	40.0%	20.0%	30.0%	0.0%	40.0%	70.0%	
	Māori NZWS	8	37.5%	25.0%	28.6%	12.5%	75.0%	37.5%	12.5%	37.5%	12.5%	0.0%	12.5%	75.0%	
C - Manufacturing	Total	669	22.8%	7.2%	33.9%	9.9%	50.0%	28.7%	13.6%	31.0%	17.1%	6.9%	20.2%	68.9%	
	NZWS	400	22.8%	6.5%	31.3%	8.1%	51.5%	29.8%	12.0%	32.3%	16.0%	6.8%	19.0%	68.5%	
	Māori NZWS	269	22.8%	8.2%	37.8%	12.5%	47.8%	27.2%	16.0%	29.1%	18.7%	7.1%	22.0%	69.4%	
D - Electricity, Gas and Water Supply	Total	38	15.8%	7.9%	16.7%	13.2%	31.6%	15.8%	13.2%	18.4%	13.2%	0.0%	5.3%	47.4%	
	NZWS	21	9.5%	4.8%	20.0%	9.5%	33.3%	23.8%	19.0%	19.0%	14.3%	0.0%	0.0%	47.6%	
	Māori NZWS	17	23.5%	11.8%	12.5%	17.6%	29.4%	5.9%	5.9%	17.6%	11.8%	0.0%	11.8%	47.1%	
E - Construction	Total	370	31.7%	12.1%	16.4%	5.1%	71.9%	32.7%	10.5%	40.8%	13.8%	20.8%	21.1%	80.8%	
	NZWS	209	31.3%	11.1%	15.0%	5.5%	72.2%	26.3%	6.7%	42.6%	12.0%	20.1%	21.5%	80.9%	
	Māori NZWS	161	32.3%	13.5%	18.3%	4.5%	71.4%	41.0%	15.5%	38.5%	16.1%	21.7%	20.5%	80.7%	
F - Wholesale Trade	Total	156	24.0%	5.2%	22.1%	5.2%	30.1%	18.6%	11.5%	16.0%	8.3%	5.8%	9.6%	49.4%	
	NZWS	112	26.1%	3.6%	19.1%	4.5%	28.6%	16.1%	9.8%	17.0%	4.5%	3.6%	8.9%	44.6%	
	Māori NZWS	44	18.6%	9.3%	29.5%	7.0%	34.1%	25.0%	15.9%	13.6%	18.2%	11.4%	11.4%	61.4%	
G - Retail Trade	Total	441	17.0%	9.5%	21.6%	5.2%	32.2%	26.1%	10.9%	26.1%	11.1%	5.7%	14.3%	58.0%	
	NZWS	265	19.6%	9.4%	19.2%	3.2%	29.4%	23.8%	10.2%	26.4%	13.2%	3.4%	14.0%	55.8%	
	Māori NZWS	176	13.1%	9.7%	25.3%	8.1%	36.4%	29.5%	11.9%	25.6%	8.0%	9.1%	14.8%	61.4%	
H - Accommodation, Cafes and Restaurants	Total	179	17.5%	13.0%	43.4%	7.6%	19.0%	25.1%	19.0%	25.1%	14.0%	5.6%	21.8%	67.6%	
	NZWS	96	13.5%	10.4%	38.0%	5.6%	14.6%	26.0%	16.7%	27.1%	12.5%	5.2%	21.9%	67.7%	
	Māori NZWS	83	22.2%	16.0%	49.4%	9.8%	24.1%	24.1%	21.7%	22.9%	15.7%	6.0%	21.7%	67.5%	

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	N	Organisational factors				Current Exposure								
			Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above	
I - Transport and Storage	Total	220	39.9%	19.3%	42.4%	21.5%	39.5%	36.8%	13.2%	24.5%	8.2%	7.3%	10.0%	57.3%	
	NZWS	109	41.3%	17.4%	41.3%	20.6%	31.2%	37.6%	14.7%	26.6%	9.2%	10.1%	7.3%	54.1%	
	Māori NZWS	111	38.5%	21.1%	43.4%	22.4%	47.7%	36.0%	11.7%	22.5%	7.2%	4.5%	12.6%	60.4%	
J - Communication Services	Total	100	20.0%	8.0%	26.8%	10.1%	21.0%	16.0%	7.0%	4.0%	3.0%	7.0%	7.0%	35.0%	
	NZWS	49	22.4%	8.2%	20.8%	12.5%	12.2%	20.4%	4.1%	4.1%	2.0%	0.0%	10.2%	28.6%	
	Māori NZWS	51	17.6%	7.8%	32.7%	7.8%	29.4%	11.8%	9.8%	3.9%	3.9%	13.7%	3.9%	41.2%	
K - Finance and Insurance	Total	160	13.1%	4.4%	6.4%	0.6%	7.5%	3.1%	1.3%	0.6%	0.0%	0.0%	5.0%	14.4%	
	NZWS	118	15.3%	5.1%	6.1%	0.0%	5.1%	1.7%	1.7%	0.8%	0.0%	0.0%	1.7%	8.5%	
	Māori NZWS	42	7.1%	2.4%	7.1%	2.4%	14.3%	7.1%	0.0%	0.0%	0.0%	0.0%	14.3%	31.0%	
L - Property and Business Services	Total	482	24.4%	9.0%	19.0%	7.5%	21.8%	10.8%	4.8%	14.1%	3.7%	5.8%	7.9%	33.2%	
	NZWS	338	26.9%	9.2%	15.7%	5.2%	20.1%	10.1%	4.7%	15.7%	3.6%	5.9%	6.8%	30.2%	
	Māori NZWS	144	18.3%	8.5%	27.0%	12.7%	25.7%	12.5%	4.9%	10.4%	4.2%	5.6%	10.4%	40.3%	
M - Government Administration and Defence	Total	324	13.8%	3.1%	13.9%	9.3%	19.4%	10.5%	3.1%	9.9%	3.1%	6.2%	8.6%	32.7%	
	NZWS	180	12.9%	2.2%	10.2%	7.6%	17.2%	6.7%	2.2%	9.4%	3.3%	7.8%	8.3%	31.7%	
	Māori NZWS	144	15.0%	4.3%	18.6%	11.4%	22.2%	15.3%	4.2%	10.4%	2.8%	4.2%	9.0%	34.0%	
N - Education	Total	586	24.8%	10.3%	10.3%	2.1%	17.9%	7.5%	3.8%	9.7%	5.6%	4.3%	14.0%	35.7%	
	NZWS	332	27.8%	11.2%	9.7%	2.2%	14.2%	8.4%	4.5%	9.9%	6.6%	3.3%	14.5%	33.4%	
	Māori NZWS	254	20.9%	9.2%	11.0%	2.0%	22.8%	6.3%	2.8%	9.4%	4.3%	5.5%	13.4%	38.6%	
O - Health and Community Services	Total	639	8.2%	2.7%	29.2%	14.4%	14.6%	9.5%	8.0%	11.6%	6.1%	2.7%	18.3%	41.2%	
	NZWS	351	9.4%	2.3%	30.5%	13.6%	12.8%	9.7%	9.7%	14.5%	6.8%	2.6%	16.5%	41.3%	
	Māori NZWS	288	6.7%	3.2%	27.6%	15.3%	16.7%	9.4%	5.9%	8.0%	5.2%	2.8%	20.5%	41.0%	
P - Cultural and Recreational Services	Total	139	16.2%	5.9%	32.1%	5.3%	23.7%	17.3%	5.0%	11.5%	3.6%	5.8%	14.4%	46.0%	
	NZWS	89	17.0%	5.7%	34.1%	4.7%	21.3%	18.0%	1.1%	14.6%	4.5%	6.7%	14.6%	44.9%	
	Māori NZWS	50	14.6%	6.3%	28.3%	6.4%	28.0%	16.0%	12.0%	6.0%	2.0%	4.0%	14.0%	48.0%	
Q - Personal and other services	Total	219	20.7%	9.9%	31.1%	14.2%	25.6%	24.2%	10.0%	18.3%	9.1%	15.5%	17.4%	51.1%	
	NZWS	113	23.9%	8.8%	30.5%	12.0%	23.0%	23.9%	8.8%	22.1%	9.7%	15.0%	20.4%	51.3%	
	Māori NZWS	106	17.0%	11.0%	31.7%	16.5%	28.3%	24.5%	11.3%	14.2%	8.5%	16.0%	14.2%	50.9%	

*41 participants were missing information or could not be allocated an industry

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Study															
A - Agriculture, Forestry and Fishing	Total	329	71.6%	58.2%	65.2%	80.4%	54.9%	68.2%	42.1%	57.8%	54.4%	30.5%	43.9%	31.5%	82.8%	53.1%
	NZWS	198	69.2%	50.3%	61.9%	75.3%	49.2%	61.9%	39.7%	45.8%	40.9%	29.1%	45.2%	23.4%	86.2%	44.7%
	Māori NZWS	131	75.2%	70.3%	70.3%	88.3%	63.6%	78.0%	45.7%	75.8%	74.8%	32.6%	41.9%	44.1%	77.5%	65.9%
B - Mining	Total	18	50.0%	50.0%	38.9%	88.9%	55.6%	88.9%	44.4%	50.0%	50.0%	22.2%	94.4%	33.3%	61.1%	50.0%
	NZWS	10	40.0%	30.0%	30.0%	90.0%	50.0%	80.0%	50.0%	40.0%	40.0%	20.0%	90.0%	20.0%	60.0%	40.0%
	Māori NZWS	8	62.5%	75.0%	50.0%	87.5%	62.5%	100.0%	37.5%	62.5%	62.5%	25.0%	100.0%	50.0%	62.5%	62.5%
C - Manufacturing	Total	669	59.5%	48.7%	55.3%	76.4%	60.0%	79.6%	48.7%	40.9%	38.3%	37.7%	54.5%	25.0%	26.4%	59.7%
	NZWS	400	51.5%	40.2%	47.1%	71.6%	55.1%	76.5%	49.2%	29.5%	31.5%	30.8%	56.9%	18.7%	22.0%	52.6%
	Māori NZWS	269	71.3%	61.4%	67.4%	83.5%	67.4%	84.3%	47.9%	57.7%	48.3%	47.9%	50.9%	34.5%	33.0%	70.3%
D - Electricity, Gas and Water Supply	Total	38	50.0%	42.1%	39.5%	65.8%	44.7%	81.6%	45.9%	42.1%	42.1%	13.2%	81.6%	21.1%	55.3%	34.2%
	NZWS	21	42.9%	33.3%	28.6%	61.9%	38.1%	76.2%	50.0%	38.1%	38.1%	9.5%	81.0%	9.5%	52.4%	28.6%
	Māori NZWS	17	58.8%	52.9%	52.9%	70.6%	52.9%	88.2%	41.2%	47.1%	47.1%	17.6%	82.4%	35.3%	58.8%	41.2%
E - Construction	Total	370	73.0%	59.2%	66.9%	78.0%	55.8%	80.2%	45.7%	54.3%	56.1%	24.5%	42.9%	42.4%	70.8%	67.2%
	NZWS	209	68.9%	52.6%	57.9%	70.8%	51.2%	78.0%	48.1%	42.3%	43.0%	21.1%	42.1%	32.1%	63.5%	60.8%
	Māori NZWS	161	78.3%	67.7%	78.8%	87.5%	61.9%	83.1%	42.5%	70.0%	73.1%	28.9%	44.0%	56.0%	80.5%	75.6%
F - Wholesale Trade	Total	156	59.6%	42.9%	53.8%	75.5%	55.5%	80.8%	50.0%	36.8%	29.0%	32.1%	76.9%	10.3%	27.5%	30.8%
	NZWS	112	58.0%	38.4%	46.4%	72.1%	50.5%	78.6%	45.5%	30.6%	21.6%	28.6%	76.8%	6.3%	21.1%	24.1%
	Māori NZWS	44	63.6%	54.5%	72.7%	84.1%	68.2%	86.4%	61.4%	52.3%	47.7%	40.9%	77.3%	20.5%	43.2%	47.7%
G - Retail Trade	Total	441	65.2%	46.1%	61.7%	81.1%	63.9%	70.0%	48.4%	33.9%	35.0%	47.0%	37.9%	11.4%	20.9%	32.2%
	NZWS	265	62.5%	45.3%	56.2%	77.7%	61.4%	64.2%	46.2%	30.3%	26.1%	47.0%	40.8%	9.1%	16.6%	26.0%
	Māori NZWS	176	69.3%	47.4%	69.9%	86.4%	67.6%	78.9%	51.7%	39.2%	48.3%	47.2%	33.5%	14.8%	27.3%	41.5%
H - Accommodation, Cafes and Restaurants	Total	179	67.4%	44.6%	60.9%	86.5%	73.2%	70.4%	41.9%	18.6%	50.3%	45.3%	24.6%	11.2%	17.9%	34.1%
	NZWS	96	70.8%	40.6%	55.2%	86.5%	74.0%	70.8%	42.7%	13.8%	43.8%	47.9%	22.9%	13.5%	15.6%	31.3%
	Māori NZWS	83	63.4%	49.4%	67.5%	86.6%	72.3%	69.9%	41.0%	24.1%	57.8%	42.2%	26.5%	8.4%	20.5%	37.3%

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Study															
I - Transport and Storage	Total	220	61.2%	42.9%	41.8%	71.4%	51.8%	76.4%	46.4%	47.7%	44.7%	25.0%	88.1%	18.3%	52.1%	49.5%
	NZWS	109	54.6%	38.0%	34.9%	67.0%	48.6%	71.6%	49.5%	33.3%	36.4%	26.6%	87.0%	13.8%	38.0%	42.2%
	Māori NZWS	111	67.6%	47.7%	48.6%	75.7%	55.0%	81.1%	43.2%	61.8%	52.7%	23.4%	89.2%	22.7%	65.8%	56.8%
J - Communication Services	Total	100	58.0%	45.0%	50.0%	78.0%	64.0%	75.0%	53.0%	37.4%	42.4%	30.0%	86.0%	9.1%	35.0%	33.0%
	NZWS	49	53.1%	36.7%	40.8%	73.5%	57.1%	69.4%	59.2%	27.1%	31.3%	26.5%	83.7%	8.3%	26.5%	30.6%
	Māori NZWS	51	62.7%	52.9%	58.8%	82.4%	70.6%	80.4%	47.1%	47.1%	52.9%	33.3%	88.2%	9.8%	43.1%	35.3%
K - Finance and Insurance	Total	160	37.5%	31.3%	13.1%	70.4%	57.2%	84.4%	41.5%	13.8%	22.5%	20.0%	90.0%	0.0%	5.0%	10.6%
	NZWS	118	39.0%	33.9%	13.6%	68.4%	54.7%	83.1%	42.7%	13.7%	22.9%	18.6%	90.7%	0.0%	5.9%	11.0%
	Māori NZWS	42	33.3%	23.8%	11.9%	76.2%	64.3%	88.1%	38.1%	14.3%	21.4%	23.8%	88.1%	0.0%	2.4%	9.5%
L - Property and Business Services	Total	482	48.6%	36.8%	24.7%	64.0%	48.2%	78.7%	45.2%	16.1%	21.9%	19.9%	83.4%	7.7%	24.5%	16.2%
	NZWS	338	45.4%	35.9%	20.7%	63.2%	45.0%	77.6%	44.0%	11.3%	15.4%	17.5%	85.5%	4.2%	19.9%	10.4%
	Māori NZWS	144	56.3%	38.9%	34.0%	66.0%	55.6%	81.3%	47.9%	27.3%	37.3%	25.7%	78.5%	16.0%	35.4%	29.9%
M - Government Administration and Defence	Total	324	56.0%	37.9%	26.7%	74.5%	53.3%	81.2%	41.5%	23.2%	29.0%	17.1%	86.1%	8.7%	34.1%	21.1%
	NZWS	180	51.4%	31.8%	19.0%	70.4%	46.9%	78.3%	37.2%	14.4%	21.7%	12.8%	88.3%	5.6%	27.2%	15.6%
	Māori NZWS	144	61.8%	45.5%	36.4%	79.7%	61.3%	84.7%	46.9%	34.3%	38.2%	22.4%	83.3%	12.5%	42.7%	27.8%
N - Education	Total	586	54.8%	25.3%	36.9%	58.9%	41.5%	75.5%	29.3%	20.0%	28.6%	27.0%	74.8%	7.2%	39.5%	28.7%
	NZWS	332	52.4%	23.0%	31.3%	50.5%	43.4%	74.5%	29.8%	17.2%	24.2%	29.6%	74.2%	5.1%	29.8%	24.1%
	Māori NZWS	254	57.9%	28.5%	44.3%	70.0%	39.0%	76.8%	28.6%	23.6%	34.3%	23.6%	75.6%	9.8%	52.2%	34.8%
O - Health and Community Services	Total	639	61.3%	40.3%	41.6%	68.9%	51.7%	71.3%	31.9%	15.8%	30.6%	25.2%	65.8%	6.8%	23.5%	22.4%
	NZWS	351	59.5%	36.9%	34.9%	62.2%	49.1%	68.8%	32.7%	11.5%	23.3%	26.3%	64.6%	4.6%	15.8%	18.6%
	Māori NZWS	288	63.5%	44.6%	49.8%	77.0%	54.9%	74.4%	30.9%	21.1%	39.6%	23.9%	67.3%	9.5%	33.0%	27.0%
P - Cultural and Recreational Services	Total	139	65.5%	44.6%	37.4%	74.8%	57.6%	76.3%	37.4%	33.8%	33.1%	38.1%	69.8%	6.5%	27.3%	26.6%
	NZWS	89	64.0%	38.2%	36.0%	71.9%	53.9%	70.8%	32.6%	28.1%	25.8%	36.0%	66.3%	4.5%	21.3%	21.3%
	Māori NZWS	50	68.0%	56.0%	40.0%	80.0%	64.0%	86.0%	46.0%	44.0%	46.0%	42.0%	76.0%	10.0%	38.0%	36.0%
Q - Personal and other services	Total	219	61.3%	44.4%	42.0%	77.6%	54.8%	70.8%	37.4%	26.6%	40.1%	27.5%	64.8%	20.5%	45.9%	34.7%
	NZWS	113	55.8%	38.7%	38.1%	75.2%	51.3%	69.9%	36.3%	20.5%	27.7%	33.9%	65.5%	21.2%	40.2%	29.2%
	Māori NZWS	106	67.3%	50.5%	46.2%	80.2%	58.5%	71.7%	38.7%	33.0%	53.3%	20.8%	64.2%	19.8%	51.9%	40.6%

*41 participants were missing information or could not be allocated an industry

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
A - Agriculture, Forestry and Fishing	Total	329	8.8%	35.7%	5.5%	10.4%	0.9%	49.4%	8.5%	83.0%	27.1%	46.6%	29.3%	17.7%	8.8%	1.5%	43.6%	35.4%	24.1%
	NZWS	198	3.0%	38.9%	3.5%	8.6%	0.5%	66.7%	0.5%	87.9%	29.8%	44.9%	36.9%	17.7%	10.6%	1.5%	49.0%	40.9%	17.7%
	Māori NZWS	131	17.7%	30.8%	8.5%	13.1%	1.5%	23.1%	20.8%	75.6%	23.1%	49.2%	17.7%	17.7%	6.2%	1.5%	35.4%	26.9%	33.8%
B - Mining	Total	18	0.0%	27.8%	16.7%	44.4%	0.0%	27.8%	11.1%	83.3%	66.7%	66.7%	27.8%	33.3%	22.2%	0.0%	27.8%	22.2%	66.7%
	NZWS	10	0.0%	30.0%	10.0%	50.0%	0.0%	40.0%	0.0%	90.0%	60.0%	70.0%	50.0%	20.0%	10.0%	0.0%	20.0%	20.0%	90.0%
	Māori NZWS	8	0.0%	25.0%	25.0%	37.5%	0.0%	12.5%	25.0%	75.0%	75.0%	62.5%	0.0%	50.0%	37.5%	0.0%	37.5%	25.0%	37.5%
C - Manufacturing	Total	669	3.4%	48.4%	27.6%	37.6%	7.2%	3.6%	13.2%	71.2%	36.4%	45.4%	30.9%	19.6%	9.3%	1.0%	37.8%	36.9%	21.6%
	NZWS	400	2.8%	52.5%	30.0%	34.0%	5.5%	4.0%	8.0%	67.0%	37.8%	41.5%	35.5%	19.8%	9.5%	1.0%	36.8%	38.0%	13.8%
	Māori NZWS	269	4.5%	42.3%	24.0%	43.1%	9.7%	3.0%	21.0%	77.5%	34.5%	51.3%	24.0%	19.5%	9.0%	1.1%	39.3%	35.2%	33.3%
D - Electricity, Gas and Water Supply	Total	38	2.6%	34.2%	18.4%	55.3%	5.3%	18.4%	13.2%	65.8%	39.5%	57.9%	34.2%	15.8%	10.5%	5.3%	34.2%	23.7%	36.8%
	NZWS	21	0.0%	47.6%	23.8%	47.6%	4.8%	23.8%	0.0%	71.4%	42.9%	61.9%	57.1%	19.0%	14.3%	9.5%	33.3%	28.6%	28.6%
	Māori NZWS	17	5.9%	17.6%	11.8%	64.7%	5.9%	11.8%	29.4%	58.8%	35.3%	52.9%	5.9%	11.8%	5.9%	0.0%	35.3%	17.6%	47.1%
E - Construction	Total	370	7.6%	52.8%	7.0%	17.6%	2.4%	27.1%	14.4%	82.4%	49.7%	51.4%	24.1%	45.4%	14.9%	2.7%	32.2%	51.1%	27.6%
	NZWS	209	3.3%	58.9%	7.7%	18.2%	2.4%	34.4%	3.8%	84.2%	47.8%	51.2%	36.4%	44.5%	14.4%	1.9%	30.1%	55.5%	27.8%
	Māori NZWS	161	13.1%	45.0%	6.3%	16.9%	2.5%	17.5%	28.1%	80.1%	52.2%	51.6%	8.1%	46.6%	15.5%	3.7%	34.8%	45.3%	27.3%
F - Wholesale Trade	Total	156	1.9%	57.1%	9.0%	45.5%	1.9%	5.8%	5.8%	42.9%	16.7%	30.1%	16.0%	5.8%	2.6%	0.6%	17.3%	14.1%	12.8%
	NZWS	112	2.7%	59.8%	7.1%	42.9%	1.8%	6.3%	1.8%	42.0%	13.4%	28.6%	17.9%	6.3%	1.8%	0.0%	18.8%	13.4%	8.9%
	Māori NZWS	44	0.0%	50.0%	13.6%	52.3%	2.3%	4.5%	15.9%	45.5%	25.0%	34.1%	11.4%	4.5%	4.5%	2.3%	13.6%	15.9%	22.7%
G - Retail Trade	Total	441	2.5%	54.3%	14.1%	49.8%	4.3%	2.7%	6.1%	43.3%	15.6%	22.2%	18.1%	7.0%	1.8%	0.7%	25.2%	9.5%	6.8%
	NZWS	265	1.9%	58.5%	15.5%	46.8%	1.9%	3.0%	3.0%	39.6%	17.4%	16.6%	19.2%	7.9%	1.9%	0.8%	25.3%	10.2%	3.0%
	Māori NZWS	176	3.4%	48.0%	12.0%	54.3%	8.0%	2.3%	10.9%	48.9%	13.1%	30.7%	16.5%	5.7%	1.7%	0.6%	25.0%	8.5%	12.5%
H - Accommodation, Cafes and Restaurants	Total	179	2.2%	74.3%	34.1%	31.3%	12.8%	2.8%	6.7%	53.9%	3.9%	14.0%	29.8%	3.9%	2.8%	0.0%	36.5%	1.1%	3.9%
	NZWS	96	1.0%	71.9%	42.7%	25.0%	3.1%	4.2%	2.1%	57.3%	4.2%	15.6%	38.5%	4.2%	3.1%	0.0%	38.5%	1.0%	2.1%
	Māori NZWS	83	3.6%	77.1%	24.1%	38.6%	24.1%	1.2%	12.0%	50.0%	3.7%	12.2%	19.5%	3.7%	2.4%	0.0%	34.1%	1.2%	6.1%

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
I - Transport and Storage	Total	220	1.8%	51.8%	6.8%	53.2%	2.7%	9.1%	10.5%	53.6%	17.7%	38.6%	19.5%	8.2%	3.2%	0.5%	22.3%	18.2%	19.1%
	NZWS	109	0.0%	50.5%	10.1%	50.5%	2.8%	13.8%	4.6%	55.0%	19.3%	38.5%	32.1%	8.3%	4.6%	0.9%	25.7%	23.9%	10.1%
	Māori NZWS	111	3.6%	53.2%	3.6%	55.9%	2.7%	4.5%	16.2%	52.3%	16.2%	38.7%	7.2%	8.1%	1.8%	0.0%	18.9%	12.6%	27.9%
J - Communication Services	Total	100	4.0%	51.0%	3.0%	65.0%	0.0%	7.0%	7.0%	36.0%	5.0%	16.0%	14.0%	1.0%	0.0%	0.0%	6.0%	3.0%	20.0%
	NZWS	49	2.0%	36.7%	2.0%	61.2%	0.0%	8.2%	4.1%	30.6%	6.1%	12.2%	20.4%	0.0%	0.0%	0.0%	6.1%	4.1%	10.2%
	Māori NZWS	51	5.9%	64.7%	3.9%	68.6%	0.0%	5.9%	9.8%	41.2%	3.9%	19.6%	7.8%	2.0%	0.0%	0.0%	5.9%	2.0%	29.4%
K - Finance and Insurance	Total	160	0.0%	19.4%	1.3%	90.6%	0.6%	0.0%	3.1%	5.0%	0.6%	2.5%	1.9%	0.0%	0.0%	0.0%	1.3%	1.3%	2.5%
	NZWS	118	0.0%	21.2%	0.8%	88.1%	0.8%	0.0%	2.5%	4.2%	0.0%	1.7%	1.7%	0.0%	0.0%	0.0%	0.8%	1.7%	1.7%
	Māori NZWS	42	0.0%	14.3%	2.4%	97.6%	0.0%	0.0%	4.8%	7.3%	2.4%	4.9%	2.4%	0.0%	0.0%	0.0%	2.4%	0.0%	4.9%
L - Property and Business Services	Total	482	1.9%	50.8%	5.4%	53.7%	2.3%	5.2%	5.4%	25.7%	8.9%	10.4%	9.8%	5.8%	2.3%	0.4%	13.9%	6.8%	8.7%
	NZWS	338	1.5%	52.4%	4.4%	53.3%	2.4%	6.5%	3.6%	26.0%	9.8%	10.9%	12.7%	6.5%	1.5%	0.3%	13.3%	7.7%	8.9%
	Māori NZWS	144	2.8%	47.2%	7.6%	54.9%	2.1%	2.1%	9.7%	25.0%	6.9%	9.0%	2.8%	4.2%	4.2%	0.7%	15.3%	4.9%	8.3%
M - Government Administration and Defence	Total	324	1.9%	36.5%	4.0%	68.7%	0.6%	5.6%	5.3%	28.8%	11.8%	16.7%	11.5%	6.8%	2.8%	1.2%	13.3%	9.0%	13.0%
	NZWS	180	0.6%	36.1%	3.3%	72.8%	1.1%	8.3%	1.7%	30.0%	11.7%	16.1%	17.8%	8.3%	2.8%	1.1%	14.4%	10.6%	10.6%
	Māori NZWS	144	3.5%	37.1%	4.9%	63.6%	0.0%	2.1%	9.8%	27.3%	11.9%	17.5%	3.5%	4.9%	2.8%	1.4%	11.9%	7.0%	16.1%
N - Education	Total	586	0.5%	85.8%	8.4%	29.5%	2.7%	1.2%	6.7%	22.4%	6.0%	3.9%	7.0%	3.6%	0.2%	0.2%	15.9%	2.2%	2.6%
	NZWS	332	0.3%	87.7%	9.3%	20.5%	2.7%	1.5%	3.3%	20.2%	6.6%	2.7%	7.5%	3.3%	0.3%	0.3%	15.1%	2.1%	0.6%
	Māori NZWS	254	0.8%	83.5%	7.1%	41.3%	2.8%	0.8%	11.0%	25.2%	5.1%	5.5%	6.3%	3.9%	0.0%	0.0%	16.9%	2.4%	5.1%
O - Health and Community Services	Total	639	1.4%	67.4%	8.3%	45.5%	2.7%	1.1%	7.5%	54.9%	9.9%	10.9%	28.3%	17.0%	0.8%	0.3%	48.7%	1.1%	8.5%
	NZWS	351	1.7%	67.8%	9.1%	39.0%	2.0%	1.4%	3.4%	57.7%	13.4%	10.3%	31.4%	20.6%	0.9%	0.3%	52.9%	1.4%	4.3%
	Māori NZWS	288	1.0%	66.9%	7.3%	53.3%	3.5%	0.7%	12.5%	51.4%	5.6%	11.6%	24.6%	12.6%	0.7%	0.4%	43.5%	0.7%	13.7%
P - Cultural and Recreational Services	Total	139	1.4%	60.1%	11.6%	41.3%	2.2%	10.1%	6.5%	30.4%	10.1%	8.0%	5.1%	5.8%	2.9%	0.0%	13.8%	9.4%	13.0%
	NZWS	89	1.1%	56.2%	11.2%	39.3%	1.1%	11.2%	5.6%	29.2%	10.1%	7.9%	7.9%	7.9%	3.4%	0.0%	14.6%	9.0%	11.2%
	Māori NZWS	50	2.0%	67.3%	12.2%	44.9%	4.1%	8.2%	8.2%	32.7%	10.2%	8.2%	0.0%	2.0%	2.0%	0.0%	12.2%	10.2%	16.3%
Q - Personal and other services	Total	219	3.7%	57.8%	7.8%	36.7%	2.3%	11.9%	12.4%	45.4%	16.5%	20.2%	20.2%	7.8%	3.2%	5.0%	30.3%	13.3%	16.1%
	NZWS	113	1.8%	59.3%	8.8%	33.6%	0.0%	14.2%	2.7%	51.3%	18.6%	21.2%	30.1%	7.1%	5.3%	7.1%	37.2%	17.7%	12.4%
	Māori NZWS	106	5.7%	56.2%	6.7%	40.0%	4.8%	9.5%	22.9%	39.0%	14.3%	19.0%	9.5%	8.6%	1.0%	2.9%	22.9%	8.6%	20.0%

*41 participants were missing information or could not be allocated an industry

Table 8 presents the prevalences of self-reported exposures and control measures for each specific job at the 5-digit NZSCO level. This table contains too much information for a summary description and therefore we have provided examples for how to use this table below. Please note that prevalence data for occupations with three people or less have been omitted to protect privacy.

Examples for how to use this table:

- Example 1, dust exposure
The broad occupational group trades workers (NZSCO 7) reported the highest prevalence of exposure to dust. A closer look at the specific occupations reveals that 100% (n=20) of carpenters/joiners (NZSCO code: 71121) in the NZWS reported dust exposure in contrast to 60% (n=6) in the Māori NZWS, and 95% (n=36) of NZWS builders (code 71122) and 86% (n=18) of Māori NZWS builders reported exposure to dust. Other groups (with more than 5 people) with exposure prevalences >75% for both surveys included bricklayers, plasterers, painters, welder/fitters, panel beaters, cabinet makers, and carpet layers.
- Example 2, pesticide exposure
The broad group of agricultural and fishery workers reported the highest prevalence of exposure to pesticides. A closer look within this group reveals that of the animal producing occupations, 54% of dairy farmers (code 61211) reported pesticide exposure for the NZWS and 65% reported exposure in the Māori NZWS. For the NZWS, 81% of sheep farmers (code 61212) and 75% of cattle farmers (code 61213) reported pesticide exposure (there were no or few participants in these groups for the Māori NZWS.)
- Example 3, work organisation
Work organisation factors in registered nurses (code 22312) showed that, while they don't have a high prevalence of working long hours, 53% of the NZWS participants and 36% of the Māori NZWS participants reported working regularly outside the hours of 7am-8.30pm and one third reported working night shift in the previous month.

Table 8: Prevalence of current job exposures and control measures by 5-digit occupation and survey

NZSCO 5-DIGIT OCCUPATIONAL CODE	Study	N	Organisational factors				Current Exposures								
			Hours worked >48 hours	Hours worked >55 hours	Irregular hours	Night shift in last 4 weeks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above	
11111-Member of Parliament	Total	0													
	NZWS	0													
	Maori NZWS	0													
11112-Local Government Legislator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	
11211-Chief Executive - Central Government	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0													
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	
11212-Chief Executive - Local Government	Total	0													
	NZWS	0													
	Maori NZWS	0													
11213-Diplomatic Representative	Total	0													
	NZWS	0													
	Maori NZWS	0													
11311-Chief Executive and/or Managing Director	Total	38	55.3%	18.4%	16.7%	15.8%	31.6%	18.4%	5.3%	13.2%	7.9%	5.3%	10.5%	36.8%	
	NZWS	29	51.7%	17.2%	14.3%	10.3%	24.1%	17.2%	3.4%	13.8%	3.4%	0.0%	6.9%	31.0%	
	Maori NZWS	9	66.7%	22.2%	25.0%	33.3%	55.6%	22.2%	11.1%	11.1%	22.2%	22.2%	22.2%	55.6%	
11411-Special-Interest Organisation Administrator	Total	10	20.0%	20.0%	50.0%	0.0%	20.0%	0.0%	0.0%	10.0%	10.0%	0.0%	10.0%	20.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	7	14.3%	14.3%	71.4%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	
12111-General Manager	Total	69	43.5%	21.7%	12.9%	3.0%	13.0%	5.8%	2.9%	10.1%	4.3%	2.9%	2.9%	20.3%	
	NZWS	53	43.4%	20.8%	12.2%	3.8%	11.3%	5.7%	1.9%	9.4%	1.9%	0.0%	1.9%	17.0%	
	Maori NZWS	16	43.8%	25.0%	15.4%	0.0%	18.8%	6.3%	6.3%	12.5%	12.5%	12.5%	6.3%	31.3%	

12241-Sales and/or Marketing Manager	Total	63	39.7%	12.7%	11.5%	1.6%	23.8%	12.7%	3.2%	6.3%	1.6%	3.2%	3.2%	36.5%
	NZWS	49	38.8%	8.2%	12.5%	0.0%	22.4%	14.3%	2.0%	6.1%	0.0%	2.0%	4.1%	36.7%
	Maori NZWS	14	42.9%	28.6%	7.7%	7.7%	28.6%	7.1%	7.1%	7.1%	7.1%	7.1%	0.0%	35.7%
12251-Advertising and Public Relations Manager	Total	9	66.7%	22.2%	22.2%	0.0%	11.1%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	22.2%
	NZWS	5	80.0%	40.0%	20.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	20.0%
	Maori NZWS	4	50.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
12261-Supply and Distribution Manager	Total	14	28.6%	14.3%	21.4%	7.1%	28.6%	7.1%	7.1%	14.3%	7.1%	14.3%	0.0%	64.3%
	NZWS	9	33.3%	11.1%	11.1%	11.1%	22.2%	11.1%	11.1%	11.1%	0.0%	22.2%	0.0%	66.7%
	Maori NZWS	5	20.0%	20.0%	40.0%	0.0%	40.0%	0.0%	0.0%	20.0%	20.0%	0.0%	0.0%	60.0%
12262-Wholesale and Warehouse Manager	Total	12	58.3%	33.3%	33.3%	16.7%	58.3%	41.7%	16.7%	33.3%	8.3%	8.3%	8.3%	58.3%
	NZWS	9	55.6%	33.3%	33.3%	11.1%	55.6%	44.4%	11.1%	33.3%	0.0%	11.1%	11.1%	55.6%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
12263-Retail Manager	Total	90	34.4%	24.4%	18.2%	8.0%	23.3%	14.4%	4.4%	18.9%	5.6%	4.4%	10.0%	46.7%
	NZWS	61	36.1%	23.0%	15.3%	5.0%	24.6%	14.8%	6.6%	19.7%	6.6%	4.9%	11.5%	50.8%
	Maori NZWS	29	31.0%	27.6%	24.1%	14.8%	20.7%	13.8%	0.0%	17.2%	3.4%	3.4%	6.9%	37.9%
12264-Hotel or Motel Manager	Total	8	37.5%	37.5%	57.1%	0.0%	25.0%	12.5%	0.0%	12.5%	25.0%	0.0%	25.0%	62.5%
	NZWS	5	20.0%	20.0%	50.0%	0.0%	20.0%	20.0%	0.0%	0.0%	20.0%	0.0%	20.0%	60.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
12265-Restaurant or Tavern Manager	Total	13	38.5%	30.8%	46.2%	15.4%	23.1%	23.1%	30.8%	15.4%	0.0%	0.0%	15.4%	69.2%
	NZWS	7	42.9%	28.6%	42.9%	14.3%	28.6%	28.6%	28.6%	28.6%	0.0%	0.0%	0.0%	71.4%
	Maori NZWS	6	33.3%	33.3%	50.0%	16.7%	16.7%	16.7%	33.3%	0.0%	0.0%	0.0%	33.3%	66.7%
12266-Other Lodging Services Manager	Total	5	66.7%	33.3%	60.0%	20.0%	20.0%	0.0%	0.0%	20.0%	20.0%	40.0%	0.0%	40.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
12267-Other Catering Services Manager	Total	28	32.1%	21.4%	46.4%	18.5%	14.3%	17.9%	17.9%	21.4%	10.7%	3.6%	21.4%	50.0%
	NZWS	4	25.0%	0.0%	25.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	25.0%	50.0%
	Maori NZWS	24	33.3%	25.0%	50.0%	17.4%	12.5%	16.7%	20.8%	25.0%	12.5%	4.2%	20.8%	50.0%
12271-Information Technology Manager	Total	10	50.0%	10.0%	11.1%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%
	NZWS	8	37.5%	0.0%	14.3%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
12281-Research and Development Manager	Total	7	28.6%	0.0%	16.7%	14.3%	28.6%	14.3%	0.0%	14.3%	28.6%	14.3%	0.0%	42.9%
	NZWS	7	28.6%	0.0%	16.7%	14.3%	28.6%	14.3%	0.0%	14.3%	28.6%	14.3%	0.0%	42.9%
	Maori NZWS	0												
12282-Quality Assurance Manager	Total	13	30.8%	15.4%	30.8%	0.0%	15.4%	15.4%	0.0%	15.4%	7.7%	0.0%	7.7%	30.8%
	NZWS	11	27.3%	9.1%	27.3%	0.0%	18.2%	9.1%	0.0%	18.2%	9.1%	0.0%	9.1%	27.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
12291-Office Manager	Total	28	14.3%	3.6%	3.6%	0.0%	21.4%	14.3%	0.0%	3.6%	0.0%	3.6%	7.1%	25.0%
	NZWS	13	23.1%	7.7%	7.7%	0.0%	15.4%	7.7%	0.0%	7.7%	0.0%	0.0%	7.7%	15.4%
	Maori NZWS	15	6.7%	0.0%	0.0%	0.0%	26.7%	20.0%	0.0%	0.0%	0.0%	6.7%	6.7%	33.3%

21111-Physicist	Total	0												
	NZWS	0												
	Maori NZWS	0												
21121-Meteorologist	Total	0												
	NZWS	0												
	Maori NZWS	0												
21131-Chemist (Other than Pharmacist)	Total	4	0.0%	0.0%	25.0%	0.0%	25.0%	25.0%	50.0%	50.0%	50.0%	0.0%	25.0%	100.0%
	NZWS	4	0.0%	0.0%	25.0%	0.0%	25.0%	25.0%	50.0%	50.0%	50.0%	0.0%	25.0%	100.0%
	Maori NZWS	0												
21141-Geologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
21142-Geophysicist	Total	0												
	NZWS	0												
	Maori NZWS	0												
21211-Mathematician and/or Statistician	Total	0												
	NZWS	0												
	Maori NZWS	0												
21311-Systems Analyst	Total	23	21.7%	4.3%	27.3%	4.3%	8.7%	4.3%	0.0%	4.3%	0.0%	0.0%	8.7%	17.4%
	NZWS	13	23.1%	0.0%	30.8%	0.0%	15.4%	7.7%	0.0%	7.7%	0.0%	0.0%	15.4%	30.8%
	Maori NZWS	10	20.0%	10.0%	22.2%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
21312-Computer Applications Engineer	Total	36	13.9%	8.3%	17.1%	14.7%	25.0%	5.6%	2.8%	11.1%	0.0%	2.8%	11.1%	30.6%
	NZWS	26	15.4%	7.7%	12.0%	8.3%	19.2%	3.8%	0.0%	11.5%	0.0%	0.0%	7.7%	26.9%
	Maori NZWS	10	10.0%	10.0%	30.0%	30.0%	40.0%	10.0%	10.0%	10.0%	0.0%	10.0%	20.0%	40.0%
21313-Systems Manager	Total	13	0.0%	0.0%	15.4%	7.7%	15.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15.4%
	NZWS	11	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
21411-Architect	Total	8	25.0%	0.0%	0.0%	0.0%	62.5%	37.5%	12.5%	25.0%	12.5%	25.0%	12.5%	62.5%
	NZWS	8	25.0%	0.0%	0.0%	0.0%	62.5%	37.5%	12.5%	25.0%	12.5%	25.0%	12.5%	62.5%
	Maori NZWS	0												
21412-Resource Management Planner	Total	7	0.0%	0.0%	0.0%	0.0%	28.6%	14.3%	0.0%	0.0%	0.0%	14.3%	14.3%	42.9%
	NZWS	7	0.0%	0.0%	0.0%	0.0%	28.6%	14.3%	0.0%	0.0%	0.0%	14.3%	14.3%	42.9%
	Maori NZWS	0												
21413-Landscape Architect	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
21421-Roading Engineer	Total	0												
	NZWS	0												
	Maori NZWS	0												

21422-Water Resources Engineer	Total	5	20.0%	20.0%	40.0%	0.0%	80.0%	60.0%	60.0%	60.0%	60.0%	0.0%	20.0%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
21423-Public Health Engineer	Total	0												
	NZWS	0												
	Maori NZWS	0												
21425-Structural Engineer	Total	6	33.3%	33.3%	16.7%	0.0%	33.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	NZWS	6	33.3%	33.3%	16.7%	0.0%	33.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	Maori NZWS	0												
21426-Other Civil Engineer	Total	9	33.3%	11.1%	0.0%	11.1%	44.4%	0.0%	11.1%	22.2%	11.1%	22.2%	22.2%	66.7%
	NZWS	8	37.5%	12.5%	0.0%	12.5%	37.5%	0.0%	12.5%	25.0%	12.5%	25.0%	25.0%	62.5%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
21431-Electrical Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
21441-Electronic and Telecommunications Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
21451-Heating, Ventilation and Refrigeration Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
21452-Naval Architect and/or Ships' Surveyor	Total	0												
	NZWS	0												
	Maori NZWS	0												
21453-Aeronautical Engineer and/or Aircraft Surveyor	Total	10	40.0%	10.0%	60.0%	30.0%	70.0%	40.0%	50.0%	80.0%	40.0%	20.0%	50.0%	80.0%
	NZWS	6	33.3%	16.7%	66.7%	50.0%	50.0%	33.3%	50.0%	66.7%	33.3%	33.3%	50.0%	66.7%
	Maori NZWS	4	50.0%	0.0%	50.0%	0.0%	100.0%	50.0%	50.0%	100.0%	50.0%	0.0%	50.0%	100.0%
21454-Agricultural Engineer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
21455-Other Mechanical Engineer	Total	14	28.6%	7.1%	35.7%	14.3%	57.1%	42.9%	14.3%	35.7%	35.7%	7.1%	14.3%	71.4%
	NZWS	10	30.0%	10.0%	40.0%	10.0%	70.0%	50.0%	20.0%	30.0%	40.0%	10.0%	10.0%	80.0%
	Maori NZWS	4	25.0%	0.0%	25.0%	25.0%	25.0%	25.0%	0.0%	50.0%	25.0%	0.0%	25.0%	50.0%
21461-Chemical Engineer	Total	4	25.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	25.0%	25.0%	0.0%	25.0%	50.0%
	NZWS	4	25.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	25.0%	25.0%	0.0%	25.0%	50.0%
	Maori NZWS	0												
21471-Metallurgist	Total	0												
	NZWS	0												
	Maori NZWS	0												

21472-Mining Engineer	Total	0												
	NZWS	0												
	Maori NZWS	0												
21481-Surveyor	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
21483-Cartographer and Photogrammetrist	Total	0												
	NZWS	0												
	Maori NZWS	0												
22111-Biologist	Total	0												
	NZWS	0												
	Maori NZWS	0												
22112-Botanist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22113-Zoologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22114-Agronomist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22115-Horticultural Scientist	Total	0												
	NZWS	0												
	Maori NZWS	0												
22116-Forestry Scientist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22117-Environmental Scientist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22121-Biochemist	Total	0												
	NZWS	0												
	Maori NZWS	0												
22122-Microbiologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22123-Medical Pathologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

22131-Soil Scientist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22132-Agricultural Consultant	Total	6	50.0%	0.0%	33.3%	16.7%	50.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	50.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	40.0%	0.0%	40.0%	20.0%	60.0%	0.0%	0.0%	0.0%	0.0%	40.0%	0.0%	60.0%
22133-Conservation Officer	Total	0												
	NZWS	0												
	Maori NZWS	0												
22134-Horticultural Consultant	Total	0												
	NZWS	0												
	Maori NZWS	0												
22135-Land Management Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22211-General Practitioner	Total	8	12.5%	12.5%	57.1%	14.3%	12.5%	12.5%	25.0%	12.5%	12.5%	12.5%	12.5%	37.5%
	NZWS	7	14.3%	14.3%	66.7%	16.7%	14.3%	14.3%	28.6%	14.3%	14.3%	14.3%	14.3%	42.9%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22212-Resident Medical Officer	Total	10	60.0%	0.0%	66.7%	22.2%	0.0%	0.0%	10.0%	20.0%	0.0%	0.0%	20.0%	50.0%
	NZWS	9	55.6%	0.0%	75.0%	22.2%	0.0%	0.0%	11.1%	22.2%	0.0%	0.0%	22.2%	55.6%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22213-Surgeon	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22214-Physician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22215-Gynaecologist and Obstetrician	Total	0												
	NZWS	0												
	Maori NZWS	0												
22216-Radiologist, Radiation Oncologist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22217-Anaesthetist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22221-Dentist and Dental Surgeon	Total	4	25.0%	0.0%	50.0%	0.0%	25.0%	0.0%	0.0%	25.0%	25.0%	0.0%	50.0%	75.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-

22231-Veterinarian	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
22241-Hospital Pharmacist	Total	0												
	NZWS	0												
	Maori NZWS	0												
22242-Retail Pharmacist	Total	6	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	66.7%	66.7%	0.0%	50.0%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
22251-Dietitian and Public Health Nutritionist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22261-Optometrist	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22311-Principal Nurse	Total	7	0.0%	0.0%	0.0%	0.0%	14.3%	14.3%	14.3%	14.3%	14.3%	14.3%	0.0%	28.6%
	NZWS	6	0.0%	0.0%	0.0%	0.0%	16.7%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	16.7%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
22312-Registered Nurse	Total	101	5.0%	1.0%	45.5%	29.9%	17.8%	11.9%	22.8%	15.8%	5.9%	3.0%	26.7%	51.5%
	NZWS	59	5.1%	1.7%	52.5%	27.3%	11.9%	8.5%	27.1%	15.3%	5.1%	1.7%	28.8%	52.5%
	Maori NZWS	42	4.8%	0.0%	35.7%	33.3%	26.2%	16.7%	16.7%	16.7%	7.1%	4.8%	23.8%	50.0%
22313-Psychiatric Nurse	Total	9	0.0%	0.0%	66.7%	66.7%	11.1%	22.2%	0.0%	0.0%	0.0%	0.0%	33.3%	44.4%
	NZWS	7	0.0%	0.0%	71.4%	71.4%	14.3%	28.6%	0.0%	0.0%	0.0%	0.0%	28.6%	42.9%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
22314-Plunket Nurse	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
22315-Public Health and District Nurse	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
22316-Occupational Health Nurse	Total	0												
	NZWS	0												
	Maori NZWS	0												
22317-Midwife	Total	6	0.0%	0.0%	50.0%	50.0%	50.0%	16.7%	83.3%	16.7%	66.7%	0.0%	33.3%	100.0%
	NZWS	4	0.0%	0.0%	50.0%	50.0%	50.0%	25.0%	75.0%	0.0%	75.0%	0.0%	0.0%	100.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
23111-University and Higher Education Lecturer and/or Tutor	Total	68	27.3%	12.1%	13.8%	1.5%	7.4%	5.9%	1.5%	5.9%	2.9%	2.9%	11.8%	22.1%
	NZWS	43	26.2%	11.9%	7.3%	0.0%	2.3%	4.7%	0.0%	2.3%	2.3%	4.7%	9.3%	18.6%
	Maori NZWS	25	29.2%	12.5%	25.0%	4.2%	16.0%	8.0%	4.0%	12.0%	4.0%	0.0%	16.0%	28.0%

23211-Secondary School Teacher	Total	102	43.0%	17.0%	11.3%	3.0%	19.6%	15.7%	8.8%	16.7%	9.8%	3.9%	11.8%	41.2%
	NZWS	62	48.4%	16.1%	14.0%	1.7%	17.7%	21.0%	11.3%	21.0%	16.1%	3.2%	14.5%	41.9%
	Maori NZWS	40	34.2%	18.4%	7.5%	5.1%	22.5%	7.5%	5.0%	10.0%	0.0%	5.0%	7.5%	40.0%
23311-Primary School Teacher	Total	94	40.4%	12.8%	10.3%	1.1%	19.1%	6.4%	0.0%	4.3%	1.1%	3.2%	12.8%	29.8%
	NZWS	62	40.3%	16.1%	8.6%	0.0%	14.5%	9.7%	0.0%	4.8%	1.6%	3.2%	11.3%	25.8%
	Maori NZWS	32	40.6%	6.3%	13.8%	3.1%	28.1%	0.0%	0.0%	3.1%	0.0%	3.1%	15.6%	37.5%
23321-Early Childhood Teacher	Total	32	3.1%	0.0%	9.4%	0.0%	21.9%	3.1%	0.0%	9.4%	3.1%	3.1%	31.3%	50.0%
	NZWS	22	4.5%	0.0%	13.6%	0.0%	18.2%	0.0%	0.0%	9.1%	4.5%	0.0%	31.8%	50.0%
	Maori NZWS	10	0.0%	0.0%	0.0%	0.0%	30.0%	10.0%	0.0%	10.0%	0.0%	10.0%	30.0%	50.0%
23322-Kōhanga Reo Teacher	Total	18	0.0%	0.0%	12.5%	0.0%	33.3%	5.6%	0.0%	0.0%	0.0%	16.7%	11.1%	44.4%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	17	0.0%	0.0%	13.3%	0.0%	35.3%	5.9%	0.0%	0.0%	0.0%	17.6%	11.8%	47.1%
23411-Special Education Teacher	Total	18	38.9%	5.6%	5.9%	5.6%	22.2%	11.1%	5.6%	5.6%	5.6%	5.6%	11.1%	38.9%
	NZWS	13	30.8%	7.7%	0.0%	0.0%	15.4%	7.7%	0.0%	0.0%	0.0%	0.0%	7.7%	23.1%
	Maori NZWS	5	60.0%	0.0%	20.0%	20.0%	40.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	80.0%
23412-Speech-Language Therapist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
23413-Teacher of English to Speakers of Other Languages	Total	8	12.5%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	25.0%
	NZWS	6	16.7%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	33.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
23511-Education Adviser	Total	6	16.7%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
23521-Education Reviewer	Total	10	30.0%	10.0%	20.0%	0.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
	NZWS	5	40.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	5	20.0%	20.0%	20.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
24111-Accountant	Total	44	25.0%	6.8%	15.9%	2.3%	4.5%	2.3%	0.0%	4.5%	0.0%	0.0%	0.0%	6.8%
	NZWS	33	24.2%	9.1%	15.2%	0.0%	6.1%	0.0%	0.0%	3.0%	0.0%	0.0%	0.0%	6.1%
	Maori NZWS	11	27.3%	0.0%	18.2%	9.1%	0.0%	9.1%	0.0%	9.1%	0.0%	0.0%	0.0%	9.1%
24113-Auditor	Total	7	14.3%	0.0%	16.7%	0.0%	42.9%	0.0%	14.3%	0.0%	0.0%	14.3%	0.0%	42.9%
	NZWS	4	25.0%	0.0%	25.0%	0.0%	50.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	50.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
24121-Human Resources Officer	Total	22	4.5%	0.0%	14.3%	4.8%	4.5%	0.0%	0.0%	0.0%	4.5%	0.0%	4.5%	13.6%
	NZWS	18	5.6%	0.0%	17.6%	0.0%	5.6%	0.0%	0.0%	0.0%	5.6%	0.0%	0.0%	11.1%
	Maori NZWS	4	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%
24122-Training and Development Officer	Total	18	11.1%	5.6%	5.6%	5.6%	11.1%	11.1%	5.6%	5.6%	0.0%	5.6%	5.6%	27.8%
	NZWS	7	14.3%	14.3%	0.0%	14.3%	0.0%	14.3%	14.3%	0.0%	0.0%	0.0%	14.3%	14.3%
	Maori NZWS	11	9.1%	0.0%	9.1%	0.0%	18.2%	9.1%	0.0%	9.1%	0.0%	9.1%	0.0%	36.4%

24131-Market Research Analyst	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
24132-Public Relations Officer	Total	12	0.0%	0.0%	0.0%	8.3%	16.7%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	NZWS	6	0.0%	0.0%	0.0%	16.7%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	Maori NZWS	6	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
24133-Financial Adviser	Total	16	6.3%	0.0%	12.5%	0.0%	18.8%	0.0%	0.0%	0.0%	0.0%	0.0%	6.3%	25.0%
	NZWS	12	8.3%	0.0%	8.3%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	25.0%
	Maori NZWS	4	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
24134-Fundraiser	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
24135-Management Consultant	Total	9	37.5%	0.0%	22.2%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	11.1%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	40.0%	0.0%	33.3%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	16.7%
24211-Barrister and Solicitor	Total	25	48.0%	20.0%	16.0%	12.0%	8.0%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.0%
	NZWS	17	47.1%	11.8%	5.9%	11.8%	5.9%	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	11.8%
	Maori NZWS	8	50.0%	37.5%	37.5%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%
24221-Judge	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
24231-Other Legal Professional	Total	5	0.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	20.0%	40.0%
	NZWS	0												
	Maori NZWS	5	0.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	20.0%	40.0%
24311-Archivist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
24312-Art Gallery and/or Museum Curator	Total	4	25.0%	0.0%	0.0%	0.0%	25.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
24321-Librarian	Total	26	7.7%	7.7%	3.8%	0.0%	38.5%	15.4%	0.0%	15.4%	3.8%	3.8%	15.4%	53.8%
	NZWS	18	5.6%	5.6%	5.6%	0.0%	27.8%	5.6%	0.0%	11.1%	0.0%	0.0%	16.7%	44.4%
	Maori NZWS	8	12.5%	12.5%	0.0%	0.0%	62.5%	37.5%	0.0%	25.0%	12.5%	12.5%	12.5%	75.0%
24322-Information Services Administrator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
24411-Economist	Total	0												
	NZWS	0												
	Maori NZWS	0												

24421-Social Scientist	Total	16	25.0%	18.8%	13.3%	6.3%	18.8%	6.3%	0.0%	0.0%	0.0%	0.0%	12.5%	31.3%
	NZWS	8	25.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	12.5%
	Maori NZWS	8	25.0%	25.0%	25.0%	12.5%	37.5%	12.5%	0.0%	0.0%	0.0%	0.0%	12.5%	50.0%
24422-Policy Analyst	Total	21	20.0%	10.0%	30.0%	10.5%	14.3%	9.5%	0.0%	4.8%	0.0%	4.8%	4.8%	23.8%
	NZWS	12	25.0%	8.3%	25.0%	0.0%	8.3%	16.7%	0.0%	0.0%	0.0%	8.3%	0.0%	25.0%
	Maori NZWS	9	12.5%	12.5%	37.5%	25.0%	22.2%	0.0%	0.0%	11.1%	0.0%	0.0%	11.1%	22.2%
24431-Philologist, Translator or Interpreter	Total	0												
	NZWS	0												
	Maori NZWS	0												
24441-Psychologist	Total	10	20.0%	0.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	8	25.0%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
24442-Psychotherapist	Total	4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
24451-Counsellor	Total	11	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	9.1%
	NZWS	7	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	14.3%
	Maori NZWS	4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24461-Diplomatic Official	Total	0												
	NZWS	0												
	Maori NZWS	0												
24511-Minister of Religion	Total	6	80.0%	40.0%	50.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	NZWS	5	80.0%	40.0%	33.3%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31111-Physical Science Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31121-Quantity Surveyor	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31122-Surveyor's Technician	Total	0												
	NZWS	0												
	Maori NZWS	0												
31123-Clerk of Works	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31124-Other Civil Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

31131-Electrical Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31141-Telecommunications Technician	Total	4	25.0%	0.0%	25.0%	25.0%	25.0%	25.0%	25.0%	50.0%	25.0%	0.0%	0.0%	50.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31142-Computer Systems Technician	Total	13	7.7%	7.7%	8.3%	7.7%	38.5%	23.1%	0.0%	23.1%	7.7%	0.0%	23.1%	61.5%
	NZWS	8	12.5%	12.5%	12.5%	12.5%	37.5%	12.5%	0.0%	25.0%	12.5%	0.0%	25.0%	50.0%
	Maori NZWS	5	0.0%	0.0%	0.0%	0.0%	40.0%	40.0%	0.0%	20.0%	0.0%	0.0%	20.0%	80.0%
31143-Other Electronics Engineering Technician	Total	5	20.0%	0.0%	50.0%	20.0%	20.0%	60.0%	20.0%	60.0%	40.0%	20.0%	0.0%	80.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
31144-Avionics Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31151-Mechanical Engineering Technician	Total	4	25.0%	0.0%	50.0%	25.0%	50.0%	50.0%	50.0%	50.0%	50.0%	25.0%	25.0%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31161-Chemical Engineering Technician	Total	5	20.0%	0.0%	60.0%	20.0%	40.0%	40.0%	20.0%	60.0%	60.0%	20.0%	0.0%	100.0%
	NZWS	4	25.0%	0.0%	50.0%	0.0%	50.0%	25.0%	25.0%	50.0%	75.0%	25.0%	0.0%	100.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31181-Draughting Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31191-Other Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31192-Non Destructive Testing Technician	Total	0												
	NZWS	0												
	Maori NZWS	0												
31211-Computer Programmer	Total	6	33.3%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	33.3%
	NZWS	6	33.3%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	33.3%
	Maori NZWS	0												
31212-Computer Operator	Total	6	16.7%	0.0%	16.7%	20.0%	33.3%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	33.3%
	NZWS	4	25.0%	0.0%	25.0%	33.3%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
31213-Computer Support Technician	Total	7	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-

31311-Photographer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31312-Camera Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
31313-Sound Recording Equipment Controller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31321-Broadcasting Transmitting and Studio Equipment Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31322-Radio Operator	Total	4	25.0%	25.0%	75.0%	100.0%	75.0%	50.0%	25.0%	25.0%	25.0%	0.0%	50.0%	75.0%
	NZWS	0												
	Maori NZWS	4	25.0%	25.0%	75.0%	100.0%	75.0%	50.0%	25.0%	25.0%	25.0%	0.0%	50.0%	75.0%
31323-Cinema Projectionist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31331-Medical Radiation Technologist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31332-Other Medical Equipment Controller	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
31333-Sonographer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31411-Ships' Engineer	Total	5	40.0%	0.0%	20.0%	0.0%	60.0%	40.0%	20.0%	40.0%	40.0%	20.0%	0.0%	60.0%
	NZWS	4	50.0%	0.0%	25.0%	0.0%	75.0%	50.0%	25.0%	50.0%	50.0%	25.0%	0.0%	75.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31421-Ships' Officer (Deck) Including Master	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31422-Launch Master	Total	0												
	NZWS	0												
	Maori NZWS	0												
31423-Other Ships' Deck Officer and Pilot	Total	0												
	NZWS	0												
	Maori NZWS	0												

31431-Aircraft Pilot and Flight Crew	Total	4	0.0%	0.0%	100.0%	50.0%	25.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	50.0%
	NZWS	4	0.0%	0.0%	100.0%	50.0%	25.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	50.0%
	Maori NZWS	0												
31433-Flying Instructor	Total	0												
	NZWS	0												
	Maori NZWS	0												
31434-Helicopter Pilot	Total	0												
	NZWS	0												
	Maori NZWS	0												
31441-Air Traffic Controller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31511-Safety Inspector	Total	14	14.3%	7.1%	14.3%	14.3%	50.0%	21.4%	7.1%	21.4%	0.0%	14.3%	7.1%	57.1%
	NZWS	9	11.1%	0.0%	0.0%	11.1%	66.7%	11.1%	11.1%	33.3%	0.0%	22.2%	0.0%	66.7%
	Maori NZWS	5	20.0%	20.0%	40.0%	20.0%	20.0%	40.0%	0.0%	0.0%	0.0%	0.0%	20.0%	40.0%
31512-Meat Inspector	Total	5	20.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	20.0%	0.0%	40.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
31513-Noxious Weeds/Pest Inspector	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31514-Health Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
31515-Agricultural Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
31516-Quality Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
32111-Life Science Technician	Total	10	10.0%	10.0%	20.0%	0.0%	40.0%	10.0%	40.0%	40.0%	40.0%	30.0%	30.0%	60.0%
	NZWS	5	20.0%	20.0%	20.0%	0.0%	60.0%	20.0%	40.0%	80.0%	60.0%	60.0%	40.0%	80.0%
	Maori NZWS	5	0.0%	0.0%	20.0%	0.0%	20.0%	0.0%	40.0%	0.0%	20.0%	0.0%	20.0%	40.0%
32112-Medical Laboratory Technician	Total	9	11.1%	0.0%	22.2%	33.3%	11.1%	33.3%	33.3%	66.7%	55.6%	0.0%	33.3%	88.9%
	NZWS	6	16.7%	0.0%	33.3%	50.0%	16.7%	50.0%	50.0%	66.7%	50.0%	0.0%	33.3%	83.3%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
32121-Agricultural Technician	Total	4	0.0%	0.0%	33.3%	0.0%	25.0%	25.0%	25.0%	25.0%	50.0%	0.0%	0.0%	50.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-

32122-Forest Technician	Total	0												
	NZWS	0												
	Maori NZWS	0												
32211-Dispensing Optician	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
32221-Dental Therapist	Total	5	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	60.0%	20.0%	0.0%	60.0%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
32231-Physiotherapist	Total	11	9.1%	0.0%	18.2%	0.0%	0.0%	0.0%	9.1%	18.2%	9.1%	0.0%	18.2%	45.5%
	NZWS	8	12.5%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	12.5%	25.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
32232-Occupational Therapist	Total	11	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	18.2%	0.0%	0.0%	0.0%	27.3%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%
32233-Osteopath	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
32234-Orthotist and/or Prosthetist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
32235-Podiatrist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
32236-Chiropractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
32241-Veterinary Assistant	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
32251-Hospital Dispensary Assistant	Total	0												
	NZWS	0												
	Maori NZWS	0												
32252-Retail Dispensary Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
32261-Other Health Associate Professional	Total	12	16.7%	8.3%	18.2%	8.3%	8.3%	16.7%	0.0%	8.3%	0.0%	0.0%	8.3%	33.3%
	NZWS	8	12.5%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	12.5%	0.0%	0.0%	0.0%	25.0%
	Maori NZWS	4	25.0%	25.0%	50.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	25.0%	50.0%

33163-Purchasing Agent	Total	12	16.7%	0.0%	8.3%	0.0%	25.0%	16.7%	0.0%	33.3%	16.7%	8.3%	8.3%	58.3%
	NZWS	6	16.7%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	50.0%	16.7%	0.0%	16.7%	66.7%
	Maori NZWS	6	16.7%	0.0%	16.7%	0.0%	33.3%	33.3%	0.0%	16.7%	16.7%	16.7%	0.0%	50.0%
33164-Wool Buyer/Merchant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33171-Valuer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33181-Auctioneer	Total	0												
	NZWS	0												
	Maori NZWS	0												
33191-Stock and Station Agent	Total	0												
	NZWS	0												
	Maori NZWS	0												
33211-Administration Officer	Total	52	9.6%	5.8%	11.5%	3.8%	19.2%	15.4%	1.9%	7.7%	3.8%	7.7%	11.5%	28.8%
	NZWS	29	0.0%	0.0%	6.9%	0.0%	24.1%	17.2%	3.4%	6.9%	0.0%	10.3%	10.3%	34.5%
	Maori NZWS	23	21.7%	13.0%	17.4%	8.7%	13.0%	13.0%	0.0%	8.7%	8.7%	4.3%	13.0%	21.7%
33212-Conference/Function Organiser	Total	5	20.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	40.0%	0.0%	20.0%	0.0%	60.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33221-Legal Executive	Total	5	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
	NZWS	4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33222-Legal Clerk	Total	12	16.7%	0.0%	0.0%	9.1%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	16.7%
	NZWS	5	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	20.0%
	Maori NZWS	7	14.3%	0.0%	0.0%	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%
33231-Bookkeeper	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
33241-Organisation and Methods Analyst	Total	4	50.0%	0.0%	50.0%	0.0%	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%	25.0%	50.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33242-Building Control/Consents Officer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33311-Customs Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

33312-Quarantine and Agriculture Ports Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
33313-Immigration Officer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33411-Social Worker	Total	89	7.9%	4.5%	31.0%	18.8%	13.5%	7.9%	1.1%	5.6%	1.1%	1.1%	11.2%	28.1%
	NZWS	36	5.6%	2.8%	36.1%	15.2%	8.3%	5.6%	0.0%	0.0%	0.0%	2.8%	11.1%	25.0%
	Maori NZWS	53	9.4%	5.7%	27.5%	21.2%	17.0%	9.4%	1.9%	9.4%	1.9%	0.0%	11.3%	30.2%
33412-Probation Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33413-Case Worker	Total	18	22.2%	5.6%	11.1%	5.6%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%	5.6%
	NZWS	8	25.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	10	20.0%	0.0%	10.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%	10.0%
33421-Employment Programme Teaching Associate Professional	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33422-Teacher Aide	Total	55	0.0%	0.0%	3.7%	1.9%	7.3%	0.0%	0.0%	1.8%	5.5%	0.0%	14.5%	25.5%
	NZWS	24	0.0%	0.0%	4.2%	0.0%	8.3%	0.0%	0.0%	4.2%	4.2%	0.0%	20.8%	29.2%
	Maori NZWS	31	0.0%	0.0%	3.3%	3.3%	6.5%	0.0%	0.0%	0.0%	6.5%	0.0%	9.7%	22.6%
33511-Careers, Transition, Employment Adviser	Total	7	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	28.6%	14.3%	0.0%	0.0%	0.0%	28.6%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	40.0%	20.0%	0.0%	0.0%	0.0%	40.0%
33611-Author and Critic	Total	5	0.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
	NZWS	4	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33612-Reporter	Total	6	16.7%	0.0%	60.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	20.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33613-Editor	Total	4	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	50.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33614-Sub-Editor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
33615-Copywriter	Total	0												
	NZWS	0												
	Maori NZWS	0												

33621-Sculptor, Painter and Related Artist	Total	11	0.0%	0.0%	18.2%	0.0%	72.7%	9.1%	9.1%	36.4%	27.3%	18.2%	45.5%	100.0%
	NZWS	7	0.0%	0.0%	14.3%	0.0%	71.4%	0.0%	0.0%	42.9%	28.6%	14.3%	42.9%	100.0%
	Maori NZWS	4	0.0%	0.0%	25.0%	0.0%	75.0%	25.0%	25.0%	25.0%	25.0%	25.0%	50.0%	100.0%
33631-Graphic Designer	Total	13	38.5%	7.7%	30.8%	8.3%	15.4%	15.4%	0.0%	15.4%	7.7%	0.0%	30.8%	46.2%
	NZWS	8	37.5%	0.0%	25.0%	14.3%	25.0%	12.5%	0.0%	12.5%	0.0%	0.0%	37.5%	50.0%
	Maori NZWS	5	40.0%	20.0%	40.0%	0.0%	0.0%	20.0%	0.0%	20.0%	20.0%	0.0%	20.0%	40.0%
33632-Fashion Designer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
33633-Display and Window Dresser	Total	0												
	NZWS	0												
	Maori NZWS	0												
33634-Industrial Designer	Total	4	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33635-Paste Up Artist	Total	0												
	NZWS	0												
	Maori NZWS	0												
33636-Interior Designer	Total	4	25.0%	0.0%	25.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
33641-Composer, Arranger and/or Conductor	Total	0												
	NZWS	0												
	Maori NZWS	0												
33642-Instrumentalist	Total	4	0.0%	0.0%	100.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	4	0.0%	0.0%	100.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	0												
33643-Singer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33644-Singing and Music Teacher	Total	5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33651-Dancer	Total	0												
	NZWS	0												
	Maori NZWS	0												
33652-Dancing Teacher and/or Choreographer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-

33661-Actor	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33662-Artistic Director	Total	6	66.7%	33.3%	40.0%	20.0%	33.3%	33.3%	0.0%	50.0%	0.0%	0.0%	0.0%	66.7%
	NZWS	4	50.0%	25.0%	50.0%	25.0%	50.0%	50.0%	0.0%	25.0%	0.0%	0.0%	0.0%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
33671-Radio and Television Presenter	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
33681-Clown, Magician, Acrobat and Related Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
33691-Professional Sportsperson	Total	0												
	NZWS	0												
	Maori NZWS	0												
33692-Sports Coach or Trainer	Total	20	5.0%	0.0%	36.8%	0.0%	35.0%	15.0%	5.0%	5.0%	5.0%	5.0%	20.0%	70.0%
	NZWS	13	7.7%	0.0%	38.5%	0.0%	30.8%	15.4%	0.0%	7.7%	7.7%	0.0%	15.4%	69.2%
	Maori NZWS	7	0.0%	0.0%	33.3%	0.0%	42.9%	14.3%	14.3%	0.0%	0.0%	14.3%	28.6%	71.4%
33693-Sports Official	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
33711-Non-Ordained Religious Assistant	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
33811-Acclimatisation Field Officer	Total	0												
	NZWS	0												
	Maori NZWS	0												
33812-National Park Ranger	Total	6	33.3%	0.0%	0.0%	16.7%	50.0%	50.0%	0.0%	50.0%	0.0%	83.3%	33.3%	83.3%
	NZWS	4	25.0%	0.0%	0.0%	25.0%	75.0%	50.0%	0.0%	75.0%	0.0%	100.0%	25.0%	100.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
41111-Typist and Word Processor Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
41121-Data Entry Operator	Total	13	0.0%	0.0%	0.0%	0.0%	23.1%	23.1%	0.0%	7.7%	0.0%	0.0%	7.7%	53.8%
	NZWS	10	0.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	10.0%	40.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
41141-Secretary	Total	69	4.3%	4.3%	1.5%	0.0%	14.5%	2.9%	5.8%	4.3%	1.4%	0.0%	13.0%	29.0%
	NZWS	54	0.0%	0.0%	2.0%	0.0%	13.0%	1.9%	7.4%	5.6%	1.9%	0.0%	13.0%	29.6%
	Maori NZWS	15	20.0%	20.0%	0.0%	0.0%	20.0%	6.7%	0.0%	0.0%	0.0%	0.0%	13.3%	26.7%

41211-Accounts Clerk	Total	36	5.6%	0.0%	0.0%	0.0%	19.4%	8.3%	0.0%	5.6%	8.3%	2.8%	8.3%	25.0%
	NZWS	28	3.6%	0.0%	0.0%	0.0%	14.3%	7.1%	0.0%	3.6%	3.6%	3.6%	10.7%	21.4%
	Maori NZWS	8	12.5%	0.0%	0.0%	0.0%	37.5%	12.5%	0.0%	12.5%	25.0%	0.0%	0.0%	37.5%
41212-Audit Clerk	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
41213-Costing Clerk	Total	6	0.0%	0.0%	0.0%	0.0%	33.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	NZWS	5	0.0%	0.0%	0.0%	0.0%	40.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	60.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
41221-Finance Clerk	Total	6	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	NZWS	5	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
41222-Statistical Clerk	Total	0												
	NZWS	0												
	Maori NZWS	0												
41223-Survey Interviewer	Total	5	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	0												
41311-Stock Clerk	Total	33	9.1%	0.0%	42.4%	9.4%	51.5%	36.4%	21.2%	21.2%	15.2%	3.0%	12.1%	66.7%
	NZWS	16	12.5%	0.0%	43.8%	6.7%	37.5%	37.5%	12.5%	25.0%	12.5%	6.3%	6.3%	62.5%
	Maori NZWS	17	5.9%	0.0%	41.2%	11.8%	64.7%	35.3%	29.4%	17.6%	17.6%	0.0%	17.6%	70.6%
41312-Dispatch and Receiving Clerk	Total	16	25.0%	18.8%	25.0%	13.3%	18.8%	18.8%	0.0%	12.5%	0.0%	6.3%	12.5%	31.3%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	13	23.1%	15.4%	15.4%	15.4%	15.4%	15.4%	0.0%	7.7%	0.0%	7.7%	7.7%	30.8%
41313-Weighing and Tally Clerk	Total	0												
	NZWS	0												
	Maori NZWS	0												
41321-Material and Production Planning Clerk	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
41331-Transport Clerk	Total	6	50.0%	0.0%	50.0%	33.3%	16.7%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%
	NZWS	4	50.0%	0.0%	50.0%	50.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
41411-Library Assistant	Total	5	0.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
	NZWS	5	0.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
	Maori NZWS	0												
41412-Record and Filing Clerk	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-

41421-Mail Sorting Clerk	Total	8	0.0%	0.0%	50.0%	37.5%	25.0%	12.5%	0.0%	0.0%	0.0%	0.0%	12.5%	50.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	0.0%	0.0%	50.0%	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	50.0%
41422-Mail Clerk	Total	5	0.0%	0.0%	80.0%	20.0%	40.0%	40.0%	0.0%	20.0%	0.0%	0.0%	20.0%	60.0%
	NZWS	4	0.0%	0.0%	75.0%	25.0%	25.0%	25.0%	0.0%	25.0%	0.0%	0.0%	25.0%	50.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
41423-Postal Deliverer	Total	18	5.6%	5.6%	27.8%	0.0%	38.9%	16.7%	16.7%	0.0%	5.6%	22.2%	5.6%	50.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	15	6.7%	6.7%	26.7%	0.0%	46.7%	20.0%	20.0%	0.0%	6.7%	26.7%	6.7%	60.0%
41424-Mail Delivery Contractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
41432-Proof Reader	Total	0												
	NZWS	0												
	Maori NZWS	0												
41443-General Clerk	Total	170	4.1%	0.0%	7.2%	1.9%	21.2%	11.2%	3.5%	5.3%	1.8%	4.7%	8.2%	35.3%
	NZWS	102	4.9%	0.0%	4.0%	1.0%	20.6%	9.8%	2.0%	5.9%	1.0%	4.9%	9.8%	36.3%
	Maori NZWS	68	2.9%	0.0%	11.9%	3.0%	22.1%	13.2%	5.9%	4.4%	2.9%	4.4%	5.9%	33.8%
41444-Office Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
41445-Human Resources Clerk	Total	7	0.0%	0.0%	0.0%	0.0%	42.9%	14.3%	0.0%	14.3%	0.0%	0.0%	0.0%	42.9%
	NZWS	4	0.0%	0.0%	0.0%	0.0%	75.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	75.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
42111-Cashier	Total	7	14.3%	0.0%	16.7%	0.0%	14.3%	0.0%	14.3%	0.0%	14.3%	14.3%	14.3%	42.9%
	NZWS	7	14.3%	0.0%	16.7%	0.0%	14.3%	0.0%	14.3%	0.0%	14.3%	14.3%	14.3%	42.9%
	Maori NZWS	0												
42112-Checkout Operator	Total	16	0.0%	0.0%	37.5%	0.0%	43.8%	12.5%	6.3%	37.5%	0.0%	6.3%	12.5%	62.5%
	NZWS	5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	40.0%
	Maori NZWS	11	0.0%	0.0%	54.5%	0.0%	63.6%	18.2%	9.1%	36.4%	0.0%	9.1%	18.2%	72.7%
42113-Ticket-Seller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
42121-Bank Officer	Total	45	4.4%	2.2%	0.0%	0.0%	13.3%	4.4%	4.4%	2.2%	0.0%	0.0%	11.1%	26.7%
	NZWS	29	6.9%	3.4%	0.0%	0.0%	3.4%	0.0%	6.9%	3.4%	0.0%	0.0%	3.4%	10.3%
	Maori NZWS	16	0.0%	0.0%	0.0%	0.0%	31.3%	12.5%	0.0%	0.0%	0.0%	0.0%	25.0%	56.3%
42131-Gaming Dealer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

42151-Bill and Debt Collector	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
42211-Hotel and/or Motel Receptionist	Total	0												
	NZWS	0												
	Maori NZWS	0												
42212-Patient Receptionist	Total	9	0.0%	0.0%	22.2%	0.0%	0.0%	11.1%	0.0%	11.1%	0.0%	0.0%	11.1%	22.2%
	NZWS	8	0.0%	0.0%	25.0%	0.0%	0.0%	12.5%	0.0%	12.5%	0.0%	0.0%	12.5%	25.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
42213-Information Clerk and Other Receptionist	Total	48	0.0%	0.0%	8.5%	2.2%	18.8%	8.3%	0.0%	8.3%	0.0%	0.0%	10.4%	31.3%
	NZWS	32	0.0%	0.0%	6.5%	3.3%	15.6%	6.3%	0.0%	6.3%	0.0%	0.0%	12.5%	28.1%
	Maori NZWS	16	0.0%	0.0%	12.5%	0.0%	25.0%	12.5%	0.0%	12.5%	0.0%	0.0%	6.3%	37.5%
42221-Telephone Switchboard Operator	Total	19	0.0%	0.0%	27.8%	5.3%	15.8%	15.8%	0.0%	0.0%	0.0%	5.3%	5.3%	26.3%
	NZWS	7	0.0%	0.0%	42.9%	14.3%	28.6%	42.9%	0.0%	0.0%	0.0%	0.0%	14.3%	42.9%
	Maori NZWS	12	0.0%	0.0%	18.2%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	16.7%
51111-Travel Attendant	Total	6	20.0%	20.0%	40.0%	40.0%	16.7%	50.0%	16.7%	33.3%	16.7%	16.7%	16.7%	66.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	0.0%	33.3%	33.3%	25.0%	25.0%	25.0%	50.0%	25.0%	25.0%	25.0%	50.0%
51121-Tour and Travel Guide	Total	7	28.6%	28.6%	16.7%	0.0%	14.3%	14.3%	0.0%	14.3%	0.0%	14.3%	14.3%	57.1%
	NZWS	4	50.0%	50.0%	33.3%	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	50.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
51122-Outdoor Recreation Guide	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
51211-Housekeeper (Private Service)	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
51212-Housekeeper (Not Private)	Total	16	12.5%	6.3%	25.0%	6.3%	25.0%	18.8%	0.0%	18.8%	12.5%	6.3%	50.0%	81.3%
	NZWS	9	11.1%	11.1%	22.2%	0.0%	22.2%	11.1%	0.0%	33.3%	11.1%	11.1%	55.6%	88.9%
	Maori NZWS	7	14.3%	0.0%	28.6%	14.3%	28.6%	28.6%	0.0%	0.0%	14.3%	0.0%	42.9%	71.4%
51221-Chef	Total	26	19.2%	15.4%	61.5%	0.0%	7.7%	46.2%	46.2%	38.5%	19.2%	3.8%	26.9%	80.8%
	NZWS	18	16.7%	16.7%	61.1%	0.0%	5.6%	38.9%	55.6%	27.8%	16.7%	5.6%	27.8%	72.2%
	Maori NZWS	8	25.0%	12.5%	62.5%	0.0%	12.5%	62.5%	25.0%	62.5%	25.0%	0.0%	25.0%	100.0%
51222-Cook	Total	31	9.7%	6.5%	45.2%	3.6%	19.4%	25.8%	19.4%	25.8%	12.9%	6.5%	22.6%	64.5%
	NZWS	15	20.0%	13.3%	60.0%	8.3%	6.7%	20.0%	6.7%	26.7%	20.0%	0.0%	20.0%	60.0%
	Maori NZWS	16	0.0%	0.0%	31.3%	0.0%	31.3%	31.3%	31.3%	25.0%	6.3%	12.5%	25.0%	68.8%
51231-Bartender	Total	13	7.7%	7.7%	76.9%	7.7%	0.0%	46.2%	23.1%	7.7%	15.4%	7.7%	23.1%	69.2%
	NZWS	4	0.0%	0.0%	75.0%	25.0%	0.0%	50.0%	0.0%	0.0%	25.0%	0.0%	50.0%	100.0%
	Maori NZWS	9	11.1%	11.1%	77.8%	0.0%	0.0%	44.4%	33.3%	11.1%	11.1%	11.1%	11.1%	55.6%

51232-Wine Waiter	Total	0												
	NZWS	0												
	Maori NZWS	0												
51233-Waiter	Total	15	0.0%	0.0%	57.1%	7.7%	6.7%	26.7%	13.3%	40.0%	13.3%	0.0%	13.3%	60.0%
	NZWS	10	0.0%	0.0%	44.4%	12.5%	10.0%	30.0%	0.0%	50.0%	20.0%	0.0%	10.0%	70.0%
	Maori NZWS	5	0.0%	0.0%	80.0%	0.0%	0.0%	20.0%	40.0%	20.0%	0.0%	0.0%	20.0%	40.0%
51234-Catering Counter Assistant	Total	38	15.8%	15.8%	18.4%	5.6%	26.3%	18.4%	10.5%	31.6%	7.9%	2.6%	21.1%	65.8%
	NZWS	16	18.8%	18.8%	25.0%	7.1%	12.5%	18.8%	12.5%	25.0%	0.0%	0.0%	18.8%	56.3%
	Maori NZWS	22	13.6%	13.6%	13.6%	4.5%	36.4%	18.2%	9.1%	36.4%	13.6%	4.5%	22.7%	72.7%
51235-Kitchenhand	Total	23	4.3%	0.0%	40.9%	0.0%	17.4%	0.0%	0.0%	30.4%	26.1%	0.0%	26.1%	65.2%
	NZWS	14	0.0%	0.0%	30.8%	0.0%	14.3%	0.0%	0.0%	28.6%	21.4%	0.0%	21.4%	57.1%
	Maori NZWS	9	11.1%	0.0%	55.6%	0.0%	22.2%	0.0%	0.0%	33.3%	33.3%	0.0%	33.3%	77.8%
51236-Usher and Cloakroom Attendant	Total	0												
	NZWS	0												
	Maori NZWS	0												
51311-Hospital Orderly	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
51312-Health Assistant	Total	11	9.1%	0.0%	36.4%	0.0%	27.3%	0.0%	9.1%	18.2%	0.0%	0.0%	9.1%	54.5%
	NZWS	9	11.1%	0.0%	22.2%	0.0%	22.2%	0.0%	11.1%	22.2%	0.0%	0.0%	0.0%	44.4%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
51313-Ambulance Officer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
51314-Nurse Aide	Total	17	0.0%	0.0%	29.4%	11.8%	11.8%	0.0%	5.9%	23.5%	0.0%	0.0%	23.5%	47.1%
	NZWS	11	0.0%	0.0%	27.3%	9.1%	18.2%	0.0%	0.0%	27.3%	0.0%	0.0%	27.3%	54.5%
	Maori NZWS	6	0.0%	0.0%	33.3%	16.7%	0.0%	0.0%	16.7%	16.7%	0.0%	0.0%	16.7%	33.3%
51316-Care Giver	Total	117	8.4%	3.7%	43.9%	18.8%	13.7%	9.4%	3.4%	5.1%	2.6%	1.7%	22.2%	39.3%
	NZWS	39	5.3%	0.0%	40.5%	15.4%	17.9%	15.4%	7.7%	15.4%	5.1%	2.6%	17.9%	46.2%
	Maori NZWS	78	10.1%	5.8%	45.5%	20.5%	11.5%	6.4%	1.3%	0.0%	1.3%	1.3%	24.4%	35.9%
51411-Hairdresser	Total	17	0.0%	0.0%	25.0%	0.0%	23.5%	52.9%	5.9%	29.4%	41.2%	0.0%	58.8%	88.2%
	NZWS	12	0.0%	0.0%	18.2%	0.0%	8.3%	33.3%	8.3%	25.0%	25.0%	0.0%	66.7%	83.3%
	Maori NZWS	5	0.0%	0.0%	40.0%	0.0%	60.0%	100.0%	0.0%	40.0%	80.0%	0.0%	40.0%	100.0%
51412-Beauty Therapist	Total	9	0.0%	0.0%	11.1%	0.0%	33.3%	33.3%	11.1%	44.4%	11.1%	0.0%	33.3%	77.8%
	NZWS	4	0.0%	0.0%	25.0%	0.0%	25.0%	50.0%	25.0%	50.0%	0.0%	0.0%	50.0%	75.0%
	Maori NZWS	5	0.0%	0.0%	0.0%	0.0%	40.0%	20.0%	0.0%	40.0%	20.0%	0.0%	20.0%	80.0%
51413-Massage Therapist	Total	6	20.0%	20.0%	33.3%	0.0%	0.0%	50.0%	0.0%	66.7%	0.0%	16.7%	16.7%	83.3%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	33.3%	33.3%	25.0%	0.0%	0.0%	50.0%	0.0%	50.0%	0.0%	25.0%	0.0%	75.0%

51414-Weight Loss Consultant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
51421-Child Care Worker	Total	35	2.9%	2.9%	2.9%	0.0%	17.1%	2.9%	8.6%	0.0%	0.0%	2.9%	17.1%	37.1%
	NZWS	17	0.0%	0.0%	0.0%	0.0%	11.8%	0.0%	5.9%	0.0%	0.0%	5.9%	0.0%	23.5%
	Maori NZWS	18	5.6%	5.6%	5.6%	0.0%	22.2%	5.6%	11.1%	0.0%	0.0%	0.0%	33.3%	50.0%
51431-Funeral Director	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
51511-Fire Fighter	Total	13	46.2%	15.4%	100.0%	84.6%	92.3%	100.0%	84.6%	46.2%	46.2%	46.2%	38.5%	100.0%
	NZWS	7	28.6%	14.3%	100.0%	85.7%	85.7%	100.0%	85.7%	57.1%	57.1%	42.9%	28.6%	100.0%
	Maori NZWS	6	66.7%	16.7%	100.0%	83.3%	100.0%	100.0%	83.3%	33.3%	33.3%	50.0%	50.0%	100.0%
51521-Detective	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
51522-Police Officer	Total	16	26.7%	6.7%	43.8%	31.3%	18.8%	12.5%	0.0%	6.3%	0.0%	0.0%	6.3%	37.5%
	NZWS	12	36.4%	9.1%	50.0%	41.7%	8.3%	8.3%	0.0%	8.3%	0.0%	0.0%	8.3%	33.3%
	Maori NZWS	4	0.0%	0.0%	25.0%	0.0%	50.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
51531-Prison Officer	Total	12	27.3%	18.2%	66.7%	25.0%	16.7%	16.7%	0.0%	8.3%	0.0%	8.3%	8.3%	33.3%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	10	22.2%	22.2%	60.0%	30.0%	20.0%	10.0%	0.0%	10.0%	0.0%	10.0%	10.0%	30.0%
51541-Private Investigator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
51542-Security Officer	Total	25	32.0%	24.0%	79.2%	44.0%	24.0%	40.0%	16.0%	20.0%	0.0%	4.0%	12.0%	52.0%
	NZWS	6	33.3%	33.3%	50.0%	33.3%	50.0%	66.7%	16.7%	33.3%	0.0%	0.0%	16.7%	66.7%
	Maori NZWS	19	31.6%	21.1%	88.9%	47.4%	15.8%	31.6%	15.8%	15.8%	0.0%	5.3%	10.5%	47.4%
51551-Armed Forces	Total	12	33.3%	0.0%	16.7%	41.7%	25.0%	41.7%	8.3%	33.3%	8.3%	16.7%	8.3%	58.3%
	NZWS	6	50.0%	0.0%	0.0%	50.0%	33.3%	16.7%	0.0%	16.7%	16.7%	16.7%	0.0%	50.0%
	Maori NZWS	6	16.7%	0.0%	33.3%	33.3%	16.7%	66.7%	16.7%	50.0%	0.0%	16.7%	16.7%	66.7%
52111-Sales Assistant	Total	168	7.7%	1.8%	17.9%	1.3%	29.8%	16.1%	6.5%	16.7%	6.0%	6.0%	10.7%	50.6%
	NZWS	115	8.7%	1.7%	15.7%	0.0%	25.2%	12.2%	4.3%	17.4%	4.3%	1.7%	9.6%	47.8%
	Maori NZWS	53	5.7%	1.9%	22.6%	3.8%	39.6%	24.5%	11.3%	15.1%	9.4%	15.1%	13.2%	56.6%
52112-Demonstrator	Total	11	9.1%	0.0%	45.5%	9.1%	9.1%	27.3%	0.0%	0.0%	0.0%	0.0%	9.1%	36.4%
	NZWS	10	10.0%	0.0%	50.0%	10.0%	10.0%	30.0%	0.0%	0.0%	0.0%	0.0%	10.0%	40.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
52113-Forecourt Attendant	Total	12	8.3%	0.0%	33.3%	18.2%	16.7%	75.0%	50.0%	50.0%	16.7%	0.0%	25.0%	75.0%
	NZWS	5	0.0%	0.0%	40.0%	40.0%	40.0%	80.0%	40.0%	40.0%	40.0%	0.0%	40.0%	80.0%
	Maori NZWS	7	14.3%	0.0%	28.6%	0.0%	0.0%	71.4%	57.1%	57.1%	0.0%	0.0%	14.3%	71.4%

52211-Street Vendor and Related Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
52311-Fashion and Other Model	Total	0												
	NZWS	0												
	Maori NZWS	0												
61111-Field Crop Grower and Related Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
61112-Market Gardener and Related Worker	Total	6	33.3%	33.3%	50.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	66.7%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
61121-Fruit Grower, Worker	Total	27	23.1%	11.5%	20.0%	4.0%	44.4%	33.3%	3.7%	7.4%	3.7%	51.9%	3.7%	70.4%
	NZWS	11	36.4%	9.1%	9.1%	0.0%	63.6%	36.4%	0.0%	9.1%	9.1%	72.7%	0.0%	90.9%
	Maori NZWS	16	13.3%	13.3%	28.6%	7.1%	31.3%	31.3%	6.3%	6.3%	0.0%	37.5%	6.3%	56.3%
61122-Grape Grower and/or Wine Maker, Worker	Total	8	12.5%	0.0%	50.0%	25.0%	12.5%	12.5%	0.0%	25.0%	12.5%	37.5%	12.5%	62.5%
	NZWS	6	0.0%	0.0%	66.7%	33.3%	16.7%	16.7%	0.0%	33.3%	16.7%	33.3%	0.0%	66.7%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
61131-Nursery Grower, Nursery Worker	Total	16	0.0%	0.0%	25.0%	0.0%	56.3%	25.0%	0.0%	12.5%	0.0%	50.0%	25.0%	81.3%
	NZWS	12	0.0%	0.0%	25.0%	0.0%	50.0%	25.0%	0.0%	8.3%	0.0%	50.0%	25.0%	83.3%
	Maori NZWS	4	0.0%	0.0%	25.0%	0.0%	75.0%	25.0%	0.0%	25.0%	0.0%	50.0%	25.0%	75.0%
61132-Landscape Gardener	Total	8	37.5%	25.0%	14.3%	0.0%	87.5%	75.0%	12.5%	12.5%	25.0%	37.5%	25.0%	87.5%
	NZWS	6	33.3%	33.3%	20.0%	0.0%	100.0%	83.3%	16.7%	16.7%	33.3%	33.3%	16.7%	100.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
61133-Grounds or Green Keeper	Total	10	10.0%	0.0%	11.1%	0.0%	60.0%	40.0%	10.0%	50.0%	30.0%	60.0%	30.0%	100.0%
	NZWS	4	0.0%	0.0%	25.0%	0.0%	100.0%	50.0%	25.0%	50.0%	50.0%	100.0%	0.0%	100.0%
	Maori NZWS	6	16.7%	0.0%	0.0%	0.0%	33.3%	33.3%	0.0%	50.0%	16.7%	33.3%	50.0%	100.0%
61134-Gardener	Total	26	19.2%	7.7%	0.0%	4.2%	57.7%	57.7%	7.7%	46.2%	7.7%	69.2%	11.5%	96.2%
	NZWS	15	33.3%	13.3%	0.0%	0.0%	73.3%	53.3%	0.0%	53.3%	6.7%	80.0%	13.3%	100.0%
	Maori NZWS	11	0.0%	0.0%	0.0%	9.1%	36.4%	63.6%	18.2%	36.4%	9.1%	54.5%	9.1%	90.9%
61211-Dairy Farmer, Dairy Farm Worker	Total	63	59.0%	41.0%	67.8%	5.1%	55.6%	22.2%	4.8%	42.9%	65.1%	57.1%	22.2%	85.7%
	NZWS	46	63.0%	43.5%	66.7%	6.8%	45.7%	19.6%	4.3%	34.8%	60.9%	54.3%	21.7%	82.6%
	Maori NZWS	17	46.7%	33.3%	70.6%	0.0%	82.4%	29.4%	5.9%	64.7%	76.5%	64.7%	23.5%	94.1%
61212-Sheep Farmer, Sheep Farm Worker	Total	26	50.0%	42.3%	30.0%	12.0%	57.7%	11.5%	15.4%	26.9%	7.7%	80.8%	11.5%	96.2%
	NZWS	26	50.0%	42.3%	30.0%	12.0%	57.7%	11.5%	15.4%	26.9%	7.7%	80.8%	11.5%	96.2%
	Maori NZWS	0												
61213-Cattle Farmer, Cattle Farm Worker	Total	9	33.3%	11.1%	75.0%	0.0%	88.9%	11.1%	0.0%	33.3%	33.3%	77.8%	0.0%	100.0%
	NZWS	8	25.0%	0.0%	71.4%	0.0%	87.5%	0.0%	0.0%	37.5%	37.5%	75.0%	0.0%	100.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-

61214-Pig Farmer, Pig Farm Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
61215-Goat Farmer, Goat Farm Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61216-Deer Farmer, Deer Farm Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61217-Stud Race-Horse Breeder, Stud Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
61218-Other Livestock Farmer, Other Livestock Farm Worker	Total	4	50.0%	25.0%	75.0%	0.0%	50.0%	25.0%	0.0%	25.0%	25.0%	25.0%	25.0%	75.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
61221-Mixed Livestock Farmer, Mixed Livestock Farm Worker	Total	17	70.6%	58.8%	56.3%	13.3%	64.7%	35.3%	5.9%	52.9%	11.8%	58.8%	29.4%	94.1%
	NZWS	7	85.7%	57.1%	50.0%	0.0%	71.4%	14.3%	0.0%	57.1%	0.0%	85.7%	0.0%	100.0%
	Maori NZWS	10	60.0%	60.0%	60.0%	22.2%	60.0%	50.0%	10.0%	50.0%	20.0%	40.0%	50.0%	90.0%
61231-Poultry Farmer and Poultry Farm Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61241-Apiarist and Apiary Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
61251-Crop and Livestock Farmer, Worker	Total	23	50.0%	18.2%	42.9%	4.5%	47.8%	26.1%	0.0%	34.8%	30.4%	52.2%	17.4%	78.3%
	NZWS	17	56.3%	25.0%	43.8%	5.9%	52.9%	29.4%	0.0%	41.2%	35.3%	47.1%	5.9%	76.5%
	Maori NZWS	6	33.3%	0.0%	40.0%	0.0%	33.3%	16.7%	0.0%	16.7%	16.7%	66.7%	50.0%	83.3%
61261-Shepherd or Musterer	Total	0												
	NZWS	0												
	Maori NZWS	0												
61262-Shearing Contractor/Shearer	Total	10	22.2%	22.2%	44.4%	0.0%	90.0%	40.0%	0.0%	50.0%	10.0%	60.0%	20.0%	90.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	28.6%	28.6%	50.0%	0.0%	87.5%	50.0%	0.0%	50.0%	12.5%	62.5%	25.0%	87.5%
61263-Wool Classer	Total	0												
	NZWS	0												
	Maori NZWS	0												
61264-Shearing Shed Hand	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-

61265-Horse Trainer, Groom or Stable Hand	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61267-Sampling Officer	Total	0												
	NZWS	0												
	Maori NZWS	0												
61311-Logger	Total	13	46.2%	23.1%	23.1%	0.0%	92.3%	61.5%	15.4%	61.5%	7.7%	38.5%	38.5%	100.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	12	50.0%	25.0%	25.0%	0.0%	91.7%	58.3%	16.7%	58.3%	8.3%	33.3%	33.3%	100.0%
61312-Forest Hand	Total	5	20.0%	20.0%	20.0%	0.0%	40.0%	60.0%	0.0%	0.0%	0.0%	40.0%	0.0%	100.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	25.0%	25.0%	0.0%	0.0%	50.0%	50.0%	0.0%	0.0%	0.0%	25.0%	0.0%	100.0%
61313-Forestry Contractor	Total	6	66.7%	50.0%	33.3%	0.0%	83.3%	83.3%	16.7%	50.0%	16.7%	66.7%	33.3%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
61411-Fishing Skipper, Fisherpersion	Total	7	42.9%	28.6%	85.7%	0.0%	0.0%	28.6%	28.6%	57.1%	14.3%	14.3%	0.0%	71.4%
	NZWS	6	33.3%	16.7%	83.3%	0.0%	0.0%	33.3%	33.3%	66.7%	16.7%	16.7%	0.0%	83.3%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61413-Shell Fisher	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
61421-Fish Farmer, Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61422-Mussel and Oyster Farmer, Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
61431-Hunter and Trapper	Total	0												
	NZWS	0												
	Maori NZWS	0												
61441-Animal Welfare Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
71111-Bricklayer and/or Blocklayer	Total	6	50.0%	16.7%	33.3%	0.0%	83.3%	16.7%	0.0%	16.7%	16.7%	16.7%	0.0%	83.3%
	NZWS	4	75.0%	25.0%	25.0%	0.0%	75.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	75.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
71112-Stonemason	Total	0												
	NZWS	0												
	Maori NZWS	0												

71121-Carpenter and/or Joiner	Total	30	21.4%	7.1%	13.3%	0.0%	86.7%	20.0%	6.7%	50.0%	13.3%	36.7%	33.3%	90.0%
	NZWS	20	25.0%	10.0%	15.0%	0.0%	100.0%	25.0%	5.0%	65.0%	20.0%	35.0%	40.0%	100.0%
	Maori NZWS	10	12.5%	0.0%	10.0%	0.0%	60.0%	10.0%	10.0%	20.0%	0.0%	40.0%	20.0%	70.0%
71122-Builder (Including Contractor)	Total	59	30.5%	13.6%	20.0%	0.0%	91.5%	33.9%	16.9%	49.2%	13.6%	49.2%	37.3%	93.2%
	NZWS	38	23.7%	10.5%	19.4%	0.0%	94.7%	26.3%	13.2%	52.6%	10.5%	52.6%	34.2%	97.4%
	Maori NZWS	21	42.9%	19.0%	21.1%	0.0%	85.7%	47.6%	23.8%	42.9%	19.0%	42.9%	42.9%	85.7%
71123-Boatbuilder	Total	5	20.0%	0.0%	40.0%	0.0%	100.0%	60.0%	20.0%	60.0%	0.0%	0.0%	40.0%	100.0%
	NZWS	5	20.0%	0.0%	40.0%	0.0%	100.0%	60.0%	20.0%	60.0%	0.0%	0.0%	40.0%	100.0%
	Maori NZWS	0												
71211-Plasterer	Total	12	25.0%	25.0%	8.3%	0.0%	100.0%	16.7%	0.0%	8.3%	8.3%	25.0%	33.3%	100.0%
	NZWS	7	14.3%	14.3%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	14.3%	42.9%	100.0%
	Maori NZWS	5	40.0%	40.0%	20.0%	0.0%	100.0%	40.0%	0.0%	20.0%	20.0%	40.0%	20.0%	100.0%
71221-Glazier	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
71231-Plumber	Total	10	30.0%	0.0%	20.0%	0.0%	80.0%	40.0%	30.0%	70.0%	0.0%	0.0%	0.0%	90.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	28.6%	0.0%	28.6%	0.0%	85.7%	57.1%	42.9%	85.7%	0.0%	0.0%	0.0%	100.0%
71241-Painter, Decorator and/or Paperhanger	Total	36	25.0%	13.9%	9.1%	11.4%	86.1%	30.6%	8.3%	75.0%	27.8%	19.4%	22.2%	94.4%
	NZWS	21	23.8%	19.0%	11.1%	15.0%	90.5%	33.3%	9.5%	81.0%	38.1%	28.6%	14.3%	95.2%
	Maori NZWS	15	26.7%	6.7%	6.7%	6.7%	80.0%	26.7%	6.7%	66.7%	13.3%	6.7%	33.3%	93.3%
71242-Spray Painter	Total	7	28.6%	14.3%	0.0%	0.0%	57.1%	28.6%	0.0%	85.7%	28.6%	0.0%	42.9%	85.7%
	NZWS	5	20.0%	0.0%	0.0%	0.0%	60.0%	20.0%	0.0%	80.0%	40.0%	0.0%	40.0%	80.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
71243-Sign Writer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
71311-Electrician	Total	25	12.5%	0.0%	20.8%	8.7%	60.0%	20.0%	16.0%	40.0%	16.0%	8.0%	12.0%	64.0%
	NZWS	15	6.7%	0.0%	28.6%	7.7%	66.7%	20.0%	13.3%	46.7%	20.0%	6.7%	13.3%	66.7%
	Maori NZWS	10	22.2%	0.0%	10.0%	10.0%	50.0%	20.0%	20.0%	30.0%	10.0%	10.0%	10.0%	60.0%
71312-Transport Electrician	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
71313-Appliance Electrician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
72111-Metal Mould Maker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

72121-Coach Builder	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
72122-Sheet-Metal Worker	Total	10	10.0%	10.0%	30.0%	0.0%	70.0%	50.0%	10.0%	80.0%	50.0%	0.0%	70.0%	90.0%
	NZWS	6	16.7%	16.7%	33.3%	0.0%	100.0%	50.0%	16.7%	100.0%	50.0%	0.0%	83.3%	100.0%
	Maori NZWS	4	0.0%	0.0%	25.0%	0.0%	25.0%	50.0%	0.0%	50.0%	50.0%	0.0%	50.0%	75.0%
72123-Boiler Maker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
72124-Fitter and Welder	Total	17	29.4%	0.0%	29.4%	0.0%	88.2%	82.4%	52.9%	64.7%	35.3%	17.6%	29.4%	100.0%
	NZWS	14	28.6%	0.0%	35.7%	0.0%	85.7%	85.7%	57.1%	64.3%	42.9%	14.3%	35.7%	100.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
72125-Panel Beater	Total	6	0.0%	0.0%	50.0%	0.0%	100.0%	66.7%	33.3%	83.3%	33.3%	0.0%	33.3%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
72211-Blacksmith	Total	0												
	NZWS	0												
	Maori NZWS	0												
72221-Pattern Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
72222-Tool and/or Die Maker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
72231-Fitter and Turner	Total	16	25.0%	6.3%	35.7%	0.0%	62.5%	56.3%	37.5%	68.8%	37.5%	0.0%	25.0%	81.3%
	NZWS	11	18.2%	9.1%	40.0%	0.0%	63.6%	63.6%	36.4%	72.7%	45.5%	0.0%	18.2%	81.8%
	Maori NZWS	5	40.0%	0.0%	25.0%	0.0%	60.0%	40.0%	40.0%	60.0%	20.0%	0.0%	40.0%	80.0%
72241-Saw Doctor	Total	0												
	NZWS	0												
	Maori NZWS	0												
72311-Machinery Mechanic	Total	26	42.3%	19.2%	23.1%	20.0%	69.2%	42.3%	19.2%	65.4%	23.1%	7.7%	7.7%	76.9%
	NZWS	12	50.0%	25.0%	25.0%	27.3%	75.0%	33.3%	8.3%	66.7%	16.7%	8.3%	0.0%	75.0%
	Maori NZWS	14	35.7%	14.3%	21.4%	14.3%	64.3%	50.0%	28.6%	64.3%	28.6%	7.1%	14.3%	78.6%
72312-Motor Mechanic	Total	23	43.5%	21.7%	9.1%	9.1%	39.1%	82.6%	21.7%	78.3%	34.8%	4.3%	21.7%	91.3%
	NZWS	17	41.2%	11.8%	6.3%	0.0%	41.2%	94.1%	29.4%	82.4%	47.1%	5.9%	23.5%	94.1%
	Maori NZWS	6	50.0%	50.0%	16.7%	33.3%	33.3%	50.0%	0.0%	66.7%	0.0%	0.0%	16.7%	83.3%
72313-Aircraft Engine Mechanic	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

72314-Heating, Ventilation and Refrigeration Mechanic	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
72315-Small Engine Mechanic	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
72316-Mechanical Products Inspector and Tester	Total	0												
	NZWS	0												
	Maori NZWS	0												
72411-Electrical Fitter	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
72412-Fire Alarm Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
72421-Electronics Serviceperson	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
72422-Avionics Mechanic	Total	0												
	NZWS	0												
	Maori NZWS	0												
72431-Radio and Television Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
73111-Industrial Precision Instrument Maker and Repairer	Total	0												
	NZWS	0												
	Maori NZWS	0												
73112-Locksmith	Total	0												
	NZWS	0												
	Maori NZWS	0												
73113-Optical Instrument Maker, Repairer and Mechanic	Total	0												
	NZWS	0												
	Maori NZWS	0												
73115-Watchmaker and Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
73121-Musical Instrument Maker, Repairer and Tuner	Total	0												
	NZWS	0												
	Maori NZWS	0												

73131-Jeweller and Jewellery Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
73132-Gem Cutter and Polisher	Total	0												
	NZWS	0												
	Maori NZWS	0												
73211-Glass Cutter and Beveller	Total	0												
	NZWS	0												
	Maori NZWS	0												
73311-Graphic Pre-Press Tradesperson	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
73316-Screen Printer	Total	0												
	NZWS	0												
	Maori NZWS	0												
73317-Printing Machinist	Total	12	16.7%	0.0%	41.7%	16.7%	58.3%	50.0%	16.7%	58.3%	8.3%	0.0%	50.0%	91.7%
	NZWS	8	12.5%	0.0%	37.5%	0.0%	75.0%	37.5%	12.5%	50.0%	0.0%	0.0%	50.0%	87.5%
	Maori NZWS	4	25.0%	0.0%	50.0%	50.0%	25.0%	75.0%	25.0%	75.0%	25.0%	0.0%	50.0%	100.0%
73318-Desktop Publisher	Total	0												
	NZWS	0												
	Maori NZWS	0												
73321-Bookbinder	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
73331-Photolithographer, Photo Engraver	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
74111-Butcher	Total	15	20.0%	13.3%	46.7%	0.0%	13.3%	13.3%	6.7%	33.3%	13.3%	0.0%	20.0%	73.3%
	NZWS	8	25.0%	12.5%	50.0%	0.0%	25.0%	0.0%	12.5%	25.0%	25.0%	0.0%	12.5%	75.0%
	Maori NZWS	7	14.3%	14.3%	42.9%	0.0%	0.0%	28.6%	0.0%	42.9%	0.0%	0.0%	28.6%	71.4%
74112-Meat Grader	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
74121-Baker	Total	10	30.0%	10.0%	70.0%	11.1%	30.0%	10.0%	40.0%	20.0%	0.0%	0.0%	20.0%	70.0%
	NZWS	7	42.9%	14.3%	85.7%	16.7%	42.9%	14.3%	28.6%	28.6%	0.0%	0.0%	28.6%	71.4%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
74211-Cabinet Maker	Total	8	12.5%	0.0%	12.5%	0.0%	87.5%	0.0%	0.0%	62.5%	0.0%	12.5%	0.0%	87.5%
	NZWS	6	16.7%	0.0%	16.7%	0.0%	83.3%	0.0%	0.0%	50.0%	0.0%	16.7%	0.0%	83.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-

74212-Furniture Finisher	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
74311-Tailor/Dressmaker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
74312-Textile Products Pattern Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
74313-Textile Products Marker and Cutter	Total	0												
	NZWS	0												
	Maori NZWS	0												
74321-Furniture Upholsterer	Total	5	0.0%	0.0%	0.0%	0.0%	60.0%	60.0%	20.0%	20.0%	0.0%	20.0%	20.0%	60.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	0.0%	0.0%	0.0%	75.0%	75.0%	25.0%	25.0%	0.0%	25.0%	25.0%	75.0%
74322-Vehicle Upholsterer and Trimmer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
74323-Canvas Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
74331-Carpent and Other Floor Covering Layer	Total	10	37.5%	12.5%	11.1%	0.0%	90.0%	60.0%	10.0%	60.0%	0.0%	0.0%	30.0%	90.0%
	NZWS	6	50.0%	16.7%	0.0%	0.0%	100.0%	50.0%	16.7%	66.7%	0.0%	0.0%	33.3%	100.0%
	Maori NZWS	4	0.0%	0.0%	33.3%	0.0%	75.0%	75.0%	0.0%	50.0%	0.0%	0.0%	25.0%	75.0%
74411-Saddler and Harness Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
74412-Shoe Repairer	Total	0												
	NZWS	0												
	Maori NZWS	0												
81111-Quarry and Mine Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
81112-Mining Plant Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
81121-Mineral and Stone Treater	Total	0												
	NZWS	0												
	Maori NZWS	0												

81133-Driller	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
81211-Metallic Furnace Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
81212-Drop Hammer and Forging Press Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
81221-Metal Caster	Total	6	0.0%	0.0%	83.3%	66.7%	100.0%	100.0%	83.3%	66.7%	16.7%	0.0%	16.7%	100.0%
	NZWS	4	0.0%	0.0%	75.0%	75.0%	100.0%	100.0%	75.0%	75.0%	25.0%	0.0%	0.0%	100.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
81231-Welder and Flame-Cutter	Total	8	25.0%	0.0%	37.5%	0.0%	75.0%	75.0%	50.0%	62.5%	12.5%	0.0%	12.5%	87.5%
	NZWS	6	33.3%	0.0%	33.3%	0.0%	66.7%	66.7%	66.7%	66.7%	16.7%	0.0%	16.7%	83.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
81241-Metal Drawer and/or Extruder	Total	0												
	NZWS	0												
	Maori NZWS	0												
81311-Non-Metallic Mineral Products Kiln or Furnace Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
81312-Clay Product Plant Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
81313-Pottery and Porcelain Mould Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
81321-Glass Pressing and Drawing Machine Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
81323-Glass and Ceramics Painter and Decorator	Total	0												
	NZWS	0												
	Maori NZWS	0												
81411-Timber Processing Machine Operator	Total	10	30.0%	10.0%	70.0%	10.0%	100.0%	50.0%	10.0%	30.0%	10.0%	0.0%	20.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	12.5%	0.0%	62.5%	12.5%	100.0%	50.0%	12.5%	25.0%	12.5%	0.0%	12.5%	100.0%
81413-Timber Grader, Classer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

81421-Pulp Production Worker	Total	4	0.0%	0.0%	33.3%	25.0%	75.0%	25.0%	0.0%	50.0%	25.0%	0.0%	0.0%	75.0%
	NZWS	0												
	Maori NZWS	4	0.0%	0.0%	33.3%	25.0%	75.0%	25.0%	0.0%	50.0%	25.0%	0.0%	0.0%	75.0%
81431-Paper Production Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
81511-Chemical Crushing, Grinding and Mixing Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
81521-Filtering and Separating Equipment Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
81522-Water Treatment Plant Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
81531-Still and Reactor Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
81541-Other Chemical Processing Plant Operator	Total	5	40.0%	20.0%	60.0%	40.0%	80.0%	100.0%	60.0%	80.0%	20.0%	20.0%	0.0%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
81611-Power Generating Plant Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
81612-Boiler Attendant	Total	0												
	NZWS	0												
	Maori NZWS	0												
81613-Pumping-Station Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
81614-Other Stationary Engine Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
82111-Machine Tool Operator	Total	4	0.0%	0.0%	100.0%	50.0%	75.0%	75.0%	50.0%	75.0%	50.0%	25.0%	25.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
82112-Automated Machine Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-

82113-Spring Maker and Wire Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
82114-Tool Grinder and Sharpener	Total	0												
	NZWS	0												
	Maori NZWS	0												
82115-Power Shear Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
82121-Concrete Worker	Total	15	35.7%	21.4%	50.0%	21.4%	73.3%	60.0%	0.0%	60.0%	53.3%	13.3%	46.7%	86.7%
	NZWS	5	40.0%	20.0%	60.0%	0.0%	80.0%	60.0%	0.0%	60.0%	40.0%	0.0%	60.0%	100.0%
	Maori NZWS	10	33.3%	22.2%	42.9%	33.3%	70.0%	60.0%	0.0%	60.0%	60.0%	20.0%	40.0%	80.0%
82211-Pharmaceutical and Toiletry Products Machine Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
82221-Electroplater	Total	0												
	NZWS	0												
	Maori NZWS	0												
82223-Metal Polisher	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
82231-Photographic Darkroom Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82311-Tyre Moulder and Builder	Total	0												
	NZWS	0												
	Maori NZWS	0												
82312-Reserved	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82313-Tyre Retreader	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82321-Rubber Machine Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
82322-Plastics Machine Operator	Total	7	28.6%	14.3%	85.7%	50.0%	85.7%	71.4%	14.3%	71.4%	14.3%	0.0%	28.6%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	40.0%	20.0%	80.0%	50.0%	80.0%	60.0%	20.0%	60.0%	0.0%	0.0%	40.0%	100.0%

82323-Plastics Laminator	Total	0													
	NZWS	0													
	Maori NZWS	0													
82411-Woodworking Machinist	Total	4	25.0%	0.0%	50.0%	25.0%	100.0%	50.0%	0.0%	0.0%	0.0%	0.0%	25.0%	100.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	
82412-Wood Panel Production Worker	Total	0													
	NZWS	0													
	Maori NZWS	0													
82413-Joiner's Benchhand	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0													
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	
82421-Preservation Plant Operator	Total	0													
	NZWS	0													
	Maori NZWS	0													
82422-Wood Seasoning Kiln Operator	Total	0													
	NZWS	0													
	Maori NZWS	0													
82511-Paper Products Machine Operator	Total	0													
	NZWS	0													
	Maori NZWS	0													
82512-Cardboard Forme Maker and Finisher	Total	0													
	NZWS	0													
	Maori NZWS	0													
82513-Guillotine Operator	Total	0													
	NZWS	0													
	Maori NZWS	0													
82611-Spinner and Winder	Total	0													
	NZWS	0													
	Maori NZWS	0													
82622-Cloth Weaver	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0													
82623-Carpet Weaver	Total	0													
	NZWS	0													
	Maori NZWS	0													
82624-Knitter, Knitting Machinist	Total	0													
	NZWS	0													
	Maori NZWS	0													

82631-Sewing Machinist	Total	14	14.3%	14.3%	21.4%	0.0%	85.7%	14.3%	0.0%	14.3%	0.0%	0.0%	28.6%	100.0%
	NZWS	10	10.0%	10.0%	20.0%	0.0%	80.0%	10.0%	0.0%	20.0%	0.0%	0.0%	20.0%	100.0%
	Maori NZWS	4	25.0%	25.0%	25.0%	0.0%	100.0%	25.0%	0.0%	0.0%	0.0%	0.0%	50.0%	100.0%
82632-Embroiderer	Total	0												
	NZWS	0												
	Maori NZWS	0												
82634-Stuffed Toy Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
82635-Hat Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
82641-Lauderer	Total	5	0.0%	0.0%	0.0%	0.0%	40.0%	40.0%	20.0%	20.0%	0.0%	20.0%	60.0%	80.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
82642-Bleacher and Dyer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82643-Dry-Cleaner	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
82644-Presser	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82645-Textile Finisher	Total	0												
	NZWS	0												
	Maori NZWS	0												
82646-Carpet Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82651-Fibre Preparer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82652-Wool Scourer	Total	0												
	NZWS	0												
	Maori NZWS	0												
82712-Slaughterer	Total	51	15.7%	9.8%	62.0%	5.9%	17.6%	7.8%	11.8%	17.6%	23.5%	5.9%	25.5%	62.7%
	NZWS	14	14.3%	7.1%	57.1%	7.1%	21.4%	14.3%	0.0%	7.1%	14.3%	7.1%	7.1%	50.0%
	Maori NZWS	37	16.2%	10.8%	63.9%	5.4%	16.2%	5.4%	16.2%	21.6%	27.0%	5.4%	32.4%	67.6%

82713-Smallgoods Maker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
82715-Oyster Opener and Canner	Total	3	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
82717-Meat Processing Worker	Total	6	16.7%	0.0%	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	4	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
82718-Fish Processing Worker	Total	7	33.3%	16.7%	33.3%	14.3%	0.0%	14.3%	14.3%	28.6%	14.3%	14.3%	14.3%	71.4%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	50.0%	25.0%	25.0%	20.0%	0.0%	0.0%	20.0%	20.0%	0.0%	20.0%	0.0%	60.0%
82721-Milk and Other Dairy Products Maker	Total	11	10.0%	0.0%	63.6%	36.4%	45.5%	36.4%	18.2%	54.5%	45.5%	0.0%	36.4%	81.8%
	NZWS	5	0.0%	0.0%	60.0%	40.0%	20.0%	40.0%	20.0%	60.0%	40.0%	0.0%	20.0%	80.0%
	Maori NZWS	6	20.0%	0.0%	66.7%	33.3%	66.7%	33.3%	16.7%	50.0%	50.0%	0.0%	50.0%	83.3%
82722-Cheese Maker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
82731-Grain Miller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82741-Baked Goods and Cereals Producing Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82742-Baker's Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82751-Fruit, Vegetable and Nut Processing Machine Operator	Total	4	0.0%	0.0%	50.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	75.0%
	NZWS	0												
	Maori NZWS	4	0.0%	0.0%	50.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	75.0%
82761-Sugar Processor and Refiner	Total	0												
	NZWS	0												
	Maori NZWS	0												
82762-Confectionery Maker	Total	0												
	NZWS	0												
	Maori NZWS	0												
82773-Other Food Products Processing Machine Operator	Total	8	12.5%	12.5%	71.4%	37.5%	75.0%	37.5%	12.5%	25.0%	37.5%	12.5%	25.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	16.7%	16.7%	60.0%	16.7%	66.7%	50.0%	16.7%	33.3%	33.3%	16.7%	33.3%	100.0%

82781-Tobacco Product Process Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
82791-Brewery Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82792-Distillery Worker (Alcoholic Beverages)	Total	0												
	NZWS	0												
	Maori NZWS	0												
82794-Wine Making Machine Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
82811-Hide and Pelt Processor	Total	0												
	NZWS	0												
	Maori NZWS	0												
82812-Tanner, Splitter and Dyer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82911-Machinery Assembler	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82921-Coil Winder	Total	0												
	NZWS	0												
	Maori NZWS	0												
82922-Electric and Electronic Equipment Assembler	Total	7	0.0%	0.0%	28.6%	0.0%	71.4%	28.6%	28.6%	42.9%	14.3%	0.0%	14.3%	71.4%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	0.0%	0.0%	0.0%	75.0%	50.0%	0.0%	50.0%	25.0%	0.0%	25.0%	75.0%
82923-Linesperson	Total	14	14.3%	0.0%	7.7%	21.4%	42.9%	42.9%	21.4%	42.9%	7.1%	14.3%	14.3%	71.4%
	NZWS	5	20.0%	0.0%	20.0%	0.0%	60.0%	100.0%	60.0%	60.0%	0.0%	20.0%	20.0%	100.0%
	Maori NZWS	9	11.1%	0.0%	0.0%	33.3%	33.3%	11.1%	0.0%	33.3%	11.1%	11.1%	11.1%	55.6%
82924-Electric Cable Jointer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82931-Metal Goods Assembler	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
82932-Plastic and Rubber Goods Assembler	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

82941-Wood and Related Materials Products Assembler	Total	4	0.0%	0.0%	0.0%	0.0%	50.0%	75.0%	0.0%	25.0%	25.0%	50.0%	0.0%	100.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
82942-Basket and Wicker Worker	Total	0												
	NZWS	0												
	Maori NZWS	0												
82944-Fencer	Total	9	11.1%	11.1%	33.3%	0.0%	77.8%	44.4%	11.1%	44.4%	11.1%	44.4%	0.0%	77.8%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	14.3%	14.3%	14.3%	0.0%	85.7%	42.9%	14.3%	42.9%	14.3%	42.9%	0.0%	85.7%
82953-Leather Goods Assembler	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
82954-Footwear Production Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
83111-Railway Locomotive Driver	Total	5	0.0%	0.0%	80.0%	80.0%	80.0%	60.0%	20.0%	20.0%	0.0%	0.0%	0.0%	80.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
83211-Taxi Driver	Total	17	50.0%	25.0%	58.8%	29.4%	23.5%	41.2%	0.0%	5.9%	0.0%	0.0%	5.9%	47.1%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	16	46.7%	20.0%	56.3%	25.0%	25.0%	37.5%	0.0%	6.3%	0.0%	0.0%	6.3%	43.8%
83212-Light Truck or Van Driver	Total	13	30.8%	7.7%	33.3%	18.2%	46.2%	38.5%	15.4%	7.7%	7.7%	15.4%	15.4%	53.8%
	NZWS	6	50.0%	0.0%	16.7%	0.0%	33.3%	16.7%	16.7%	0.0%	0.0%	16.7%	0.0%	50.0%
	Maori NZWS	7	14.3%	14.3%	50.0%	28.6%	57.1%	57.1%	14.3%	14.3%	14.3%	14.3%	28.6%	57.1%
83213-Driving Instructor	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
83221-Passenger Coach Driver	Total	17	29.4%	17.6%	52.9%	6.7%	35.3%	47.1%	5.9%	17.6%	0.0%	5.9%	0.0%	64.7%
	NZWS	8	25.0%	0.0%	50.0%	14.3%	37.5%	62.5%	12.5%	25.0%	0.0%	12.5%	0.0%	75.0%
	Maori NZWS	9	33.3%	33.3%	55.6%	0.0%	33.3%	33.3%	0.0%	11.1%	0.0%	0.0%	0.0%	55.6%
83231-Heavy Truck or Tanker Driver	Total	65	64.6%	38.5%	55.2%	16.1%	46.2%	21.5%	13.8%	26.2%	13.8%	6.2%	9.2%	64.6%
	NZWS	28	78.6%	42.9%	60.0%	18.5%	39.3%	14.3%	10.7%	21.4%	14.3%	10.7%	7.1%	60.7%
	Maori NZWS	37	54.1%	35.1%	51.5%	14.3%	51.4%	27.0%	16.2%	29.7%	13.5%	2.7%	10.8%	67.6%
83311-Farm Machinery Operator, Including Contractor	Total	8	62.5%	37.5%	71.4%	25.0%	50.0%	25.0%	25.0%	62.5%	0.0%	37.5%	12.5%	87.5%
	NZWS	6	66.7%	50.0%	80.0%	33.3%	66.7%	16.7%	33.3%	66.7%	0.0%	16.7%	0.0%	83.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
83312-Ground Spraying and/or Dusting Contractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

83321-Excavating Machine Operator	Total	12	33.3%	16.7%	25.0%	0.0%	83.3%	58.3%	16.7%	58.3%	8.3%	16.7%	16.7%	100.0%
	NZWS	4	25.0%	0.0%	0.0%	0.0%	100.0%	25.0%	0.0%	75.0%	25.0%	50.0%	25.0%	100.0%
	Maori NZWS	8	37.5%	25.0%	37.5%	0.0%	75.0%	75.0%	25.0%	50.0%	0.0%	0.0%	12.5%	100.0%
83323-Pile Driver, Driller Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
83324-Earthmoving Machine Operator	Total	12	50.0%	33.3%	27.3%	9.1%	66.7%	41.7%	0.0%	33.3%	0.0%	8.3%	8.3%	75.0%
	NZWS	7	42.9%	42.9%	28.6%	0.0%	57.1%	57.1%	0.0%	42.9%	0.0%	14.3%	14.3%	71.4%
	Maori NZWS	5	60.0%	20.0%	25.0%	20.0%	80.0%	20.0%	0.0%	20.0%	0.0%	0.0%	0.0%	80.0%
83325-Roading and/or Paving Machine Operator	Total	7	100.0%	57.1%	57.1%	16.7%	57.1%	57.1%	14.3%	14.3%	0.0%	28.6%	0.0%	85.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	100.0%	60.0%	60.0%	20.0%	80.0%	80.0%	20.0%	20.0%	0.0%	20.0%	0.0%	100.0%
83331-Crane Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
83341-Fork-Lift Operator	Total	16	6.3%	0.0%	66.7%	37.5%	43.8%	50.0%	43.8%	31.3%	31.3%	12.5%	12.5%	75.0%
	NZWS	6	0.0%	0.0%	66.7%	66.7%	66.7%	66.7%	33.3%	33.3%	0.0%	33.3%	33.3%	83.3%
	Maori NZWS	10	10.0%	0.0%	66.7%	20.0%	30.0%	40.0%	50.0%	30.0%	50.0%	0.0%	0.0%	70.0%
83342-Straddle-Truck Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
83343-Tow Truck Operator	Total	0												
	NZWS	0												
	Maori NZWS	0												
83411-Deck Rating	Total	0												
	NZWS	0												
	Maori NZWS	0												
83412-Other Ship or Boat Hand	Total	0												
	NZWS	0												
	Maori NZWS	0												
84110-Building Exterior Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
84111-Drainlayer	Total	7	85.7%	57.1%	14.3%	14.3%	57.1%	57.1%	14.3%	71.4%	0.0%	0.0%	14.3%	85.7%
	NZWS	5	80.0%	40.0%	20.0%	0.0%	60.0%	60.0%	0.0%	60.0%	0.0%	0.0%	0.0%	80.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
84112-Pipe Fitter	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-

84113-Steel Fixer	Total	0												
	NZWS	0												
	Maori NZWS	0												
84114-Scaffolder	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
84115-Rigger and Cable Splicer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
84116-Steel Erector, Construction	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
84117-Roofer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
84118-Aluminium Joiner	Total	0												
	NZWS	0												
	Maori NZWS	0												
84119-Insulator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
84121-Underwater Worker	Total	4	25.0%	0.0%	50.0%	0.0%	25.0%	50.0%	50.0%	50.0%	25.0%	0.0%	0.0%	75.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
91111-Cleaner	Total	85	3.6%	0.0%	27.4%	10.0%	39.3%	20.2%	7.1%	25.0%	19.0%	8.3%	35.7%	73.8%
	NZWS	34	6.1%	0.0%	32.4%	6.3%	29.4%	23.5%	2.9%	44.1%	26.5%	11.8%	23.5%	73.5%
	Maori NZWS	51	2.0%	0.0%	24.0%	12.5%	46.0%	18.0%	10.0%	12.0%	14.0%	6.0%	44.0%	74.0%
91112-Building Caretaker	Total	19	22.2%	5.6%	26.7%	6.3%	52.6%	15.8%	5.3%	36.8%	31.6%	36.8%	15.8%	78.9%
	NZWS	7	42.9%	14.3%	50.0%	0.0%	42.9%	14.3%	0.0%	28.6%	28.6%	57.1%	14.3%	85.7%
	Maori NZWS	12	9.1%	0.0%	18.2%	8.3%	58.3%	16.7%	8.3%	41.7%	33.3%	25.0%	16.7%	75.0%
91113-Pest Control Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
91211-Courier and Deliverer	Total	19	52.6%	36.8%	63.2%	5.3%	26.3%	21.1%	5.3%	0.0%	0.0%	10.5%	10.5%	47.4%
	NZWS	9	55.6%	22.2%	66.7%	0.0%	22.2%	44.4%	0.0%	0.0%	0.0%	11.1%	11.1%	44.4%
	Maori NZWS	10	50.0%	50.0%	60.0%	10.0%	30.0%	0.0%	10.0%	0.0%	0.0%	10.0%	10.0%	50.0%
91212-Hotel Porter	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												

91311-Refuse Collector	Total	2	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
91312-Street or Park Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0												
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
91411-Packer	Total	46	17.4%	4.3%	47.8%	15.6%	30.4%	15.2%	10.9%	10.9%	4.3%	4.3%	17.4%	50.0%
	NZWS	22	22.7%	0.0%	45.5%	14.3%	22.7%	9.1%	9.1%	9.1%	0.0%	0.0%	13.6%	45.5%
	Maori NZWS	24	12.5%	8.3%	50.0%	16.7%	37.5%	20.8%	12.5%	12.5%	8.3%	8.3%	20.8%	54.2%
91412-Loader and/or Checker	Total	29	31.0%	13.8%	39.3%	23.1%	65.5%	51.7%	24.1%	44.8%	6.9%	13.8%	20.7%	79.3%
	NZWS	10	40.0%	20.0%	60.0%	42.9%	50.0%	50.0%	50.0%	40.0%	10.0%	30.0%	40.0%	70.0%
	Maori NZWS	19	26.3%	10.5%	27.8%	15.8%	73.7%	52.6%	10.5%	47.4%	5.3%	5.3%	10.5%	84.2%
91413-Railway Shunter	Total	0												
	NZWS	0												
	Maori NZWS	0												
91511-Surveyor's Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0												
91512-Builder's Labourer	Total	16	25.0%	12.5%	14.3%	12.5%	87.5%	56.3%	31.3%	43.8%	18.8%	31.3%	6.3%	93.8%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	13	15.4%	7.7%	18.2%	7.7%	84.6%	61.5%	38.5%	38.5%	23.1%	30.8%	7.7%	92.3%
91513-Sawmill Labourer	Total	6	33.3%	0.0%	33.3%	16.7%	100.0%	16.7%	0.0%	50.0%	0.0%	16.7%	0.0%	100.0%
	NZWS	5	40.0%	0.0%	40.0%	20.0%	100.0%	20.0%	0.0%	60.0%	0.0%	20.0%	0.0%	100.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-
91514-General Labourer	Total	33	33.3%	12.1%	25.0%	6.5%	60.6%	39.4%	12.1%	39.4%	18.2%	21.2%	30.3%	78.8%
	NZWS	22	31.8%	9.1%	36.4%	4.5%	40.9%	27.3%	13.6%	45.5%	18.2%	13.6%	36.4%	68.2%
	Maori NZWS	11	36.4%	18.2%	0.0%	11.1%	100.0%	63.6%	9.1%	27.3%	18.2%	36.4%	18.2%	100.0%

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
NZSCO 5-DIGIT OCCUPATIONAL CODE	Study															
11111-Member of Parliament	Total	0														
	NZWS	0														
	Maori NZWS	0														
11112-Local Government Legislator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11211-Chief Executive - Central Government	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11212-Chief Executive - Local Government	Total	0														
	NZWS	0														
	Maori NZWS	0														
11213-Diplomatic Representative	Total	0														
	NZWS	0														
	Maori NZWS	0														
11311-Chief Executive and/or Managing Director	Total	38	28.9%	10.5%	23.7%	47.4%	44.7%	86.8%	39.5%	13.2%	15.8%	18.4%	86.5%	10.5%	18.4%	23.7%
	NZWS	29	24.1%	3.4%	10.3%	37.9%	34.5%	86.2%	37.9%	3.4%	6.9%	17.2%	85.7%	3.4%	6.9%	13.8%
	Maori NZWS	9	44.4%	33.3%	66.7%	77.8%	77.8%	88.9%	44.4%	44.4%	44.4%	22.2%	88.9%	33.3%	55.6%	55.6%
11411-Special-Interest Organisation Administrator	Total	10	60.0%	30.0%	30.0%	50.0%	40.0%	100.0%	30.0%	20.0%	30.0%	0.0%	90.0%	0.0%	40.0%	20.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	42.9%	14.3%	14.3%	42.9%	28.6%	100.0%	28.6%	0.0%	0.0%	0.0%	85.7%	0.0%	28.6%	14.3%
12111-General Manager	Total	69	31.9%	20.3%	18.8%	50.7%	36.2%	72.5%	33.3%	10.1%	7.2%	14.5%	92.8%	7.4%	19.1%	8.7%
	NZWS	53	30.2%	18.9%	7.5%	49.1%	34.0%	71.7%	32.1%	5.7%	1.9%	11.3%	98.1%	1.9%	11.5%	3.8%
	Maori NZWS	16	37.5%	25.0%	56.3%	56.3%	43.8%	75.0%	37.5%	25.0%	25.0%	25.0%	75.0%	25.0%	43.8%	25.0%
12211-Senior Education Manager	Total	31	51.6%	38.7%	35.5%	58.1%	51.6%	96.8%	32.3%	6.7%	22.6%	12.9%	87.1%	3.2%	29.0%	22.6%
	NZWS	13	46.2%	30.8%	30.8%	38.5%	38.5%	100.0%	30.8%	0.0%	15.4%	7.7%	92.3%	0.0%	15.4%	15.4%
	Maori NZWS	18	55.6%	44.4%	38.9%	72.2%	61.1%	94.4%	33.3%	11.8%	27.8%	16.7%	83.3%	5.6%	38.9%	27.8%

12212-Broadcasting and Theatrical Production Manager	Total	4	0.0%	25.0%	0.0%	75.0%	50.0%	100.0%	50.0%	50.0%	50.0%	25.0%	75.0%	0.0%	50.0%	25.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12213-Production Manager (Manufacturing)	Total	36	44.4%	36.1%	40.0%	47.2%	50.0%	75.0%	47.2%	27.8%	27.8%	30.6%	75.0%	22.2%	33.3%	55.6%
	NZWS	28	42.9%	39.3%	40.7%	46.4%	57.1%	82.1%	46.4%	21.4%	25.0%	32.1%	67.9%	28.6%	32.1%	64.3%
	Maori NZWS	8	50.0%	25.0%	37.5%	50.0%	25.0%	50.0%	50.0%	50.0%	37.5%	25.0%	100.0%	0.0%	37.5%	25.0%
12214-Transport Manager	Total	13	30.8%	46.2%	38.5%	76.9%	38.5%	84.6%	38.5%	30.8%	25.0%	15.4%	92.3%	15.4%	46.2%	46.2%
	NZWS	9	22.2%	44.4%	44.4%	77.8%	22.2%	77.8%	33.3%	22.2%	12.5%	22.2%	88.9%	22.2%	44.4%	44.4%
	Maori NZWS	4	50.0%	50.0%	25.0%	75.0%	75.0%	100.0%	50.0%	50.0%	50.0%	0.0%	100.0%	0.0%	50.0%	50.0%
12215-Forest Manager	Total	4	75.0%	75.0%	75.0%	75.0%	75.0%	100.0%	25.0%	75.0%	75.0%	33.3%	50.0%	75.0%	100.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12216-Quarry Manager	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12218-Construction Manager	Total	10	50.0%	30.0%	20.0%	50.0%	30.0%	90.0%	40.0%	40.0%	50.0%	40.0%	80.0%	10.0%	80.0%	60.0%
	NZWS	8	50.0%	25.0%	12.5%	37.5%	25.0%	87.5%	25.0%	37.5%	37.5%	37.5%	87.5%	0.0%	75.0%	62.5%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12219-Engineering Technical Manager	Total	6	83.3%	66.7%	66.7%	83.3%	50.0%	100.0%	33.3%	66.7%	83.3%	16.7%	80.0%	33.3%	50.0%	50.0%
	NZWS	6	83.3%	66.7%	66.7%	83.3%	50.0%	100.0%	33.3%	66.7%	83.3%	16.7%	80.0%	33.3%	50.0%	50.0%
	Maori NZWS	0														
12221-Health Services Manager	Total	14	50.0%	35.7%	28.6%	71.4%	57.1%	100.0%	28.6%	35.7%	21.4%	14.3%	100.0%	0.0%	14.3%	21.4%
	NZWS	7	71.4%	42.9%	14.3%	71.4%	57.1%	100.0%	42.9%	57.1%	42.9%	14.3%	100.0%	0.0%	14.3%	42.9%
	Maori NZWS	7	28.6%	28.6%	42.9%	71.4%	57.1%	100.0%	14.3%	14.3%	0.0%	14.3%	100.0%	0.0%	14.3%	0.0%
12222-Administration Manager	Total	88	40.2%	26.4%	19.3%	58.0%	53.4%	87.5%	35.6%	15.1%	16.5%	13.6%	90.9%	5.7%	28.7%	17.0%
	NZWS	58	36.2%	24.1%	12.1%	55.2%	51.7%	82.8%	33.3%	8.9%	9.1%	10.3%	89.7%	3.4%	26.3%	10.3%
	Maori NZWS	30	48.3%	31.0%	33.3%	63.3%	56.7%	96.7%	40.0%	26.7%	30.0%	20.0%	93.3%	10.0%	33.3%	30.0%
12223-Property Manager	Total	10	40.0%	30.0%	40.0%	80.0%	40.0%	80.0%	55.6%	20.0%	40.0%	20.0%	70.0%	20.0%	80.0%	20.0%
	NZWS	6	50.0%	33.3%	33.3%	83.3%	50.0%	66.7%	60.0%	16.7%	50.0%	16.7%	66.7%	16.7%	83.3%	16.7%
	Maori NZWS	4	25.0%	25.0%	50.0%	75.0%	25.0%	100.0%	50.0%	25.0%	25.0%	25.0%	75.0%	25.0%	75.0%	25.0%
12224-Finance Manager	Total	38	42.1%	36.8%	13.2%	63.2%	71.1%	92.1%	42.1%	15.8%	23.7%	5.3%	94.7%	0.0%	7.9%	7.9%
	NZWS	26	38.5%	34.6%	15.4%	57.7%	69.2%	96.2%	46.2%	23.1%	26.9%	7.7%	92.3%	0.0%	3.8%	7.7%
	Maori NZWS	12	50.0%	41.7%	8.3%	75.0%	75.0%	83.3%	33.3%	0.0%	16.7%	0.0%	100.0%	0.0%	16.7%	8.3%
12231-Human Resources Manager	Total	14	21.4%	14.3%	14.3%	57.1%	42.9%	100.0%	42.9%	7.1%	28.6%	21.4%	85.7%	0.0%	0.0%	14.3%
	NZWS	10	20.0%	20.0%	10.0%	50.0%	40.0%	100.0%	50.0%	10.0%	20.0%	20.0%	80.0%	0.0%	0.0%	20.0%
	Maori NZWS	4	25.0%	0.0%	25.0%	75.0%	50.0%	100.0%	25.0%	0.0%	50.0%	25.0%	100.0%	0.0%	0.0%	0.0%
12241-Sales and/or Marketing Manager	Total	63	56.5%	29.0%	25.4%	55.6%	33.9%	71.4%	28.6%	11.1%	12.7%	17.5%	90.5%	3.2%	22.6%	11.1%
	NZWS	49	58.3%	27.1%	18.4%	55.1%	31.3%	71.4%	24.5%	8.2%	10.2%	14.3%	91.8%	2.0%	20.8%	8.2%
	Maori NZWS	14	50.0%	35.7%	50.0%	57.1%	42.9%	71.4%	42.9%	21.4%	21.4%	28.6%	85.7%	7.1%	28.6%	21.4%
12251-Advertising and Public Relations Manager	Total	9	55.6%	22.2%	22.2%	55.6%	44.4%	100.0%	55.6%	33.3%	11.1%	22.2%	88.9%	0.0%	33.3%	22.2%
	NZWS	5	40.0%	20.0%	0.0%	60.0%	60.0%	100.0%	40.0%	40.0%	0.0%	0.0%	100.0%	0.0%	0.0%	20.0%
	Maori NZWS	4	75.0%	25.0%	50.0%	50.0%	25.0%	100.0%	75.0%	25.0%	25.0%	50.0%	75.0%	0.0%	75.0%	25.0%

12261-Supply and Distribution Manager	Total	14	64.3%	50.0%	64.3%	64.3%	71.4%	92.9%	50.0%	64.3%	21.4%	35.7%	92.9%	0.0%	14.3%	21.4%
	NZWS	9	66.7%	55.6%	77.8%	66.7%	66.7%	88.9%	77.8%	77.8%	11.1%	44.4%	88.9%	0.0%	11.1%	22.2%
	Maori NZWS	5	60.0%	40.0%	40.0%	60.0%	80.0%	100.0%	0.0%	40.0%	40.0%	20.0%	100.0%	0.0%	20.0%	20.0%
12262-Wholesale and Warehouse Manager	Total	12	50.0%	58.3%	66.7%	75.0%	83.3%	83.3%	41.7%	50.0%	50.0%	50.0%	75.0%	0.0%	50.0%	41.7%
	NZWS	9	44.4%	55.6%	55.6%	66.7%	77.8%	77.8%	44.4%	44.4%	44.4%	44.4%	77.8%	0.0%	44.4%	33.3%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12263-Retail Manager	Total	90	56.7%	34.4%	50.0%	68.5%	62.2%	61.1%	40.0%	26.7%	32.2%	38.9%	42.2%	3.3%	15.6%	21.1%
	NZWS	61	50.8%	37.7%	45.9%	70.0%	62.3%	59.0%	37.7%	31.1%	32.8%	39.3%	47.5%	1.6%	13.1%	23.0%
	Maori NZWS	29	69.0%	27.6%	58.6%	65.5%	62.1%	65.5%	44.8%	17.2%	31.0%	37.9%	31.0%	6.9%	20.7%	17.2%
12264-Hotel or Motel Manager	Total	8	62.5%	37.5%	25.0%	71.4%	37.5%	62.5%	12.5%	12.5%	25.0%	37.5%	75.0%	0.0%	12.5%	0.0%
	NZWS	5	60.0%	40.0%	20.0%	60.0%	40.0%	60.0%	20.0%	0.0%	20.0%	40.0%	80.0%	0.0%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12265-Restaurant or Tavern Manager	Total	13	53.8%	23.1%	61.5%	92.3%	84.6%	84.6%	53.8%	7.7%	38.5%	69.2%	46.2%	7.7%	0.0%	30.8%
	NZWS	7	71.4%	14.3%	57.1%	100.0%	85.7%	100.0%	57.1%	0.0%	28.6%	85.7%	42.9%	14.3%	0.0%	28.6%
	Maori NZWS	6	33.3%	33.3%	66.7%	83.3%	83.3%	66.7%	50.0%	16.7%	50.0%	50.0%	50.0%	0.0%	0.0%	33.3%
12266-Other Lodging Services Manager	Total	5	80.0%	40.0%	60.0%	60.0%	40.0%	60.0%	20.0%	0.0%	0.0%	0.0%	40.0%	20.0%	100.0%	20.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12267-Other Catering Services Manager	Total	28	53.6%	37.0%	67.9%	89.3%	64.3%	71.4%	25.0%	17.9%	53.6%	46.4%	35.7%	10.7%	21.4%	35.7%
	NZWS	4	75.0%	25.0%	25.0%	100.0%	25.0%	50.0%	0.0%	0.0%	25.0%	75.0%	50.0%	0.0%	0.0%	25.0%
	Maori NZWS	24	50.0%	39.1%	75.0%	87.5%	70.8%	75.0%	29.2%	20.8%	58.3%	41.7%	33.3%	12.5%	25.0%	37.5%
12271-Information Technology Manager	Total	10	60.0%	30.0%	20.0%	40.0%	50.0%	100.0%	50.0%	10.0%	10.0%	10.0%	100.0%	0.0%	0.0%	0.0%
	NZWS	8	50.0%	37.5%	25.0%	25.0%	50.0%	100.0%	50.0%	12.5%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12281-Research and Development Manager	Total	7	57.1%	42.9%	14.3%	71.4%	42.9%	85.7%	28.6%	28.6%	14.3%	0.0%	85.7%	14.3%	14.3%	28.6%
	NZWS	7	57.1%	42.9%	14.3%	71.4%	42.9%	85.7%	28.6%	28.6%	14.3%	0.0%	85.7%	14.3%	14.3%	28.6%
	Maori NZWS	0														
12282-Quality Assurance Manager	Total	13	53.8%	23.1%	30.8%	69.2%	46.2%	92.3%	61.5%	23.1%	30.8%	30.8%	84.6%	7.7%	15.4%	38.5%
	NZWS	11	54.5%	18.2%	27.3%	63.6%	36.4%	90.9%	63.6%	9.1%	18.2%	27.3%	81.8%	0.0%	18.2%	27.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12291-Office Manager	Total	28	50.0%	39.3%	25.0%	59.3%	37.0%	85.7%	37.0%	17.9%	21.4%	0.0%	96.4%	7.1%	7.1%	14.3%
	NZWS	13	30.8%	38.5%	15.4%	41.7%	33.3%	76.9%	25.0%	0.0%	7.7%	0.0%	100.0%	7.7%	0.0%	7.7%
	Maori NZWS	15	66.7%	40.0%	33.3%	73.3%	40.0%	93.3%	46.7%	33.3%	33.3%	0.0%	93.3%	6.7%	13.3%	20.0%
21111-Physicist	Total	0														
	NZWS	0														
	Maori NZWS	0														
21121-Meteorologist	Total	0														
	NZWS	0														
	Maori NZWS	0														
21131-Chemist (Other than Pharmacist)	Total	4	25.0%	50.0%	25.0%	0.0%	50.0%	100.0%	25.0%	0.0%	0.0%	0.0%	100.0%	0.0%	25.0%	0.0%
	NZWS	4	25.0%	50.0%	25.0%	0.0%	50.0%	100.0%	25.0%	0.0%	0.0%	0.0%	100.0%	0.0%	25.0%	0.0%
	Maori NZWS	0														

21141-Geologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
21142-Geophysicist	Total	0														
	NZWS	0														
	Maori NZWS	0														
21211-Mathematician and/or Statistician	Total	0														
	NZWS	0														
	Maori NZWS	0														
21311-Systems Analyst	Total	23	30.4%	30.4%	8.7%	73.9%	65.2%	82.6%	43.5%	4.3%	21.7%	21.7%	100.0%	0.0%	4.3%	8.7%
	NZWS	13	30.8%	38.5%	0.0%	69.2%	69.2%	76.9%	38.5%	7.7%	38.5%	30.8%	100.0%	0.0%	0.0%	7.7%
	Maori NZWS	10	30.0%	20.0%	20.0%	80.0%	60.0%	90.0%	50.0%	0.0%	0.0%	10.0%	100.0%	0.0%	10.0%	10.0%
21312-Computer Applications Engineer	Total	36	41.7%	30.6%	22.2%	69.4%	40.0%	82.9%	44.4%	13.9%	16.7%	16.7%	100.0%	2.8%	5.6%	13.9%
	NZWS	26	46.2%	34.6%	19.2%	76.9%	40.0%	76.0%	42.3%	11.5%	19.2%	19.2%	100.0%	0.0%	3.8%	11.5%
	Maori NZWS	10	30.0%	20.0%	30.0%	50.0%	40.0%	100.0%	50.0%	20.0%	10.0%	10.0%	100.0%	10.0%	10.0%	20.0%
21313-Systems Manager	Total	13	38.5%	30.8%	15.4%	69.2%	53.8%	84.6%	53.8%	7.7%	38.5%	15.4%	100.0%	0.0%	7.7%	0.0%
	NZWS	11	27.3%	18.2%	0.0%	72.7%	54.5%	81.8%	54.5%	0.0%	36.4%	0.0%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21411-Architect	Total	8	62.5%	50.0%	12.5%	62.5%	12.5%	87.5%	37.5%	0.0%	0.0%	25.0%	87.5%	0.0%	12.5%	0.0%
	NZWS	8	62.5%	50.0%	12.5%	62.5%	12.5%	87.5%	37.5%	0.0%	0.0%	25.0%	87.5%	0.0%	12.5%	0.0%
	Maori NZWS	0														
21412-Resource Management Planner	Total	7	42.9%	28.6%	28.6%	71.4%	85.7%	100.0%	14.3%	0.0%	14.3%	0.0%	85.7%	0.0%	50.0%	0.0%
	NZWS	7	42.9%	28.6%	28.6%	71.4%	85.7%	100.0%	14.3%	0.0%	14.3%	0.0%	85.7%	0.0%	50.0%	0.0%
	Maori NZWS	0														
21413-Landscape Architect	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21421-Roading Engineer	Total	0														
	NZWS	0														
	Maori NZWS	0														
21422-Water Resources Engineer	Total	5	80.0%	100.0%	60.0%	80.0%	60.0%	80.0%	40.0%	60.0%	20.0%	60.0%	50.0%	40.0%	100.0%	80.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21423-Public Health Engineer	Total	0														
	NZWS	0														
	Maori NZWS	0														
21425-Structural Engineer	Total	6	33.3%	0.0%	0.0%	16.7%	16.7%	50.0%	16.7%	0.0%	16.7%	16.7%	66.7%	16.7%	20.0%	50.0%
	NZWS	6	33.3%	0.0%	0.0%	16.7%	16.7%	50.0%	16.7%	0.0%	16.7%	16.7%	66.7%	16.7%	20.0%	50.0%
	Maori NZWS	0														
21426-Other Civil Engineer	Total	9	33.3%	33.3%	11.1%	55.6%	44.4%	100.0%	22.2%	11.1%	11.1%	22.2%	88.9%	11.1%	33.3%	22.2%
	NZWS	8	25.0%	25.0%	0.0%	50.0%	37.5%	100.0%	12.5%	0.0%	0.0%	12.5%	87.5%	0.0%	25.0%	12.5%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

21431-Electrical Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
21441-Electronic and Telecommunications Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
21451-Heating, Ventilation and Refrigeration Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
21452-Naval Architect and/or Ships' Surveyor	Total	0														
	NZWS	0														
	Maori NZWS	0														
21453-Aeronautical Engineer and/or Aircraft Surveyor	Total	10	60.0%	40.0%	40.0%	50.0%	50.0%	80.0%	20.0%	70.0%	70.0%	20.0%	60.0%	20.0%	60.0%	80.0%
	NZWS	6	50.0%	33.3%	33.3%	33.3%	50.0%	66.7%	16.7%	50.0%	50.0%	16.7%	33.3%	16.7%	50.0%	66.7%
	Maori NZWS	4	75.0%	50.0%	50.0%	75.0%	50.0%	100.0%	25.0%	100.0%	100.0%	25.0%	100.0%	25.0%	75.0%	100.0%
21454-Agricultural Engineer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
21455-Other Mechanical Engineer	Total	14	57.1%	57.1%	57.1%	71.4%	57.1%	92.9%	69.2%	42.9%	35.7%	21.4%	71.4%	28.6%	50.0%	42.9%
	NZWS	10	60.0%	70.0%	60.0%	70.0%	70.0%	90.0%	55.6%	40.0%	30.0%	30.0%	80.0%	40.0%	50.0%	50.0%
	Maori NZWS	4	50.0%	25.0%	50.0%	75.0%	25.0%	100.0%	100.0%	50.0%	50.0%	0.0%	50.0%	0.0%	50.0%	25.0%
21461-Chemical Engineer	Total	4	50.0%	25.0%	0.0%	25.0%	0.0%	50.0%	50.0%	25.0%	25.0%	25.0%	100.0%	0.0%	25.0%	25.0%
	NZWS	4	50.0%	25.0%	0.0%	25.0%	0.0%	50.0%	50.0%	25.0%	25.0%	25.0%	100.0%	0.0%	25.0%	25.0%
	Maori NZWS	0														
21471-Metallurgist	Total	0														
	NZWS	0														
	Maori NZWS	0														
21472-Mining Engineer	Total	0														
	NZWS	0														
	Maori NZWS	0														
21481-Surveyor	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
21483-Cartographer and Photogrammetrist	Total	0														
	NZWS	0														
	Maori NZWS	0														
22111-Biologist	Total	0														
	NZWS	0														
	Maori NZWS	0														
22112-Botanist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

22212-Resident Medical Officer	Total	10	60.0%	40.0%	10.0%	40.0%	70.0%	90.0%	30.0%	10.0%	10.0%	40.0%	70.0%	0.0%	0.0%	10.0%
	NZWS	9	66.7%	44.4%	0.0%	44.4%	66.7%	88.9%	33.3%	11.1%	11.1%	33.3%	66.7%	0.0%	0.0%	11.1%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22213-Surgeon	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22214-Physician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
22215-Gynaecologist and Obstetrician	Total	0														
	NZWS	0														
	Maori NZWS	0														
22216-Radiologist, Radiation Oncologist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22217-Anaesthetist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
22221-Dentist and Dental Surgeon	Total	4	100.0%	75.0%	0.0%	75.0%	75.0%	100.0%	50.0%	25.0%	50.0%	0.0%	100.0%	75.0%	0.0%	75.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22231-Veterinarian	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
22241-Hospital Pharmacist	Total	0														
	NZWS	0														
	Maori NZWS	0														
22242-Retail Pharmacist	Total	6	66.7%	16.7%	16.7%	66.7%	33.3%	66.7%	16.7%	16.7%	16.7%	33.3%	0.0%	0.0%	0.0%	16.7%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22251-Dietitian and Public Health Nutritionist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22261-Optometrist	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22311-Principal Nurse	Total	7	57.1%	28.6%	42.9%	85.7%	57.1%	71.4%	42.9%	14.3%	0.0%	14.3%	71.4%	0.0%	14.3%	0.0%
	NZWS	6	50.0%	33.3%	33.3%	83.3%	50.0%	66.7%	50.0%	0.0%	0.0%	16.7%	66.7%	0.0%	16.7%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22312-Registered Nurse	Total	101	71.0%	49.0%	54.0%	70.0%	64.0%	79.0%	27.0%	15.0%	34.3%	41.0%	63.0%	7.1%	7.1%	22.0%
	NZWS	59	67.2%	44.8%	55.2%	58.6%	62.1%	77.6%	29.3%	10.3%	29.8%	43.1%	56.9%	6.9%	3.5%	19.0%
	Maori NZWS	42	76.2%	54.8%	52.4%	85.7%	66.7%	81.0%	23.8%	21.4%	40.5%	38.1%	71.4%	7.3%	11.9%	26.2%

22313-Psychiatric Nurse	Total	9	55.6%	11.1%	22.2%	55.6%	55.6%	55.6%	22.2%	22.2%	22.2%	22.2%	55.6%	0.0%	33.3%	22.2%
	NZWS	7	42.9%	14.3%	14.3%	42.9%	57.1%	42.9%	14.3%	14.3%	14.3%	14.3%	42.9%	0.0%	14.3%	14.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22314-Plunket Nurse	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22315-Public Health and District Nurse	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22316-Occupational Health Nurse	Total	0														
	NZWS	0														
	Maori NZWS	0														
22317-Midwife	Total	6	83.3%	50.0%	33.3%	50.0%	33.3%	50.0%	16.7%	0.0%	66.7%	33.3%	66.7%	0.0%	0.0%	33.3%
	NZWS	4	75.0%	50.0%	25.0%	50.0%	25.0%	50.0%	25.0%	0.0%	50.0%	50.0%	75.0%	0.0%	0.0%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23111-University and Higher Education Lecturer and/or Tutor	Total	68	47.8%	25.4%	16.4%	47.8%	26.9%	80.6%	16.4%	11.9%	16.4%	31.3%	81.8%	10.4%	11.9%	10.4%
	NZWS	43	39.5%	25.6%	11.6%	44.2%	27.9%	74.4%	16.3%	9.3%	11.6%	30.2%	81.0%	9.3%	7.0%	9.3%
	Maori NZWS	25	62.5%	25.0%	25.0%	54.2%	25.0%	91.7%	16.7%	16.7%	25.0%	33.3%	83.3%	12.5%	20.8%	12.5%
23211-Secondary School Teacher	Total	102	50.0%	23.5%	39.2%	49.0%	46.1%	88.1%	28.0%	20.6%	29.4%	31.4%	67.6%	3.9%	33.7%	34.3%
	NZWS	62	45.2%	12.9%	35.5%	37.1%	50.0%	88.5%	25.0%	16.1%	25.8%	29.0%	64.5%	1.6%	13.1%	29.0%
	Maori NZWS	40	57.5%	40.0%	45.0%	67.5%	40.0%	87.5%	32.5%	27.5%	35.0%	35.0%	72.5%	7.5%	65.0%	42.5%
23311-Primary School Teacher	Total	94	63.8%	19.4%	36.2%	55.3%	39.4%	81.9%	31.2%	27.7%	37.2%	32.3%	66.0%	3.2%	60.2%	36.2%
	NZWS	62	61.3%	18.0%	30.6%	46.8%	40.3%	75.8%	31.1%	24.2%	35.5%	32.8%	61.3%	1.6%	56.5%	32.3%
	Maori NZWS	32	68.8%	21.9%	46.9%	71.9%	37.5%	93.8%	31.3%	34.4%	40.6%	31.3%	75.0%	6.3%	67.7%	43.8%
23321-Early Childhood Teacher	Total	32	75.0%	43.8%	81.3%	75.0%	46.9%	65.6%	15.6%	25.0%	41.9%	31.3%	75.0%	0.0%	93.8%	65.6%
	NZWS	22	81.8%	45.5%	77.3%	77.3%	54.5%	54.5%	22.7%	27.3%	40.9%	45.5%	72.7%	0.0%	95.5%	72.7%
	Maori NZWS	10	60.0%	40.0%	90.0%	70.0%	30.0%	90.0%	0.0%	20.0%	44.4%	0.0%	80.0%	0.0%	90.0%	50.0%
23322-Kōhanga Reo Teacher	Total	18	61.1%	11.1%	50.0%	55.6%	22.2%	77.8%	33.3%	16.7%	38.9%	22.2%	66.7%	0.0%	66.7%	38.9%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	17	64.7%	11.8%	52.9%	58.8%	23.5%	82.4%	35.3%	17.6%	41.2%	23.5%	70.6%	0.0%	70.6%	41.2%
23411-Special Education Teacher	Total	18	55.6%	38.9%	22.2%	50.0%	44.4%	58.8%	0.0%	22.2%	33.3%	27.8%	66.7%	5.6%	16.7%	27.8%
	NZWS	13	46.2%	30.8%	23.1%	46.2%	46.2%	58.3%	0.0%	15.4%	23.1%	30.8%	61.5%	0.0%	15.4%	23.1%
	Maori NZWS	5	80.0%	60.0%	20.0%	60.0%	40.0%	60.0%	0.0%	40.0%	60.0%	20.0%	80.0%	20.0%	20.0%	40.0%
23412-Speech-Language Therapist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23413-Teacher of English to Speakers of Other Languages	Total	8	12.5%	0.0%	0.0%	25.0%	0.0%	50.0%	12.5%	12.5%	0.0%	25.0%	75.0%	0.0%	12.5%	0.0%
	NZWS	6	0.0%	0.0%	0.0%	16.7%	0.0%	50.0%	16.7%	16.7%	0.0%	16.7%	66.7%	0.0%	16.7%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23511-Education Adviser	Total	6	66.7%	33.3%	33.3%	66.7%	50.0%	83.3%	33.3%	16.7%	16.7%	16.7%	100.0%	0.0%	50.0%	16.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	50.0%	25.0%	25.0%	50.0%	25.0%	75.0%	25.0%	25.0%	25.0%	25.0%	100.0%	0.0%	50.0%	0.0%

23521-Education Reviewer	Total	10	70.0%	40.0%	30.0%	77.8%	40.0%	100.0%	40.0%	20.0%	50.0%	0.0%	70.0%	10.0%	50.0%	20.0%
	NZWS	5	40.0%	20.0%	20.0%	50.0%	20.0%	100.0%	20.0%	0.0%	40.0%	0.0%	80.0%	20.0%	20.0%	20.0%
	Maori NZWS	5	100.0%	60.0%	40.0%	100.0%	60.0%	100.0%	60.0%	40.0%	60.0%	0.0%	60.0%	0.0%	80.0%	20.0%
24111-Accountant	Total	44	27.3%	18.2%	15.9%	54.5%	43.2%	79.5%	45.5%	4.7%	20.9%	11.4%	100.0%	2.3%	2.3%	4.5%
	NZWS	33	27.3%	21.2%	18.2%	54.5%	42.4%	75.8%	45.5%	3.0%	18.2%	9.1%	100.0%	3.0%	3.0%	3.0%
	Maori NZWS	11	27.3%	9.1%	9.1%	54.5%	45.5%	90.9%	45.5%	10.0%	30.0%	18.2%	100.0%	0.0%	0.0%	9.1%
24113-Auditor	Total	7	42.9%	57.1%	0.0%	66.7%	57.1%	71.4%	42.9%	28.6%	28.6%	14.3%	100.0%	0.0%	14.3%	14.3%
	NZWS	4	50.0%	25.0%	0.0%	75.0%	50.0%	75.0%	50.0%	50.0%	50.0%	25.0%	100.0%	0.0%	25.0%	25.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24121-Human Resources Officer	Total	22	31.8%	31.8%	9.1%	68.2%	45.5%	86.4%	50.0%	0.0%	18.2%	9.1%	95.5%	0.0%	0.0%	0.0%
	NZWS	18	33.3%	33.3%	5.6%	72.2%	44.4%	83.3%	55.6%	0.0%	5.6%	5.6%	94.4%	0.0%	0.0%	0.0%
	Maori NZWS	4	25.0%	25.0%	25.0%	50.0%	50.0%	100.0%	25.0%	0.0%	75.0%	25.0%	100.0%	0.0%	0.0%	0.0%
24122-Training and Development Officer	Total	18	66.7%	27.8%	27.8%	61.1%	61.1%	88.9%	50.0%	16.7%	22.2%	16.7%	83.3%	11.1%	16.7%	27.8%
	NZWS	7	57.1%	14.3%	14.3%	42.9%	42.9%	85.7%	42.9%	14.3%	14.3%	14.3%	85.7%	14.3%	0.0%	14.3%
	Maori NZWS	11	72.7%	36.4%	36.4%	72.7%	72.7%	90.9%	54.5%	18.2%	27.3%	18.2%	81.8%	9.1%	27.3%	36.4%
24131-Market Research Analyst	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24132-Public Relations Officer	Total	12	25.0%	25.0%	0.0%	66.7%	25.0%	83.3%	25.0%	0.0%	8.3%	0.0%	100.0%	8.3%	8.3%	0.0%
	NZWS	6	16.7%	16.7%	0.0%	83.3%	0.0%	83.3%	0.0%	0.0%	0.0%	0.0%	100.0%	16.7%	16.7%	0.0%
	Maori NZWS	6	33.3%	33.3%	0.0%	50.0%	50.0%	83.3%	50.0%	0.0%	16.7%	0.0%	100.0%	0.0%	0.0%	0.0%
24133-Financial Adviser	Total	16	56.3%	18.8%	12.5%	62.5%	43.8%	93.8%	56.3%	20.0%	31.3%	6.3%	87.5%	12.5%	6.3%	6.3%
	NZWS	12	50.0%	8.3%	8.3%	58.3%	41.7%	91.7%	41.7%	18.2%	25.0%	8.3%	91.7%	8.3%	0.0%	8.3%
	Maori NZWS	4	75.0%	50.0%	25.0%	75.0%	50.0%	100.0%	100.0%	25.0%	50.0%	0.0%	75.0%	25.0%	25.0%	0.0%
24134-Fundraiser	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
24135-Management Consultant	Total	9	55.6%	55.6%	0.0%	55.6%	44.4%	77.8%	11.1%	0.0%	11.1%	11.1%	77.8%	0.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	83.3%	66.7%	0.0%	50.0%	66.7%	83.3%	16.7%	0.0%	16.7%	16.7%	83.3%	0.0%	0.0%	0.0%
24211-Barrister and Solicitor	Total	25	36.0%	20.0%	12.0%	56.0%	56.0%	88.0%	68.0%	4.0%	28.0%	20.0%	100.0%	0.0%	0.0%	0.0%
	NZWS	17	29.4%	23.5%	5.9%	52.9%	41.2%	88.2%	70.6%	5.9%	29.4%	11.8%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	8	50.0%	12.5%	25.0%	62.5%	87.5%	87.5%	62.5%	0.0%	25.0%	37.5%	100.0%	0.0%	0.0%	0.0%
24221-Judge	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24231-Other Legal Professional	Total	5	40.0%	20.0%	60.0%	60.0%	40.0%	80.0%	40.0%	20.0%	20.0%	0.0%	100.0%	20.0%	60.0%	20.0%
	NZWS	0														
	Maori NZWS	5	40.0%	20.0%	60.0%	60.0%	40.0%	80.0%	40.0%	20.0%	20.0%	0.0%	100.0%	20.0%	60.0%	20.0%
24311-Archivist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

24312-Art Gallery and/or Museum Curator	Total	4	75.0%	25.0%	50.0%	100.0%	100.0%	100.0%	75.0%	25.0%	50.0%	25.0%	75.0%	25.0%	25.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24321-Librarian	Total	26	50.0%	38.5%	46.2%	80.8%	50.0%	61.5%	42.3%	19.2%	38.5%	38.5%	88.0%	0.0%	0.0%	7.7%
	NZWS	18	50.0%	38.9%	33.3%	72.2%	38.9%	55.6%	38.9%	5.6%	22.2%	44.4%	94.1%	0.0%	0.0%	11.1%
	Maori NZWS	8	50.0%	37.5%	75.0%	100.0%	75.0%	75.0%	50.0%	50.0%	75.0%	25.0%	75.0%	0.0%	0.0%	0.0%
24322-Information Services Administrator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
24411-Economist	Total	0														
	NZWS	0														
	Maori NZWS	0														
24421-Social Scientist	Total	16	43.8%	31.3%	18.8%	62.5%	37.5%	87.5%	50.0%	12.5%	25.0%	25.0%	93.8%	12.5%	18.8%	12.5%
	NZWS	8	37.5%	25.0%	12.5%	50.0%	37.5%	75.0%	37.5%	0.0%	12.5%	0.0%	87.5%	0.0%	12.5%	0.0%
	Maori NZWS	8	50.0%	37.5%	25.0%	75.0%	37.5%	100.0%	62.5%	25.0%	37.5%	50.0%	100.0%	25.0%	25.0%	25.0%
24422-Policy Analyst	Total	21	57.1%	28.6%	9.5%	52.4%	38.1%	95.2%	33.3%	14.3%	9.5%	4.8%	95.2%	0.0%	19.0%	4.8%
	NZWS	12	58.3%	25.0%	8.3%	50.0%	16.7%	91.7%	33.3%	0.0%	0.0%	8.3%	100.0%	0.0%	25.0%	0.0%
	Maori NZWS	9	55.6%	33.3%	11.1%	55.6%	66.7%	100.0%	33.3%	33.3%	22.2%	0.0%	88.9%	0.0%	11.1%	11.1%
24431-Philologist, Translator or Interpreter	Total	0														
	NZWS	0														
	Maori NZWS	0														
24441-Psychologist	Total	10	50.0%	40.0%	10.0%	50.0%	20.0%	80.0%	10.0%	20.0%	10.0%	20.0%	100.0%	0.0%	20.0%	10.0%
	NZWS	8	50.0%	50.0%	0.0%	50.0%	25.0%	75.0%	12.5%	25.0%	12.5%	12.5%	100.0%	0.0%	12.5%	12.5%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24442-Psychotherapist	Total	4	50.0%	25.0%	25.0%	25.0%	0.0%	75.0%	25.0%	25.0%	25.0%	25.0%	100.0%	0.0%	25.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24451-Counsellor	Total	11	36.4%	9.1%	0.0%	45.5%	18.2%	72.7%	18.2%	9.1%	18.2%	0.0%	100.0%	0.0%	18.2%	9.1%
	NZWS	7	14.3%	0.0%	0.0%	14.3%	14.3%	57.1%	28.6%	0.0%	14.3%	0.0%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	4	75.0%	25.0%	0.0%	100.0%	25.0%	100.0%	0.0%	25.0%	25.0%	0.0%	100.0%	0.0%	50.0%	25.0%
24461-Diplomatic Official	Total	0														
	NZWS	0														
	Maori NZWS	0														
24511-Minister of Religion	Total	6	50.0%	33.3%	16.7%	66.7%	50.0%	100.0%	33.3%	16.7%	33.3%	16.7%	83.3%	0.0%	66.7%	33.3%
	NZWS	5	40.0%	20.0%	0.0%	60.0%	40.0%	100.0%	20.0%	0.0%	20.0%	0.0%	100.0%	0.0%	60.0%	20.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31111-Physical Science Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
31121-Quantity Surveyor	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

31122-Surveyor's Technician	Total	0															
	NZWS	0															
	Maori NZWS	0															
31123-Clerk of Works	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
31124-Other Civil Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
31131-Electrical Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
31141-Telecommunications Technician	Total	4	75.0%	50.0%	75.0%	50.0%	50.0%	75.0%	50.0%	50.0%	50.0%	0.0%	100.0%	25.0%	75.0%	75.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31142-Computer Systems Technician	Total	13	38.5%	46.2%	61.5%	69.2%	38.5%	69.2%	46.2%	30.8%	38.5%	61.5%	92.3%	7.7%	15.4%	15.4%	
	NZWS	8	37.5%	25.0%	62.5%	50.0%	37.5%	75.0%	37.5%	12.5%	12.5%	50.0%	87.5%	0.0%	25.0%	12.5%	
	Maori NZWS	5	40.0%	80.0%	60.0%	100.0%	40.0%	60.0%	60.0%	60.0%	80.0%	80.0%	100.0%	20.0%	0.0%	20.0%	
31143-Other Electronics Engineering Technician	Total	5	60.0%	40.0%	60.0%	80.0%	40.0%	100.0%	40.0%	40.0%	60.0%	20.0%	80.0%	0.0%	60.0%	60.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31144-Avionics Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
31151-Mechanical Engineering Technician	Total	4	75.0%	25.0%	75.0%	50.0%	50.0%	100.0%	0.0%	33.3%	0.0%	50.0%	50.0%	50.0%	50.0%	50.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31161-Chemical Engineering Technician	Total	5	60.0%	20.0%	60.0%	100.0%	60.0%	100.0%	60.0%	20.0%	20.0%	20.0%	60.0%	20.0%	20.0%	80.0%	
	NZWS	4	75.0%	25.0%	50.0%	100.0%	50.0%	100.0%	75.0%	25.0%	25.0%	25.0%	75.0%	25.0%	25.0%	75.0%	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31181-Draughting Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
31191-Other Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31192-Non Destructive Testing Technician	Total	0															
	NZWS	0															
	Maori NZWS	0															
31211-Computer Programmer	Total	6	50.0%	16.7%	16.7%	66.7%	33.3%	100.0%	33.3%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
	NZWS	6	50.0%	16.7%	16.7%	66.7%	33.3%	100.0%	33.3%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	
	Maori NZWS	0															

31212-Computer Operator	Total	6	66.7%	66.7%	0.0%	66.7%	66.7%	100.0%	66.7%	0.0%	16.7%	0.0%	100.0%	0.0%	0.0%	16.7%
	NZWS	4	100.0%	100.0%	0.0%	75.0%	75.0%	100.0%	75.0%	0.0%	25.0%	0.0%	100.0%	0.0%	0.0%	25.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31213-Computer Support Technician	Total	7	42.9%	42.9%	28.6%	57.1%	42.9%	85.7%	42.9%	14.3%	14.3%	28.6%	100.0%	14.3%	14.3%	0.0%
	NZWS	5	40.0%	40.0%	40.0%	40.0%	20.0%	80.0%	20.0%	0.0%	0.0%	20.0%	100.0%	20.0%	20.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31311-Photographer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
31312-Camera Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
31313-Sound Recording Equipment Controller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
31321-Broadcasting Transmitting and Studio Equipment Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
31322-Radio Operator	Total	4	75.0%	25.0%	25.0%	100.0%	100.0%	100.0%	50.0%	50.0%	75.0%	0.0%	100.0%	0.0%	25.0%	50.0%
	NZWS	0														
	Maori NZWS	4	75.0%	25.0%	25.0%	100.0%	100.0%	100.0%	50.0%	50.0%	75.0%	0.0%	100.0%	0.0%	25.0%	50.0%
31323-Cinema Projectionist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31331-Medical Radiation Technologist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
31332-Other Medical Equipment Controller	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31333-Sonographer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31411-Ships' Engineer	Total	5	60.0%	40.0%	0.0%	40.0%	0.0%	50.0%	20.0%	20.0%	20.0%	40.0%	60.0%	0.0%	60.0%	40.0%
	NZWS	4	75.0%	50.0%	0.0%	50.0%	0.0%	66.7%	0.0%	25.0%	25.0%	25.0%	50.0%	0.0%	50.0%	50.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31421-Ships' Officer (Deck) Including Master	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31422-Launch Master	Total	0														
	NZWS	0														
	Maori NZWS	0														

31423-Other Ships' Deck Officer and Pilot	Total	0															
	NZWS	0															
	Maori NZWS	0															
31431-Aircraft Pilot and Flight Crew	Total	4	50.0%	25.0%	25.0%	75.0%	50.0%	75.0%	100.0%	25.0%	25.0%	0.0%	100.0%	25.0%	25.0%	50.0%	
	NZWS	4	50.0%	25.0%	25.0%	75.0%	50.0%	75.0%	100.0%	25.0%	25.0%	0.0%	100.0%	25.0%	25.0%	50.0%	
	Maori NZWS	0															
31433-Flying Instructor	Total	0															
	NZWS	0															
	Maori NZWS	0															
31434-Helicopter Pilot	Total	0															
	NZWS	0															
	Maori NZWS	0															
31441-Air Traffic Controller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31511-Safety Inspector	Total	14	57.1%	35.7%	21.4%	71.4%	38.5%	85.7%	28.6%	15.4%	23.1%	14.3%	92.9%	7.1%	64.3%	28.6%	
	NZWS	9	55.6%	11.1%	0.0%	55.6%	25.0%	77.8%	22.2%	0.0%	11.1%	0.0%	88.9%	0.0%	55.6%	0.0%	
	Maori NZWS	5	60.0%	80.0%	60.0%	100.0%	60.0%	100.0%	40.0%	50.0%	50.0%	40.0%	100.0%	20.0%	80.0%	80.0%	
31512-Meat Inspector	Total	5	75.0%	20.0%	60.0%	80.0%	80.0%	100.0%	60.0%	100.0%	60.0%	80.0%	0.0%	0.0%	20.0%	100.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31513-Noxious Weeds/Pest Inspector	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31514-Health Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31515-Agricultural Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
31516-Quality Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
32111-Life Science Technician	Total	10	70.0%	70.0%	60.0%	100.0%	70.0%	80.0%	60.0%	30.0%	20.0%	60.0%	80.0%	10.0%	10.0%	40.0%	
	NZWS	5	80.0%	100.0%	60.0%	100.0%	60.0%	80.0%	60.0%	40.0%	20.0%	60.0%	80.0%	0.0%	20.0%	20.0%	
	Maori NZWS	5	60.0%	40.0%	60.0%	100.0%	80.0%	80.0%	60.0%	20.0%	20.0%	60.0%	80.0%	20.0%	0.0%	60.0%	
32112-Medical Laboratory Technician	Total	9	44.4%	22.2%	22.2%	100.0%	44.4%	77.8%	55.6%	11.1%	22.2%	44.4%	55.6%	0.0%	0.0%	0.0%	
	NZWS	6	50.0%	33.3%	33.3%	100.0%	50.0%	83.3%	50.0%	16.7%	16.7%	33.3%	66.7%	0.0%	0.0%	0.0%	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32121-Agricultural Technician	Total	4	75.0%	50.0%	50.0%	100.0%	66.7%	75.0%	50.0%	50.0%	50.0%	75.0%	50.0%	50.0%	75.0%	50.0%	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

32122-Forest Technician	Total	0															
	NZWS	0															
	Maori NZWS	0															
32211-Dispensing Optician	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32221-Dental Therapist	Total	5	60.0%	80.0%	0.0%	80.0%	100.0%	60.0%	20.0%	0.0%	20.0%	20.0%	80.0%	60.0%	0.0%	60.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32231-Physiotherapist	Total	11	81.8%	54.5%	63.6%	45.5%	18.2%	63.6%	0.0%	9.1%	45.5%	18.2%	27.3%	0.0%	18.2%	0.0%	
	NZWS	8	87.5%	50.0%	50.0%	37.5%	12.5%	50.0%	0.0%	12.5%	50.0%	25.0%	25.0%	0.0%	12.5%	0.0%	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32232-Occupational Therapist	Total	11	72.7%	36.4%	54.5%	72.7%	36.4%	63.6%	36.4%	18.2%	27.3%	27.3%	81.8%	9.1%	27.3%	18.2%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	8	62.5%	37.5%	37.5%	62.5%	25.0%	50.0%	25.0%	12.5%	12.5%	12.5%	87.5%	12.5%	25.0%	12.5%	
32233-Osteopath	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
32234-Orthotist and/or Prosthetist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32235-Podiatrist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
32236-Chiropractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
32241-Veterinary Assistant	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32251-Hospital Dispensary Assistant	Total	0															
	NZWS	0															
	Maori NZWS	0															
32252-Retail Dispensary Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
32261-Other Health Associate Professional	Total	12	50.0%	25.0%	33.3%	72.7%	41.7%	50.0%	25.0%	16.7%	16.7%	25.0%	66.7%	0.0%	8.3%	0.0%	
	NZWS	8	62.5%	25.0%	37.5%	71.4%	37.5%	37.5%	25.0%	12.5%	25.0%	37.5%	50.0%	0.0%	0.0%	0.0%	
	Maori NZWS	4	25.0%	25.0%	25.0%	75.0%	50.0%	75.0%	25.0%	25.0%	0.0%	0.0%	100.0%	0.0%	25.0%	0.0%	
32262-Dental Technician	Total	0															
	NZWS	0															
	Maori NZWS	0															

32311-Enrolled Nurse	Total	5	25.0%	60.0%	80.0%	80.0%	40.0%	100.0%	0.0%	0.0%	80.0%	40.0%	20.0%	0.0%	0.0%	20.0%
	NZWS	4	33.3%	50.0%	75.0%	75.0%	50.0%	100.0%	0.0%	0.0%	75.0%	50.0%	25.0%	0.0%	0.0%	25.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32312-Karitane Nurse	Total	0														
	NZWS	0														
	Maori NZWS	0														
33111-Financial Dealer and Broker	Total	4	50.0%	50.0%	0.0%	50.0%	75.0%	75.0%	50.0%	25.0%	50.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	NZWS	4	50.0%	50.0%	0.0%	50.0%	75.0%	75.0%	50.0%	25.0%	50.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	0														
33121-Insurance Representative	Total	15	46.7%	26.7%	6.7%	60.0%	42.9%	80.0%	33.3%	6.7%	6.7%	0.0%	93.3%	0.0%	13.3%	13.3%
	NZWS	11	36.4%	27.3%	0.0%	54.5%	30.0%	72.7%	27.3%	0.0%	9.1%	0.0%	90.9%	0.0%	9.1%	18.2%
	Maori NZWS	4	75.0%	25.0%	25.0%	75.0%	75.0%	100.0%	50.0%	25.0%	0.0%	0.0%	100.0%	0.0%	25.0%	0.0%
33131-Real Estate Agent/Property Consultant	Total	29	20.7%	20.7%	10.3%	41.4%	34.5%	67.9%	24.1%	10.3%	20.7%	10.3%	89.7%	3.4%	51.7%	10.3%
	NZWS	21	23.8%	14.3%	0.0%	28.6%	28.6%	55.0%	23.8%	0.0%	14.3%	14.3%	85.7%	0.0%	38.1%	0.0%
	Maori NZWS	8	12.5%	37.5%	37.5%	75.0%	50.0%	100.0%	25.0%	37.5%	37.5%	0.0%	100.0%	12.5%	87.5%	37.5%
33132-Property Developer	Total	6	66.7%	33.3%	50.0%	66.7%	66.7%	66.7%	50.0%	33.3%	16.7%	0.0%	66.7%	33.3%	66.7%	50.0%
	NZWS	4	75.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	25.0%	0.0%	0.0%	50.0%	25.0%	75.0%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33141-Travel Consultant	Total	13	38.5%	30.8%	15.4%	61.5%	61.5%	92.3%	53.8%	15.4%	30.8%	23.1%	92.3%	7.7%	7.7%	23.1%
	NZWS	8	25.0%	25.0%	12.5%	75.0%	62.5%	87.5%	62.5%	12.5%	25.0%	12.5%	87.5%	0.0%	0.0%	12.5%
	Maori NZWS	5	60.0%	40.0%	20.0%	40.0%	60.0%	100.0%	40.0%	20.0%	40.0%	40.0%	100.0%	20.0%	20.0%	40.0%
33151-Business Services Representative	Total	4	50.0%	25.0%	25.0%	75.0%	25.0%	75.0%	100.0%	25.0%	25.0%	50.0%	100.0%	25.0%	25.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33152-Technical Representative	Total	46	52.2%	43.5%	32.6%	84.8%	65.2%	80.4%	50.0%	15.6%	26.1%	26.7%	73.9%	6.5%	13.0%	19.6%
	NZWS	32	53.1%	43.8%	31.3%	81.3%	65.6%	84.4%	50.0%	9.7%	25.0%	25.0%	75.0%	3.1%	12.5%	15.6%
	Maori NZWS	14	50.0%	42.9%	35.7%	92.9%	64.3%	71.4%	50.0%	28.6%	28.6%	30.8%	71.4%	14.3%	14.3%	28.6%
33153-Sales Representative	Total	68	55.2%	23.9%	43.3%	70.1%	43.3%	75.8%	44.8%	26.9%	26.9%	19.4%	82.1%	4.5%	29.9%	20.9%
	NZWS	50	51.0%	22.4%	36.7%	63.3%	36.7%	70.8%	38.8%	18.4%	24.5%	18.4%	81.6%	2.0%	24.5%	20.4%
	Maori NZWS	18	66.7%	27.8%	61.1%	88.9%	61.1%	88.9%	61.1%	50.0%	33.3%	22.2%	83.3%	11.1%	44.4%	22.2%
33161-Wholesale and/or Retail Buyer	Total	5	60.0%	40.0%	40.0%	80.0%	60.0%	40.0%	100.0%	20.0%	40.0%	40.0%	40.0%	0.0%	20.0%	0.0%
	NZWS	5	60.0%	40.0%	40.0%	80.0%	60.0%	40.0%	100.0%	20.0%	40.0%	40.0%	40.0%	0.0%	20.0%	0.0%
	Maori NZWS	0														
33162-Livestock Buyer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33163-Purchasing Agent	Total	12	41.7%	33.3%	50.0%	66.7%	50.0%	83.3%	50.0%	27.3%	36.4%	16.7%	91.7%	25.0%	9.1%	25.0%
	NZWS	6	16.7%	16.7%	50.0%	83.3%	50.0%	83.3%	16.7%	20.0%	20.0%	33.3%	83.3%	0.0%	0.0%	0.0%
	Maori NZWS	6	66.7%	50.0%	50.0%	50.0%	50.0%	83.3%	83.3%	33.3%	50.0%	0.0%	100.0%	50.0%	16.7%	50.0%
33164-Wool Buyer/Merchant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

33171-Valuer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33181-Auctioneer	Total	0														
	NZWS	0														
	Maori NZWS	0														
33191-Stock and Station Agent	Total	0														
	NZWS	0														
	Maori NZWS	0														
33211-Administration Officer	Total	52	40.4%	28.8%	32.7%	72.5%	52.0%	78.8%	50.0%	21.2%	34.6%	17.3%	94.2%	1.9%	25.0%	15.4%
	NZWS	29	31.0%	20.7%	27.6%	75.0%	50.0%	79.3%	58.6%	24.1%	27.6%	17.2%	100.0%	0.0%	10.3%	10.3%
	Maori NZWS	23	52.2%	39.1%	39.1%	69.6%	54.5%	78.3%	39.1%	17.4%	43.5%	17.4%	87.0%	4.3%	43.5%	21.7%
33212-Conference/Function Organiser	Total	5	60.0%	40.0%	60.0%	80.0%	60.0%	80.0%	40.0%	60.0%	60.0%	40.0%	60.0%	0.0%	20.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33221-Legal Executive	Total	5	40.0%	20.0%	20.0%	60.0%	20.0%	80.0%	60.0%	40.0%	20.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	NZWS	4	25.0%	0.0%	25.0%	75.0%	0.0%	75.0%	50.0%	25.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33222-Legal Clerk	Total	12	75.0%	33.3%	50.0%	91.7%	75.0%	91.7%	41.7%	16.7%	25.0%	25.0%	100.0%	0.0%	8.3%	8.3%
	NZWS	5	80.0%	40.0%	40.0%	80.0%	40.0%	100.0%	60.0%	20.0%	40.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Maori NZWS	7	71.4%	28.6%	57.1%	100.0%	100.0%	85.7%	28.6%	14.3%	14.3%	42.9%	100.0%	0.0%	14.3%	14.3%
33231-Bookkeeper	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33241-Organisation and Methods Analyst	Total	4	75.0%	25.0%	75.0%	25.0%	25.0%	100.0%	50.0%	25.0%	25.0%	0.0%	100.0%	25.0%	50.0%	25.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33242-Building Control/Consents Officer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33311-Customs Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33312-Quarantine and Agriculture Ports Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33313-Immigration Officer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33411-Social Worker	Total	89	60.2%	31.5%	32.6%	65.2%	48.3%	70.5%	35.2%	16.9%	23.9%	14.8%	79.8%	3.4%	53.9%	29.2%
	NZWS	36	60.0%	33.3%	27.8%	58.3%	41.7%	65.7%	36.1%	11.1%	14.3%	16.7%	83.3%	0.0%	47.2%	25.0%
	Maori NZWS	53	60.4%	30.2%	35.8%	69.8%	52.8%	73.6%	34.6%	20.8%	30.2%	13.5%	77.4%	5.7%	58.5%	32.1%

33412-Probation Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33413-Case Worker	Total	18	55.6%	44.4%	11.1%	88.9%	77.8%	88.9%	22.2%	11.1%	16.7%	5.6%	94.4%	0.0%	27.8%	5.6%
	NZWS	8	37.5%	50.0%	0.0%	75.0%	62.5%	75.0%	25.0%	25.0%	12.5%	12.5%	87.5%	0.0%	25.0%	0.0%
	Maori NZWS	10	70.0%	40.0%	20.0%	100.0%	90.0%	100.0%	20.0%	0.0%	20.0%	0.0%	100.0%	0.0%	30.0%	10.0%
33421-Employment Programme Teaching Associate Professional	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33422-Teacher Aide	Total	55	49.1%	25.9%	36.4%	58.2%	18.2%	40.0%	16.7%	10.9%	16.4%	20.0%	74.5%	1.8%	54.5%	21.8%
	NZWS	24	45.8%	29.2%	33.3%	62.5%	16.7%	45.8%	16.7%	12.5%	12.5%	29.2%	79.2%	4.2%	50.0%	16.7%
	Maori NZWS	31	51.6%	23.3%	38.7%	54.8%	19.4%	35.5%	16.7%	9.7%	19.4%	12.9%	71.0%	0.0%	58.1%	25.8%
33511-Careers, Transition, Employment Adviser	Total	7	57.1%	14.3%	42.9%	71.4%	28.6%	71.4%	28.6%	42.9%	42.9%	0.0%	57.1%	0.0%	28.6%	28.6%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	60.0%	20.0%	60.0%	80.0%	40.0%	80.0%	40.0%	60.0%	60.0%	0.0%	40.0%	0.0%	40.0%	40.0%
33611-Author and Critic	Total	5	60.0%	40.0%	0.0%	100.0%	0.0%	40.0%	20.0%	40.0%	20.0%	0.0%	100.0%	0.0%	20.0%	0.0%
	NZWS	4	75.0%	50.0%	0.0%	100.0%	0.0%	25.0%	25.0%	50.0%	25.0%	0.0%	100.0%	0.0%	25.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33612-Reporter	Total	6	66.7%	33.3%	16.7%	66.7%	33.3%	83.3%	66.7%	33.3%	50.0%	16.7%	100.0%	0.0%	66.7%	33.3%
	NZWS	5	60.0%	20.0%	0.0%	60.0%	20.0%	80.0%	60.0%	40.0%	60.0%	0.0%	100.0%	0.0%	60.0%	20.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33613-Editor	Total	4	75.0%	50.0%	25.0%	75.0%	75.0%	50.0%	50.0%	50.0%	0.0%	0.0%	100.0%	0.0%	25.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33614-Sub-Editor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33615-Copywriter	Total	0														
	NZWS	0														
	Maori NZWS	0														
33621-Sculptor, Painter and Related Artist	Total	11	81.8%	45.5%	54.5%	72.7%	36.4%	72.7%	27.3%	36.4%	0.0%	63.6%	45.5%	27.3%	27.3%	36.4%
	NZWS	7	100.0%	42.9%	71.4%	71.4%	42.9%	85.7%	14.3%	42.9%	0.0%	85.7%	28.6%	14.3%	14.3%	14.3%
	Maori NZWS	4	50.0%	50.0%	25.0%	75.0%	25.0%	50.0%	50.0%	25.0%	0.0%	25.0%	75.0%	50.0%	50.0%	75.0%
33631-Graphic Designer	Total	13	61.5%	46.2%	7.7%	69.2%	76.9%	92.3%	38.5%	15.4%	23.1%	15.4%	100.0%	0.0%	15.4%	0.0%
	NZWS	8	62.5%	62.5%	12.5%	87.5%	75.0%	87.5%	37.5%	25.0%	25.0%	25.0%	100.0%	0.0%	12.5%	0.0%
	Maori NZWS	5	60.0%	20.0%	0.0%	40.0%	80.0%	100.0%	40.0%	0.0%	20.0%	0.0%	100.0%	0.0%	20.0%	0.0%
33632-Fashion Designer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33633-Display and Window Dresser	Total	0														
	NZWS	0														
	Maori NZWS	0														

33634-Industrial Designer	Total	4	50.0%	25.0%	50.0%	75.0%	25.0%	75.0%	25.0%	25.0%	0.0%	75.0%	100.0%	25.0%	0.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33635-Paste Up Artist	Total	0														
	NZWS	0														
	Maori NZWS	0														
33636-Interior Designer	Total	4	75.0%	75.0%	25.0%	50.0%	25.0%	100.0%	25.0%	25.0%	25.0%	0.0%	75.0%	25.0%	75.0%	50.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33641-Composer, Arranger and/or Conductor	Total	0														
	NZWS	0														
	Maori NZWS	0														
33642-Instrumentalist	Total	4	100.0%	75.0%	50.0%	100.0%	50.0%	75.0%	0.0%	0.0%	25.0%	25.0%	100.0%	0.0%	25.0%	100.0%
	NZWS	4	100.0%	75.0%	50.0%	100.0%	50.0%	75.0%	0.0%	0.0%	25.0%	25.0%	100.0%	0.0%	25.0%	100.0%
	Maori NZWS	0														
33643-Singer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33644-Singing and Music Teacher	Total	5	60.0%	60.0%	20.0%	40.0%	40.0%	80.0%	40.0%	40.0%	20.0%	20.0%	100.0%	0.0%	0.0%	40.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33651-Dancer	Total	0														
	NZWS	0														
	Maori NZWS	0														
33652-Dancing Teacher and/or Choreographer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33661-Actor	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33662-Artistic Director	Total	6	83.3%	50.0%	33.3%	50.0%	66.7%	100.0%	33.3%	50.0%	33.3%	0.0%	100.0%	16.7%	33.3%	16.7%
	NZWS	4	75.0%	50.0%	25.0%	75.0%	75.0%	100.0%	25.0%	50.0%	25.0%	0.0%	100.0%	0.0%	25.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33671-Radio and Television Presenter	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33681-Clown, Magician, Acrobat and Related Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
33691-Professional Sports person	Total	0														
	NZWS	0														
	Maori NZWS	0														

33692-Sports Coach or Trainer	Total	20	75.0%	55.0%	55.0%	85.0%	50.0%	70.0%	30.0%	45.0%	50.0%	35.0%	25.0%	0.0%	15.0%	45.0%
	NZWS	13	76.9%	61.5%	61.5%	92.3%	53.8%	61.5%	46.2%	38.5%	38.5%	30.8%	15.4%	0.0%	15.4%	38.5%
	Maori NZWS	7	71.4%	42.9%	42.9%	71.4%	42.9%	85.7%	0.0%	57.1%	71.4%	42.9%	42.9%	0.0%	14.3%	57.1%
33693-Sports Official	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33711-Non-Ordained Religious Assistant	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
33811-Acclimatisation Field Officer	Total	0														
	NZWS	0														
	Maori NZWS	0														
33812-National Park Ranger	Total	6	83.3%	66.7%	83.3%	50.0%	33.3%	66.7%	33.3%	83.3%	50.0%	0.0%	33.3%	66.7%	100.0%	33.3%
	NZWS	4	100.0%	75.0%	100.0%	50.0%	50.0%	75.0%	25.0%	100.0%	50.0%	0.0%	25.0%	75.0%	100.0%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41111-Typist and Word Processor Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41121-Data Entry Operator	Total	13	46.2%	46.2%	7.7%	100.0%	69.2%	69.2%	38.5%	23.1%	30.8%	7.7%	100.0%	0.0%	0.0%	7.7%
	NZWS	10	40.0%	40.0%	10.0%	100.0%	60.0%	60.0%	40.0%	10.0%	20.0%	10.0%	100.0%	0.0%	0.0%	10.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41141-Secretary	Total	69	59.4%	39.1%	17.4%	88.2%	66.7%	82.6%	55.9%	7.2%	27.9%	14.5%	95.7%	2.9%	11.8%	11.8%
	NZWS	54	61.1%	35.2%	14.8%	88.9%	66.7%	81.5%	55.6%	7.4%	20.4%	11.1%	94.4%	1.9%	7.5%	5.7%
	Maori NZWS	15	53.3%	53.3%	26.7%	85.7%	66.7%	86.7%	57.1%	6.7%	57.1%	26.7%	100.0%	6.7%	26.7%	33.3%
41211-Accounts Clerk	Total	36	44.4%	25.0%	16.7%	86.1%	61.1%	72.2%	69.4%	5.6%	16.7%	2.8%	91.7%	2.8%	8.3%	8.3%
	NZWS	28	42.9%	21.4%	10.7%	85.7%	60.7%	71.4%	64.3%	0.0%	14.3%	3.6%	89.3%	3.6%	10.7%	3.6%
	Maori NZWS	8	50.0%	37.5%	37.5%	87.5%	62.5%	75.0%	87.5%	25.0%	25.0%	0.0%	100.0%	0.0%	0.0%	25.0%
41212-Audit Clerk	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
41213-Costing Clerk	Total	6	66.7%	33.3%	0.0%	66.7%	33.3%	100.0%	83.3%	50.0%	50.0%	0.0%	100.0%	0.0%	33.3%	16.7%
	NZWS	5	80.0%	40.0%	0.0%	60.0%	20.0%	100.0%	100.0%	60.0%	60.0%	0.0%	100.0%	0.0%	40.0%	20.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41221-Finance Clerk	Total	6	0.0%	16.7%	16.7%	50.0%	33.3%	100.0%	16.7%	16.7%	16.7%	0.0%	100.0%	16.7%	33.3%	16.7%
	NZWS	5	0.0%	20.0%	20.0%	60.0%	40.0%	100.0%	20.0%	20.0%	20.0%	0.0%	100.0%	0.0%	20.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41222-Statistical Clerk	Total	0														
	NZWS	0														
	Maori NZWS	0														
41223-Survey Interviewer	Total	5	20.0%	0.0%	0.0%	80.0%	0.0%	20.0%	80.0%	20.0%	40.0%	40.0%	80.0%	0.0%	40.0%	0.0%
	NZWS	5	20.0%	0.0%	0.0%	80.0%	0.0%	20.0%	80.0%	20.0%	40.0%	40.0%	80.0%	0.0%	40.0%	0.0%
	Maori NZWS	0														

41311-Stock Clerk	Total	33	57.6%	57.6%	69.7%	84.8%	60.6%	71.9%	54.5%	51.5%	42.4%	42.4%	51.5%	18.2%	54.5%	48.5%
	NZWS	16	50.0%	50.0%	68.8%	87.5%	62.5%	60.0%	56.3%	43.8%	25.0%	43.8%	50.0%	6.3%	43.8%	31.3%
	Maori NZWS	17	64.7%	64.7%	70.6%	82.4%	58.8%	82.4%	52.9%	58.8%	58.8%	41.2%	52.9%	29.4%	64.7%	64.7%
41312-Dispatch and Receiving Clerk	Total	16	62.5%	50.0%	62.5%	87.5%	75.0%	93.8%	37.5%	43.8%	50.0%	37.5%	68.8%	6.3%	18.8%	50.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	13	61.5%	53.8%	69.2%	84.6%	69.2%	92.3%	38.5%	38.5%	53.8%	30.8%	76.9%	0.0%	23.1%	46.2%
41313-Weighing and Tally Clerk	Total	0														
	NZWS	0														
	Maori NZWS	0														
41321-Material and Production Planning Clerk	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
41331-Transport Clerk	Total	6	50.0%	33.3%	16.7%	66.7%	83.3%	83.3%	33.3%	16.7%	33.3%	33.3%	83.3%	0.0%	16.7%	50.0%
	NZWS	4	50.0%	25.0%	0.0%	50.0%	75.0%	75.0%	25.0%	0.0%	25.0%	25.0%	100.0%	0.0%	0.0%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41411-Library Assistant	Total	5	20.0%	20.0%	40.0%	100.0%	40.0%	60.0%	40.0%	0.0%	20.0%	40.0%	80.0%	0.0%	0.0%	0.0%
	NZWS	5	20.0%	20.0%	40.0%	100.0%	40.0%	60.0%	40.0%	0.0%	20.0%	40.0%	80.0%	0.0%	0.0%	0.0%
	Maori NZWS	0														
41412-Record and Filing Clerk	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41421-Mail Sorting Clerk	Total	8	100.0%	75.0%	75.0%	100.0%	87.5%	100.0%	37.5%	50.0%	62.5%	62.5%	75.0%	12.5%	0.0%	50.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	100.0%	83.3%	83.3%	100.0%	83.3%	100.0%	33.3%	50.0%	66.7%	66.7%	83.3%	16.7%	0.0%	50.0%
41422-Mail Clerk	Total	5	40.0%	40.0%	80.0%	100.0%	80.0%	80.0%	40.0%	0.0%	20.0%	80.0%	40.0%	0.0%	0.0%	80.0%
	NZWS	4	50.0%	50.0%	100.0%	100.0%	75.0%	75.0%	50.0%	0.0%	25.0%	75.0%	25.0%	0.0%	0.0%	75.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41423-Postal Deliverer	Total	18	72.2%	77.8%	66.7%	100.0%	83.3%	61.1%	50.0%	82.4%	82.4%	33.3%	66.7%	16.7%	94.4%	55.6%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	15	66.7%	80.0%	73.3%	100.0%	86.7%	66.7%	40.0%	86.7%	80.0%	40.0%	66.7%	20.0%	93.3%	60.0%
41424-Mail Delivery Contractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
41432-Proof Reader	Total	0														
	NZWS	0														
	Maori NZWS	0														
41443-General Clerk	Total	170	48.2%	31.8%	25.3%	77.1%	51.2%	74.1%	48.2%	12.4%	23.1%	14.7%	94.7%	2.9%	12.9%	15.3%
	NZWS	102	48.0%	29.4%	25.5%	72.5%	49.0%	67.6%	47.1%	8.8%	16.7%	13.7%	95.1%	4.9%	11.8%	12.7%
	Maori NZWS	68	48.5%	35.3%	25.0%	83.8%	54.4%	83.8%	50.0%	17.9%	32.8%	16.2%	94.0%	0.0%	14.7%	19.1%
41444-Office Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

41445-Human Resources Clerk	Total	7	57.1%	42.9%	42.9%	85.7%	57.1%	100.0%	100.0%	28.6%	42.9%	28.6%	100.0%	0.0%	0.0%	42.9%
	NZWS	4	50.0%	25.0%	25.0%	75.0%	50.0%	100.0%	100.0%	25.0%	25.0%	0.0%	100.0%	0.0%	0.0%	50.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42111-Cashier	Total	7	71.4%	71.4%	57.1%	85.7%	85.7%	71.4%	57.1%	0.0%	14.3%	85.7%	42.9%	14.3%	0.0%	14.3%
	NZWS	7	71.4%	71.4%	57.1%	85.7%	85.7%	71.4%	57.1%	0.0%	14.3%	85.7%	42.9%	14.3%	0.0%	14.3%
	Maori NZWS	0														
42112-Checkout Operator	Total	16	93.8%	68.8%	81.3%	93.8%	93.3%	87.5%	75.0%	25.0%	25.0%	68.8%	18.8%	0.0%	18.8%	31.3%
	NZWS	5	80.0%	60.0%	80.0%	100.0%	100.0%	80.0%	80.0%	0.0%	0.0%	60.0%	40.0%	0.0%	20.0%	0.0%
	Maori NZWS	11	100.0%	72.7%	81.8%	90.9%	90.9%	90.9%	72.7%	36.4%	36.4%	72.7%	9.1%	0.0%	18.2%	45.5%
42113-Ticket-Seller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
42121-Bank Officer	Total	45	40.0%	31.1%	15.6%	72.7%	73.3%	82.2%	40.9%	17.8%	28.9%	42.2%	80.0%	0.0%	0.0%	13.3%
	NZWS	29	41.4%	31.0%	13.8%	75.0%	69.0%	72.4%	39.3%	20.7%	31.0%	44.8%	75.9%	0.0%	0.0%	17.2%
	Maori NZWS	16	37.5%	31.3%	18.8%	68.8%	81.3%	100.0%	43.8%	12.5%	25.0%	37.5%	87.5%	0.0%	0.0%	6.3%
42131-Gaming Dealer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
42151-Bill and Debt Collector	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42211-Hotel and/or Motel Receptionist	Total	0														
	NZWS	0														
	Maori NZWS	0														
42212-Patient Receptionist	Total	9	55.6%	55.6%	0.0%	66.7%	55.6%	66.7%	33.3%	0.0%	11.1%	11.1%	88.9%	0.0%	0.0%	22.2%
	NZWS	8	50.0%	50.0%	0.0%	62.5%	62.5%	62.5%	37.5%	0.0%	0.0%	12.5%	87.5%	0.0%	0.0%	25.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42213-Information Clerk and Other Receptionist	Total	48	58.3%	43.8%	18.8%	87.2%	68.1%	77.1%	39.6%	18.8%	10.4%	29.2%	97.9%	0.0%	10.6%	14.9%
	NZWS	32	56.3%	43.8%	15.6%	87.1%	54.8%	65.6%	34.4%	21.9%	9.4%	34.4%	96.9%	0.0%	0.0%	9.7%
	Maori NZWS	16	62.5%	43.8%	25.0%	87.5%	93.8%	100.0%	50.0%	12.5%	12.5%	18.8%	100.0%	0.0%	31.3%	25.0%
42221-Telephone Switchboard Operator	Total	19	52.6%	26.3%	21.1%	94.7%	68.4%	73.7%	73.7%	26.3%	31.6%	5.3%	100.0%	5.3%	5.3%	31.6%
	NZWS	7	57.1%	42.9%	57.1%	85.7%	57.1%	71.4%	71.4%	14.3%	42.9%	14.3%	100.0%	14.3%	0.0%	28.6%
	Maori NZWS	12	50.0%	16.7%	0.0%	100.0%	75.0%	75.0%	75.0%	33.3%	25.0%	0.0%	100.0%	0.0%	8.3%	33.3%
51111-Travel Attendant	Total	6	83.3%	66.7%	83.3%	100.0%	83.3%	83.3%	50.0%	66.7%	66.7%	33.3%	66.7%	16.7%	33.3%	66.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	100.0%	75.0%	100.0%	100.0%	100.0%	75.0%	50.0%	75.0%	75.0%	50.0%	75.0%	25.0%	50.0%	75.0%
51121-Tour and Travel Guide	Total	7	85.7%	57.1%	71.4%	57.1%	71.4%	85.7%	0.0%	57.1%	57.1%	71.4%	85.7%	14.3%	57.1%	28.6%
	NZWS	4	75.0%	25.0%	75.0%	25.0%	75.0%	75.0%	0.0%	50.0%	50.0%	75.0%	75.0%	25.0%	50.0%	25.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51122-Outdoor Recreation Guide	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

51211-Housekeeper (Private Service)	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51212-Housekeeper (Not Private)	Total	16	81.3%	56.3%	68.8%	75.0%	56.3%	62.5%	31.3%	18.8%	25.0%	12.5%	12.5%	6.3%	18.8%	18.8%
	NZWS	9	100.0%	55.6%	77.8%	100.0%	66.7%	77.8%	44.4%	11.1%	11.1%	22.2%	0.0%	11.1%	11.1%	22.2%
	Maori NZWS	7	57.1%	57.1%	57.1%	42.9%	42.9%	42.9%	14.3%	28.6%	42.9%	0.0%	28.6%	0.0%	28.6%	14.3%
51221-Chef	Total	26	76.9%	50.0%	73.1%	92.3%	96.0%	84.6%	38.5%	23.1%	88.5%	73.1%	0.0%	19.2%	11.5%	57.7%
	NZWS	18	77.8%	38.9%	72.2%	88.9%	94.1%	83.3%	33.3%	22.2%	94.4%	61.1%	0.0%	22.2%	11.1%	61.1%
	Maori NZWS	8	75.0%	75.0%	75.0%	100.0%	100.0%	87.5%	50.0%	25.0%	75.0%	100.0%	0.0%	12.5%	12.5%	50.0%
51222-Cook	Total	31	61.3%	54.8%	67.7%	74.2%	67.7%	77.4%	45.2%	23.3%	77.4%	61.3%	9.7%	19.4%	19.4%	41.9%
	NZWS	15	33.3%	26.7%	46.7%	60.0%	66.7%	73.3%	40.0%	14.3%	53.3%	53.3%	6.7%	6.7%	6.7%	33.3%
	Maori NZWS	16	87.5%	81.3%	87.5%	87.5%	68.8%	81.3%	50.0%	31.3%	100.0%	68.8%	12.5%	31.3%	31.3%	50.0%
51231-Bartender	Total	13	76.9%	61.5%	76.9%	92.3%	69.2%	69.2%	69.2%	23.1%	30.8%	69.2%	30.8%	7.7%	7.7%	69.2%
	NZWS	4	75.0%	50.0%	100.0%	100.0%	75.0%	100.0%	75.0%	25.0%	25.0%	100.0%	25.0%	25.0%	25.0%	50.0%
	Maori NZWS	9	77.8%	66.7%	66.7%	88.9%	66.7%	55.6%	66.7%	22.2%	33.3%	55.6%	33.3%	0.0%	0.0%	77.8%
51232-Wine Waiter	Total	0														
	NZWS	0														
	Maori NZWS	0														
51233-Waiter	Total	15	66.7%	73.3%	66.7%	93.3%	86.7%	73.3%	53.3%	6.7%	46.7%	33.3%	0.0%	13.3%	33.3%	13.3%
	NZWS	10	60.0%	60.0%	60.0%	100.0%	90.0%	60.0%	60.0%	10.0%	40.0%	40.0%	0.0%	10.0%	30.0%	10.0%
	Maori NZWS	5	80.0%	100.0%	80.0%	80.0%	80.0%	100.0%	40.0%	0.0%	60.0%	20.0%	0.0%	20.0%	40.0%	20.0%
51234-Catering Counter Assistant	Total	38	67.6%	41.7%	60.5%	86.8%	78.9%	81.1%	42.1%	21.6%	60.5%	39.5%	13.2%	7.9%	7.9%	23.7%
	NZWS	16	56.3%	43.8%	50.0%	87.5%	75.0%	87.5%	31.3%	13.3%	56.3%	43.8%	12.5%	6.3%	6.3%	18.8%
	Maori NZWS	22	76.2%	40.0%	68.2%	86.4%	81.8%	76.2%	50.0%	27.3%	63.6%	36.4%	13.6%	9.1%	9.1%	27.3%
51235-Kitchenhand	Total	23	69.6%	65.2%	73.9%	91.3%	78.3%	82.6%	43.5%	21.7%	60.9%	69.6%	17.4%	31.8%	13.0%	47.8%
	NZWS	14	64.3%	57.1%	78.6%	92.9%	78.6%	85.7%	57.1%	14.3%	57.1%	78.6%	14.3%	28.6%	21.4%	50.0%
	Maori NZWS	9	77.8%	77.8%	66.7%	88.9%	77.8%	77.8%	22.2%	33.3%	66.7%	55.6%	22.2%	37.5%	0.0%	44.4%
51236-Usher and Cloakroom Attendant	Total	0														
	NZWS	0														
	Maori NZWS	0														
51311-Hospital Orderly	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51312-Health Assistant	Total	11	63.6%	27.3%	45.5%	90.9%	54.5%	72.7%	9.1%	18.2%	54.5%	18.2%	27.3%	27.3%	9.1%	9.1%
	NZWS	9	55.6%	22.2%	33.3%	88.9%	44.4%	66.7%	11.1%	22.2%	44.4%	22.2%	22.2%	22.2%	11.1%	11.1%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51313-Ambulance Officer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
51314-Nurse Aide	Total	17	52.9%	52.9%	47.1%	88.2%	64.7%	76.5%	29.4%	0.0%	29.4%	17.6%	64.7%	0.0%	11.8%	23.5%
	NZWS	11	45.5%	45.5%	45.5%	90.9%	63.6%	63.6%	36.4%	0.0%	18.2%	27.3%	63.6%	0.0%	9.1%	36.4%
	Maori NZWS	6	66.7%	66.7%	50.0%	83.3%	66.7%	100.0%	16.7%	0.0%	50.0%	0.0%	66.7%	0.0%	16.7%	0.0%

51316-Care Giver	Total	117	68.1%	51.7%	57.4%	71.8%	49.1%	49.6%	33.9%	17.4%	30.4%	23.5%	43.5%	7.8%	40.0%	20.9%
	NZWS	39	69.2%	38.5%	51.3%	53.8%	43.6%	38.5%	33.3%	7.7%	20.5%	25.6%	41.0%	0.0%	28.2%	17.9%
	Maori NZWS	78	67.5%	58.4%	60.5%	80.8%	51.9%	55.3%	34.2%	22.4%	35.5%	22.4%	44.7%	11.8%	46.1%	22.4%
51411-Hairdresser	Total	17	94.1%	58.8%	5.9%	100.0%	64.7%	88.2%	35.3%	5.9%	29.4%	82.4%	41.2%	58.8%	5.9%	41.2%
	NZWS	12	91.7%	50.0%	0.0%	100.0%	50.0%	83.3%	33.3%	0.0%	8.3%	83.3%	33.3%	66.7%	0.0%	41.7%
	Maori NZWS	5	100.0%	80.0%	20.0%	100.0%	100.0%	100.0%	40.0%	20.0%	80.0%	80.0%	60.0%	40.0%	20.0%	40.0%
51412-Beauty Therapist	Total	9	88.9%	55.6%	33.3%	77.8%	66.7%	100.0%	22.2%	11.1%	22.2%	44.4%	66.7%	0.0%	0.0%	0.0%
	NZWS	4	75.0%	50.0%	50.0%	75.0%	50.0%	100.0%	25.0%	25.0%	0.0%	50.0%	75.0%	0.0%	0.0%	0.0%
	Maori NZWS	5	100.0%	60.0%	20.0%	80.0%	80.0%	100.0%	20.0%	0.0%	40.0%	40.0%	60.0%	0.0%	0.0%	0.0%
51413-Massage Therapist	Total	6	66.7%	50.0%	50.0%	83.3%	33.3%	50.0%	33.3%	16.7%	66.7%	33.3%	50.0%	16.7%	33.3%	16.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	75.0%	50.0%	50.0%	75.0%	50.0%	25.0%	25.0%	25.0%	75.0%	25.0%	50.0%	25.0%	50.0%	25.0%
51414-Weight Loss Consultant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
51421-Child Care Worker	Total	35	57.1%	20.0%	68.6%	82.9%	40.0%	57.1%	28.6%	22.9%	14.3%	17.1%	77.1%	5.7%	82.9%	51.4%
	NZWS	17	52.9%	11.8%	47.1%	82.4%	17.6%	47.1%	23.5%	23.5%	11.8%	11.8%	58.8%	5.9%	70.6%	29.4%
	Maori NZWS	18	61.1%	27.8%	88.9%	83.3%	61.1%	66.7%	33.3%	22.2%	16.7%	22.2%	94.4%	5.6%	94.4%	72.2%
51431-Funeral Director	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51511-Fire Fighter	Total	13	84.6%	69.2%	92.3%	84.6%	92.3%	61.5%	69.2%	61.5%	76.9%	53.8%	76.9%	38.5%	100.0%	84.6%
	NZWS	7	100.0%	85.7%	100.0%	85.7%	85.7%	57.1%	85.7%	100.0%	100.0%	57.1%	71.4%	42.9%	100.0%	100.0%
	Maori NZWS	6	66.7%	50.0%	83.3%	83.3%	100.0%	66.7%	50.0%	16.7%	50.0%	50.0%	83.3%	33.3%	100.0%	66.7%
51521-Detective	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
51522-Police Officer	Total	16	62.5%	25.0%	18.8%	62.5%	50.0%	87.5%	56.3%	25.0%	31.3%	25.0%	87.5%	0.0%	80.0%	25.0%
	NZWS	12	50.0%	16.7%	8.3%	50.0%	50.0%	91.7%	41.7%	8.3%	8.3%	16.7%	83.3%	0.0%	72.7%	16.7%
	Maori NZWS	4	100.0%	50.0%	50.0%	100.0%	50.0%	75.0%	100.0%	75.0%	100.0%	50.0%	100.0%	0.0%	100.0%	50.0%
51531-Prison Officer	Total	12	72.7%	72.7%	54.5%	91.7%	41.7%	66.7%	58.3%	33.3%	50.0%	25.0%	91.7%	0.0%	75.0%	33.3%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	10	77.8%	66.7%	55.6%	90.0%	40.0%	60.0%	50.0%	40.0%	60.0%	20.0%	90.0%	0.0%	70.0%	40.0%
51541-Private Investigator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
51542-Security Officer	Total	25	66.7%	50.0%	29.2%	76.0%	36.0%	60.0%	56.0%	60.0%	64.0%	48.0%	84.0%	16.0%	76.0%	40.0%
	NZWS	6	80.0%	40.0%	40.0%	83.3%	50.0%	83.3%	66.7%	33.3%	50.0%	66.7%	100.0%	0.0%	66.7%	16.7%
	Maori NZWS	19	63.2%	52.6%	26.3%	73.7%	31.6%	52.6%	52.6%	68.4%	68.4%	42.1%	78.9%	21.1%	78.9%	47.4%
51551-Armed Forces	Total	12	91.7%	75.0%	66.7%	83.3%	75.0%	91.7%	41.7%	50.0%	58.3%	58.3%	100.0%	50.0%	83.3%	75.0%
	NZWS	6	83.3%	66.7%	33.3%	66.7%	66.7%	83.3%	50.0%	16.7%	33.3%	50.0%	100.0%	50.0%	66.7%	50.0%
	Maori NZWS	6	100.0%	83.3%	100.0%	100.0%	83.3%	100.0%	33.3%	83.3%	83.3%	66.7%	100.0%	50.0%	100.0%	100.0%

52111-Sales Assistant	Total	168	58.1%	38.7%	61.9%	80.4%	60.7%	59.5%	47.6%	26.9%	29.3%	50.3%	37.5%	1.8%	13.7%	22.0%
	NZWS	115	53.0%	36.5%	53.0%	76.5%	54.8%	52.2%	43.5%	22.8%	19.3%	44.7%	38.3%	0.9%	10.4%	14.8%
	Maori NZWS	53	69.2%	43.4%	81.1%	88.7%	73.6%	75.5%	56.6%	35.8%	50.9%	62.3%	35.8%	3.8%	20.8%	37.7%
52112-Demonstrator	Total	11	72.7%	36.4%	90.9%	81.8%	36.4%	45.5%	36.4%	27.3%	18.2%	36.4%	27.3%	0.0%	18.2%	9.1%
	NZWS	10	70.0%	40.0%	90.0%	80.0%	40.0%	50.0%	40.0%	30.0%	20.0%	40.0%	30.0%	0.0%	20.0%	10.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52113-Forecourt Attendant	Total	12	66.7%	41.7%	66.7%	75.0%	58.3%	50.0%	50.0%	58.3%	58.3%	66.7%	25.0%	0.0%	83.3%	41.7%
	NZWS	5	80.0%	40.0%	60.0%	100.0%	60.0%	20.0%	60.0%	60.0%	60.0%	80.0%	20.0%	0.0%	80.0%	60.0%
	Maori NZWS	7	57.1%	42.9%	71.4%	57.1%	57.1%	71.4%	42.9%	57.1%	57.1%	57.1%	28.6%	0.0%	85.7%	28.6%
52211-Street Vendor and Related Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
52311-Fashion and Other Model	Total	0														
	NZWS	0														
	Maori NZWS	0														
61111-Field Crop Grower and Related Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61112-Market Gardener and Related Worker	Total	6	83.3%	66.7%	66.7%	66.7%	50.0%	83.3%	33.3%	50.0%	50.0%	66.7%	16.7%	0.0%	50.0%	16.7%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61121-Fruit Grower, Worker	Total	27	69.2%	68.0%	48.0%	92.0%	57.7%	60.0%	46.2%	64.0%	62.5%	26.9%	26.9%	12.0%	73.1%	38.5%
	NZWS	11	81.8%	81.8%	63.6%	90.9%	54.5%	54.5%	63.6%	50.0%	50.0%	36.4%	18.2%	9.1%	100.0%	27.3%
	Maori NZWS	16	60.0%	57.1%	35.7%	92.9%	60.0%	64.3%	33.3%	73.3%	71.4%	20.0%	33.3%	14.3%	53.3%	46.7%
61122-Grape Grower and/or Wine Maker, Worker	Total	8	75.0%	75.0%	75.0%	62.5%	50.0%	50.0%	37.5%	37.5%	50.0%	12.5%	50.0%	12.5%	62.5%	50.0%
	NZWS	6	83.3%	83.3%	83.3%	66.7%	50.0%	50.0%	33.3%	33.3%	50.0%	16.7%	50.0%	16.7%	66.7%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61131-Nursery Grower, Nursery Worker	Total	16	80.0%	50.0%	75.0%	93.3%	43.8%	73.3%	50.0%	50.0%	68.8%	50.0%	18.8%	25.0%	73.3%	43.8%
	NZWS	12	81.8%	41.7%	75.0%	90.9%	33.3%	66.7%	41.7%	50.0%	58.3%	50.0%	25.0%	16.7%	81.8%	33.3%
	Maori NZWS	4	75.0%	75.0%	75.0%	100.0%	75.0%	100.0%	75.0%	50.0%	100.0%	50.0%	0.0%	50.0%	50.0%	75.0%
61132-Landscape Gardener	Total	8	75.0%	50.0%	62.5%	62.5%	25.0%	62.5%	25.0%	37.5%	42.9%	0.0%	42.9%	50.0%	87.5%	87.5%
	NZWS	6	83.3%	66.7%	66.7%	50.0%	33.3%	50.0%	33.3%	33.3%	40.0%	0.0%	33.3%	50.0%	83.3%	100.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61133-Grounds or Green Keeper	Total	10	60.0%	70.0%	100.0%	80.0%	50.0%	50.0%	20.0%	70.0%	70.0%	10.0%	40.0%	50.0%	100.0%	77.8%
	NZWS	4	75.0%	75.0%	100.0%	75.0%	25.0%	50.0%	25.0%	75.0%	75.0%	25.0%	50.0%	75.0%	100.0%	100.0%
	Maori NZWS	6	50.0%	66.7%	100.0%	83.3%	66.7%	50.0%	16.7%	66.7%	66.7%	0.0%	33.3%	33.3%	100.0%	60.0%
61134-Gardener	Total	26	76.9%	57.7%	76.9%	96.2%	53.8%	65.4%	48.0%	61.5%	65.4%	19.2%	26.9%	61.5%	100.0%	69.2%
	NZWS	15	86.7%	66.7%	93.3%	93.3%	60.0%	80.0%	64.3%	66.7%	60.0%	26.7%	33.3%	53.3%	100.0%	60.0%
	Maori NZWS	11	63.6%	45.5%	54.5%	100.0%	45.5%	45.5%	27.3%	54.5%	72.7%	9.1%	18.2%	72.7%	100.0%	81.8%
61211-Dairy Farmer, Dairy Farm Worker	Total	63	69.8%	60.3%	65.1%	90.3%	63.5%	61.9%	51.6%	67.7%	61.3%	30.2%	34.9%	23.8%	92.1%	50.8%
	NZWS	46	65.2%	54.3%	60.9%	88.9%	58.7%	54.3%	53.3%	57.8%	48.9%	32.6%	41.3%	21.7%	91.3%	43.5%
	Maori NZWS	17	82.4%	76.5%	76.5%	94.1%	76.5%	82.4%	47.1%	94.1%	94.1%	23.5%	17.6%	29.4%	94.1%	70.6%

61212-Sheep Farmer, Sheep Farm Worker	Total	26	79.2%	48.0%	68.0%	70.8%	40.0%	60.0%	28.0%	50.0%	41.7%	32.0%	44.0%	28.0%	96.2%	56.0%
	NZWS	26	79.2%	48.0%	68.0%	70.8%	40.0%	60.0%	28.0%	50.0%	41.7%	32.0%	44.0%	28.0%	96.2%	56.0%
	Maori NZWS	0														
61213-Cattle Farmer, Cattle Farm Worker	Total	9	44.4%	11.1%	55.6%	44.4%	33.3%	55.6%	11.1%	66.7%	22.2%	11.1%	33.3%	11.1%	100.0%	22.2%
	NZWS	8	37.5%	0.0%	50.0%	37.5%	37.5%	50.0%	0.0%	62.5%	12.5%	12.5%	25.0%	0.0%	100.0%	12.5%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61214-Pig Farmer, Pig Farm Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
61215-Goat Farmer, Goat Farm Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61216-Deer Farmer, Deer Farm Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61217-Stud Race-Horse Breeder, Stud Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
61218-Other Livestock Farmer, Other Livestock Farm Worker	Total	4	33.3%	66.7%	66.7%	100.0%	0.0%	33.3%	0.0%	33.3%	66.7%	66.7%	33.3%	0.0%	100.0%	0.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61221-Mixed Livestock Farmer, Mixed Livestock Farm Worker	Total	17	64.7%	58.8%	70.6%	70.6%	35.3%	58.8%	29.4%	64.7%	52.9%	11.8%	58.8%	23.5%	100.0%	47.1%
	NZWS	7	71.4%	42.9%	57.1%	57.1%	28.6%	57.1%	14.3%	42.9%	14.3%	14.3%	57.1%	14.3%	100.0%	42.9%
	Maori NZWS	10	60.0%	70.0%	80.0%	80.0%	40.0%	60.0%	40.0%	80.0%	80.0%	10.0%	60.0%	30.0%	100.0%	50.0%
61231-Poultry Farmer and Poultry Farm Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61241-Apiarist and Apiary Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
61251-Crop and Livestock Farmer, Worker	Total	23	52.2%	39.1%	65.2%	78.3%	56.5%	65.2%	26.1%	56.5%	39.1%	21.7%	34.8%	26.1%	95.7%	52.2%
	NZWS	17	52.9%	41.2%	64.7%	76.5%	64.7%	70.6%	29.4%	52.9%	35.3%	11.8%	41.2%	17.6%	100.0%	58.8%
	Maori NZWS	6	50.0%	33.3%	66.7%	83.3%	33.3%	50.0%	16.7%	66.7%	50.0%	50.0%	16.7%	50.0%	83.3%	33.3%
61261-Shepherd or Musterer	Total	0														
	NZWS	0														
	Maori NZWS	0														
61262-Shearing Contractor/Shearer	Total	10	90.0%	70.0%	100.0%	100.0%	90.0%	90.0%	30.0%	80.0%	100.0%	30.0%	0.0%	100.0%	40.0%	80.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	87.5%	62.5%	100.0%	100.0%	87.5%	87.5%	37.5%	87.5%	100.0%	25.0%	0.0%	100.0%	50.0%	87.5%
61263-Wool Classer	Total	0														
	NZWS	0														
	Maori NZWS	0														

61264-Shearing Shed Hand	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61265-Horse Trainer, Groom or Stable Hand	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61267-Sampling Officer	Total	0															
	NZWS	0															
	Maori NZWS	0															
61311-Logger	Total	13	92.3%	84.6%	76.9%	100.0%	61.5%	84.6%	23.1%	92.3%	84.6%	30.8%	61.5%	92.3%	92.3%	92.3%	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	12	100.0%	91.7%	75.0%	100.0%	66.7%	91.7%	25.0%	100.0%	91.7%	33.3%	58.3%	91.7%	91.7%	91.7%	
61312-Forest Hand	Total	5	100.0%	60.0%	60.0%	60.0%	80.0%	80.0%	40.0%	80.0%	60.0%	40.0%	60.0%	60.0%	100.0%	60.0%	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	4	100.0%	75.0%	75.0%	75.0%	75.0%	75.0%	50.0%	100.0%	75.0%	50.0%	50.0%	75.0%	100.0%	75.0%	
61313-Forestry Contractor	Total	6	100.0%	100.0%	83.3%	66.7%	50.0%	100.0%	66.7%	100.0%	66.7%	50.0%	50.0%	50.0%	100.0%	50.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61411-Fishing Skipper, Fisherpersion	Total	7	100.0%	42.9%	57.1%	85.7%	42.9%	50.0%	66.7%	71.4%	57.1%	42.9%	85.7%	28.6%	85.7%	57.1%	
	NZWS	6	100.0%	33.3%	50.0%	83.3%	33.3%	40.0%	60.0%	66.7%	50.0%	33.3%	83.3%	33.3%	83.3%	50.0%	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61413-Shell Fisher	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
61421-Fish Farmer, Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61422-Mussel and Oyster Farmer, Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61431-Hunter and Trapper	Total	0															
	NZWS	0															
	Maori NZWS	0															
61441-Animal Welfare Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
71111-Bricklayer and/or Blocklayer	Total	6	100.0%	83.3%	83.3%	100.0%	83.3%	50.0%	83.3%	50.0%	66.7%	16.7%	16.7%	50.0%	66.7%	50.0%	
	NZWS	4	100.0%	75.0%	75.0%	100.0%	100.0%	75.0%	75.0%	25.0%	75.0%	0.0%	25.0%	75.0%	50.0%	50.0%	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
71112-Stonemason	Total	0															
	NZWS	0															
	Maori NZWS	0															

71121-Carpenter and/or Joiner	Total	30	70.0%	63.3%	96.7%	80.0%	53.3%	70.0%	30.0%	66.7%	70.0%	30.0%	16.7%	56.7%	76.7%	90.0%
	NZWS	20	60.0%	55.0%	95.0%	75.0%	45.0%	65.0%	25.0%	60.0%	60.0%	20.0%	5.0%	55.0%	65.0%	85.0%
	Maori NZWS	10	90.0%	80.0%	100.0%	90.0%	70.0%	80.0%	40.0%	80.0%	90.0%	50.0%	40.0%	60.0%	100.0%	100.0%
71122-Builder (Including Contractor)	Total	59	86.4%	78.0%	84.7%	81.4%	52.5%	81.4%	50.8%	61.0%	55.9%	18.6%	18.6%	57.6%	91.5%	88.1%
	NZWS	38	86.8%	76.3%	84.2%	78.9%	50.0%	81.6%	47.4%	50.0%	44.7%	21.1%	15.8%	50.0%	92.1%	89.5%
	Maori NZWS	21	85.7%	81.0%	85.7%	85.7%	57.1%	81.0%	57.1%	81.0%	76.2%	14.3%	23.8%	71.4%	90.5%	85.7%
71123-Boatbuilder	Total	5	60.0%	40.0%	40.0%	60.0%	60.0%	100.0%	40.0%	20.0%	20.0%	20.0%	60.0%	40.0%	20.0%	80.0%
	NZWS	5	60.0%	40.0%	40.0%	60.0%	60.0%	100.0%	40.0%	20.0%	20.0%	20.0%	60.0%	40.0%	20.0%	80.0%
	Maori NZWS	0														
71211-Plasterer	Total	12	75.0%	75.0%	66.7%	100.0%	91.7%	91.7%	83.3%	83.3%	58.3%	16.7%	16.7%	41.7%	58.3%	75.0%
	NZWS	7	57.1%	71.4%	42.9%	100.0%	85.7%	100.0%	85.7%	85.7%	42.9%	0.0%	0.0%	14.3%	57.1%	71.4%
	Maori NZWS	5	100.0%	80.0%	100.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%	40.0%	40.0%	80.0%	60.0%	80.0%
71221-Glazier	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
71231-Plumber	Total	10	80.0%	80.0%	80.0%	100.0%	80.0%	90.0%	50.0%	90.0%	70.0%	40.0%	20.0%	80.0%	100.0%	80.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	85.7%	85.7%	71.4%	100.0%	85.7%	100.0%	42.9%	85.7%	71.4%	42.9%	14.3%	85.7%	100.0%	85.7%
71241-Painter, Decorator and/or Paperhanger	Total	36	83.3%	72.2%	77.1%	94.3%	77.1%	80.0%	48.6%	65.7%	57.1%	31.4%	20.0%	47.1%	79.4%	65.7%
	NZWS	21	90.5%	76.2%	81.0%	90.5%	85.7%	76.2%	66.7%	57.1%	57.1%	28.6%	33.3%	47.6%	76.2%	61.9%
	Maori NZWS	15	73.3%	66.7%	71.4%	100.0%	64.3%	85.7%	21.4%	78.6%	57.1%	35.7%	0.0%	46.2%	84.6%	71.4%
71242-Spray Painter	Total	7	100.0%	85.7%	57.1%	85.7%	100.0%	100.0%	100.0%	57.1%	71.4%	57.1%	28.6%	85.7%	57.1%	71.4%
	NZWS	5	100.0%	80.0%	60.0%	100.0%	100.0%	100.0%	100.0%	80.0%	60.0%	80.0%	40.0%	80.0%	40.0%	60.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71243-Sign Writer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
71311-Electrician	Total	25	72.0%	52.0%	72.0%	66.7%	60.0%	80.0%	62.5%	48.0%	60.0%	37.5%	52.0%	32.0%	64.0%	68.0%
	NZWS	15	60.0%	40.0%	53.3%	57.1%	53.3%	80.0%	64.3%	40.0%	46.7%	33.3%	53.3%	33.3%	46.7%	66.7%
	Maori NZWS	10	90.0%	70.0%	100.0%	80.0%	70.0%	80.0%	60.0%	60.0%	80.0%	44.4%	50.0%	30.0%	90.0%	70.0%
71312-Transport Electrician	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
71313-Appliance Electrician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72111-Metal Mould Maker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
72121-Coach Builder	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

72122-Sheet-Metal Worker	Total	10	80.0%	80.0%	90.0%	80.0%	70.0%	80.0%	40.0%	30.0%	30.0%	60.0%	20.0%	70.0%	30.0%	90.0%
	NZWS	6	83.3%	100.0%	83.3%	66.7%	50.0%	66.7%	33.3%	16.7%	16.7%	66.7%	16.7%	50.0%	16.7%	83.3%
	Maori NZWS	4	75.0%	50.0%	100.0%	100.0%	100.0%	100.0%	50.0%	50.0%	50.0%	50.0%	25.0%	100.0%	50.0%	100.0%
72123-Boiler Maker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72124-Fitter and Welder	Total	17	70.6%	58.8%	58.8%	76.5%	41.2%	70.6%	64.7%	35.3%	58.8%	52.9%	23.5%	58.8%	58.8%	82.4%
	NZWS	14	71.4%	57.1%	64.3%	71.4%	42.9%	64.3%	71.4%	35.7%	57.1%	42.9%	21.4%	57.1%	57.1%	78.6%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72125-Panel Beater	Total	6	83.3%	83.3%	66.7%	66.7%	66.7%	66.7%	16.7%	16.7%	33.3%	33.3%	50.0%	83.3%	50.0%	100.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72211-Blacksmith	Total	0														
	NZWS	0														
	Maori NZWS	0														
72221-Pattern Maker	Total	0														
	NZWS	0														
	Maori NZWS	0														
72222-Tool and/or Die Maker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
72231-Fitter and Turner	Total	16	62.5%	68.8%	81.3%	75.0%	56.3%	75.0%	31.3%	50.0%	50.0%	31.3%	50.0%	37.5%	56.3%	93.8%
	NZWS	11	54.5%	54.5%	72.7%	72.7%	54.5%	72.7%	27.3%	45.5%	45.5%	27.3%	54.5%	18.2%	54.5%	90.9%
	Maori NZWS	5	80.0%	100.0%	100.0%	80.0%	60.0%	80.0%	40.0%	60.0%	60.0%	40.0%	40.0%	80.0%	60.0%	100.0%
72241-Saw Doctor	Total	0														
	NZWS	0														
	Maori NZWS	0														
72311-Machinery Mechanic	Total	26	76.9%	69.2%	61.5%	61.5%	53.8%	84.6%	42.3%	50.0%	53.8%	34.6%	42.3%	42.3%	76.9%	80.8%
	NZWS	12	66.7%	58.3%	75.0%	58.3%	75.0%	83.3%	50.0%	41.7%	41.7%	33.3%	41.7%	33.3%	75.0%	75.0%
	Maori NZWS	14	85.7%	78.6%	50.0%	64.3%	35.7%	85.7%	35.7%	57.1%	64.3%	35.7%	42.9%	50.0%	78.6%	85.7%
72312-Motor Mechanic	Total	23	78.3%	73.9%	65.2%	65.2%	52.2%	73.9%	34.8%	60.9%	52.2%	26.1%	13.0%	33.3%	36.4%	65.2%
	NZWS	17	76.5%	76.5%	58.8%	64.7%	47.1%	70.6%	29.4%	47.1%	41.2%	17.6%	5.9%	20.0%	25.0%	58.8%
	Maori NZWS	6	83.3%	66.7%	83.3%	66.7%	66.7%	83.3%	50.0%	100.0%	83.3%	50.0%	33.3%	66.7%	66.7%	83.3%
72313-Aircraft Engine Mechanic	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
72314-Heating, Ventilation and Refrigeration Mechanic	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72315-Small Engine Mechanic	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

72316-Mechanical Products Inspector and Tester	Total	0														
	NZWS	0														
	Maori NZWS	0														
72411-Electrical Fitter	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
72412-Fire Alarm Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72421-Electronics Serviceperson	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
72422-Avionics Mechanic	Total	0														
	NZWS	0														
	Maori NZWS	0														
72431-Radio and Television Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73111-Industrial Precision Instrument Maker and Repairer	Total	0														
	NZWS	0														
	Maori NZWS	0														
73112-Locksmith	Total	0														
	NZWS	0														
	Maori NZWS	0														
73113-Optical Instrument Maker, Repairer and Mechanic	Total	0														
	NZWS	0														
	Maori NZWS	0														
73115-Watchmaker and Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
73121-Musical Instrument Maker, Repairer and Tuner	Total	0														
	NZWS	0														
	Maori NZWS	0														
73131-Jeweller and Jewellery Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
73132-Gem Cutter and Polisher	Total	0														
	NZWS	0														
	Maori NZWS	0														
73211-Glass Cutter and Beveller	Total	0														
	NZWS	0														
	Maori NZWS	0														

73311-Graphic Pre-Press Tradesperson	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
73316-Screen Printer	Total	0														
	NZWS	0														
	Maori NZWS	0														
73317-Printing Machinist	Total	12	58.3%	75.0%	75.0%	91.7%	75.0%	83.3%	75.0%	25.0%	41.7%	66.7%	25.0%	8.3%	0.0%	83.3%
	NZWS	8	75.0%	87.5%	75.0%	87.5%	75.0%	75.0%	75.0%	12.5%	37.5%	75.0%	25.0%	12.5%	0.0%	87.5%
	Maori NZWS	4	25.0%	50.0%	75.0%	100.0%	75.0%	100.0%	75.0%	50.0%	50.0%	50.0%	25.0%	0.0%	0.0%	75.0%
73318-Desktop Publisher	Total	0														
	NZWS	0														
	Maori NZWS	0														
73321-Bookbinder	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
73331-Photolithographer, Photo Engraver	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
74111-Butcher	Total	15	71.4%	60.0%	73.3%	100.0%	73.3%	80.0%	42.9%	86.7%	26.7%	66.7%	0.0%	20.0%	6.7%	60.0%
	NZWS	8	85.7%	75.0%	62.5%	100.0%	87.5%	87.5%	42.9%	87.5%	37.5%	75.0%	0.0%	12.5%	12.5%	75.0%
	Maori NZWS	7	57.1%	42.9%	85.7%	100.0%	57.1%	71.4%	42.9%	85.7%	14.3%	57.1%	0.0%	28.6%	0.0%	42.9%
74112-Meat Grader	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74121-Baker	Total	10	90.0%	40.0%	50.0%	90.0%	80.0%	80.0%	30.0%	20.0%	60.0%	60.0%	0.0%	20.0%	0.0%	40.0%
	NZWS	7	85.7%	42.9%	42.9%	85.7%	85.7%	71.4%	28.6%	28.6%	57.1%	57.1%	0.0%	14.3%	0.0%	28.6%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74211-Cabinet Maker	Total	8	25.0%	12.5%	75.0%	75.0%	50.0%	75.0%	62.5%	25.0%	25.0%	25.0%	12.5%	12.5%	12.5%	75.0%
	NZWS	6	16.7%	16.7%	66.7%	66.7%	50.0%	66.7%	50.0%	33.3%	16.7%	33.3%	16.7%	0.0%	16.7%	83.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74212-Furniture Finisher	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
74311-Tailor/Dressmaker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
74312-Textile Products Pattern Maker	Total	0														
	NZWS	0														
	Maori NZWS	0														
74313-Textile Products Marker and Cutter	Total	0														
	NZWS	0														
	Maori NZWS	0														

74321-Furniture Upholsterer	Total	5	80.0%	80.0%	80.0%	80.0%	100.0%	100.0%	80.0%	60.0%	20.0%	40.0%	40.0%	80.0%	0.0%	40.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	75.0%	75.0%	100.0%	100.0%	100.0%	100.0%	100.0%	75.0%	25.0%	50.0%	50.0%	75.0%	0.0%	50.0%
74322-Vehicle Upholsterer and Trimmer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
74323-Canvas Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
74331-Carpet and Other Floor Covering Layer	Total	10	70.0%	60.0%	70.0%	90.0%	80.0%	80.0%	40.0%	50.0%	70.0%	0.0%	10.0%	50.0%	0.0%	60.0%
	NZWS	6	66.7%	66.7%	66.7%	100.0%	83.3%	83.3%	33.3%	33.3%	50.0%	0.0%	0.0%	33.3%	0.0%	66.7%
	Maori NZWS	4	75.0%	50.0%	75.0%	75.0%	75.0%	75.0%	50.0%	75.0%	100.0%	0.0%	25.0%	75.0%	0.0%	50.0%
74411-Saddler and Harness Maker	Total	0														
	NZWS	0														
	Maori NZWS	0														
74412-Shoe Repairer	Total	0														
	NZWS	0														
	Maori NZWS	0														
81111-Quarry and Mine Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81112-Mining Plant Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
81121-Mineral and Stone Treater	Total	0														
	NZWS	0														
	Maori NZWS	0														
81133-Driller	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81211-Metallic Furnace Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
81212-Drop Hammer and Forging Press Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
81221-Metal Caster	Total	6	66.7%	50.0%	66.7%	83.3%	66.7%	83.3%	66.7%	66.7%	66.7%	33.3%	100.0%	66.7%	33.3%	83.3%
	NZWS	4	50.0%	50.0%	75.0%	75.0%	75.0%	100.0%	75.0%	75.0%	50.0%	25.0%	100.0%	75.0%	50.0%	75.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81231-Welder and Flame-Cutter	Total	8	75.0%	75.0%	87.5%	87.5%	75.0%	87.5%	62.5%	50.0%	75.0%	75.0%	50.0%	50.0%	62.5%	87.5%
	NZWS	6	83.3%	66.7%	100.0%	83.3%	66.7%	83.3%	66.7%	33.3%	66.7%	83.3%	33.3%	50.0%	50.0%	83.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

81241-Metal Drawer and/or Extruder	Total	0														
	NZWS	0														
	Maori NZWS	0														
81311-Non-Metallic Mineral Products Kiln or Furnace Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
81312-Clay Product Plant Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
81313-Pottery and Porcelain Mould Maker	Total	0														
	NZWS	0														
	Maori NZWS	0														
81321-Glass Pressing and Drawing Machine Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81323-Glass and Ceramics Painter and Decorator	Total	0														
	NZWS	0														
	Maori NZWS	0														
81411-Timber Processing Machine Operator	Total	10	70.0%	80.0%	70.0%	90.0%	70.0%	70.0%	66.7%	66.7%	80.0%	40.0%	40.0%	30.0%	40.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	75.0%	87.5%	75.0%	87.5%	62.5%	75.0%	57.1%	62.5%	75.0%	50.0%	50.0%	25.0%	37.5%	100.0%
81413-Timber Grader, Classer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
81421-Pulp Production Worker	Total	4	75.0%	50.0%	75.0%	100.0%	50.0%	100.0%	25.0%	25.0%	50.0%	25.0%	75.0%	75.0%	50.0%	75.0%
	NZWS	0														
	Maori NZWS	4	75.0%	50.0%	75.0%	100.0%	50.0%	100.0%	25.0%	25.0%	50.0%	25.0%	75.0%	75.0%	50.0%	75.0%
81431-Paper Production Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
81511-Chemical Crushing, Grinding and Mixing Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
81521-Filtering and Separating Equipment Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
81522-Water Treatment Plant Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81531-Still and Reactor Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														

81541-Other Chemical Processing Plant Operator	Total	5	20.0%	40.0%	60.0%	80.0%	20.0%	60.0%	40.0%	20.0%	40.0%	60.0%	80.0%	20.0%	60.0%	80.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81611-Power Generating Plant Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81612-Boiler Attendant	Total	0														
	NZWS	0														
	Maori NZWS	0														
81613-Pumping-Station Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81614-Other Stationary Engine Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
82111-Machine Tool Operator	Total	4	50.0%	50.0%	75.0%	100.0%	75.0%	75.0%	75.0%	50.0%	75.0%	50.0%	75.0%	0.0%	50.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82112-Automated Machine Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82113-Spring Maker and Wire Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
82114-Tool Grinder and Sharpener	Total	0														
	NZWS	0														
	Maori NZWS	0														
82115-Power Shear Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
82121-Concrete Worker	Total	15	86.7%	66.7%	73.3%	93.3%	73.3%	80.0%	26.7%	80.0%	86.7%	40.0%	33.3%	66.7%	86.7%	86.7%
	NZWS	5	80.0%	20.0%	40.0%	80.0%	80.0%	80.0%	40.0%	40.0%	60.0%	40.0%	40.0%	60.0%	80.0%	80.0%
	Maori NZWS	10	90.0%	90.0%	90.0%	100.0%	70.0%	80.0%	20.0%	100.0%	100.0%	40.0%	30.0%	70.0%	90.0%	90.0%
82211-Pharmaceutical and Toiletry Products Machine Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
82221-Electroplater	Total	0														
	NZWS	0														
	Maori NZWS	0														
82223-Metal Polisher	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

82231-Photographic Darkroom Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
82311-Tyre Moulder and Builder	Total	0															
	NZWS	0															
	Maori NZWS	0															
82312-Reserved	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82313-Tyre Retreader	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82321-Rubber Machine Operator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82322-Plastics Machine Operator	Total	7	85.7%	57.1%	71.4%	83.3%	71.4%	85.7%	14.3%	28.6%	57.1%	28.6%	28.6%	28.6%	0.0%	100.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	100.0%	80.0%	80.0%	100.0%	80.0%	80.0%	20.0%	40.0%	80.0%	40.0%	40.0%	40.0%	0.0%	100.0%	
82323-Plastics Laminator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82411-Woodworking Machinist	Total	4	75.0%	100.0%	100.0%	100.0%	75.0%	100.0%	75.0%	25.0%	25.0%	75.0%	50.0%	25.0%	50.0%	100.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82412-Wood Panel Production Worker	Total	0															
	NZWS	0															
	Maori NZWS	0															
82413-Joiner's Benchhand	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82421-Preservation Plant Operator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82422-Wood Seasoning Kiln Operator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82511-Paper Products Machine Operator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82512-Cardboard Forme Maker and Finisher	Total	0															
	NZWS	0															
	Maori NZWS	0															

82513-Guillotine Operator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82611-Spinner and Winder	Total	0															
	NZWS	0															
	Maori NZWS	0															
82622-Cloth Weaver	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
82623-Carpet Weaver	Total	0															
	NZWS	0															
	Maori NZWS	0															
82624-Knitter, Knitting Machinist	Total	0															
	NZWS	0															
	Maori NZWS	0															
82631-Sewing Machinist	Total	14	57.1%	57.1%	50.0%	64.3%	100.0%	92.9%	50.0%	28.6%	28.6%	42.9%	85.7%	35.7%	0.0%	57.1%	
	NZWS	10	60.0%	50.0%	60.0%	60.0%	100.0%	90.0%	60.0%	30.0%	30.0%	50.0%	80.0%	40.0%	0.0%	50.0%	
	Maori NZWS	4	50.0%	75.0%	25.0%	75.0%	100.0%	100.0%	25.0%	25.0%	25.0%	25.0%	100.0%	25.0%	0.0%	75.0%	
82632-Embroiderer	Total	0															
	NZWS	0															
	Maori NZWS	0															
82634-Stuffed Toy Maker	Total	0															
	NZWS	0															
	Maori NZWS	0															
82635-Hat Maker	Total	0															
	NZWS	0															
	Maori NZWS	0															
82641-Lauderer	Total	5	80.0%	40.0%	80.0%	100.0%	80.0%	60.0%	80.0%	20.0%	80.0%	80.0%	20.0%	0.0%	0.0%	60.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
82642-Bleacher and Dyer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
82643-Dry-Cleaner	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
82644-Presser	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
82645-Textile Finisher	Total	0															
	NZWS	0															
	Maori NZWS	0															

82646-Carpet Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82651-Fibre Preparer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
82652-Wool Scourer	Total	0															
	NZWS	0															
	Maori NZWS	0															
82712-Slaughterer	Total	51	94.1%	78.4%	76.5%	94.1%	86.3%	86.3%	58.8%	76.5%	35.3%	64.7%	11.8%	35.3%	3.9%	84.3%	
	NZWS	14	100.0%	85.7%	85.7%	92.9%	85.7%	78.6%	71.4%	71.4%	28.6%	57.1%	14.3%	28.6%	0.0%	78.6%	
	Maori NZWS	37	91.9%	75.7%	73.0%	94.6%	86.5%	89.2%	54.1%	78.4%	37.8%	67.6%	10.8%	37.8%	5.4%	86.5%	
82713-Smallgoods Maker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82715-Oyster Opener and Canner	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82717-Meat Processing Worker	Total	6	83.3%	66.7%	66.7%	83.3%	66.7%	66.7%	83.3%	83.3%	0.0%	66.7%	33.3%	0.0%	16.7%	66.7%	
	NZWS	4	100.0%	75.0%	75.0%	100.0%	50.0%	75.0%	75.0%	75.0%	0.0%	50.0%	50.0%	0.0%	25.0%	50.0%	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82718-Fish Processing Worker	Total	7	28.6%	50.0%	85.7%	66.7%	66.7%	66.7%	66.7%	100.0%	0.0%	66.7%	33.3%	0.0%	0.0%	83.3%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	5	20.0%	25.0%	100.0%	75.0%	50.0%	50.0%	75.0%	100.0%	0.0%	75.0%	0.0%	0.0%	0.0%	75.0%	
82721-Milk and Other Dairy Products Maker	Total	11	63.6%	54.5%	63.6%	81.8%	54.5%	81.8%	45.5%	27.3%	81.8%	36.4%	81.8%	54.5%	27.3%	72.7%	
	NZWS	5	20.0%	0.0%	20.0%	60.0%	20.0%	80.0%	40.0%	0.0%	80.0%	0.0%	100.0%	0.0%	0.0%	80.0%	
	Maori NZWS	6	100.0%	100.0%	100.0%	100.0%	83.3%	83.3%	50.0%	50.0%	83.3%	66.7%	66.7%	100.0%	50.0%	66.7%	
82722-Cheese Maker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
82731-Grain Miller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
82741-Baked Goods and Cereals Producing Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
82742-Baker's Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
82751-Fruit, Vegetable and Nut Processing Machine Operator	Total	4	75.0%	100.0%	75.0%	100.0%	100.0%	100.0%	50.0%	100.0%	50.0%	75.0%	0.0%	50.0%	25.0%	75.0%	
	NZWS	0															
	Maori NZWS	4	75.0%	100.0%	75.0%	100.0%	100.0%	100.0%	50.0%	100.0%	50.0%	75.0%	0.0%	50.0%	25.0%	75.0%	

82761-Sugar Processor and Refiner	Total	0															
	NZWS	0															
	Maori NZWS	0															
82762-Confectionery Maker	Total	0															
	NZWS	0															
	Maori NZWS	0															
82773-Other Food Products Processing Machine Operator	Total	8	87.5%	50.0%	87.5%	87.5%	75.0%	100.0%	50.0%	57.1%	50.0%	62.5%	62.5%	50.0%	50.0%	87.5%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	100.0%	66.7%	100.0%	100.0%	83.3%	100.0%	50.0%	66.7%	50.0%	66.7%	66.7%	66.7%	66.7%	100.0%	
82781-Tobacco Product Process Worker	Total	0															
	NZWS	0															
	Maori NZWS	0															
82791-Brewery Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
82792-Distillery Worker (Alcoholic Beverages)	Total	0															
	NZWS	0															
	Maori NZWS	0															
82794-Wine Making Machine Operator	Total	0															
	NZWS	0															
	Maori NZWS	0															
82811-Hide and Pelt Processor	Total	0															
	NZWS	0															
	Maori NZWS	0															
82812-Tanner, Splitter and Dyer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
82911-Machinery Assembler	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82921-Coil Winder	Total	0															
	NZWS	0															
	Maori NZWS	0															
82922-Electric and Electronic Equipment Assembler	Total	7	85.7%	71.4%	57.1%	85.7%	85.7%	100.0%	57.1%	42.9%	42.9%	85.7%	85.7%	71.4%	14.3%	71.4%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	100.0%	100.0%	75.0%	100.0%	75.0%	100.0%	75.0%	75.0%	50.0%	100.0%	100.0%	100.0%	25.0%	75.0%	
82923-Linesperson	Total	14	100.0%	71.4%	57.1%	78.6%	50.0%	85.7%	50.0%	78.6%	71.4%	50.0%	57.1%	64.3%	92.9%	71.4%	
	NZWS	5	100.0%	80.0%	60.0%	60.0%	40.0%	80.0%	60.0%	60.0%	40.0%	40.0%	0.0%	60.0%	100.0%	80.0%	
	Maori NZWS	9	100.0%	66.7%	55.6%	88.9%	55.6%	88.9%	44.4%	88.9%	88.9%	55.6%	88.9%	66.7%	88.9%	66.7%	
82924-Electric Cable Jointer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

82931-Metal Goods Assembler	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
82932-Plastic and Rubber Goods Assembler	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
82941-Wood and Related Materials Products Assembler	Total	4	50.0%	50.0%	50.0%	100.0%	50.0%	75.0%	50.0%	25.0%	50.0%	50.0%	25.0%	25.0%	0.0%	75.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82942-Basket and Wicker Worker	Total	0														
	NZWS	0														
	Maori NZWS	0														
82944-Fencer	Total	9	88.9%	66.7%	100.0%	88.9%	77.8%	77.8%	22.2%	66.7%	88.9%	22.2%	44.4%	55.6%	100.0%	88.9%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	85.7%	57.1%	100.0%	85.7%	71.4%	85.7%	14.3%	85.7%	100.0%	28.6%	57.1%	71.4%	100.0%	100.0%
82953-Leather Goods Assembler	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82954-Footwear Production Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
83111-Railway Locomotive Driver	Total	5	80.0%	60.0%	20.0%	80.0%	80.0%	60.0%	60.0%	40.0%	60.0%	40.0%	100.0%	80.0%	40.0%	100.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83211-Taxi Driver	Total	17	64.7%	23.5%	58.8%	64.7%	47.1%	88.2%	64.7%	47.1%	52.9%	23.5%	100.0%	11.8%	56.3%	41.2%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	16	62.5%	25.0%	62.5%	68.8%	43.8%	87.5%	62.5%	50.0%	56.3%	25.0%	100.0%	12.5%	60.0%	37.5%
83212-Light Truck or Van Driver	Total	13	61.5%	69.2%	69.2%	76.9%	50.0%	53.8%	53.8%	76.9%	61.5%	23.1%	76.9%	7.7%	75.0%	38.5%
	NZWS	6	66.7%	66.7%	83.3%	100.0%	40.0%	83.3%	50.0%	100.0%	66.7%	16.7%	83.3%	0.0%	100.0%	33.3%
	Maori NZWS	7	57.1%	71.4%	57.1%	57.1%	57.1%	28.6%	57.1%	57.1%	57.1%	28.6%	71.4%	14.3%	57.1%	42.9%
83213-Driving Instructor	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83221-Passenger Coach Driver	Total	17	64.7%	35.3%	17.6%	76.5%	23.5%	64.7%	35.3%	41.2%	47.1%	17.6%	100.0%	12.5%	29.4%	58.8%
	NZWS	8	37.5%	37.5%	12.5%	62.5%	25.0%	75.0%	37.5%	25.0%	37.5%	25.0%	100.0%	25.0%	12.5%	62.5%
	Maori NZWS	9	88.9%	33.3%	22.2%	88.9%	22.2%	55.6%	33.3%	55.6%	55.6%	11.1%	100.0%	0.0%	44.4%	55.6%
83231-Heavy Truck or Tanker Driver	Total	65	64.1%	46.2%	61.5%	70.3%	47.7%	69.2%	46.2%	67.7%	47.7%	23.1%	92.3%	24.6%	89.2%	55.4%
	NZWS	28	66.7%	46.4%	57.1%	66.7%	39.3%	60.7%	50.0%	53.6%	46.4%	14.3%	92.9%	10.7%	75.0%	42.9%
	Maori NZWS	37	62.2%	45.9%	64.9%	73.0%	54.1%	75.7%	43.2%	78.4%	48.6%	29.7%	91.9%	35.1%	100.0%	64.9%
83311-Farm Machinery Operator, Including Contractor	Total	8	62.5%	37.5%	75.0%	75.0%	25.0%	87.5%	25.0%	25.0%	37.5%	12.5%	100.0%	62.5%	87.5%	50.0%
	NZWS	6	66.7%	33.3%	66.7%	83.3%	16.7%	83.3%	16.7%	16.7%	33.3%	16.7%	100.0%	66.7%	83.3%	33.3%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

83312-Ground Spraying and/or Dusting Contractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
83321-Excavating Machine Operator	Total	12	75.0%	50.0%	50.0%	75.0%	66.7%	66.7%	33.3%	33.3%	66.7%	16.7%	83.3%	41.7%	91.7%	75.0%
	NZWS	4	50.0%	25.0%	0.0%	50.0%	50.0%	25.0%	75.0%	0.0%	75.0%	25.0%	75.0%	25.0%	75.0%	75.0%
	Maori NZWS	8	87.5%	62.5%	75.0%	87.5%	75.0%	87.5%	12.5%	50.0%	62.5%	12.5%	87.5%	50.0%	100.0%	75.0%
83323-Pile Driver, Driller Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83324-Earthmoving Machine Operator	Total	12	50.0%	33.3%	50.0%	75.0%	50.0%	58.3%	50.0%	41.7%	41.7%	25.0%	91.7%	58.3%	83.3%	75.0%
	NZWS	7	57.1%	28.6%	42.9%	71.4%	42.9%	42.9%	85.7%	28.6%	28.6%	14.3%	100.0%	42.9%	71.4%	71.4%
	Maori NZWS	5	40.0%	40.0%	60.0%	80.0%	60.0%	80.0%	0.0%	60.0%	60.0%	40.0%	80.0%	80.0%	100.0%	80.0%
83325-Roading and/or Paving Machine Operator	Total	7	71.4%	57.1%	57.1%	100.0%	42.9%	100.0%	28.6%	57.1%	85.7%	14.3%	71.4%	28.6%	85.7%	85.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	80.0%	60.0%	60.0%	100.0%	60.0%	100.0%	40.0%	60.0%	100.0%	20.0%	80.0%	20.0%	80.0%	80.0%
83331-Crane Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
83341-Fork-Lift Operator	Total	16	62.5%	33.3%	40.0%	75.0%	43.8%	62.5%	68.8%	75.0%	62.5%	25.0%	87.5%	37.5%	68.8%	68.8%
	NZWS	6	83.3%	40.0%	33.3%	100.0%	50.0%	83.3%	50.0%	66.7%	50.0%	33.3%	100.0%	33.3%	66.7%	83.3%
	Maori NZWS	10	50.0%	30.0%	44.4%	60.0%	40.0%	50.0%	80.0%	80.0%	70.0%	20.0%	80.0%	40.0%	70.0%	60.0%
83342-Straddle-Truck Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83343-Tow Truck Operator	Total	0														
	NZWS	0														
	Maori NZWS	0														
83411-Deck Rating	Total	0														
	NZWS	0														
	Maori NZWS	0														
83412-Other Ship or Boat Hand	Total	0														
	NZWS	0														
	Maori NZWS	0														
84110-Building Exterior Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
84111-Drainlayer	Total	7	85.7%	71.4%	85.7%	71.4%	42.9%	71.4%	57.1%	57.1%	57.1%	14.3%	42.9%	42.9%	100.0%	71.4%
	NZWS	5	100.0%	60.0%	80.0%	60.0%	40.0%	60.0%	60.0%	40.0%	40.0%	0.0%	40.0%	20.0%	100.0%	60.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84112-Pipe Fitter	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

84113-Steel Fixer	Total	0															
	NZWS	0															
	Maori NZWS	0															
84114-Scaffolder	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
84115-Rigger and Cable Splicer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84116-Steel Erector, Construction	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0															
84117-Roofer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84118-Aluminium Joiner	Total	0															
	NZWS	0															
	Maori NZWS	0															
84119-Insulator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0															
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84121-Underwater Worker	Total	4	100.0%	75.0%	100.0%	75.0%	75.0%	100.0%	25.0%	75.0%	25.0%	25.0%	50.0%	50.0%	100.0%	75.0%	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91111-Cleaner	Total	85	64.3%	38.1%	48.8%	90.5%	58.3%	53.6%	48.8%	40.5%	46.4%	26.2%	11.9%	30.5%	25.0%	39.3%	
	NZWS	34	73.5%	41.2%	47.1%	94.1%	73.5%	58.8%	50.0%	26.5%	38.2%	23.5%	8.8%	18.8%	20.6%	23.5%	
	Maori NZWS	51	58.0%	36.0%	50.0%	88.0%	48.0%	50.0%	48.0%	50.0%	52.0%	28.0%	14.0%	38.0%	28.0%	50.0%	
91112-Building Caretaker	Total	19	63.2%	38.9%	68.4%	68.4%	57.9%	52.6%	57.9%	42.1%	50.0%	26.3%	26.3%	47.4%	94.7%	57.9%	
	NZWS	7	57.1%	33.3%	71.4%	57.1%	42.9%	42.9%	71.4%	28.6%	33.3%	42.9%	14.3%	57.1%	85.7%	71.4%	
	Maori NZWS	12	66.7%	41.7%	66.7%	75.0%	66.7%	58.3%	50.0%	50.0%	58.3%	16.7%	33.3%	41.7%	100.0%	50.0%	
91113-Pest Control Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
91211-Courier and Deliverer	Total	19	84.2%	57.9%	84.2%	100.0%	68.4%	94.7%	42.1%	47.4%	47.4%	26.3%	84.2%	16.7%	68.4%	36.8%	
	NZWS	9	66.7%	55.6%	77.8%	100.0%	77.8%	88.9%	55.6%	55.6%	44.4%	22.2%	88.9%	0.0%	55.6%	55.6%	
	Maori NZWS	10	100.0%	60.0%	90.0%	100.0%	60.0%	100.0%	30.0%	40.0%	50.0%	30.0%	80.0%	30.0%	80.0%	20.0%	
91212-Hotel Porter	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0															
91311-Refuse Collector	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

91312-Street or Park Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0														
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91411-Packer	Total	46	73.9%	63.6%	73.9%	91.3%	75.6%	67.4%	47.8%	60.0%	30.4%	60.9%	17.4%	23.9%	13.0%	71.1%
	NZWS	22	59.1%	57.1%	63.6%	90.9%	76.2%	59.1%	50.0%	47.6%	13.6%	72.7%	4.5%	18.2%	4.5%	59.1%
	Maori NZWS	24	87.5%	69.6%	83.3%	91.7%	75.0%	75.0%	45.8%	70.8%	45.8%	50.0%	29.2%	29.2%	20.8%	82.6%
91412-Loader and/or Checker	Total	29	72.4%	69.0%	69.0%	82.8%	65.5%	89.7%	44.8%	75.9%	62.1%	51.7%	72.4%	27.6%	82.8%	75.9%
	NZWS	10	80.0%	60.0%	70.0%	70.0%	50.0%	80.0%	30.0%	60.0%	70.0%	50.0%	80.0%	20.0%	90.0%	70.0%
	Maori NZWS	19	68.4%	73.7%	68.4%	89.5%	73.7%	94.7%	52.6%	84.2%	57.9%	52.6%	68.4%	31.6%	78.9%	78.9%
91413-Railway Shunter	Total	0														
	NZWS	0														
	Maori NZWS	0														
91511-Surveyor's Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0														
91512-Builder's Labourer	Total	16	93.8%	75.0%	87.5%	81.3%	56.3%	68.8%	62.5%	81.3%	68.8%	43.8%	37.5%	62.5%	100.0%	75.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	13	92.3%	76.9%	84.6%	84.6%	46.2%	69.2%	61.5%	84.6%	76.9%	46.2%	38.5%	69.2%	100.0%	76.9%
91513-Sawmill Labourer	Total	6	66.7%	50.0%	66.7%	100.0%	66.7%	83.3%	50.0%	83.3%	66.7%	33.3%	33.3%	33.3%	50.0%	83.3%
	NZWS	5	80.0%	40.0%	60.0%	100.0%	80.0%	80.0%	40.0%	80.0%	60.0%	20.0%	40.0%	20.0%	60.0%	80.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91514-General Labourer	Total	33	78.8%	78.8%	78.8%	93.9%	69.7%	78.8%	59.4%	69.7%	54.5%	45.5%	33.3%	48.5%	60.6%	84.8%
	NZWS	22	77.3%	77.3%	72.7%	95.5%	68.2%	77.3%	59.1%	63.6%	36.4%	54.5%	27.3%	36.4%	45.5%	77.3%
	Maori NZWS	11	81.8%	81.8%	90.9%	90.9%	72.7%	81.8%	60.0%	81.8%	90.9%	27.3%	45.5%	72.7%	90.9%	100.0%

NZSCO 5-DIGIT OCCUPATIONAL CODE	Study	N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
11111-Member of Parliament	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
11112-Local Government Legislator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11211-Chief Executive - Central Government	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11212-Chief Executive - Local Government	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
11213-Diplomatic Representative	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
11311-Chief Executive and/or Managing Director	Total	38	2.6%	63.2%	18.4%	44.7%	2.6%	2.6%	13.2%	31.6%	23.7%	15.8%	7.9%	18.4%	10.5%	0.0%	13.2%	21.1%	5.3%
	NZWS	29	0.0%	72.4%	17.2%	44.8%	0.0%	3.4%	3.4%	27.6%	24.1%	10.3%	6.9%	17.2%	10.3%	0.0%	10.3%	20.7%	3.4%
	Maori NZWS	9	11.1%	33.3%	22.2%	44.4%	11.1%	0.0%	44.4%	44.4%	22.2%	33.3%	11.1%	22.2%	11.1%	0.0%	22.2%	22.2%	11.1%
11411-Special-Interest Organisation Administrator	Total	10	0.0%	90.0%	30.0%	40.0%	0.0%	0.0%	10.0%	20.0%	10.0%	20.0%	10.0%	10.0%	0.0%	0.0%	10.0%	10.0%	10.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	0.0%	100.0%	28.6%	28.6%	0.0%	0.0%	14.3%	14.3%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12111-General Manager	Total	69	4.3%	63.8%	1.4%	50.7%	0.0%	2.9%	2.9%	21.7%	7.2%	11.6%	11.6%	5.8%	1.4%	0.0%	8.7%	11.6%	10.1%
	NZWS	53	1.9%	62.3%	1.9%	52.8%	0.0%	0.0%	0.0%	22.6%	9.4%	11.3%	15.1%	5.7%	1.9%	0.0%	7.5%	9.4%	7.5%
	Maori NZWS	16	12.5%	68.8%	0.0%	43.8%	0.0%	12.5%	12.5%	18.8%	0.0%	12.5%	0.0%	6.3%	0.0%	0.0%	12.5%	18.8%	18.8%
12211-Senior Education Manager	Total	31	0.0%	77.4%	6.5%	41.9%	0.0%	0.0%	9.7%	9.7%	3.2%	3.2%	0.0%	3.2%	0.0%	0.0%	3.2%	3.2%	0.0%
	NZWS	13	0.0%	84.6%	15.4%	15.4%	0.0%	0.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	18	0.0%	72.2%	0.0%	61.1%	0.0%	0.0%	11.1%	16.7%	5.6%	5.6%	0.0%	5.6%	0.0%	0.0%	5.6%	5.6%	0.0%

12212-Broadcasting and Theatrical Production Manager	Total	4	25.0%	25.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12213-Production Manager (Manufacturing)	Total	36	0.0%	61.1%	36.1%	27.8%	8.3%	2.8%	2.8%	77.8%	38.9%	50.0%	33.3%	16.7%	16.7%	2.8%	44.4%	30.6%	8.3%	
	NZWS	28	0.0%	57.1%	42.9%	28.6%	7.1%	3.6%	3.6%	82.1%	42.9%	60.7%	39.3%	21.4%	17.9%	3.6%	53.6%	35.7%	7.1%	
	Maori NZWS	8	0.0%	75.0%	12.5%	25.0%	12.5%	0.0%	0.0%	62.5%	25.0%	12.5%	12.5%	0.0%	12.5%	0.0%	12.5%	12.5%	12.5%	
12214-Transport Manager	Total	13	0.0%	53.8%	7.7%	53.8%	7.7%	7.7%	0.0%	61.5%	30.8%	30.8%	23.1%	7.7%	0.0%	0.0%	15.4%	38.5%	23.1%	
	NZWS	9	0.0%	55.6%	0.0%	44.4%	0.0%	11.1%	0.0%	66.7%	22.2%	33.3%	22.2%	0.0%	0.0%	0.0%	11.1%	44.4%	22.2%	
	Maori NZWS	4	0.0%	50.0%	25.0%	75.0%	25.0%	0.0%	0.0%	50.0%	50.0%	25.0%	25.0%	25.0%	0.0%	0.0%	25.0%	25.0%	25.0%	
12215-Forest Manager	Total	4	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	50.0%	100.0%	50.0%	50.0%	50.0%	0.0%	50.0%	0.0%	50.0%	75.0%	50.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12216-Quarry Manager	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12218-Construction Manager	Total	10	10.0%	40.0%	0.0%	50.0%	0.0%	40.0%	0.0%	80.0%	30.0%	80.0%	60.0%	20.0%	0.0%	0.0%	0.0%	20.0%	40.0%	
	NZWS	8	0.0%	37.5%	0.0%	50.0%	0.0%	37.5%	0.0%	75.0%	12.5%	75.0%	75.0%	12.5%	0.0%	0.0%	0.0%	12.5%	37.5%	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12219-Engineering Technical Manager	Total	6	0.0%	100.0%	16.7%	16.7%	33.3%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	50.0%	33.3%	16.7%	100.0%	66.7%	33.3%	
	NZWS	6	0.0%	100.0%	16.7%	16.7%	33.3%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	50.0%	33.3%	16.7%	100.0%	66.7%	33.3%	
	Maori NZWS	0																		
12221-Health Services Manager	Total	14	7.1%	64.3%	7.1%	50.0%	0.0%	0.0%	0.0%	28.6%	0.0%	7.1%	0.0%	14.3%	0.0%	0.0%	28.6%	0.0%	0.0%	
	NZWS	7	14.3%	71.4%	0.0%	42.9%	0.0%	0.0%	0.0%	42.9%	0.0%	0.0%	0.0%	28.6%	0.0%	0.0%	42.9%	0.0%	0.0%	
	Maori NZWS	7	0.0%	57.1%	14.3%	57.1%	0.0%	0.0%	0.0%	14.3%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%	
12222-Administration Manager	Total	88	1.1%	43.2%	8.0%	67.0%	1.1%	2.3%	4.5%	28.4%	8.0%	15.9%	12.5%	4.5%	1.1%	1.1%	9.1%	8.0%	9.1%	
	NZWS	58	0.0%	43.1%	5.2%	70.7%	0.0%	3.4%	1.7%	32.8%	8.6%	17.2%	17.2%	1.7%	0.0%	0.0%	10.3%	5.2%	8.6%	
	Maori NZWS	30	3.3%	43.3%	13.3%	60.0%	3.3%	0.0%	10.0%	20.0%	6.7%	13.3%	3.3%	10.0%	3.3%	3.3%	6.7%	13.3%	10.0%	
12223-Property Manager	Total	10	0.0%	90.0%	0.0%	40.0%	0.0%	10.0%	0.0%	40.0%	10.0%	0.0%	0.0%	20.0%	10.0%	0.0%	30.0%	20.0%	0.0%	
	NZWS	6	0.0%	100.0%	0.0%	33.3%	0.0%	16.7%	0.0%	50.0%	16.7%	0.0%	0.0%	33.3%	0.0%	0.0%	33.3%	33.3%	0.0%	
	Maori NZWS	4	0.0%	75.0%	0.0%	50.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	
12224-Finance Manager	Total	38	2.7%	21.6%	0.0%	86.5%	0.0%	0.0%	0.0%	7.9%	2.6%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.3%	
	NZWS	26	3.8%	11.5%	0.0%	84.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Maori NZWS	12	0.0%	45.5%	0.0%	90.9%	0.0%	0.0%	0.0%	25.0%	8.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	
12231-Human Resources Manager	Total	14	0.0%	50.0%	0.0%	78.6%	0.0%	0.0%	0.0%	38.5%	23.1%	30.8%	15.4%	0.0%	0.0%	0.0%	7.7%	30.8%	30.8%	
	NZWS	10	0.0%	30.0%	0.0%	80.0%	0.0%	0.0%	0.0%	40.0%	30.0%	30.0%	20.0%	0.0%	0.0%	0.0%	10.0%	30.0%	30.0%	
	Maori NZWS	4	0.0%	100.0%	0.0%	75.0%	0.0%	0.0%	0.0%	33.3%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	33.3%	
12241-Sales and/or Marketing Manager	Total	63	0.0%	46.0%	3.2%	65.1%	1.6%	1.6%	4.8%	20.6%	4.8%	11.1%	6.3%	0.0%	0.0%	0.0%	3.2%	6.3%	6.3%	
	NZWS	49	0.0%	49.0%	2.0%	65.3%	0.0%	0.0%	4.1%	18.4%	4.1%	8.2%	8.2%	0.0%	0.0%	0.0%	2.0%	6.1%	4.1%	
	Maori NZWS	14	0.0%	35.7%	7.1%	64.3%	7.1%	7.1%	7.1%	28.6%	7.1%	21.4%	0.0%	0.0%	0.0%	0.0%	7.1%	7.1%	14.3%	
12251-Advertising and Public Relations Manager	Total	9	0.0%	11.1%	0.0%	100.0%	0.0%	0.0%	0.0%	22.2%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%	
	NZWS	5	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Maori NZWS	4	0.0%	25.0%	0.0%	100.0%	0.0%	0.0%	0.0%	50.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	

12261-Supply and Distribution Manager	Total	14	0.0%	50.0%	21.4%	50.0%	0.0%	7.1%	7.1%	57.1%	7.1%	50.0%	21.4%	14.3%	0.0%	0.0%	21.4%	14.3%	14.3%
	NZWS	9	0.0%	66.7%	33.3%	33.3%	0.0%	11.1%	11.1%	55.6%	0.0%	44.4%	22.2%	11.1%	0.0%	0.0%	33.3%	11.1%	0.0%
	Maori NZWS	5	0.0%	20.0%	0.0%	80.0%	0.0%	0.0%	0.0%	60.0%	20.0%	60.0%	20.0%	20.0%	0.0%	0.0%	0.0%	20.0%	40.0%
12262-Wholesale and Warehouse Manager	Total	12	0.0%	75.0%	33.3%	25.0%	8.3%	8.3%	0.0%	50.0%	8.3%	41.7%	16.7%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%
	NZWS	9	0.0%	77.8%	11.1%	22.2%	11.1%	11.1%	0.0%	66.7%	11.1%	55.6%	22.2%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12263-Retail Manager	Total	90	2.2%	68.9%	11.1%	48.9%	1.1%	3.3%	6.7%	26.7%	11.1%	7.8%	7.8%	2.2%	1.1%	1.1%	14.4%	5.6%	3.3%
	NZWS	61	3.3%	65.6%	13.1%	50.8%	0.0%	4.9%	3.3%	27.9%	14.8%	8.2%	9.8%	3.3%	0.0%	1.6%	14.8%	8.2%	1.6%
	Maori NZWS	29	0.0%	75.9%	6.9%	44.8%	3.4%	0.0%	13.8%	24.1%	3.4%	6.9%	3.4%	0.0%	3.4%	0.0%	13.8%	0.0%	6.9%
12264-Hotel or Motel Manager	Total	8	0.0%	87.5%	12.5%	25.0%	0.0%	0.0%	0.0%	37.5%	12.5%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%
	NZWS	5	0.0%	100.0%	20.0%	20.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12265-Restaurant or Tavern Manager	Total	13	0.0%	76.9%	30.8%	30.8%	15.4%	0.0%	0.0%	61.5%	7.7%	7.7%	15.4%	0.0%	0.0%	0.0%	53.8%	0.0%	15.4%
	NZWS	7	0.0%	85.7%	42.9%	28.6%	0.0%	0.0%	0.0%	57.1%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	57.1%	0.0%	0.0%
	Maori NZWS	6	0.0%	66.7%	16.7%	33.3%	33.3%	0.0%	0.0%	66.7%	0.0%	16.7%	33.3%	0.0%	0.0%	0.0%	50.0%	0.0%	33.3%
12266-Other Lodging Services Manager	Total	5	0.0%	100.0%	0.0%	0.0%	0.0%	20.0%	0.0%	40.0%	20.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%	20.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12267-Other Catering Services Manager	Total	28	3.6%	67.9%	28.6%	32.1%	21.4%	0.0%	21.4%	46.4%	3.6%	10.7%	28.6%	3.6%	0.0%	0.0%	32.1%	0.0%	3.6%
	NZWS	4	0.0%	50.0%	25.0%	25.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%
	Maori NZWS	24	4.2%	70.8%	29.2%	33.3%	20.8%	0.0%	25.0%	50.0%	4.2%	12.5%	29.2%	4.2%	0.0%	0.0%	33.3%	0.0%	4.2%
12271-Information Technology Manager	Total	10	0.0%	10.0%	0.0%	100.0%	0.0%	0.0%	0.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	8	0.0%	12.5%	0.0%	100.0%	0.0%	0.0%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12281-Research and Development Manager	Total	7	0.0%	71.4%	14.3%	42.9%	0.0%	0.0%	14.3%	42.9%	28.6%	28.6%	14.3%	0.0%	14.3%	0.0%	28.6%	14.3%	14.3%
	NZWS	7	0.0%	71.4%	14.3%	42.9%	0.0%	0.0%	14.3%	42.9%	28.6%	28.6%	14.3%	0.0%	14.3%	0.0%	28.6%	14.3%	14.3%
	Maori NZWS	0																	
12282-Quality Assurance Manager	Total	13	0.0%	38.5%	15.4%	61.5%	7.7%	0.0%	7.7%	30.8%	7.7%	15.4%	7.7%	23.1%	7.7%	0.0%	23.1%	15.4%	0.0%
	NZWS	11	0.0%	45.5%	9.1%	63.6%	9.1%	0.0%	9.1%	27.3%	9.1%	9.1%	9.1%	18.2%	9.1%	0.0%	18.2%	18.2%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12291-Office Manager	Total	28	0.0%	51.9%	0.0%	55.6%	3.7%	0.0%	3.7%	10.7%	0.0%	3.6%	0.0%	3.6%	0.0%	0.0%	3.6%	3.6%	0.0%
	NZWS	13	0.0%	69.2%	0.0%	38.5%	7.7%	0.0%	0.0%	15.4%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%	7.7%	7.7%	0.0%
	Maori NZWS	15	0.0%	35.7%	0.0%	71.4%	0.0%	0.0%	7.1%	6.7%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
21111-Physicist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
21121-Meteorologist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
21131-Chemist (Other than Pharmacist)	Total	4	0.0%	25.0%	25.0%	75.0%	50.0%	0.0%	25.0%	100.0%	25.0%	25.0%	25.0%	100.0%	25.0%	0.0%	50.0%	25.0%	0.0%
	NZWS	4	0.0%	25.0%	25.0%	75.0%	50.0%	0.0%	25.0%	100.0%	25.0%	25.0%	25.0%	100.0%	25.0%	0.0%	50.0%	25.0%	0.0%
	Maori NZWS	0																	

21141-Geologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
21142-Geophysicist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
21211-Mathematician and/or Statistician	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
21311-Systems Analyst	Total	23	0.0%	39.1%	4.3%	82.6%	0.0%	0.0%	0.0%	4.3%	4.3%	4.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%
	NZWS	13	0.0%	46.2%	0.0%	84.6%	0.0%	0.0%	0.0%	7.7%	7.7%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%
	Maori NZWS	10	0.0%	30.0%	10.0%	80.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
21312-Computer Applications Engineer	Total	36	2.8%	50.0%	0.0%	69.4%	0.0%	0.0%	0.0%	16.7%	2.8%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%	8.3%
	NZWS	26	3.8%	50.0%	0.0%	61.5%	0.0%	0.0%	0.0%	11.5%	3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%
	Maori NZWS	10	0.0%	50.0%	0.0%	90.0%	0.0%	0.0%	0.0%	30.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	10.0%
21313-Systems Manager	Total	13	0.0%	38.5%	0.0%	76.9%	0.0%	0.0%	7.7%	7.7%	0.0%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%
	NZWS	11	0.0%	36.4%	0.0%	81.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21411-Architect	Total	8	0.0%	100.0%	0.0%	25.0%	0.0%	37.5%	0.0%	50.0%	0.0%	37.5%	12.5%	12.5%	0.0%	0.0%	0.0%	12.5%	37.5%
	NZWS	8	0.0%	100.0%	0.0%	25.0%	0.0%	37.5%	0.0%	50.0%	0.0%	37.5%	12.5%	12.5%	0.0%	0.0%	0.0%	12.5%	37.5%
	Maori NZWS	0																	
21412-Resource Management Planner	Total	7	0.0%	57.1%	0.0%	71.4%	0.0%	14.3%	0.0%	14.3%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%
	NZWS	7	0.0%	57.1%	0.0%	71.4%	0.0%	14.3%	0.0%	14.3%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%
	Maori NZWS	0																	
21413-Landscape Architect	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21421-Roading Engineer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
21422-Water Resources Engineer	Total	5	0.0%	60.0%	0.0%	0.0%	20.0%	20.0%	20.0%	100.0%	60.0%	80.0%	20.0%	40.0%	40.0%	0.0%	80.0%	60.0%	20.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21423-Public Health Engineer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
21425-Structural Engineer	Total	6	0.0%	66.7%	0.0%	33.3%	0.0%	0.0%	16.7%	66.7%	33.3%	50.0%	50.0%	0.0%	16.7%	0.0%	16.7%	16.7%	50.0%
	NZWS	6	0.0%	66.7%	0.0%	33.3%	0.0%	0.0%	16.7%	66.7%	33.3%	50.0%	50.0%	0.0%	16.7%	0.0%	16.7%	16.7%	50.0%
	Maori NZWS	0																	
21426-Other Civil Engineer	Total	9	0.0%	22.2%	0.0%	88.9%	0.0%	22.2%	0.0%	77.8%	11.1%	44.4%	33.3%	0.0%	0.0%	0.0%	11.1%	44.4%	77.8%
	NZWS	8	0.0%	12.5%	0.0%	87.5%	0.0%	25.0%	0.0%	75.0%	12.5%	37.5%	37.5%	0.0%	0.0%	0.0%	0.0%	50.0%	75.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

21431-Electrical Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
21441-Electronic and Telecommunications Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
21451-Heating, Ventilation and Refrigeration Engineer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
21452-Naval Architect and/or Ships' Surveyor	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
21453-Aeronautical Engineer and/or Aircraft Surveyor	Total	10	0.0%	80.0%	10.0%	30.0%	0.0%	10.0%	30.0%	100.0%	80.0%	80.0%	50.0%	30.0%	40.0%	10.0%	60.0%	70.0%	30.0%	
	NZWS	6	0.0%	66.7%	0.0%	50.0%	0.0%	16.7%	16.7%	100.0%	83.3%	83.3%	66.7%	33.3%	33.3%	0.0%	50.0%	83.3%	0.0%	
	Maori NZWS	4	0.0%	100.0%	25.0%	0.0%	0.0%	0.0%	50.0%	100.0%	75.0%	75.0%	25.0%	25.0%	50.0%	25.0%	75.0%	50.0%	75.0%	
21454-Agricultural Engineer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
21455-Other Mechanical Engineer	Total	14	0.0%	50.0%	35.7%	42.9%	7.1%	0.0%	7.1%	78.6%	71.4%	57.1%	35.7%	14.3%	21.4%	7.1%	57.1%	50.0%	35.7%	
	NZWS	10	0.0%	50.0%	40.0%	30.0%	0.0%	0.0%	0.0%	90.0%	80.0%	60.0%	50.0%	20.0%	10.0%	0.0%	80.0%	60.0%	40.0%	
	Maori NZWS	4	0.0%	50.0%	25.0%	75.0%	25.0%	0.0%	25.0%	50.0%	50.0%	50.0%	0.0%	0.0%	50.0%	25.0%	0.0%	25.0%	25.0%	
21461-Chemical Engineer	Total	4	0.0%	50.0%	0.0%	25.0%	25.0%	25.0%	25.0%	100.0%	50.0%	100.0%	50.0%	25.0%	0.0%	0.0%	50.0%	75.0%	25.0%	
	NZWS	4	0.0%	50.0%	0.0%	25.0%	25.0%	25.0%	25.0%	100.0%	50.0%	100.0%	50.0%	25.0%	0.0%	0.0%	50.0%	75.0%	25.0%	
	Maori NZWS	0																		
21471-Metallurgist	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
21472-Mining Engineer	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
21481-Surveyor	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0																		
21483-Cartographer and Photogrammetrist	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
22111-Biologist	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
22112-Botanist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0																		

22113-Zoologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22114-Agronomist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22115-Horticultural Scientist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
22116-Forestry Scientist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22117-Environmental Scientist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22121-Biochemist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
22122-Microbiologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22123-Medical Pathologist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22131-Soil Scientist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22132-Agricultural Consultant	Total	6	0.0%	66.7%	0.0%	50.0%	0.0%	0.0%	0.0%	33.3%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	0.0%	80.0%	0.0%	40.0%	0.0%	0.0%	0.0%	40.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
22133-Conservation Officer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
22134-Horticultural Consultant	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
22135-Land Management Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22211-General Practitioner	Total	8	0.0%	75.0%	0.0%	62.5%	0.0%	0.0%	0.0%	100.0%	12.5%	12.5%	25.0%	12.5%	0.0%	0.0%	100.0%	0.0%	12.5%
	NZWS	7	0.0%	71.4%	0.0%	57.1%	0.0%	0.0%	0.0%	100.0%	14.3%	14.3%	28.6%	14.3%	0.0%	0.0%	100.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

22212-Resident Medical Officer	Total	10	0.0%	10.0%	10.0%	100.0%	0.0%	0.0%	0.0%	90.0%	10.0%	10.0%	50.0%	30.0%	0.0%	0.0%	90.0%	0.0%	10.0%
	NZWS	9	0.0%	11.1%	11.1%	100.0%	0.0%	0.0%	0.0%	100.0%	11.1%	11.1%	55.6%	33.3%	0.0%	0.0%	100.0%	0.0%	11.1%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22213-Surgeon	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22214-Physician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22215-Gynaecologist and Obstetrician	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
22216-Radiologist, Radiation Oncologist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22217-Anaesthetist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22221-Dentist and Dental Surgeon	Total	4	0.0%	75.0%	0.0%	75.0%	50.0%	0.0%	0.0%	100.0%	100.0%	0.0%	50.0%	75.0%	0.0%	0.0%	100.0%	0.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22231-Veterinarian	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
22241-Hospital Pharmacist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
22242-Retail Pharmacist	Total	6	0.0%	16.7%	16.7%	83.3%	0.0%	0.0%	0.0%	33.3%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22251-Dietitian and Public Health Nutritionist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22261-Optometrist	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22311-Principal Nurse	Total	7	0.0%	57.1%	14.3%	57.1%	0.0%	0.0%	0.0%	71.4%	42.9%	14.3%	14.3%	28.6%	0.0%	0.0%	71.4%	0.0%	14.3%
	NZWS	6	0.0%	66.7%	16.7%	50.0%	0.0%	0.0%	0.0%	66.7%	33.3%	0.0%	16.7%	33.3%	0.0%	0.0%	66.7%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22312-Registered Nurse	Total	101	2.0%	46.5%	12.9%	63.4%	2.0%	0.0%	5.0%	81.8%	23.5%	11.2%	46.9%	39.8%	1.0%	0.0%	75.5%	1.0%	13.3%
	NZWS	59	1.7%	49.2%	16.9%	57.6%	1.7%	0.0%	3.4%	91.4%	34.5%	12.1%	58.6%	56.9%	0.0%	0.0%	84.5%	1.7%	6.9%
	Maori NZWS	42	2.4%	42.9%	7.1%	71.4%	2.4%	0.0%	7.1%	68.3%	7.5%	10.0%	30.0%	15.0%	2.5%	0.0%	62.5%	0.0%	22.5%

22313-Psychiatric Nurse	Total	9	0.0%	88.9%	11.1%	11.1%	0.0%	0.0%	11.1%	77.8%	11.1%	22.2%	44.4%	11.1%	0.0%	0.0%	77.8%	0.0%	11.1%
	NZWS	7	0.0%	100.0%	14.3%	14.3%	0.0%	0.0%	0.0%	85.7%	14.3%	28.6%	57.1%	14.3%	0.0%	0.0%	85.7%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22314-Plunket Nurse	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22315-Public Health and District Nurse	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22316-Occupational Health Nurse	Total	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22317-Midwife	Total	6	0.0%	50.0%	16.7%	50.0%	0.0%	0.0%	0.0%	83.3%	16.7%	16.7%	66.7%	16.7%	0.0%	0.0%	66.7%	0.0%	16.7%
	NZWS	4	0.0%	25.0%	25.0%	50.0%	0.0%	0.0%	0.0%	75.0%	0.0%	25.0%	75.0%	0.0%	0.0%	0.0%	50.0%	0.0%	25.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23111-University and Higher Education Lecturer and/or Tutor	Total	68	0.0%	76.1%	6.0%	41.8%	3.0%	3.0%	3.0%	16.4%	6.0%	6.0%	7.5%	3.0%	0.0%	0.0%	7.5%	1.5%	7.5%
	NZWS	43	0.0%	72.1%	4.7%	34.9%	0.0%	2.3%	4.7%	11.6%	4.7%	4.7%	4.7%	2.3%	0.0%	0.0%	4.7%	0.0%	2.3%
	Maori NZWS	25	0.0%	83.3%	8.3%	54.2%	8.3%	4.2%	0.0%	25.0%	8.3%	8.3%	12.5%	4.2%	0.0%	0.0%	12.5%	4.2%	16.7%
23211-Secondary School Teacher	Total	102	1.0%	88.2%	10.8%	21.6%	3.9%	0.0%	4.9%	14.7%	8.8%	2.0%	7.8%	0.0%	0.0%	0.0%	7.8%	0.0%	2.0%
	NZWS	62	0.0%	95.2%	9.7%	11.3%	6.5%	0.0%	1.6%	19.4%	12.9%	3.2%	12.9%	0.0%	0.0%	0.0%	11.3%	0.0%	0.0%
	Maori NZWS	40	2.5%	77.5%	12.5%	37.5%	0.0%	0.0%	10.0%	7.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	5.0%
23311-Primary School Teacher	Total	94	1.1%	95.7%	3.2%	13.8%	0.0%	2.1%	10.6%	10.6%	2.1%	0.0%	4.3%	0.0%	0.0%	0.0%	6.4%	1.1%	1.1%
	NZWS	62	1.6%	93.5%	4.8%	4.8%	0.0%	3.2%	4.8%	8.1%	1.6%	0.0%	3.2%	0.0%	0.0%	0.0%	6.5%	1.6%	0.0%
	Maori NZWS	32	0.0%	100.0%	0.0%	31.3%	0.0%	0.0%	21.9%	15.6%	3.1%	0.0%	6.3%	0.0%	0.0%	0.0%	6.3%	0.0%	3.1%
23321-Early Childhood Teacher	Total	32	3.1%	100.0%	15.6%	31.3%	6.3%	0.0%	9.4%	65.6%	0.0%	9.4%	3.1%	0.0%	0.0%	0.0%	62.5%	0.0%	0.0%
	NZWS	22	0.0%	100.0%	13.6%	13.6%	0.0%	0.0%	4.5%	59.1%	0.0%	4.5%	0.0%	0.0%	0.0%	0.0%	54.5%	0.0%	0.0%
	Maori NZWS	10	10.0%	100.0%	20.0%	70.0%	20.0%	0.0%	20.0%	80.0%	0.0%	20.0%	10.0%	0.0%	0.0%	0.0%	80.0%	0.0%	0.0%
23322-Kōhanga Reo Teacher	Total	18	0.0%	77.8%	11.1%	33.3%	0.0%	5.6%	5.6%	11.1%	0.0%	0.0%	5.6%	0.0%	0.0%	0.0%	5.6%	0.0%	0.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	17	0.0%	76.5%	11.8%	35.3%	0.0%	5.9%	5.9%	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%	0.0%	0.0%
23411-Special Education Teacher	Total	18	0.0%	94.4%	5.6%	11.1%	5.6%	0.0%	5.6%	16.7%	5.6%	0.0%	5.6%	0.0%	0.0%	0.0%	11.1%	0.0%	5.6%
	NZWS	13	0.0%	100.0%	0.0%	7.7%	0.0%	0.0%	7.7%	23.1%	7.7%	0.0%	7.7%	0.0%	0.0%	0.0%	15.4%	0.0%	7.7%
	Maori NZWS	5	0.0%	80.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
23412-Speech-Language Therapist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23413-Teacher of English to Speakers of Other Languages	Total	8	0.0%	100.0%	12.5%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	6	0.0%	100.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23511-Education Adviser	Total	6	0.0%	66.7%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

23521-Education Reviewer	Total	10	0.0%	60.0%	0.0%	70.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	40.0%	0.0%	80.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	5	0.0%	80.0%	0.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24111-Accountant	Total	44	0.0%	52.3%	9.1%	68.2%	0.0%	0.0%	2.3%	4.5%	0.0%	4.5%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%
	NZWS	33	0.0%	51.5%	6.1%	63.6%	0.0%	0.0%	3.0%	6.1%	0.0%	6.1%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%
	Maori NZWS	11	0.0%	54.5%	18.2%	81.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24113-Auditor	Total	7	0.0%	0.0%	0.0%	100.0%	16.7%	0.0%	0.0%	14.3%	14.3%	14.3%	14.3%	14.3%	14.3%	0.0%	14.3%	0.0%	14.3%
	NZWS	4	0.0%	0.0%	0.0%	100.0%	25.0%	0.0%	0.0%	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%	0.0%	25.0%	0.0%	25.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24121-Human Resources Officer	Total	22	0.0%	36.4%	0.0%	72.7%	0.0%	0.0%	0.0%	9.1%	9.1%	4.5%	4.5%	0.0%	0.0%	0.0%	0.0%	4.5%	4.5%
	NZWS	18	0.0%	38.9%	0.0%	72.2%	0.0%	0.0%	0.0%	11.1%	11.1%	5.6%	5.6%	0.0%	0.0%	0.0%	0.0%	5.6%	5.6%
	Maori NZWS	4	0.0%	25.0%	0.0%	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24122-Training and Development Officer	Total	18	0.0%	50.0%	11.1%	72.2%	0.0%	0.0%	5.6%	11.1%	5.6%	0.0%	5.6%	0.0%	0.0%	0.0%	5.6%	0.0%	5.6%
	NZWS	7	0.0%	71.4%	0.0%	71.4%	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%
	Maori NZWS	11	0.0%	36.4%	18.2%	72.7%	0.0%	0.0%	9.1%	9.1%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%
24131-Market Research Analyst	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24132-Public Relations Officer	Total	12	0.0%	58.3%	0.0%	66.7%	0.0%	0.0%	0.0%	16.7%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%
	NZWS	6	0.0%	83.3%	0.0%	33.3%	0.0%	0.0%	0.0%	16.7%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%
	Maori NZWS	6	0.0%	33.3%	0.0%	100.0%	0.0%	0.0%	0.0%	16.7%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24133-Financial Adviser	Total	16	0.0%	43.8%	0.0%	68.8%	0.0%	0.0%	6.3%	12.5%	6.3%	0.0%	0.0%	6.3%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	12	0.0%	50.0%	0.0%	75.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	4	0.0%	25.0%	0.0%	50.0%	0.0%	0.0%	25.0%	25.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24134-Fundraiser	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
24135-Management Consultant	Total	9	0.0%	77.8%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	0.0%	66.7%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24211-Barrister and Solicitor	Total	25	4.0%	40.0%	8.0%	64.0%	0.0%	0.0%	0.0%	4.0%	4.0%	4.0%	0.0%	0.0%	0.0%	0.0%	4.0%	4.0%	0.0%
	NZWS	17	5.9%	41.2%	5.9%	58.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	8	0.0%	37.5%	12.5%	75.0%	0.0%	0.0%	0.0%	12.5%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	12.5%	12.5%	0.0%
24221-Judge	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24231-Other Legal Professional	Total	5	0.0%	80.0%	0.0%	40.0%	0.0%	0.0%	0.0%	20.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	20.0%	0.0%	20.0%
	NZWS	0																	
	Maori NZWS	5	0.0%	80.0%	0.0%	40.0%	0.0%	0.0%	0.0%	20.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	20.0%	0.0%	20.0%
24311-Archivist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	

24312-Art Gallery and/or Museum Curator	Total	4	0.0%	75.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24321-Librarian	Total	26	3.8%	69.2%	11.5%	30.8%	0.0%	0.0%	7.7%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%
	NZWS	18	0.0%	61.1%	16.7%	38.9%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%
	Maori NZWS	8	12.5%	87.5%	0.0%	12.5%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
24322-Information Services Administrator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
24411-Economist	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
24421-Social Scientist	Total	16	0.0%	75.0%	0.0%	43.8%	0.0%	12.5%	6.3%	18.8%	0.0%	0.0%	6.3%	6.3%	0.0%	0.0%	12.5%	0.0%	6.3%	
	NZWS	8	0.0%	87.5%	0.0%	50.0%	0.0%	25.0%	12.5%	25.0%	0.0%	0.0%	12.5%	12.5%	0.0%	0.0%	12.5%	0.0%	12.5%	
	Maori NZWS	8	0.0%	62.5%	0.0%	37.5%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	
24422-Policy Analyst	Total	21	0.0%	42.9%	0.0%	71.4%	0.0%	0.0%	4.8%	23.8%	4.8%	14.3%	14.3%	4.8%	0.0%	0.0%	9.5%	4.8%	9.5%	
	NZWS	12	0.0%	50.0%	0.0%	83.3%	0.0%	0.0%	0.0%	16.7%	0.0%	8.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	
	Maori NZWS	9	0.0%	33.3%	0.0%	55.6%	0.0%	0.0%	11.1%	33.3%	11.1%	22.2%	11.1%	11.1%	0.0%	0.0%	22.2%	11.1%	11.1%	
24431-Philologist, Translator or Interpreter	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
24441-Psychologist	Total	10	0.0%	80.0%	10.0%	50.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	NZWS	8	0.0%	75.0%	12.5%	50.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24442-Psychotherapist	Total	4	0.0%	75.0%	25.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24451-Counsellor	Total	11	0.0%	72.7%	0.0%	54.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	NZWS	7	0.0%	85.7%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Maori NZWS	4	0.0%	50.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
24461-Diplomatic Official	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
24511-Minister of Religion	Total	6	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	
	NZWS	5	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31111-Physical Science Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0																		
31121-Quantity Surveyor	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	0																		

31122-Surveyor's Technician	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
31123-Clerk of Works	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
31124-Other Civil Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
31131-Electrical Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
31141-Telecommunications Technician	Total	4	25.0%	50.0%	25.0%	25.0%	0.0%	25.0%	0.0%	100.0%	100.0%	100.0%	50.0%	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31142-Computer Systems Technician	Total	13	0.0%	46.2%	15.4%	69.2%	0.0%	0.0%	15.4%	53.8%	23.1%	15.4%	7.7%	7.7%	7.7%	0.0%	7.7%	0.0%	15.4%	
	NZWS	8	0.0%	37.5%	12.5%	75.0%	0.0%	0.0%	12.5%	50.0%	25.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	
	Maori NZWS	5	0.0%	60.0%	20.0%	60.0%	0.0%	0.0%	20.0%	60.0%	20.0%	20.0%	0.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	
31143-Other Electronics Engineering Technician	Total	5	0.0%	0.0%	40.0%	80.0%	20.0%	20.0%	20.0%	100.0%	60.0%	60.0%	40.0%	20.0%	0.0%	0.0%	20.0%	40.0%	60.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31144-Avionics Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
31151-Mechanical Engineering Technician	Total	4	0.0%	25.0%	0.0%	25.0%	0.0%	50.0%	0.0%	100.0%	100.0%	75.0%	50.0%	50.0%	0.0%	0.0%	75.0%	25.0%	25.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31161-Chemical Engineering Technician	Total	5	0.0%	20.0%	20.0%	80.0%	40.0%	0.0%	0.0%	100.0%	80.0%	40.0%	80.0%	40.0%	20.0%	0.0%	100.0%	40.0%	0.0%	
	NZWS	4	0.0%	25.0%	25.0%	75.0%	50.0%	0.0%	0.0%	100.0%	75.0%	50.0%	75.0%	50.0%	25.0%	0.0%	100.0%	50.0%	0.0%	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31181-Draughting Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
31191-Other Engineering Technician	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																		
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31192-Non Destructive Testing Technician	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
31211-Computer Programmer	Total	6	0.0%	33.3%	0.0%	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	6	0.0%	33.3%	0.0%	66.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	0																		

31212-Computer Operator	Total	6	16.7%	0.0%	16.7%	66.7%	16.7%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	4	25.0%	0.0%	0.0%	50.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31213-Computer Support Technician	Total	7	0.0%	14.3%	0.0%	71.4%	0.0%	0.0%	14.3%	14.3%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%
	NZWS	5	0.0%	20.0%	0.0%	60.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31311-Photographer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
31312-Camera Operator	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
31313-Sound Recording Equipment Controller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
31321-Broadcasting Transmitting and Studio Equipment Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
31322-Radio Operator	Total	4	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	0																	
	Maori NZWS	4	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
31323-Cinema Projectionist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31331-Medical Radiation Technologist	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
31332-Other Medical Equipment Controller	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31333-Sonographer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31411-Ships' Engineer	Total	5	0.0%	40.0%	0.0%	40.0%	0.0%	20.0%	0.0%	80.0%	20.0%	80.0%	40.0%	20.0%	20.0%	0.0%	40.0%	20.0%	40.0%
	NZWS	4	0.0%	50.0%	0.0%	25.0%	0.0%	25.0%	0.0%	75.0%	0.0%	75.0%	50.0%	25.0%	25.0%	0.0%	25.0%	25.0%	50.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31421-Ships' Officer (Deck) Including Master	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31422-Launch Master	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

31423-Other Ships' Deck Officer and Pilot	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
31431-Aircraft Pilot and Flight Crew	Total	4	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	75.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	75.0%	25.0%
	NZWS	4	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	75.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	75.0%	25.0%
	Maori NZWS	0																	
31433-Flying Instructor	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
31434-Helicopter Pilot	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
31441-Air Traffic Controller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31511-Safety Inspector	Total	14	0.0%	21.4%	0.0%	78.6%	0.0%	0.0%	7.1%	92.9%	50.0%	71.4%	21.4%	7.1%	14.3%	7.1%	21.4%	35.7%	50.0%
	NZWS	9	0.0%	22.2%	0.0%	77.8%	0.0%	0.0%	11.1%	88.9%	33.3%	66.7%	33.3%	11.1%	11.1%	11.1%	22.2%	22.2%	22.2%
	Maori NZWS	5	0.0%	20.0%	0.0%	80.0%	0.0%	0.0%	0.0%	100.0%	80.0%	80.0%	0.0%	0.0%	20.0%	0.0%	20.0%	60.0%	100.0%
31512-Meat Inspector	Total	5	0.0%	20.0%	20.0%	60.0%	40.0%	0.0%	20.0%	80.0%	60.0%	60.0%	60.0%	0.0%	0.0%	0.0%	80.0%	80.0%	20.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31513-Noxious Weeds/Pest Inspector	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31514-Health Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31515-Agricultural Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
31516-Quality Inspector	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
32111-Life Science Technician	Total	10	0.0%	40.0%	10.0%	90.0%	10.0%	0.0%	0.0%	80.0%	60.0%	40.0%	60.0%	30.0%	0.0%	0.0%	60.0%	20.0%	20.0%
	NZWS	5	0.0%	60.0%	20.0%	80.0%	20.0%	0.0%	0.0%	100.0%	60.0%	40.0%	100.0%	60.0%	0.0%	0.0%	80.0%	20.0%	0.0%
	Maori NZWS	5	0.0%	20.0%	0.0%	100.0%	0.0%	0.0%	0.0%	60.0%	60.0%	40.0%	20.0%	0.0%	0.0%	0.0%	40.0%	20.0%	40.0%
32112-Medical Laboratory Technician	Total	9	0.0%	44.4%	0.0%	55.6%	33.3%	0.0%	0.0%	100.0%	44.4%	11.1%	77.8%	11.1%	11.1%	11.1%	100.0%	11.1%	22.2%
	NZWS	6	0.0%	33.3%	0.0%	66.7%	33.3%	0.0%	0.0%	100.0%	50.0%	0.0%	83.3%	16.7%	16.7%	16.7%	100.0%	16.7%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32121-Agricultural Technician	Total	4	25.0%	50.0%	0.0%	0.0%	25.0%	25.0%	0.0%	100.0%	25.0%	50.0%	25.0%	0.0%	25.0%	0.0%	75.0%	25.0%	25.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

32122-Forest Technician	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
32211-Dispensing Optician	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32221-Dental Therapist	Total	5	20.0%	100.0%	0.0%	0.0%	20.0%	0.0%	40.0%	100.0%	60.0%	0.0%	40.0%	80.0%	0.0%	0.0%	100.0%	0.0%	20.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32231-Physiotherapist	Total	11	0.0%	81.8%	0.0%	63.6%	0.0%	0.0%	18.2%	81.8%	9.1%	0.0%	36.4%	45.5%	0.0%	0.0%	72.7%	0.0%	9.1%
	NZWS	8	0.0%	75.0%	0.0%	50.0%	0.0%	0.0%	0.0%	87.5%	0.0%	0.0%	50.0%	37.5%	0.0%	0.0%	75.0%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32232-Occupational Therapist	Total	11	0.0%	72.7%	0.0%	54.5%	0.0%	0.0%	18.2%	36.4%	0.0%	0.0%	9.1%	9.1%	0.0%	0.0%	27.3%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	0.0%	75.0%	0.0%	62.5%	0.0%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
32233-Osteopath	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
32234-Orthotist and/or Prosthetist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32235-Podiatrist	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
32236-Chiropractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
32241-Veterinary Assistant	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32251-Hospital Dispensary Assistant	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
32252-Retail Dispensary Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
32261-Other Health Associate Professional	Total	12	0.0%	66.7%	0.0%	25.0%	0.0%	0.0%	8.3%	25.0%	16.7%	16.7%	8.3%	16.7%	0.0%	0.0%	25.0%	0.0%	8.3%
	NZWS	8	0.0%	87.5%	0.0%	12.5%	0.0%	0.0%	0.0%	12.5%	12.5%	0.0%	12.5%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
	Maori NZWS	4	0.0%	25.0%	0.0%	50.0%	0.0%	0.0%	25.0%	50.0%	25.0%	50.0%	0.0%	50.0%	0.0%	0.0%	50.0%	0.0%	25.0%
32262-Dental Technician	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

33171-Valuer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33181-Auctioneer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
33191-Stock and Station Agent	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
33211-Administration Officer	Total	52	1.9%	61.5%	3.8%	44.2%	0.0%	0.0%	7.7%	21.2%	5.8%	7.7%	7.7%	1.9%	1.9%	0.0%	13.5%	3.8%	7.7%
	NZWS	29	0.0%	58.6%	3.4%	51.7%	0.0%	0.0%	3.4%	17.2%	3.4%	3.4%	10.3%	0.0%	0.0%	0.0%	6.9%	3.4%	3.4%
	Maori NZWS	23	4.3%	65.2%	4.3%	34.8%	0.0%	0.0%	13.0%	26.1%	8.7%	13.0%	4.3%	4.3%	4.3%	0.0%	21.7%	4.3%	13.0%
33212-Conference/Function Organiser	Total	5	0.0%	80.0%	20.0%	20.0%	0.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33221-Legal Executive	Total	5	20.0%	60.0%	0.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	4	25.0%	50.0%	0.0%	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33222-Legal Clerk	Total	12	0.0%	33.3%	0.0%	83.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	40.0%	0.0%	80.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	7	0.0%	28.6%	0.0%	85.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
33231-Bookkeeper	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33241-Organisation and Methods Analyst	Total	4	25.0%	25.0%	0.0%	50.0%	0.0%	0.0%	0.0%	100.0%	25.0%	100.0%	25.0%	25.0%	0.0%	0.0%	25.0%	75.0%	75.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33242-Building Control/Consents Officer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33311-Customs Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33312-Quarantine and Agriculture Ports Officer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33313-Immigration Officer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33411-Social Worker	Total	89	2.2%	67.4%	1.1%	41.6%	1.1%	2.2%	7.9%	27.0%	2.2%	10.1%	14.6%	6.7%	0.0%	2.2%	23.6%	1.1%	4.5%
	NZWS	36	5.6%	66.7%	0.0%	36.1%	2.8%	2.8%	2.8%	25.0%	0.0%	8.3%	5.6%	0.0%	0.0%	2.8%	25.0%	0.0%	0.0%
	Maori NZWS	53	0.0%	67.9%	1.9%	45.3%	0.0%	1.9%	11.3%	28.3%	3.8%	11.3%	20.8%	11.3%	0.0%	1.9%	22.6%	1.9%	7.5%

32311-Enrolled Nurse	Total	5	0.0%	80.0%	40.0%	0.0%	20.0%	0.0%	0.0%	100.0%	20.0%	20.0%	80.0%	20.0%	0.0%	0.0%	80.0%	0.0%	20.0%
	NZWS	4	0.0%	75.0%	50.0%	0.0%	25.0%	0.0%	0.0%	100.0%	25.0%	25.0%	75.0%	25.0%	0.0%	0.0%	100.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32312-Karitane Nurse	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
33111-Financial Dealer and Broker	Total	4	0.0%	25.0%	0.0%	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	4	0.0%	25.0%	0.0%	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	0																	
33121-Insurance Representative	Total	15	0.0%	26.7%	0.0%	80.0%	6.7%	0.0%	0.0%	13.3%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	6.7%	0.0%	13.3%
	NZWS	11	0.0%	27.3%	0.0%	72.7%	9.1%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	9.1%
	Maori NZWS	4	0.0%	25.0%	0.0%	100.0%	0.0%	0.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
33131-Real Estate Agent/Property Consultant	Total	29	0.0%	51.7%	0.0%	48.3%	0.0%	6.9%	3.4%	3.4%	0.0%	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	21	0.0%	52.4%	0.0%	42.9%	0.0%	9.5%	4.8%	4.8%	0.0%	0.0%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	8	0.0%	50.0%	0.0%	62.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
33132-Property Developer	Total	6	0.0%	66.7%	0.0%	16.7%	0.0%	16.7%	16.7%	66.7%	16.7%	16.7%	33.3%	33.3%	0.0%	0.0%	33.3%	16.7%	16.7%
	NZWS	4	0.0%	75.0%	0.0%	25.0%	0.0%	25.0%	0.0%	75.0%	25.0%	25.0%	50.0%	25.0%	0.0%	0.0%	50.0%	25.0%	25.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33141-Travel Consultant	Total	13	7.7%	69.2%	7.7%	84.6%	7.7%	0.0%	23.1%	7.7%	7.7%	7.7%	0.0%	7.7%	7.7%	0.0%	7.7%	7.7%	0.0%
	NZWS	8	0.0%	50.0%	0.0%	75.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	5	20.0%	100.0%	20.0%	100.0%	20.0%	0.0%	40.0%	20.0%	20.0%	20.0%	0.0%	20.0%	20.0%	0.0%	20.0%	20.0%	0.0%
33151-Business Services Representative	Total	4	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33152-Technical Representative	Total	46	2.2%	23.9%	4.3%	78.3%	2.2%	2.2%	6.5%	15.2%	4.3%	4.3%	10.9%	0.0%	0.0%	0.0%	8.7%	4.3%	6.5%
	NZWS	32	3.1%	21.9%	6.3%	75.0%	0.0%	3.1%	9.4%	12.5%	3.1%	3.1%	9.4%	0.0%	0.0%	0.0%	9.4%	6.3%	3.1%
	Maori NZWS	14	0.0%	28.6%	0.0%	85.7%	7.1%	0.0%	0.0%	21.4%	7.1%	7.1%	14.3%	0.0%	0.0%	0.0%	7.1%	0.0%	14.3%
33153-Sales Representative	Total	68	1.5%	50.0%	4.4%	52.9%	1.5%	1.5%	8.8%	25.0%	8.8%	10.3%	5.9%	2.9%	1.5%	1.5%	5.9%	8.8%	10.3%
	NZWS	50	2.0%	54.0%	4.0%	48.0%	0.0%	2.0%	8.0%	24.0%	10.0%	8.0%	6.0%	4.0%	2.0%	2.0%	6.0%	10.0%	8.0%
	Maori NZWS	18	0.0%	38.9%	5.6%	66.7%	5.6%	0.0%	11.1%	27.8%	5.6%	16.7%	5.6%	0.0%	0.0%	0.0%	5.6%	5.6%	16.7%
33161-Wholesale and/or Retail Buyer	Total	5	0.0%	60.0%	20.0%	40.0%	0.0%	0.0%	0.0%	20.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%
	NZWS	5	0.0%	60.0%	20.0%	40.0%	0.0%	0.0%	0.0%	20.0%	20.0%	20.0%	20.0%	0.0%	0.0%	0.0%	20.0%	20.0%	0.0%
	Maori NZWS	0																	
33162-Livestock Buyer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33163-Purchasing Agent	Total	12	0.0%	41.7%	25.0%	50.0%	0.0%	0.0%	8.3%	54.5%	0.0%	27.3%	9.1%	9.1%	0.0%	0.0%	18.2%	18.2%	18.2%
	NZWS	6	0.0%	50.0%	33.3%	33.3%	0.0%	0.0%	0.0%	50.0%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%
	Maori NZWS	6	0.0%	33.3%	16.7%	66.7%	0.0%	0.0%	16.7%	60.0%	0.0%	40.0%	0.0%	20.0%	0.0%	0.0%	20.0%	40.0%	40.0%
33164-Wool Buyer/Merchant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

33412-Probation Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33413-Case Worker	Total	18	0.0%	27.8%	0.0%	94.4%	0.0%	0.0%	0.0%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%
	NZWS	8	0.0%	25.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	10	0.0%	30.0%	0.0%	90.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%
33421-Employment Programme Teaching Associate Professional	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33422-Teacher Aide	Total	55	0.0%	96.4%	7.3%	34.5%	1.8%	0.0%	5.5%	27.3%	3.6%	1.8%	7.3%	1.8%	0.0%	0.0%	20.0%	0.0%	1.8%
	NZWS	24	0.0%	100.0%	12.5%	25.0%	0.0%	0.0%	0.0%	25.0%	4.2%	0.0%	4.2%	4.2%	0.0%	0.0%	16.7%	0.0%	0.0%
	Maori NZWS	31	0.0%	93.5%	3.2%	41.9%	3.2%	0.0%	9.7%	29.0%	3.2%	3.2%	9.7%	0.0%	0.0%	0.0%	22.6%	0.0%	3.2%
33511-Careers, Transition, Employment Adviser	Total	7	0.0%	57.1%	14.3%	28.6%	0.0%	0.0%	28.6%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	0.0%	40.0%	20.0%	40.0%	0.0%	0.0%	40.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
33611-Author and Critic	Total	5	0.0%	80.0%	0.0%	40.0%	0.0%	20.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
	NZWS	4	0.0%	100.0%	0.0%	25.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33612-Reporter	Total	6	0.0%	50.0%	0.0%	66.7%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	40.0%	0.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33613-Editor	Total	4	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33614-Sub-Editor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33615-Copywriter	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
33621-Sculptor, Painter and Related Artist	Total	11	0.0%	90.9%	9.1%	0.0%	0.0%	18.2%	9.1%	72.7%	54.5%	9.1%	27.3%	36.4%	18.2%	0.0%	54.5%	36.4%	18.2%
	NZWS	7	0.0%	100.0%	14.3%	0.0%	0.0%	0.0%	14.3%	71.4%	57.1%	14.3%	28.6%	57.1%	14.3%	0.0%	57.1%	28.6%	0.0%
	Maori NZWS	4	0.0%	75.0%	0.0%	0.0%	0.0%	50.0%	0.0%	75.0%	50.0%	0.0%	25.0%	0.0%	25.0%	0.0%	50.0%	50.0%	50.0%
33631-Graphic Designer	Total	13	0.0%	76.9%	7.7%	38.5%	0.0%	0.0%	7.7%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%
	NZWS	8	0.0%	75.0%	12.5%	25.0%	0.0%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
	Maori NZWS	5	0.0%	80.0%	0.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
33632-Fashion Designer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33633-Display and Window Dresser	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

33634-Industrial Designer	Total	4	0.0%	75.0%	50.0%	50.0%	0.0%	0.0%	0.0%	50.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33635-Paste Up Artist	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
33636-Interior Designer	Total	4	0.0%	100.0%	25.0%	0.0%	0.0%	0.0%	0.0%	50.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	25.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33641-Composer, Arranger and/or Conductor	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
33642-Instrumentalist	Total	4	0.0%	50.0%	25.0%	50.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%
	NZWS	4	0.0%	50.0%	25.0%	50.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%
	Maori NZWS	0																		
33643-Singer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33644-Singing and Music Teacher	Total	5	0.0%	80.0%	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33651-Dancer	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
33652-Dancing Teacher and/or Choreographer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0																		
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33661-Actor	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33662-Artistic Director	Total	6	0.0%	50.0%	50.0%	66.7%	0.0%	0.0%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%
	NZWS	4	0.0%	50.0%	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33671-Radio and Television Presenter	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33681-Clown, Magician, Acrobat and Related Worker	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
33691-Professional Sportsperson	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		

33692-Sports Coach or Trainer	Total	20	0.0%	75.0%	25.0%	25.0%	10.0%	5.0%	10.0%	40.0%	5.0%	0.0%	0.0%	5.0%	0.0%	0.0%	10.0%	0.0%	25.0%
	NZWS	13	0.0%	76.9%	30.8%	23.1%	0.0%	7.7%	7.7%	46.2%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%	7.7%	0.0%	30.8%
	Maori NZWS	7	0.0%	71.4%	14.3%	28.6%	28.6%	0.0%	14.3%	28.6%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	14.3%
33693-Sports Official	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33711-Non-Ordained Religious Assistant	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
33811-Acclimatisation Field Officer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
33812-National Park Ranger	Total	6	0.0%	50.0%	0.0%	16.7%	0.0%	83.3%	16.7%	83.3%	66.7%	66.7%	66.7%	33.3%	16.7%	0.0%	66.7%	33.3%	50.0%
	NZWS	4	0.0%	50.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	75.0%	100.0%	100.0%	50.0%	25.0%	0.0%	75.0%	50.0%	50.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41111-Typist and Word Processor Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41121-Data Entry Operator	Total	13	0.0%	61.5%	0.0%	69.2%	0.0%	0.0%	7.7%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%	0.0%	0.0%
	NZWS	10	0.0%	50.0%	0.0%	70.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41141-Secretary	Total	69	2.9%	62.3%	4.3%	42.0%	1.4%	2.9%	4.3%	7.2%	1.4%	4.3%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	0.0%
	NZWS	54	3.7%	63.0%	5.6%	40.7%	0.0%	1.9%	1.9%	7.4%	1.9%	3.7%	0.0%	0.0%	0.0%	0.0%	5.6%	0.0%	0.0%
	Maori NZWS	15	0.0%	60.0%	0.0%	46.7%	6.7%	6.7%	13.3%	6.7%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
41211-Accounts Clerk	Total	36	0.0%	63.9%	0.0%	55.6%	0.0%	2.8%	2.8%	11.1%	5.6%	11.1%	0.0%	0.0%	0.0%	0.0%	2.8%	2.8%	0.0%
	NZWS	28	0.0%	64.3%	0.0%	50.0%	0.0%	3.6%	0.0%	10.7%	7.1%	10.7%	0.0%	0.0%	0.0%	0.0%	3.6%	3.6%	0.0%
	Maori NZWS	8	0.0%	62.5%	0.0%	75.0%	0.0%	0.0%	12.5%	12.5%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
41212-Audit Clerk	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
41213-Costing Clerk	Total	6	0.0%	50.0%	0.0%	50.0%	0.0%	33.3%	0.0%	33.3%	0.0%	16.7%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%
	NZWS	5	0.0%	60.0%	0.0%	40.0%	0.0%	40.0%	0.0%	40.0%	0.0%	20.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41221-Finance Clerk	Total	6	0.0%	50.0%	0.0%	83.3%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	40.0%	0.0%	100.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41222-Statistical Clerk	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
41223-Survey Interviewer	Total	5	0.0%	40.0%	0.0%	20.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	40.0%	0.0%	20.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	0																	

41445-Human Resources Clerk	Total	7	0.0%	42.9%	14.3%	57.1%	0.0%	0.0%	14.3%	28.6%	0.0%	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	
	NZWS	4	0.0%	25.0%	25.0%	50.0%	0.0%	0.0%	0.0%	25.0%	0.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42111-Cashier	Total	7	0.0%	57.1%	14.3%	42.9%	0.0%	0.0%	0.0%	42.9%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	14.3%	0.0%
	NZWS	7	0.0%	57.1%	14.3%	42.9%	0.0%	0.0%	0.0%	42.9%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	14.3%	0.0%
	Maori NZWS	0																		
42112-Checkout Operator	Total	16	0.0%	37.5%	0.0%	87.5%	0.0%	6.3%	0.0%	31.3%	0.0%	12.5%	0.0%	6.3%	0.0%	0.0%	0.0%	18.8%	0.0%	6.3%
	NZWS	5	0.0%	40.0%	0.0%	100.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	Maori NZWS	11	0.0%	36.4%	0.0%	81.8%	0.0%	9.1%	0.0%	36.4%	0.0%	18.2%	0.0%	9.1%	0.0%	0.0%	0.0%	18.2%	0.0%	9.1%
42113-Ticket-Seller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
42121-Bank Officer	Total	45	0.0%	13.3%	2.2%	100.0%	0.0%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	29	0.0%	10.3%	0.0%	100.0%	0.0%	0.0%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	16	0.0%	18.8%	6.3%	100.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
42131-Gaming Dealer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
42151-Bill and Debt Collector	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42211-Hotel and/or Motel Receptionist	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
42212-Patient Receptionist	Total	9	0.0%	33.3%	0.0%	66.7%	0.0%	0.0%	11.1%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%
	NZWS	8	0.0%	37.5%	0.0%	62.5%	0.0%	0.0%	12.5%	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42213-Information Clerk and Other Receptionist	Total	48	0.0%	46.8%	4.3%	70.2%	0.0%	0.0%	4.3%	8.3%	2.1%	6.3%	4.2%	2.1%	0.0%	0.0%	0.0%	0.0%	8.3%	2.1%
	NZWS	32	0.0%	43.8%	3.1%	68.8%	0.0%	0.0%	3.1%	6.3%	0.0%	3.1%	6.3%	0.0%	0.0%	0.0%	0.0%	0.0%	6.3%	0.0%
	Maori NZWS	16	0.0%	53.3%	6.7%	73.3%	0.0%	0.0%	6.7%	12.5%	6.3%	12.5%	0.0%	6.3%	0.0%	0.0%	0.0%	0.0%	12.5%	6.3%
42221-Telephone Switchboard Operator	Total	19	0.0%	36.8%	5.3%	73.7%	0.0%	0.0%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	7	0.0%	42.9%	14.3%	42.9%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	12	0.0%	33.3%	0.0%	91.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51111-Travel Attendant	Total	6	0.0%	0.0%	16.7%	83.3%	0.0%	0.0%	16.7%	83.3%	16.7%	33.3%	16.7%	0.0%	0.0%	0.0%	0.0%	33.3%	16.7%	33.3%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	0.0%	0.0%	75.0%	0.0%	0.0%	25.0%	75.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	25.0%	50.0%
51121-Tour and Travel Guide	Total	7	14.3%	57.1%	14.3%	57.1%	14.3%	28.6%	0.0%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.6%	0.0%	0.0%
	NZWS	4	0.0%	100.0%	25.0%	50.0%	25.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51122-Outdoor Recreation Guide	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		

41311-Stock Clerk	Total	33	0.0%	63.6%	18.2%	45.5%	0.0%	0.0%	9.1%	69.7%	18.2%	51.5%	27.3%	12.1%	3.0%	0.0%	12.1%	12.1%	27.3%
	NZWS	16	0.0%	68.8%	18.8%	31.3%	0.0%	0.0%	6.3%	75.0%	25.0%	62.5%	56.3%	18.8%	6.3%	0.0%	25.0%	12.5%	12.5%
	Maori NZWS	17	0.0%	58.8%	17.6%	58.8%	0.0%	0.0%	11.8%	64.7%	11.8%	41.2%	0.0%	5.9%	0.0%	0.0%	0.0%	11.8%	41.2%
41312-Dispatch and Receiving Clerk	Total	16	0.0%	68.8%	18.8%	37.5%	6.3%	0.0%	6.3%	56.3%	12.5%	37.5%	18.8%	6.3%	0.0%	0.0%	18.8%	12.5%	43.8%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	13	0.0%	69.2%	23.1%	38.5%	7.7%	0.0%	7.7%	53.8%	15.4%	46.2%	15.4%	7.7%	0.0%	0.0%	23.1%	7.7%	53.8%
41313-Weighing and Tally Clerk	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
41321-Material and Production Planning Clerk	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
41331-Transport Clerk	Total	6	0.0%	33.3%	0.0%	66.7%	0.0%	0.0%	16.7%	33.3%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	4	0.0%	25.0%	0.0%	75.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41411-Library Assistant	Total	5	0.0%	60.0%	20.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	NZWS	5	0.0%	60.0%	20.0%	60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Maori NZWS	0																	
41412-Record and Filing Clerk	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41421-Mail Sorting Clerk	Total	8	0.0%	50.0%	12.5%	62.5%	0.0%	0.0%	0.0%	37.5%	0.0%	25.0%	12.5%	0.0%	0.0%	0.0%	0.0%	12.5%	12.5%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	0.0%	50.0%	16.7%	66.7%	0.0%	0.0%	0.0%	33.3%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
41422-Mail Clerk	Total	5	0.0%	40.0%	0.0%	80.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	20.0%	20.0%	0.0%
	NZWS	4	0.0%	25.0%	0.0%	75.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41423-Postal Deliverer	Total	18	11.1%	66.7%	0.0%	55.6%	0.0%	22.2%	5.6%	66.7%	0.0%	27.8%	27.8%	0.0%	0.0%	0.0%	5.6%	0.0%	55.6%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	15	13.3%	66.7%	0.0%	60.0%	0.0%	13.3%	6.7%	60.0%	0.0%	33.3%	20.0%	0.0%	0.0%	0.0%	6.7%	0.0%	53.3%
41424-Mail Delivery Contractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
41432-Proof Reader	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
41443-General Clerk	Total	170	1.2%	60.6%	5.9%	52.9%	2.4%	4.1%	7.1%	16.5%	5.9%	7.6%	3.5%	2.4%	1.2%	0.6%	7.1%	4.1%	3.5%
	NZWS	102	2.0%	59.8%	6.9%	46.1%	1.0%	5.9%	4.9%	18.6%	7.8%	8.8%	3.9%	2.9%	2.0%	1.0%	8.8%	5.9%	2.0%
	Maori NZWS	68	0.0%	61.8%	4.4%	63.2%	4.4%	1.5%	10.3%	13.2%	2.9%	5.9%	2.9%	1.5%	0.0%	0.0%	4.4%	1.5%	5.9%
41444-Office Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	

51211-Housekeeper (Private Service)	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51212-Housekeeper (Not Private)	Total	16	0.0%	62.5%	6.3%	56.3%	0.0%	6.3%	6.3%	50.0%	0.0%	0.0%	25.0%	6.3%	6.3%	0.0%	37.5%	0.0%	6.3%
	NZWS	9	0.0%	66.7%	0.0%	44.4%	0.0%	11.1%	0.0%	55.6%	0.0%	0.0%	33.3%	11.1%	11.1%	0.0%	44.4%	0.0%	0.0%
	Maori NZWS	7	0.0%	57.1%	14.3%	71.4%	0.0%	0.0%	14.3%	42.9%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	28.6%	0.0%	14.3%
51221-Chef	Total	26	0.0%	57.7%	69.2%	19.2%	23.1%	3.8%	0.0%	76.9%	3.8%	53.8%	65.4%	7.7%	0.0%	0.0%	26.9%	0.0%	11.5%
	NZWS	18	0.0%	61.1%	77.8%	16.7%	11.1%	5.6%	0.0%	83.3%	5.6%	55.6%	77.8%	5.6%	0.0%	0.0%	27.8%	0.0%	0.0%
	Maori NZWS	8	0.0%	50.0%	50.0%	25.0%	50.0%	0.0%	0.0%	62.5%	0.0%	50.0%	37.5%	12.5%	0.0%	0.0%	25.0%	0.0%	37.5%
51222-Cook	Total	31	3.2%	71.0%	45.2%	25.8%	12.9%	0.0%	16.1%	80.6%	3.2%	25.8%	54.8%	3.2%	0.0%	0.0%	61.3%	0.0%	12.9%
	NZWS	15	0.0%	60.0%	60.0%	20.0%	0.0%	0.0%	13.3%	80.0%	6.7%	20.0%	46.7%	6.7%	0.0%	0.0%	80.0%	0.0%	6.7%
	Maori NZWS	16	6.3%	81.3%	31.3%	31.3%	25.0%	0.0%	18.8%	81.3%	0.0%	31.3%	62.5%	0.0%	0.0%	0.0%	43.8%	0.0%	18.8%
51231-Bartender	Total	13	7.7%	76.9%	15.4%	61.5%	15.4%	0.0%	7.7%	33.3%	0.0%	8.3%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%
	NZWS	4	0.0%	50.0%	0.0%	100.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
	Maori NZWS	9	11.1%	88.9%	22.2%	44.4%	22.2%	0.0%	11.1%	25.0%	0.0%	12.5%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%
51232-Wine Waiter	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
51233-Waiter	Total	15	0.0%	73.3%	33.3%	46.7%	20.0%	13.3%	6.7%	60.0%	0.0%	6.7%	33.3%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	NZWS	10	0.0%	70.0%	30.0%	30.0%	10.0%	20.0%	10.0%	50.0%	0.0%	0.0%	40.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%
	Maori NZWS	5	0.0%	80.0%	40.0%	80.0%	40.0%	0.0%	0.0%	80.0%	0.0%	20.0%	20.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%
51234-Catering Counter Assistant	Total	38	0.0%	57.9%	42.1%	42.1%	18.4%	0.0%	10.5%	63.2%	7.9%	21.1%	31.6%	13.2%	2.6%	0.0%	60.5%	0.0%	0.0%
	NZWS	16	0.0%	62.5%	81.3%	31.3%	12.5%	0.0%	0.0%	62.5%	6.3%	25.0%	56.3%	6.3%	6.3%	0.0%	56.3%	0.0%	0.0%
	Maori NZWS	22	0.0%	54.5%	13.6%	50.0%	22.7%	0.0%	18.2%	63.6%	9.1%	18.2%	13.6%	18.2%	0.0%	0.0%	63.6%	0.0%	0.0%
51235-Kitchenhand	Total	23	4.3%	73.9%	47.8%	17.4%	13.0%	0.0%	8.7%	82.6%	8.7%	21.7%	47.8%	0.0%	0.0%	0.0%	60.9%	0.0%	21.7%
	NZWS	14	0.0%	85.7%	64.3%	7.1%	7.1%	0.0%	7.1%	85.7%	7.1%	21.4%	57.1%	0.0%	0.0%	0.0%	78.6%	0.0%	7.1%
	Maori NZWS	9	11.1%	55.6%	22.2%	33.3%	22.2%	0.0%	11.1%	77.8%	11.1%	22.2%	33.3%	0.0%	0.0%	0.0%	33.3%	0.0%	44.4%
51236-Usher and Cloakroom Attendant	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
51311-Hospital Orderly	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51312-Health Assistant	Total	11	0.0%	90.9%	0.0%	36.4%	9.1%	0.0%	9.1%	63.6%	18.2%	36.4%	54.5%	27.3%	0.0%	0.0%	45.5%	0.0%	0.0%
	NZWS	9	0.0%	88.9%	0.0%	33.3%	0.0%	0.0%	0.0%	55.6%	11.1%	44.4%	44.4%	33.3%	0.0%	0.0%	33.3%	0.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51313-Ambulance Officer	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
51314-Nurse Aide	Total	17	5.9%	70.6%	5.9%	35.3%	0.0%	0.0%	11.8%	82.4%	23.5%	5.9%	52.9%	52.9%	0.0%	0.0%	70.6%	0.0%	0.0%
	NZWS	11	9.1%	81.8%	9.1%	27.3%	0.0%	0.0%	9.1%	81.8%	18.2%	9.1%	54.5%	63.6%	0.0%	0.0%	72.7%	0.0%	0.0%
	Maori NZWS	6	0.0%	50.0%	0.0%	50.0%	0.0%	0.0%	16.7%	83.3%	33.3%	0.0%	50.0%	33.3%	0.0%	0.0%	66.7%	0.0%	0.0%

52111-Sales Assistant	Total	168	4.2%	49.1%	8.4%	50.9%	1.2%	0.0%	8.4%	29.2%	6.0%	11.3%	8.9%	1.8%	0.0%	0.0%	14.9%	4.8%	4.8%
	NZWS	115	3.5%	54.8%	6.1%	47.8%	0.0%	0.0%	3.5%	26.1%	6.1%	7.0%	8.7%	2.6%	0.0%	0.0%	13.9%	4.3%	2.6%
	Maori NZWS	53	5.8%	36.5%	13.5%	57.7%	3.8%	0.0%	19.2%	35.8%	5.7%	20.8%	9.4%	0.0%	0.0%	0.0%	17.0%	5.7%	9.4%
52112-Demonstrator	Total	11	0.0%	27.3%	9.1%	72.7%	0.0%	0.0%	9.1%	27.3%	0.0%	9.1%	18.2%	0.0%	0.0%	0.0%	18.2%	0.0%	0.0%
	NZWS	10	0.0%	30.0%	10.0%	80.0%	0.0%	0.0%	0.0%	30.0%	0.0%	10.0%	20.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52113-Forecourt Attendant	Total	12	0.0%	50.0%	0.0%	41.7%	0.0%	16.7%	16.7%	83.3%	33.3%	25.0%	0.0%	8.3%	0.0%	0.0%	58.3%	0.0%	16.7%
	NZWS	5	0.0%	60.0%	0.0%	20.0%	0.0%	40.0%	0.0%	80.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	60.0%	0.0%	0.0%
	Maori NZWS	7	0.0%	42.9%	0.0%	57.1%	0.0%	0.0%	28.6%	85.7%	42.9%	28.6%	0.0%	0.0%	0.0%	0.0%	57.1%	0.0%	28.6%
52211-Street Vendor and Related Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
52311-Fashion and Other Model	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61111-Field Crop Grower and Related Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61112-Market Gardener and Related Worker	Total	6	16.7%	66.7%	16.7%	0.0%	0.0%	16.7%	16.7%	100.0%	0.0%	50.0%	33.3%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61121-Fruit Grower, Worker	Total	27	7.4%	48.1%	3.7%	7.4%	0.0%	33.3%	14.8%	66.7%	14.8%	22.2%	22.2%	7.4%	11.1%	0.0%	48.1%	18.5%	22.2%
	NZWS	11	0.0%	45.5%	0.0%	0.0%	0.0%	63.6%	0.0%	72.7%	18.2%	18.2%	27.3%	0.0%	27.3%	0.0%	63.6%	36.4%	18.2%
	Maori NZWS	16	12.5%	50.0%	6.3%	12.5%	0.0%	12.5%	25.0%	62.5%	12.5%	25.0%	18.8%	12.5%	0.0%	0.0%	37.5%	6.3%	25.0%
61122-Grape Grower and/or Wine Maker, Worker	Total	8	0.0%	37.5%	0.0%	25.0%	0.0%	37.5%	0.0%	62.5%	37.5%	37.5%	12.5%	25.0%	0.0%	0.0%	50.0%	12.5%	0.0%
	NZWS	6	0.0%	50.0%	0.0%	16.7%	0.0%	33.3%	0.0%	66.7%	33.3%	33.3%	16.7%	33.3%	0.0%	0.0%	50.0%	16.7%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61131-Nursery Grower, Nursery Worker	Total	16	6.3%	68.8%	18.8%	0.0%	6.3%	37.5%	0.0%	81.3%	12.5%	18.8%	12.5%	25.0%	6.3%	0.0%	68.8%	6.3%	25.0%
	NZWS	12	8.3%	66.7%	16.7%	0.0%	0.0%	33.3%	0.0%	91.7%	16.7%	25.0%	16.7%	25.0%	8.3%	0.0%	83.3%	8.3%	25.0%
	Maori NZWS	4	0.0%	75.0%	25.0%	0.0%	25.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	25.0%
61132-Landscape Gardener	Total	8	0.0%	12.5%	0.0%	12.5%	0.0%	75.0%	12.5%	87.5%	50.0%	75.0%	25.0%	37.5%	12.5%	0.0%	50.0%	75.0%	12.5%
	NZWS	6	0.0%	16.7%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	66.7%	83.3%	33.3%	33.3%	16.7%	0.0%	50.0%	83.3%	16.7%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61133-Grounds or Green Keeper	Total	10	20.0%	20.0%	10.0%	10.0%	0.0%	50.0%	10.0%	100.0%	50.0%	80.0%	30.0%	40.0%	20.0%	0.0%	50.0%	50.0%	20.0%
	NZWS	4	25.0%	25.0%	0.0%	0.0%	0.0%	50.0%	0.0%	100.0%	25.0%	75.0%	50.0%	50.0%	50.0%	0.0%	75.0%	75.0%	25.0%
	Maori NZWS	6	16.7%	16.7%	16.7%	16.7%	0.0%	50.0%	16.7%	100.0%	66.7%	83.3%	16.7%	33.3%	0.0%	0.0%	33.3%	33.3%	16.7%
61134-Gardener	Total	26	11.5%	15.4%	0.0%	0.0%	0.0%	57.7%	19.2%	96.2%	50.0%	61.5%	23.1%	15.4%	11.5%	3.8%	61.5%	61.5%	46.2%
	NZWS	15	6.7%	20.0%	0.0%	0.0%	0.0%	73.3%	0.0%	100.0%	60.0%	66.7%	33.3%	13.3%	20.0%	6.7%	73.3%	73.3%	46.7%
	Maori NZWS	11	18.2%	9.1%	0.0%	0.0%	0.0%	36.4%	45.5%	90.9%	36.4%	54.5%	9.1%	18.2%	0.0%	0.0%	45.5%	45.5%	45.5%
61211-Dairy Farmer, Dairy Farm Worker	Total	63	9.5%	34.9%	1.6%	3.2%	0.0%	60.3%	7.9%	90.5%	34.9%	54.0%	42.9%	15.9%	12.7%	0.0%	49.2%	41.3%	17.5%
	NZWS	46	4.3%	37.0%	2.2%	2.2%	0.0%	73.9%	0.0%	93.5%	32.6%	56.5%	50.0%	13.0%	15.2%	0.0%	52.2%	45.7%	10.9%
	Maori NZWS	17	23.5%	29.4%	0.0%	5.9%	0.0%	23.5%	29.4%	82.4%	41.2%	47.1%	23.5%	23.5%	5.9%	0.0%	41.2%	29.4%	35.3%

51316-Care Giver	Total	117	1.7%	88.0%	6.8%	29.1%	2.6%	0.0%	11.1%	69.2%	1.7%	14.5%	41.0%	12.8%	0.9%	0.0%	65.8%	0.9%	6.0%
	NZWS	39	2.6%	94.9%	7.7%	15.4%	0.0%	0.0%	7.7%	82.1%	2.6%	15.4%	51.3%	10.3%	0.0%	0.0%	76.9%	2.6%	2.6%
	Maori NZWS	78	1.3%	84.6%	6.4%	35.9%	3.8%	0.0%	12.8%	62.8%	1.3%	14.1%	35.9%	14.1%	1.3%	0.0%	60.3%	0.0%	7.7%
51411-Hairdresser	Total	17	0.0%	88.2%	0.0%	23.5%	0.0%	0.0%	5.9%	88.2%	0.0%	0.0%	52.9%	0.0%	0.0%	0.0%	82.4%	0.0%	0.0%
	NZWS	12	0.0%	83.3%	0.0%	25.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	66.7%	0.0%	0.0%	0.0%	91.7%	0.0%	0.0%
	Maori NZWS	5	0.0%	100.0%	0.0%	20.0%	0.0%	0.0%	20.0%	60.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	60.0%	0.0%	0.0%
51412-Beauty Therapist	Total	9	0.0%	77.8%	0.0%	22.2%	0.0%	0.0%	11.1%	44.4%	0.0%	0.0%	22.2%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%
	NZWS	4	0.0%	75.0%	0.0%	25.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%
	Maori NZWS	5	0.0%	80.0%	0.0%	20.0%	0.0%	0.0%	20.0%	40.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	40.0%	0.0%	0.0%
51413-Massage Therapist	Total	6	0.0%	66.7%	0.0%	66.7%	0.0%	0.0%	16.7%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.7%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	50.0%	0.0%	100.0%	0.0%	0.0%	25.0%	25.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%
51414-Weight Loss Consultant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
51421-Child Care Worker	Total	35	0.0%	77.1%	8.6%	31.4%	0.0%	2.9%	5.7%	34.3%	0.0%	2.9%	11.4%	2.9%	0.0%	0.0%	31.4%	0.0%	0.0%
	NZWS	17	0.0%	88.2%	11.8%	11.8%	0.0%	5.9%	0.0%	29.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	29.4%	0.0%	0.0%
	Maori NZWS	18	0.0%	66.7%	5.6%	50.0%	0.0%	0.0%	11.1%	38.9%	0.0%	5.6%	22.2%	5.6%	0.0%	0.0%	33.3%	0.0%	0.0%
51431-Funeral Director	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51511-Fire Fighter	Total	13	7.7%	69.2%	46.2%	46.2%	23.1%	15.4%	30.8%	100.0%	76.9%	84.6%	61.5%	23.1%	15.4%	61.5%	92.3%	69.2%	84.6%
	NZWS	7	0.0%	85.7%	42.9%	14.3%	0.0%	0.0%	14.3%	100.0%	71.4%	85.7%	85.7%	14.3%	14.3%	85.7%	100.0%	71.4%	85.7%
	Maori NZWS	6	16.7%	50.0%	50.0%	83.3%	50.0%	33.3%	50.0%	100.0%	83.3%	83.3%	33.3%	33.3%	16.7%	33.3%	83.3%	66.7%	83.3%
51521-Detective	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
51522-Police Officer	Total	16	12.5%	25.0%	6.3%	81.3%	0.0%	6.3%	12.5%	62.5%	12.5%	25.0%	37.5%	6.3%	0.0%	0.0%	25.0%	0.0%	31.3%
	NZWS	12	8.3%	25.0%	8.3%	91.7%	0.0%	8.3%	0.0%	58.3%	16.7%	25.0%	50.0%	0.0%	0.0%	0.0%	25.0%	0.0%	16.7%
	Maori NZWS	4	25.0%	25.0%	0.0%	50.0%	0.0%	0.0%	50.0%	75.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	75.0%
51531-Prison Officer	Total	12	0.0%	33.3%	0.0%	83.3%	0.0%	8.3%	8.3%	45.5%	0.0%	9.1%	9.1%	0.0%	0.0%	0.0%	18.2%	0.0%	36.4%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	10	0.0%	30.0%	0.0%	80.0%	0.0%	10.0%	10.0%	44.4%	0.0%	0.0%	11.1%	0.0%	0.0%	0.0%	11.1%	0.0%	33.3%
51541-Private Investigator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
51542-Security Officer	Total	25	0.0%	32.0%	12.0%	60.0%	0.0%	12.0%	12.0%	52.0%	8.0%	32.0%	8.0%	0.0%	0.0%	0.0%	12.0%	8.0%	28.0%
	NZWS	6	0.0%	16.7%	0.0%	100.0%	0.0%	0.0%	0.0%	66.7%	16.7%	33.3%	33.3%	0.0%	0.0%	0.0%	16.7%	16.7%	33.3%
	Maori NZWS	19	0.0%	36.8%	15.8%	47.4%	0.0%	15.8%	15.8%	47.4%	5.3%	31.6%	0.0%	0.0%	0.0%	0.0%	10.5%	5.3%	26.3%
51551-Armed Forces	Total	12	0.0%	75.0%	8.3%	16.7%	0.0%	0.0%	0.0%	91.7%	50.0%	83.3%	25.0%	25.0%	8.3%	0.0%	33.3%	58.3%	41.7%
	NZWS	6	0.0%	66.7%	0.0%	33.3%	0.0%	0.0%	0.0%	83.3%	50.0%	66.7%	33.3%	33.3%	0.0%	0.0%	33.3%	50.0%	33.3%
	Maori NZWS	6	0.0%	83.3%	16.7%	0.0%	0.0%	0.0%	0.0%	100.0%	50.0%	100.0%	16.7%	16.7%	16.7%	0.0%	33.3%	66.7%	50.0%

52111-Sales Assistant	Total	168	4.2%	49.1%	8.4%	50.9%	1.2%	0.0%	8.4%	29.2%	6.0%	11.3%	8.9%	1.8%	0.0%	0.0%	14.9%	4.8%	4.8%
	NZWS	115	3.5%	54.8%	6.1%	47.8%	0.0%	0.0%	3.5%	26.1%	6.1%	7.0%	8.7%	2.6%	0.0%	0.0%	13.9%	4.3%	2.6%
	Maori NZWS	53	5.8%	36.5%	13.5%	57.7%	3.8%	0.0%	19.2%	35.8%	5.7%	20.8%	9.4%	0.0%	0.0%	0.0%	17.0%	5.7%	9.4%
52112-Demonstrator	Total	11	0.0%	27.3%	9.1%	72.7%	0.0%	0.0%	9.1%	27.3%	0.0%	9.1%	18.2%	0.0%	0.0%	0.0%	18.2%	0.0%	0.0%
	NZWS	10	0.0%	30.0%	10.0%	80.0%	0.0%	0.0%	0.0%	30.0%	0.0%	10.0%	20.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52113-Forecourt Attendant	Total	12	0.0%	50.0%	0.0%	41.7%	0.0%	16.7%	16.7%	83.3%	33.3%	25.0%	0.0%	8.3%	0.0%	0.0%	58.3%	0.0%	16.7%
	NZWS	5	0.0%	60.0%	0.0%	20.0%	0.0%	40.0%	0.0%	80.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	60.0%	0.0%	0.0%
	Maori NZWS	7	0.0%	42.9%	0.0%	57.1%	0.0%	0.0%	28.6%	85.7%	42.9%	28.6%	0.0%	0.0%	0.0%	0.0%	57.1%	0.0%	28.6%
52211-Street Vendor and Related Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
52311-Fashion and Other Model	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61111-Field Crop Grower and Related Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61112-Market Gardener and Related Worker	Total	6	16.7%	66.7%	16.7%	0.0%	0.0%	16.7%	16.7%	100.0%	0.0%	50.0%	33.3%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61121-Fruit Grower, Worker	Total	27	7.4%	48.1%	3.7%	7.4%	0.0%	33.3%	14.8%	66.7%	14.8%	22.2%	22.2%	7.4%	11.1%	0.0%	48.1%	18.5%	22.2%
	NZWS	11	0.0%	45.5%	0.0%	0.0%	0.0%	63.6%	0.0%	72.7%	18.2%	18.2%	27.3%	0.0%	27.3%	0.0%	63.6%	36.4%	18.2%
	Maori NZWS	16	12.5%	50.0%	6.3%	12.5%	0.0%	12.5%	25.0%	62.5%	12.5%	25.0%	18.8%	12.5%	0.0%	0.0%	37.5%	6.3%	25.0%
61122-Grape Grower and/or Wine Maker, Worker	Total	8	0.0%	37.5%	0.0%	25.0%	0.0%	37.5%	0.0%	62.5%	37.5%	37.5%	12.5%	25.0%	0.0%	0.0%	50.0%	12.5%	0.0%
	NZWS	6	0.0%	50.0%	0.0%	16.7%	0.0%	33.3%	0.0%	66.7%	33.3%	33.3%	16.7%	33.3%	0.0%	0.0%	50.0%	16.7%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61131-Nursery Grower, Nursery Worker	Total	16	6.3%	68.8%	18.8%	0.0%	6.3%	37.5%	0.0%	81.3%	12.5%	18.8%	12.5%	25.0%	6.3%	0.0%	68.8%	6.3%	25.0%
	NZWS	12	8.3%	66.7%	16.7%	0.0%	0.0%	33.3%	0.0%	91.7%	16.7%	25.0%	16.7%	25.0%	8.3%	0.0%	83.3%	8.3%	25.0%
	Maori NZWS	4	0.0%	75.0%	25.0%	0.0%	25.0%	50.0%	0.0%	50.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	25.0%	0.0%	25.0%
61132-Landscape Gardener	Total	8	0.0%	12.5%	0.0%	12.5%	0.0%	75.0%	12.5%	87.5%	50.0%	75.0%	25.0%	37.5%	12.5%	0.0%	50.0%	75.0%	12.5%
	NZWS	6	0.0%	16.7%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	66.7%	83.3%	33.3%	33.3%	16.7%	0.0%	50.0%	83.3%	16.7%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61133-Grounds or Green Keeper	Total	10	20.0%	20.0%	10.0%	10.0%	0.0%	50.0%	10.0%	100.0%	50.0%	80.0%	30.0%	40.0%	20.0%	0.0%	50.0%	50.0%	20.0%
	NZWS	4	25.0%	25.0%	0.0%	0.0%	0.0%	50.0%	0.0%	100.0%	25.0%	75.0%	50.0%	50.0%	50.0%	0.0%	75.0%	75.0%	25.0%
	Maori NZWS	6	16.7%	16.7%	16.7%	16.7%	0.0%	50.0%	16.7%	100.0%	66.7%	83.3%	16.7%	33.3%	0.0%	0.0%	33.3%	33.3%	16.7%
61134-Gardener	Total	26	11.5%	15.4%	0.0%	0.0%	0.0%	57.7%	19.2%	96.2%	50.0%	61.5%	23.1%	15.4%	11.5%	3.8%	61.5%	61.5%	46.2%
	NZWS	15	6.7%	20.0%	0.0%	0.0%	0.0%	73.3%	0.0%	100.0%	60.0%	66.7%	33.3%	13.3%	20.0%	6.7%	73.3%	73.3%	46.7%
	Maori NZWS	11	18.2%	9.1%	0.0%	0.0%	0.0%	36.4%	45.5%	90.9%	36.4%	54.5%	9.1%	18.2%	0.0%	0.0%	45.5%	45.5%	45.5%
61211-Dairy Farmer, Dairy Farm Worker	Total	63	9.5%	34.9%	1.6%	3.2%	0.0%	60.3%	7.9%	90.5%	34.9%	54.0%	42.9%	15.9%	12.7%	0.0%	49.2%	41.3%	17.5%
	NZWS	46	4.3%	37.0%	2.2%	2.2%	0.0%	73.9%	0.0%	93.5%	32.6%	56.5%	50.0%	13.0%	15.2%	0.0%	52.2%	45.7%	10.9%
	Maori NZWS	17	23.5%	29.4%	0.0%	5.9%	0.0%	23.5%	29.4%	82.4%	41.2%	47.1%	23.5%	23.5%	5.9%	0.0%	41.2%	29.4%	35.3%

61212-Sheep Farmer, Sheep Farm Worker	Total	26	0.0%	19.2%	3.8%	3.8%	0.0%	92.3%	0.0%	96.2%	38.5%	50.0%	34.6%	23.1%	11.5%	0.0%	38.5%	53.8%	11.5%
	NZWS	26	0.0%	19.2%	3.8%	3.8%	0.0%	92.3%	0.0%	96.2%	38.5%	50.0%	34.6%	23.1%	11.5%	0.0%	38.5%	53.8%	11.5%
	Maori NZWS	0																	
61213-Cattle Farmer, Cattle Farm Worker	Total	9	0.0%	33.3%	11.1%	0.0%	0.0%	66.7%	0.0%	100.0%	44.4%	77.8%	33.3%	55.6%	33.3%	0.0%	33.3%	77.8%	22.2%
	NZWS	8	0.0%	25.0%	12.5%	0.0%	0.0%	75.0%	0.0%	100.0%	50.0%	87.5%	37.5%	50.0%	25.0%	0.0%	37.5%	75.0%	25.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61214-Pig Farmer, Pig Farm Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
61215-Goat Farmer, Goat Farm Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61216-Deer Farmer, Deer Farm Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61217-Stud Race-Horse Breeder, Stud Worker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61218-Other Livestock Farmer, Other Livestock Farm Worker	Total	4	25.0%	25.0%	0.0%	0.0%	0.0%	50.0%	25.0%	75.0%	0.0%	75.0%	25.0%	25.0%	0.0%	0.0%	25.0%	0.0%	0.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61221-Mixed Livestock Farmer, Mixed Livestock Farm Worker	Total	17	12.5%	25.0%	6.3%	12.5%	0.0%	50.0%	18.8%	94.1%	25.0%	62.5%	37.5%	25.0%	0.0%	0.0%	31.3%	43.8%	25.0%
	NZWS	7	14.3%	42.9%	0.0%	14.3%	0.0%	71.4%	0.0%	100.0%	42.9%	57.1%	57.1%	28.6%	0.0%	0.0%	57.1%	85.7%	14.3%
	Maori NZWS	10	11.1%	11.1%	11.1%	11.1%	0.0%	33.3%	33.3%	90.0%	11.1%	66.7%	22.2%	22.2%	0.0%	0.0%	11.1%	11.1%	33.3%
61231-Poultry Farmer and Poultry Farm Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61241-Apiarist and Apiary Worker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61251-Crop and Livestock Farmer, Worker	Total	23	8.7%	21.7%	0.0%	8.7%	0.0%	69.6%	8.7%	87.0%	26.1%	43.5%	52.2%	21.7%	13.0%	0.0%	65.2%	43.5%	21.7%
	NZWS	17	5.9%	23.5%	0.0%	5.9%	0.0%	88.2%	0.0%	94.1%	29.4%	47.1%	64.7%	17.6%	5.9%	0.0%	64.7%	52.9%	23.5%
	Maori NZWS	6	16.7%	16.7%	0.0%	16.7%	0.0%	16.7%	33.3%	66.7%	16.7%	33.3%	16.7%	33.3%	33.3%	0.0%	66.7%	16.7%	16.7%
61261-Shepherd or Musterer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61262-Shearing Contractor/Shearer	Total	10	30.0%	60.0%	10.0%	0.0%	0.0%	20.0%	10.0%	50.0%	20.0%	40.0%	0.0%	10.0%	0.0%	0.0%	0.0%	20.0%	0.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	37.5%	50.0%	12.5%	0.0%	0.0%	12.5%	12.5%	37.5%	25.0%	37.5%	0.0%	12.5%	0.0%	0.0%	0.0%	12.5%	0.0%
61263-Wool Classer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

61264-Shearing Shed Hand	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61265-Horse Trainer, Groom or Stable Hand	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61267-Sampling Officer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61311-Logger	Total	13	15.4%	7.7%	0.0%	23.1%	0.0%	23.1%	38.5%	100.0%	46.2%	84.6%	7.7%	23.1%	0.0%	0.0%	30.8%	61.5%	53.8%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	12	16.7%	0.0%	0.0%	25.0%	0.0%	25.0%	41.7%	100.0%	41.7%	91.7%	8.3%	25.0%	0.0%	0.0%	33.3%	58.3%	58.3%
61312-Forest Hand	Total	5	20.0%	40.0%	0.0%	0.0%	0.0%	60.0%	20.0%	80.0%	20.0%	40.0%	20.0%	40.0%	0.0%	0.0%	20.0%	20.0%	20.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	25.0%	25.0%	0.0%	0.0%	0.0%	50.0%	25.0%	75.0%	25.0%	50.0%	0.0%	50.0%	0.0%	0.0%	25.0%	25.0%	0.0%
61313-Forestry Contractor	Total	6	16.7%	16.7%	0.0%	0.0%	0.0%	66.7%	0.0%	83.3%	50.0%	83.3%	50.0%	33.3%	16.7%	0.0%	66.7%	66.7%	83.3%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61411-Fishing Skipper, Fisherpersion	Total	7	14.3%	28.6%	0.0%	28.6%	0.0%	28.6%	14.3%	57.1%	0.0%	14.3%	57.1%	0.0%	0.0%	0.0%	42.9%	14.3%	14.3%
	NZWS	6	16.7%	33.3%	0.0%	33.3%	0.0%	16.7%	16.7%	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61413-Shell Fisher	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
61421-Fish Farmer, Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61422-Mussel and Oyster Farmer, Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61431-Hunter and Trapper	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
61441-Animal Welfare Worker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71111-Bricklayer and/or Blocklayer	Total	6	0.0%	33.3%	16.7%	0.0%	0.0%	50.0%	16.7%	100.0%	50.0%	50.0%	16.7%	50.0%	0.0%	0.0%	16.7%	66.7%	0.0%
	NZWS	4	0.0%	50.0%	25.0%	0.0%	0.0%	50.0%	0.0%	100.0%	50.0%	50.0%	25.0%	75.0%	0.0%	0.0%	0.0%	75.0%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71112-Stonemason	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

71121-Carpenter and/or Joiner	Total	30	6.7%	66.7%	10.0%	10.0%	0.0%	20.0%	6.7%	83.3%	76.7%	66.7%	16.7%	63.3%	13.3%	0.0%	43.3%	63.3%	10.0%
	NZWS	20	5.0%	75.0%	10.0%	10.0%	0.0%	20.0%	0.0%	90.0%	85.0%	70.0%	25.0%	65.0%	10.0%	0.0%	45.0%	80.0%	5.0%
	Maori NZWS	10	10.0%	50.0%	10.0%	10.0%	0.0%	20.0%	20.0%	70.0%	60.0%	60.0%	0.0%	60.0%	20.0%	0.0%	40.0%	30.0%	20.0%
71122-Builder (Including Contractor)	Total	59	11.9%	47.5%	8.5%	3.4%	0.0%	44.1%	13.6%	96.6%	81.4%	72.9%	28.8%	67.8%	32.2%	3.4%	33.9%	84.7%	32.2%
	NZWS	38	5.3%	52.6%	7.9%	0.0%	0.0%	63.2%	0.0%	100.0%	86.8%	65.8%	34.2%	68.4%	23.7%	0.0%	31.6%	89.5%	31.6%
	Maori NZWS	21	23.8%	38.1%	9.5%	9.5%	0.0%	9.5%	38.1%	90.5%	71.4%	85.7%	19.0%	66.7%	47.6%	9.5%	38.1%	76.2%	33.3%
71123-Boatbuilder	Total	5	0.0%	60.0%	80.0%	40.0%	0.0%	0.0%	0.0%	100.0%	60.0%	20.0%	20.0%	60.0%	60.0%	20.0%	60.0%	80.0%	0.0%
	NZWS	5	0.0%	60.0%	80.0%	40.0%	0.0%	0.0%	0.0%	100.0%	60.0%	20.0%	20.0%	60.0%	60.0%	20.0%	60.0%	80.0%	0.0%
	Maori NZWS	0																	
71211-Plasterer	Total	12	8.3%	75.0%	0.0%	0.0%	0.0%	16.7%	25.0%	91.7%	16.7%	33.3%	16.7%	58.3%	8.3%	0.0%	16.7%	25.0%	25.0%
	NZWS	7	0.0%	85.7%	0.0%	0.0%	0.0%	28.6%	0.0%	100.0%	14.3%	42.9%	28.6%	71.4%	14.3%	0.0%	28.6%	28.6%	14.3%
	Maori NZWS	5	20.0%	60.0%	0.0%	0.0%	0.0%	0.0%	60.0%	80.0%	20.0%	20.0%	0.0%	40.0%	0.0%	0.0%	0.0%	20.0%	40.0%
71221-Glazier	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
71231-Plumber	Total	10	20.0%	40.0%	0.0%	10.0%	0.0%	30.0%	20.0%	90.0%	40.0%	60.0%	0.0%	50.0%	20.0%	0.0%	50.0%	60.0%	50.0%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	14.3%	42.9%	0.0%	14.3%	0.0%	28.6%	28.6%	85.7%	57.1%	71.4%	0.0%	42.9%	28.6%	0.0%	57.1%	42.9%	28.6%
71241-Painter, Decorator and/or Paperhanger	Total	36	5.6%	69.4%	8.3%	5.6%	0.0%	13.9%	13.9%	97.2%	36.1%	27.8%	36.1%	72.2%	41.7%	8.3%	33.3%	22.2%	22.2%
	NZWS	21	0.0%	61.9%	14.3%	0.0%	0.0%	19.0%	14.3%	100.0%	38.1%	33.3%	52.4%	76.2%	42.9%	9.5%	42.9%	38.1%	23.8%
	Maori NZWS	15	13.3%	80.0%	0.0%	13.3%	0.0%	6.7%	13.3%	93.3%	33.3%	20.0%	13.3%	66.7%	40.0%	6.7%	20.0%	0.0%	20.0%
71242-Spray Painter	Total	7	0.0%	57.1%	57.1%	0.0%	57.1%	0.0%	14.3%	100.0%	57.1%	57.1%	71.4%	71.4%	71.4%	42.9%	85.7%	85.7%	28.6%
	NZWS	5	0.0%	80.0%	80.0%	0.0%	40.0%	0.0%	20.0%	100.0%	60.0%	60.0%	80.0%	80.0%	100.0%	40.0%	100.0%	100.0%	20.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71243-Sign Writer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
71311-Electrician	Total	25	0.0%	68.0%	32.0%	20.0%	4.0%	4.0%	12.0%	96.0%	76.0%	68.0%	28.0%	52.0%	4.0%	8.0%	40.0%	60.0%	24.0%
	NZWS	15	0.0%	73.3%	40.0%	26.7%	0.0%	6.7%	0.0%	93.3%	86.7%	73.3%	46.7%	53.3%	6.7%	6.7%	46.7%	80.0%	26.7%
	Maori NZWS	10	0.0%	60.0%	20.0%	10.0%	10.0%	0.0%	30.0%	100.0%	60.0%	60.0%	0.0%	50.0%	0.0%	10.0%	30.0%	30.0%	20.0%
71312-Transport Electrician	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
71313-Appliance Electrician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72111-Metal Mould Maker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
72121-Coach Builder	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

72122-Sheet-Metal Worker	Total	10	0.0%	80.0%	50.0%	0.0%	0.0%	0.0%	20.0%	80.0%	60.0%	50.0%	30.0%	40.0%	40.0%	0.0%	30.0%	70.0%	10.0%
	NZWS	6	0.0%	66.7%	66.7%	0.0%	0.0%	0.0%	16.7%	83.3%	83.3%	50.0%	50.0%	16.7%	50.0%	0.0%	33.3%	83.3%	16.7%
	Maori NZWS	4	0.0%	100.0%	25.0%	0.0%	0.0%	0.0%	25.0%	75.0%	25.0%	50.0%	0.0%	75.0%	25.0%	0.0%	25.0%	50.0%	0.0%
72123-Boiler Maker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72124-Fitter and Welder	Total	17	0.0%	76.5%	52.9%	5.9%	0.0%	5.9%	5.9%	100.0%	94.1%	64.7%	64.7%	35.3%	17.6%	11.8%	58.8%	76.5%	35.3%
	NZWS	14	0.0%	71.4%	57.1%	7.1%	0.0%	7.1%	7.1%	100.0%	92.9%	64.3%	78.6%	28.6%	14.3%	7.1%	64.3%	78.6%	35.7%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72125-Panel Beater	Total	6	0.0%	100.0%	50.0%	0.0%	0.0%	0.0%	33.3%	100.0%	100.0%	100.0%	50.0%	66.7%	33.3%	16.7%	83.3%	100.0%	33.3%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72211-Blacksmith	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
72221-Pattern Maker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
72222-Tool and/or Die Maker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
72231-Fitter and Turner	Total	16	6.3%	62.5%	31.3%	12.5%	18.8%	12.5%	6.3%	93.8%	87.5%	75.0%	31.3%	56.3%	25.0%	6.3%	43.8%	81.3%	25.0%
	NZWS	11	9.1%	72.7%	27.3%	0.0%	27.3%	18.2%	0.0%	90.9%	90.9%	72.7%	45.5%	54.5%	18.2%	9.1%	45.5%	90.9%	18.2%
	Maori NZWS	5	0.0%	40.0%	40.0%	40.0%	0.0%	0.0%	20.0%	100.0%	80.0%	80.0%	0.0%	60.0%	40.0%	0.0%	40.0%	60.0%	40.0%
72241-Saw Doctor	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
72311-Machinery Mechanic	Total	26	3.8%	42.3%	26.9%	15.4%	3.8%	11.5%	23.1%	88.5%	69.2%	76.9%	34.6%	26.9%	15.4%	0.0%	38.5%	57.7%	26.9%
	NZWS	12	0.0%	58.3%	8.3%	16.7%	8.3%	25.0%	8.3%	91.7%	75.0%	83.3%	58.3%	25.0%	8.3%	0.0%	41.7%	66.7%	33.3%
	Maori NZWS	14	7.1%	28.6%	42.9%	14.3%	0.0%	0.0%	35.7%	85.7%	64.3%	71.4%	14.3%	28.6%	21.4%	0.0%	35.7%	50.0%	21.4%
72312-Motor Mechanic	Total	23	0.0%	78.3%	17.4%	4.3%	0.0%	8.7%	0.0%	95.7%	65.2%	78.3%	52.2%	39.1%	0.0%	0.0%	56.5%	52.2%	17.4%
	NZWS	17	0.0%	70.6%	23.5%	5.9%	0.0%	11.8%	0.0%	100.0%	76.5%	76.5%	64.7%	47.1%	0.0%	0.0%	64.7%	58.8%	17.6%
	Maori NZWS	6	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	83.3%	33.3%	83.3%	16.7%	16.7%	0.0%	0.0%	33.3%	33.3%	16.7%
72313-Aircraft Engine Mechanic	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
72314-Heating, Ventilation and Refrigeration Mechanic	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72315-Small Engine Mechanic	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	

72316-Mechanical Products Inspector and Tester	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
72411-Electrical Fitter	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
72412-Fire Alarm Technician	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72421-Electronics Serviceperson	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
72422-Avionics Mechanic	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
72431-Radio and Television Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73111-Industrial Precision Instrument Maker and Repairer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73112-Locksmith	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73113-Optical Instrument Maker, Repairer and Mechanic	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73115-Watchmaker and Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
73121-Musical Instrument Maker, Repairer and Tuner	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73131-Jeweller and Jewellery Repairer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
73132-Gem Cutter and Polisher	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73211-Glass Cutter and Beveller	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

73311-Graphic Pre-Press Tradesperson	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
73316-Screen Printer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73317-Printing Machinist	Total	12	8.3%	41.7%	33.3%	25.0%	0.0%	0.0%	25.0%	75.0%	25.0%	16.7%	0.0%	8.3%	25.0%	0.0%	66.7%	41.7%	25.0%
	NZWS	8	12.5%	37.5%	37.5%	12.5%	0.0%	0.0%	12.5%	75.0%	25.0%	12.5%	0.0%	12.5%	12.5%	0.0%	75.0%	37.5%	25.0%
	Maori NZWS	4	0.0%	50.0%	25.0%	50.0%	0.0%	0.0%	50.0%	75.0%	25.0%	25.0%	0.0%	0.0%	50.0%	0.0%	50.0%	50.0%	25.0%
73318-Desktop Publisher	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
73321-Bookbinder	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
73331-Photolithographer, Photo Engraver	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
74111-Butcher	Total	15	6.7%	26.7%	26.7%	80.0%	0.0%	0.0%	6.7%	100.0%	13.3%	60.0%	86.7%	13.3%	0.0%	0.0%	60.0%	6.7%	26.7%
	NZWS	8	12.5%	12.5%	37.5%	75.0%	0.0%	0.0%	0.0%	100.0%	12.5%	62.5%	75.0%	12.5%	0.0%	0.0%	75.0%	12.5%	12.5%
	Maori NZWS	7	0.0%	42.9%	14.3%	85.7%	0.0%	0.0%	14.3%	100.0%	14.3%	57.1%	100.0%	14.3%	0.0%	0.0%	42.9%	0.0%	42.9%
74112-Meat Grader	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74121-Baker	Total	10	20.0%	50.0%	40.0%	10.0%	0.0%	0.0%	10.0%	70.0%	0.0%	20.0%	60.0%	10.0%	0.0%	0.0%	50.0%	0.0%	0.0%
	NZWS	7	14.3%	57.1%	57.1%	0.0%	0.0%	0.0%	14.3%	85.7%	0.0%	14.3%	71.4%	14.3%	0.0%	0.0%	57.1%	0.0%	0.0%
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74211-Cabinet Maker	Total	8	0.0%	100.0%	50.0%	0.0%	0.0%	0.0%	0.0%	87.5%	50.0%	12.5%	37.5%	50.0%	12.5%	0.0%	0.0%	75.0%	0.0%
	NZWS	6	0.0%	100.0%	66.7%	0.0%	0.0%	0.0%	0.0%	83.3%	50.0%	16.7%	50.0%	50.0%	16.7%	0.0%	0.0%	83.3%	0.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74212-Furniture Finisher	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
74311-Tailor/Dressmaker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
74312-Textile Products Pattern Maker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
74313-Textile Products Marker and Cutter	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

74321-Furniture Upholsterer	Total	5	0.0%	80.0%	0.0%	20.0%	0.0%	0.0%	0.0%	40.0%	0.0%	20.0%	0.0%	20.0%	0.0%	0.0%	0.0%	20.0%	0.0%	
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	0.0%	
74322-Vehicle Upholsterer and Trimmer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
74323-Canvas Worker	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
74331-Carpet and Other Floor Covering Layer	Total	10	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	10.0%	60.0%	30.0%	20.0%	0.0%	50.0%	20.0%	10.0%	20.0%	40.0%	10.0%	
	NZWS	6	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	66.7%	33.3%	16.7%	0.0%	50.0%	16.7%	0.0%	16.7%	50.0%	0.0%	
	Maori NZWS	4	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	25.0%	50.0%	25.0%	25.0%	0.0%	50.0%	25.0%	25.0%	25.0%	25.0%	25.0%	
74411-Saddler and Harness Maker	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
74412-Shoe Repairer	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81111-Quarry and Mine Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81112-Mining Plant Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81211-Mineral and Stone Treater	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81133-Driller	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81211-Metallic Furnace Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81212-Drop Hammer and Forging Press Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81221-Metal Caster	Total	6	0.0%	66.7%	50.0%	50.0%	33.3%	0.0%	16.7%	100.0%	100.0%	83.3%	16.7%	16.7%	50.0%	16.7%	66.7%	50.0%	66.7%	
	NZWS	4	0.0%	75.0%	75.0%	50.0%	50.0%	0.0%	0.0%	100.0%	100.0%	75.0%	25.0%	25.0%	50.0%	25.0%	75.0%	50.0%	75.0%	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81231-Welder and Flame-Cutter	Total	8	0.0%	75.0%	25.0%	12.5%	0.0%	0.0%	0.0%	100.0%	62.5%	87.5%	25.0%	50.0%	37.5%	0.0%	50.0%	62.5%	25.0%	
	NZWS	6	0.0%	66.7%	33.3%	16.7%	0.0%	0.0%	0.0%	100.0%	50.0%	83.3%	33.3%	66.7%	33.3%	0.0%	66.7%	66.7%	33.3%	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

81241-Metal Drawer and/or Extruder	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81311-Non-Metallic Mineral Products Kiln or Furnace Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81312-Clay Product Plant Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
81313-Pottery and Porcelain Mould Maker	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81321-Glass Pressing and Drawing Machine Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81323-Glass and Ceramics Painter and Decorator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81411-Timber Processing Machine Operator	Total	10	0.0%	40.0%	30.0%	20.0%	0.0%	10.0%	30.0%	100.0%	50.0%	100.0%	30.0%	20.0%	0.0%	0.0%	80.0%	60.0%	50.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	8	0.0%	37.5%	25.0%	25.0%	0.0%	0.0%	37.5%	100.0%	50.0%	100.0%	25.0%	25.0%	0.0%	0.0%	75.0%	50.0%	50.0%	
81413-Timber Grader, Classer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
81421-Pulp Production Worker	Total	4	0.0%	75.0%	75.0%	100.0%	25.0%	0.0%	0.0%	75.0%	75.0%	75.0%	25.0%	75.0%	50.0%	0.0%	50.0%	75.0%	0.0%	
	NZWS	0																		
	Maori NZWS	4	0.0%	75.0%	75.0%	100.0%	25.0%	0.0%	0.0%	75.0%	75.0%	75.0%	25.0%	75.0%	50.0%	0.0%	50.0%	75.0%	0.0%	
81431-Paper Production Worker	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81511-Chemical Crushing, Grinding and Mixing Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
81521-Filtering and Separating Equipment Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81522-Water Treatment Plant Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81531-Still and Reactor Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		

81541-Other Chemical Processing Plant Operator	Total	5	20.0%	20.0%	20.0%	40.0%	20.0%	20.0%	20.0%	80.0%	80.0%	60.0%	60.0%	40.0%	60.0%	0.0%	80.0%	80.0%	40.0%	
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81611-Power Generating Plant Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	NZWS	0																		
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81612-Boiler Attendant	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
81613-Pumping-Station Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81614-Other Stationary Engine Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
82111-Machine Tool Operator	Total	4	0.0%	0.0%	25.0%	25.0%	0.0%	50.0%	50.0%	100.0%	75.0%	75.0%	50.0%	50.0%	25.0%	25.0%	50.0%	100.0%	50.0%	
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82112-Automated Machine Operator	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82113-Spring Maker and Wire Worker	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
82114-Tool Grinder and Sharpener	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
82115-Power Shear Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
82121-Concrete Worker	Total	15	33.3%	6.7%	6.7%	6.7%	0.0%	40.0%	20.0%	93.3%	53.3%	53.3%	13.3%	73.3%	0.0%	0.0%	60.0%	66.7%	20.0%	
	NZWS	5	20.0%	20.0%	20.0%	20.0%	0.0%	60.0%	0.0%	80.0%	40.0%	60.0%	0.0%	60.0%	0.0%	0.0%	20.0%	80.0%	0.0%	
	Maori NZWS	10	40.0%	0.0%	0.0%	0.0%	0.0%	30.0%	30.0%	100.0%	60.0%	50.0%	20.0%	80.0%	0.0%	0.0%	80.0%	60.0%	30.0%	
82211-Pharmaceutical and Toiletry Products Machine Operator	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
82221-Electroplater	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
82223-Metal Polisher	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																		
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

82513-Guillotine Operator	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82611-Spinner and Winder	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82622-Cloth Weaver	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82623-Carpet Weaver	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82624-Knitter, Knitting Machinist	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82631-Sewing Machinist	Total	14	0.0%	85.7%	35.7%	14.3%	0.0%	0.0%	0.0%	28.6%	0.0%	0.0%	7.1%	14.3%	0.0%	0.0%	0.0%	7.1%	7.1%
	NZWS	10	0.0%	80.0%	30.0%	20.0%	0.0%	0.0%	0.0%	30.0%	0.0%	0.0%	10.0%	10.0%	0.0%	0.0%	0.0%	10.0%	0.0%
	Maori NZWS	4	0.0%	100.0%	50.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	25.0%
82632-Embroiderer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82634-Stuffed Toy Maker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82635-Hat Maker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82641-Lauderer	Total	5	0.0%	100.0%	20.0%	20.0%	0.0%	0.0%	20.0%	60.0%	0.0%	0.0%	20.0%	20.0%	0.0%	0.0%	60.0%	0.0%	20.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82642-Bleacher and Dyer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82643-Dry-Cleaner	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82644-Presser	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82645-Textile Finisher	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	

82646-Carpet Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82651-Fibre Preparer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82652-Wool Scourer	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82712-Slaughterer	Total	51	3.9%	5.9%	37.3%	49.0%	13.7%	0.0%	27.5%	100.0%	39.2%	74.5%	76.5%	11.8%	2.0%	0.0%	76.5%	58.8%	52.9%
	NZWS	14	0.0%	7.1%	42.9%	35.7%	7.1%	0.0%	28.6%	100.0%	42.9%	78.6%	85.7%	0.0%	7.1%	0.0%	71.4%	64.3%	21.4%
	Maori NZWS	37	5.4%	5.4%	35.1%	54.1%	16.2%	0.0%	27.0%	100.0%	37.8%	73.0%	73.0%	16.2%	0.0%	0.0%	78.4%	56.8%	64.9%
82713-Smallgoods Maker	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82715-Oyster Opener and Canner	Total	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82717-Meat Processing Worker	Total	6	0.0%	16.7%	33.3%	16.7%	0.0%	0.0%	33.3%	100.0%	0.0%	83.3%	83.3%	0.0%	0.0%	0.0%	66.7%	33.3%	50.0%
	NZWS	4	0.0%	25.0%	50.0%	0.0%	0.0%	0.0%	25.0%	100.0%	0.0%	75.0%	75.0%	0.0%	0.0%	0.0%	50.0%	25.0%	25.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82718-Fish Processing Worker	Total	7	14.3%	14.3%	0.0%	57.1%	14.3%	0.0%	14.3%	100.0%	28.6%	71.4%	57.1%	0.0%	0.0%	0.0%	42.9%	42.9%	57.1%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	20.0%	0.0%	0.0%	40.0%	20.0%	0.0%	20.0%	100.0%	40.0%	60.0%	40.0%	0.0%	0.0%	0.0%	20.0%	40.0%	60.0%
82721-Milk and Other Dairy Products Maker	Total	11	0.0%	18.2%	36.4%	72.7%	27.3%	0.0%	18.2%	90.9%	72.7%	63.6%	54.5%	36.4%	0.0%	9.1%	63.6%	54.5%	9.1%
	NZWS	5	0.0%	0.0%	20.0%	80.0%	20.0%	0.0%	0.0%	80.0%	60.0%	40.0%	40.0%	20.0%	0.0%	0.0%	40.0%	80.0%	20.0%
	Maori NZWS	6	0.0%	33.3%	50.0%	66.7%	33.3%	0.0%	33.3%	100.0%	83.3%	83.3%	66.7%	50.0%	0.0%	16.7%	83.3%	33.3%	0.0%
82722-Cheese Maker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82731-Grain Miller	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82741-Baked Goods and Cereals Producing Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82742-Baker's Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82751-Fruit, Vegetable and Nut Processing Machine Operator	Total	4	25.0%	25.0%	25.0%	50.0%	25.0%	25.0%	0.0%	75.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	75.0%	0.0%	25.0%
	NZWS	0																	
	Maori NZWS	4	25.0%	25.0%	25.0%	50.0%	25.0%	25.0%	0.0%	75.0%	25.0%	25.0%	25.0%	0.0%	0.0%	0.0%	75.0%	0.0%	25.0%

82761-Sugar Processor and Refiner	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82762-Confectionery Maker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82773-Other Food Products Processing Machine Operator	Total	8	0.0%	50.0%	37.5%	37.5%	12.5%	0.0%	25.0%	87.5%	50.0%	75.0%	25.0%	37.5%	12.5%	12.5%	50.0%	25.0%	12.5%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	6	0.0%	66.7%	16.7%	33.3%	16.7%	0.0%	16.7%	83.3%	50.0%	66.7%	16.7%	16.7%	16.7%	16.7%	50.0%	16.7%	16.7%
82781-Tobacco Product Process Worker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82791-Brewery Worker	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82792-Distillery Worker (Alcoholic Beverages)	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82794-Wine Making Machine Operator	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82811-Hide and Pelt Processor	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82812-Tanner, Splitter and Dyer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82911-Machinery Assembler	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82921-Coil Winder	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82922-Electric and Electronic Equipment Assembler	Total	7	0.0%	42.9%	28.6%	28.6%	0.0%	0.0%	14.3%	71.4%	42.9%	28.6%	28.6%	28.6%	14.3%	0.0%	42.9%	42.9%	14.3%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	4	0.0%	50.0%	25.0%	50.0%	0.0%	0.0%	0.0%	75.0%	50.0%	50.0%	25.0%	25.0%	25.0%	0.0%	25.0%	50.0%	25.0%
82923-Linesperson	Total	14	7.1%	21.4%	21.4%	21.4%	0.0%	35.7%	35.7%	100.0%	92.9%	78.6%	28.6%	28.6%	7.1%	0.0%	85.7%	42.9%	92.9%
	NZWS	5	0.0%	40.0%	40.0%	20.0%	0.0%	60.0%	0.0%	100.0%	100.0%	80.0%	80.0%	40.0%	0.0%	0.0%	80.0%	40.0%	80.0%
	Maori NZWS	9	11.1%	11.1%	11.1%	22.2%	0.0%	22.2%	55.6%	100.0%	88.9%	77.8%	0.0%	22.2%	11.1%	0.0%	88.9%	44.4%	100.0%
82924-Electric Cable Jointer	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

82931-Metal Goods Assembler	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82932-Plastic and Rubber Goods Assembler	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
82941-Wood and Related Materials Products Assembler	Total	4	0.0%	75.0%	50.0%	0.0%	25.0%	0.0%	0.0%	100.0%	100.0%	0.0%	25.0%	50.0%	25.0%	0.0%	50.0%	50.0%	0.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82942-Basket and Wicker Worker	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
82944-Fencer	Total	9	0.0%	33.3%	0.0%	0.0%	0.0%	55.6%	33.3%	88.9%	55.6%	55.6%	22.2%	22.2%	11.1%	0.0%	33.3%	55.6%	22.2%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	7	0.0%	42.9%	0.0%	0.0%	0.0%	42.9%	42.9%	85.7%	42.9%	71.4%	28.6%	28.6%	14.3%	0.0%	42.9%	57.1%	14.3%
82953-Leather Goods Assembler	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82954-Footwear Production Machine Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
83111-Railway Locomotive Driver	Total	5	20.0%	80.0%	0.0%	20.0%	0.0%	0.0%	0.0%	100.0%	40.0%	40.0%	20.0%	20.0%	40.0%	0.0%	40.0%	80.0%	60.0%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83211-Taxi Driver	Total	17	0.0%	76.5%	0.0%	70.6%	0.0%	0.0%	5.9%	11.8%	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.9%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	16	0.0%	75.0%	0.0%	68.8%	0.0%	0.0%	6.3%	12.5%	0.0%	6.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.3%
83212-Light Truck or Van Driver	Total	13	0.0%	61.5%	7.7%	30.8%	0.0%	15.4%	7.7%	53.8%	15.4%	46.2%	15.4%	0.0%	0.0%	0.0%	30.8%	0.0%	23.1%
	NZWS	6	0.0%	66.7%	0.0%	0.0%	0.0%	33.3%	0.0%	50.0%	0.0%	50.0%	33.3%	0.0%	0.0%	0.0%	33.3%	0.0%	16.7%
	Maori NZWS	7	0.0%	57.1%	14.3%	57.1%	0.0%	0.0%	14.3%	57.1%	28.6%	42.9%	0.0%	0.0%	0.0%	0.0%	28.6%	0.0%	28.6%
83213-Driving Instructor	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83221-Passenger Coach Driver	Total	17	0.0%	52.9%	0.0%	58.8%	0.0%	5.9%	11.8%	35.3%	0.0%	23.5%	11.8%	0.0%	0.0%	0.0%	11.8%	0.0%	0.0%
	NZWS	8	0.0%	75.0%	0.0%	50.0%	0.0%	12.5%	12.5%	37.5%	0.0%	25.0%	12.5%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%
	Maori NZWS	9	0.0%	33.3%	0.0%	66.7%	0.0%	0.0%	11.1%	33.3%	0.0%	22.2%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83231-Heavy Truck or Tanker Driver	Total	65	1.5%	56.9%	3.1%	44.6%	1.5%	21.5%	13.8%	75.4%	23.1%	61.5%	29.2%	6.2%	1.5%	1.5%	30.8%	15.4%	32.3%
	NZWS	28	0.0%	46.4%	0.0%	39.3%	0.0%	42.9%	0.0%	82.1%	17.9%	67.9%	64.3%	0.0%	0.0%	0.0%	35.7%	7.1%	25.0%
	Maori NZWS	37	2.7%	64.9%	5.4%	48.6%	2.7%	5.4%	24.3%	70.3%	27.0%	56.8%	2.7%	10.8%	2.7%	2.7%	27.0%	21.6%	37.8%
83311-Farm Machinery Operator, Including Contractor	Total	8	0.0%	50.0%	0.0%	50.0%	0.0%	37.5%	0.0%	87.5%	62.5%	50.0%	25.0%	25.0%	12.5%	12.5%	50.0%	50.0%	25.0%
	NZWS	6	0.0%	50.0%	0.0%	50.0%	0.0%	50.0%	0.0%	83.3%	50.0%	33.3%	16.7%	33.3%	16.7%	16.7%	33.3%	33.3%	16.7%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

83312-Ground Spraying and/or Dusting Contractor	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
83321-Excavating Machine Operator	Total	12	8.3%	41.7%	0.0%	41.7%	8.3%	33.3%	8.3%	100.0%	41.7%	58.3%	16.7%	25.0%	0.0%	0.0%	25.0%	50.0%	41.7%
	NZWS	4	0.0%	50.0%	0.0%	50.0%	0.0%	25.0%	0.0%	100.0%	25.0%	75.0%	50.0%	25.0%	0.0%	0.0%	50.0%	75.0%	50.0%
	Maori NZWS	8	12.5%	37.5%	0.0%	37.5%	12.5%	37.5%	12.5%	100.0%	50.0%	50.0%	0.0%	25.0%	0.0%	0.0%	12.5%	37.5%	37.5%
83323-Pile Driver, Driller Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83324-Earthmoving Machine Operator	Total	12	8.3%	33.3%	8.3%	25.0%	0.0%	33.3%	16.7%	75.0%	33.3%	58.3%	50.0%	25.0%	0.0%	0.0%	25.0%	58.3%	33.3%
	NZWS	7	14.3%	42.9%	14.3%	42.9%	0.0%	28.6%	0.0%	85.7%	28.6%	57.1%	71.4%	14.3%	0.0%	0.0%	28.6%	57.1%	42.9%
	Maori NZWS	5	0.0%	20.0%	0.0%	0.0%	0.0%	40.0%	40.0%	60.0%	40.0%	60.0%	20.0%	40.0%	0.0%	0.0%	20.0%	60.0%	20.0%
83325-Roading and/or Paving Machine Operator	Total	7	28.6%	0.0%	0.0%	28.6%	0.0%	28.6%	14.3%	100.0%	85.7%	85.7%	28.6%	28.6%	0.0%	0.0%	28.6%	85.7%	28.6%
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	5	20.0%	0.0%	0.0%	20.0%	0.0%	40.0%	20.0%	100.0%	80.0%	100.0%	0.0%	40.0%	0.0%	0.0%	20.0%	80.0%	40.0%
83331-Crane Operator	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83341-Fork-Lift Operator	Total	16	0.0%	62.5%	31.3%	6.3%	0.0%	6.3%	37.5%	81.3%	37.5%	68.8%	12.5%	18.8%	0.0%	0.0%	37.5%	43.8%	25.0%
	NZWS	6	0.0%	83.3%	66.7%	0.0%	0.0%	0.0%	16.7%	100.0%	33.3%	83.3%	33.3%	33.3%	0.0%	0.0%	50.0%	66.7%	0.0%
	Maori NZWS	10	0.0%	50.0%	10.0%	10.0%	0.0%	10.0%	50.0%	70.0%	40.0%	60.0%	0.0%	10.0%	0.0%	0.0%	30.0%	30.0%	40.0%
83342-Straddle-Truck Operator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83343-Tow Truck Operator	Total	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83411-Deck Rating	Total	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83412-Other Ship or Boat Hand	Total	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84110-Building Exterior Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84111-Drainlayer	Total	7	0.0%	57.1%	14.3%	14.3%	0.0%	71.4%	0.0%	71.4%	57.1%	57.1%	28.6%	0.0%	0.0%	0.0%	42.9%	42.9%	28.6%
	NZWS	5	0.0%	60.0%	0.0%	20.0%	0.0%	80.0%	0.0%	80.0%	60.0%	60.0%	40.0%	0.0%	0.0%	0.0%	60.0%	40.0%	40.0%
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84112-Pipe Fitter	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

84113-Steel Fixer	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
84114-Scaffolder	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
84115-Rigger and Cable Splicer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																		
	Maori NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84116-Steel Erector, Construction	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
84117-Roofer	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84118-Aluminium Joiner	Total	0																		
	NZWS	0																		
	Maori NZWS	0																		
84119-Insulator	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																		
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84121-Underwater Worker	Total	4	25.0%	25.0%	0.0%	0.0%	0.0%	75.0%	0.0%	100.0%	25.0%	25.0%	25.0%	25.0%	0.0%	25.0%	0.0%	0.0%	0.0%	75.0%
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91111-Cleaner	Total	85	3.6%	64.3%	15.5%	46.4%	3.6%	3.6%	6.0%	67.9%	7.1%	11.9%	14.3%	13.1%	2.4%	0.0%	58.3%	6.0%	8.3%	
	NZWS	34	0.0%	58.8%	14.7%	44.1%	0.0%	8.8%	0.0%	70.6%	14.7%	17.6%	14.7%	14.7%	2.9%	0.0%	64.7%	5.9%	2.9%	
	Maori NZWS	51	6.0%	68.0%	16.0%	48.0%	6.0%	0.0%	10.0%	66.0%	2.0%	8.0%	14.0%	12.0%	2.0%	0.0%	54.0%	6.0%	12.0%	
91112-Building Caretaker	Total	19	5.3%	57.9%	21.1%	36.8%	5.3%	21.1%	5.3%	84.2%	36.8%	36.8%	21.1%	36.8%	15.8%	0.0%	42.1%	36.8%	26.3%	
	NZWS	7	0.0%	57.1%	28.6%	28.6%	0.0%	28.6%	0.0%	85.7%	42.9%	42.9%	28.6%	57.1%	14.3%	0.0%	57.1%	71.4%	14.3%	
	Maori NZWS	12	8.3%	58.3%	16.7%	41.7%	8.3%	16.7%	8.3%	83.3%	33.3%	33.3%	16.7%	25.0%	16.7%	0.0%	33.3%	16.7%	33.3%	
91113-Pest Control Worker	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91211-Courier and Deliverer	Total	19	5.3%	52.6%	5.3%	31.6%	0.0%	10.5%	10.5%	68.4%	0.0%	31.6%	21.1%	0.0%	0.0%	0.0%	5.3%	0.0%	31.6%	
	NZWS	9	11.1%	44.4%	0.0%	11.1%	0.0%	22.2%	22.2%	44.4%	0.0%	11.1%	33.3%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%	
	Maori NZWS	10	0.0%	60.0%	10.0%	50.0%	0.0%	0.0%	0.0%	90.0%	0.0%	50.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	60.0%	
91212-Hotel Porter	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																		
91311-Refuse Collector	Total	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

91312-Street or Park Cleaner	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	0																	
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91411-Packer	Total	46	6.5%	32.6%	28.3%	30.4%	4.3%	0.0%	21.7%	82.6%	15.2%	43.5%	37.0%	15.2%	2.2%	0.0%	47.8%	26.1%	23.9%
	NZWS	22	4.5%	45.5%	27.3%	31.8%	4.5%	0.0%	9.1%	81.8%	9.1%	45.5%	59.1%	9.1%	0.0%	0.0%	54.5%	27.3%	18.2%
	Maori NZWS	24	8.3%	20.8%	29.2%	29.2%	4.2%	0.0%	33.3%	83.3%	20.8%	41.7%	16.7%	20.8%	4.2%	0.0%	41.7%	25.0%	29.2%
91412-Loader and/or Checker	Total	29	6.9%	44.8%	13.8%	31.0%	10.3%	20.7%	17.2%	89.7%	20.7%	75.9%	24.1%	10.3%	0.0%	0.0%	27.6%	37.9%	34.5%
	NZWS	10	0.0%	10.0%	10.0%	30.0%	0.0%	50.0%	10.0%	100.0%	40.0%	90.0%	60.0%	20.0%	0.0%	0.0%	30.0%	60.0%	50.0%
	Maori NZWS	19	10.5%	63.2%	15.8%	31.6%	15.8%	5.3%	21.1%	84.2%	10.5%	68.4%	5.3%	5.3%	0.0%	0.0%	26.3%	26.3%	26.3%
91413-Railway Shunter	Total	0																	
	NZWS	0																	
	Maori NZWS	0																	
91511-Surveyor's Assistant	Total	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	0																	
91512-Builder's Labourer	Total	16	20.0%	40.0%	13.3%	0.0%	0.0%	33.3%	20.0%	87.5%	75.0%	68.8%	12.5%	31.3%	6.3%	6.3%	43.8%	62.5%	43.8%
	NZWS	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Maori NZWS	13	25.0%	33.3%	16.7%	0.0%	0.0%	25.0%	25.0%	84.6%	76.9%	69.2%	15.4%	30.8%	7.7%	7.7%	46.2%	61.5%	38.5%
91513-Sawmill Labourer	Total	6	0.0%	83.3%	0.0%	0.0%	33.3%	33.3%	16.7%	100.0%	83.3%	83.3%	16.7%	66.7%	16.7%	0.0%	83.3%	83.3%	16.7%
	NZWS	5	0.0%	80.0%	0.0%	0.0%	40.0%	40.0%	20.0%	100.0%	80.0%	80.0%	20.0%	60.0%	20.0%	0.0%	80.0%	80.0%	20.0%
	Maori NZWS	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91514-General Labourer	Total	33	6.1%	54.5%	18.2%	9.1%	3.0%	33.3%	6.1%	78.8%	36.4%	51.5%	36.4%	36.4%	6.1%	3.0%	33.3%	39.4%	21.2%
	NZWS	22	4.5%	54.5%	27.3%	13.6%	4.5%	27.3%	4.5%	81.8%	31.8%	45.5%	50.0%	31.8%	9.1%	4.5%	31.8%	31.8%	18.2%
	Maori NZWS	11	9.1%	54.5%	0.0%	0.0%	0.0%	45.5%	9.1%	72.7%	45.5%	63.6%	9.1%	45.5%	0.0%	0.0%	36.4%	54.5%	27.3%

Table 9 presents the prevalence of PPE use amongst those exposed to dust/chemical factors and loud noise. In the NZWS, of those participants reporting exposure to dust (n=881), 42% (n=366) reported wearing goggles and only 28% (n=243) reported wearing simple dust masks at work. The corresponding prevalences for the Māori NZWS were even lower at 30% (n=218) and 24% (n=171), respectively. Similarly, a low proportion of those reporting exposure to smoke/fume/gas reported wearing simple dust masks (NZWS: 24%, n=155; Māori NZWS: 21%, n=109) or filter cartridge respirators (NZWS: 11%, n=72; Māori NZWS: 12%, n=64). In the NZWS, glove use was more common in participants reporting exposure to oils and solvents (51%, n=319), acids or alkalis (62%, n=176), and pesticides (55%, n=158). For the Māori NZWS, glove use was more common in participants reporting exposure to acids and alkalis (52%, n=101), other chemicals (49%, n=167), and oils and solvents (46%, n=177). Of those participants exposed to loud noise a quarter of the time or more, only 40% (n=358) of NZWS participants and 27% (n=250) of Māori NZWS participants reported wearing hearing protection.

Table 9: PPE use amongst those exposed to dust/chemical factors and loud noise

	NZWS	Māori NZWS	Goggles				Simple dust mask				Filter cartridge respirator				Air-Supplied Respirator				Gloves				Hearing protection			
			NZWS		Māori NZWS		NZWS		Māori NZWS		NZWS		Māori NZWS		NZWS		Māori NZWS		NZWS		Māori NZWS		NZWS		Māori NZWS	
			N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Dust	881	725	366	41.5	218	30.2	243	27.6	171	23.7	104	11.8	67	9.3	23	2.6	14	1.9	371	42.1	225	31.2	370	42.0	188	26.0
Smoke/Fume/Gas	643	522	283	44.0	187	36.0	155	24.1	109	21.0	72	11.2	64	12.3	18	2.8	13	2.5	312	48.5	203	39.0	223	34.7	146	28.1
Oils and solvents	628	388	297	47.3	160	41.3	184	29.3	97	25.1	77	12.3	50	12.9	20	3.2	11	2.8	319	50.8	177	45.7	252	40.1	119	30.8
Acids and alkalis	282	194	156	55.3	89	45.9	92	32.6	57	29.4	49	17.4	28	14.4	11	3.9	7	3.6	176	62.4	101	52.1	115	40.8	64	33.0
Pesticides	287	203	134	46.7	76	37.4	99	34.5	64	31.5	46	16.0	29	14.3	8	2.8	6	3.0	158	55.1	83	40.9	137	47.7	60	30.0
Other chemicals	411	344	136	33.1	95	27.8	107	26.0	82	24.0	31	7.5	37	10.8	11	2.7	7	2.1	202	49.2	167	48.8	114	27.7	67	20.0
Loud noise	895	929	346	38.7	274	30.0	219	24.5	184	19.9	90	10.1	69	7.5	20	2.2	16	1.7	389	43.5	335	36.3	358	40.0	250	27.1

MODULE TWO: DEMOGRAPHIC DIFFERENCES

Gender differences

Table 1A presents the demographic characteristics and 1-digit occupational and industry distribution by gender and survey.

For the NZWS, there was a higher proportion of females in the 35-44 year age group and a lower proportion in the oldest age group (55+ years). As expected, the occupational distribution of males and females was significantly different. There were higher proportions of females in the professionals (NZSCO 2), technicians and associate professionals (NZSCO 3), clerks (NZSCO 4), and service and sales workers (NZSCO 5) groups, whereas there were higher proportions of males in the legislators, administrators and managers (NZSCO 1), agricultural and fishery (NZSCO 6), trades (NZSCO 7), and plant and machine operators and assemblers (NZSCO 8) groups. There were similar proportions of men and women in the elementary occupational group (NZSCO 9).

The age distribution of males and females in the Māori NZWS was similar but there was a higher proportion of female smokers. There were higher proportions of females in the professionals (NZSCO 2), technicians and associate professionals (NZSCO 3), clerks (NZSCO 4), and service and sales workers (NZSCO 5) groups, whereas there were higher proportions of males in the agricultural and fishery (NZSCO 6), trades (NZSCO 7), and plant and machine operators and assemblers (NZSCO 8) groups. There were similar numbers of men and women in the legislators, administrators and managers (NZSCO 1) and elementary occupational (NZSCO 9) groups.

TABLE 1A: DESCRIPTION OF SURVEY SAMPLES BY GENDER														
	Total		NZWS						Māori NZWS					
	N=5110		N= 3003						N= 2107					
			Male		Female		Total		Male		Female		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Gender														
Male	2381	46.6	1431	47.7	-	-	1431	47.7	950	45.1	-	-	950	45.1
Female	2729	53.4	-	-	1572	52.4	1572	52.4	-	-	1157	54.9	1157	54.9
Age at Interview														
Mean (SD)	45.3 (11.8)		45.1 (11.7)		43.4 (10.9)		44.2 (11.3)		47.0 (12.5)		46.6 (12.1)		46.8 (12.3)	
Range	20-67		20-67		20-66		20-67		20-67		21-67		20-67	
20 – 34 years	1060	20.7	302	21.1	357	22.7	659	21.9	177	18.6	224	19.4	401	19.0
35 – 44 years	1297	25.4	349	24.4	471	30.0	820	27.3	209	22.0	268	23.2	477	22.6
45 – 54 years	1384	27.1	404	28.2	464	29.5	868	28.9	233	24.5	283	24.5	516	24.5
55+ years	1369	26.8	376	26.3	280	17.8	656	21.8	331	34.8	382	33.0	713	33.8
Ethnicity														
Pākehā	2386	46.8	1143	80.2	1243	79.1	2386	79.6	-	-	-	-		
Māori	2380	46.6	109	7.7	164	10.4	273	9.1	950	100.0	1157	100.0	2107	100.0
Pacific Peoples	53	1.0	20	1.4	33	2.1	53	1.8	-	-	-	-		
Other	285	5.6	153	10.7	132	8.4	285	9.5	-	-	-	-		
<i>Missing</i>	6		6				6							
Smoking														
Never	2259	44.3	706	49.4	810	51.7	1516	50.6	364	38.4	379	32.8	743	35.4
Current	1129	22.2	259	18.1	287	18.3	546	18.2	228	24.1	355	30.7	583	27.7
Ex	1708	33.5	463	32.4	469	30.0	932	31.1	355	37.5	421	36.5	776	36.9
<i>Missing</i>	14		3		6		9		3		2		5	
Deprivation Index 2006														
1 – 2 (least deprived)	1079	21.1	410	28.7	383	24.4	793	26.4	144	15.2	142	12.3	286	13.6
3 – 4	970	19.0	320	22.4	336	21.4	656	21.9	151	15.9	163	14.1	314	15.0
5 – 6	1029	20.2	295	20.6	364	23.2	659	22.0	164	17.3	206	17.9	370	17.6
7 – 8	1013	19.9	235	16.4	292	18.6	527	17.6	222	23.4	264	22.9	486	23.1
9 – 10 (most deprived)	1012	19.8	171	12.0	196	12.5	367	12.2	267	28.2	378	32.8	645	30.7
<i>Missing</i>	7				1		1		2		4		6	

	Total		NZWS						Māori NZWS					
	N=5110		N= 3003						N= 2107					
			Male		Female		Total		Male		Female		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Occupation (NZSCO 1-digit code)														
1 – Legislators, administrators and managers	693	13.6	280	19.6	176	11.2	456	15.2	103	10.9	134	11.7	237	11.4
2 – Professionals	965	19.0	235	16.4	392	24.9	627	20.9	112	11.9	226	19.7	338	16.2
3 – Technicians and associate professions	767	15.1	181	12.7	280	17.8	461	15.4	107	11.4	199	17.4	306	14.7
4 – Clerks	565	11.1	68	4.8	284	18.1	352	11.7	40	4.3	173	15.1	213	10.2
5 – Service and sales workers	675	13.3	90	6.3	273	17.4	363	12.1	85	9.0	227	19.8	312	15.0
6 – Agricultural and fishery workers	306	6.0	125	8.7	61	3.9	186	6.2	79	8.4	41	3.6	120	5.8
7 – Trade workers	395	7.8	236	16.5	18	1.2	254	8.5	129	13.7	12	1.1	141	6.8
8 – Plant and machine operators and assemblers	462	9.1	155	10.8	31	2.0	186	6.2	217	23.0	59	5.2	276	13.2
9 – Elementary occupations	261	5.1	60	4.2	57	3.6	117	3.9	70	7.4	74	6.5	144	6.9
Missing	21		1				1		8		12		20	
Industry (ANZSIC 1-digit code)														
A - Agriculture, Forestry and Fishing	329	6.5	132	9.3	66	4.2	198	6.6	85	9.1	46	4.0	131	6.3
B - Mining	18	0.4	9	0.6	1	0.1	10	0.3	6	0.6	2	0.2	8	0.4
C - Manufacturing	669	13.2	258	18.1	142	9.1	400	13.4	171	18.3	98	8.6	269	12.9
D - Electricity, Gas and Water Supply	38	0.8	16	1.1	5	0.3	21	0.7	12	1.3	5	0.4	17	0.8
E - Construction	370	7.3	180	12.6	29	1.9	209	7.0	148	15.8	13	1.1	161	7.7
F - Wholesale Trade	156	3.1	72	5.1	40	2.6	112	3.8	21	2.2	23	2.0	44	2.1
G - Retail Trade	441	8.7	117	8.2	148	9.5	265	8.9	68	7.3	108	9.5	176	8.5
H - Accommodation, Cafes and Restaurants	179	3.5	28	2.0	68	4.4	96	3.2	21	2.2	62	5.4	83	4.0
I - Transport and Storage	220	4.3	75	5.3	34	2.2	109	3.7	74	7.9	37	3.2	111	5.3
J - Communication Services	100	2.0	22	1.5	27	1.7	49	1.6	17	1.8	34	3.0	51	2.5
K - Finance and Insurance	160	3.2	41	2.9	77	4.9	118	4.0	10	1.1	32	2.8	42	2.0
L - Property and Business Services	482	9.5	172	12.1	166	10.6	338	11.3	66	7.0	78	6.8	144	6.9
M - Government Administration and Defence	324	6.4	84	5.9	96	6.1	180	6.0	69	7.4	75	6.6	144	6.9
N - Education	586	11.6	81	5.7	251	16.1	332	11.1	62	6.6	192	16.8	254	12.2
O - Health and Community Services	639	12.6	53	3.7	298	19.1	351	11.7	38	4.1	250	21.9	288	13.9
P - Cultural and Recreational Services	139	2.7	32	2.2	57	3.7	89	3.0	20	2.1	30	2.6	50	2.4
Q - Personal and other services	219	4.3	55	3.9	58	3.7	113	3.8	49	5.2	57	5.0	106	5.1
Missing	41		4		9		13		13		15		28	

Table 2A presents the overall prevalence of current job exposures including organisational factors, dust/chemical factors, and physical factors by gender and survey. For both surveys, males worked more paid hours per week on average and reported higher prevalences of all dust/chemical factors (with the exception of other chemicals), working night shift, and irregular hours. For the NZWS, females reported higher prevalences of repetitive tasks and working at very high speed whereas males reported higher prevalences of lifting, working in a cold/damp environment, loud noise, working outside, and using tools that vibrate. For the Māori NZWS, similar prevalences were reported for repetitive tasks, working at very high speed, working to tight deadlines, standing, and sitting. For all other physical/organisational factors, Māori males reported higher prevalences of exposure.

TABLE 2A: PREVALENCE OF CURRENT JOB EXPOSURES BY GENDER AND SURVEY															
	Total		NZWS						Māori NZWS						
	N=5110		N= 3003						N= 2107						
			Male		Female		Total		Male		Female		Total		Missing
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
Organisational factors															
Hours worked per week: Mean & SD	39.2	14.4SD	44.9	13.0SD	33.7	14.2SD	39	14.7	44.2	12.9SD	35.5	13.3SD	39.4	13.8	63
Range	0.81-105		1.5-100		0.81-98		0.81-100		2-105		1.5-80		1.5-105		
Hours worked >48 hours	1112	22.0	513	35.9	186	11.9	699	23.3	291	31.4	122	10.9	413	20.1	63
Hours worked >55 hours	480	9.5	206	14.4	65	4.2	271	9.1	144	15.5	65	5.8	209	10.2	63
Days worked per week	4.9	1.1SD	5.2	0.9SD	4.7	1.2SD	4.9	1.1	5.1	1.0SD	4.8	1.1SD	4.9	1.0	65
Irregular hours*	1250	25.4	410	29.9	269	17.7	679	23.5	313	34.4	258	23	571	28.1	182
Night shift in last 4 weeks	419	8.5	140	10.2	64	4.3	204	7.1	124	13.5	91	8.1	215	10.5	195
Number of night shifts worked [#]															
	<5	181	44.8	63	46.0	27	43.6	90	45.2	50	43.1	41	46.1	91	44.4
	5-10	119	29.5	43	31.4	22	35.5	65	32.7	35	30.2	19	21.4	54	26.3
	10+	104	25.7	31	22.6	13	21.0	44	22.1	31	26.7	29	32.6	60	29.3
Current exposure															
Dust	1606	31.5	577	40.3	304	19.3	881	29.3	431	45.5	294	25.6	725	34.6	11
Smoke or Fumes	984	19.3	368	25.7	173	11.0	541	18.0	294	31.1	149	13.0	443	21.1	11
Gas	433	8.5	161	11.3	78	5.0	239	8.0	110	11.6	84	7.3	194	9.3	11
Oil and Solvents	1016	19.9	427	29.8	201	12.8	628	20.9	271	28.6	117	10.2	388	18.5	11
Acids or Alkalis	476	9.3	191	13.4	91	5.8	282	9.4	136	14.4	58	5.1	194	9.3	11
Pesticides	490	9.6	208	14.5	79	5.0	287	9.6	131	13.8	72	6.3	203	9.7	11
Other Chemicals	755	14.8	194	13.6	217	13.8	411	13.7	156	16.5	188	16.4	344	16.4	11
Any of the above	2622	51.3	851	59.5	637	40.5	1488	49.6	610	64.2	524	45.3	1134	53.8	
*Started before 7am and/or finished after 8.30pm; 164 individuals did not have enough information to determine whether they worked irregular hours															
[#] Of those that reported working night shift															

	Total		NZWS						Māori NZWS						
	N=5110		N= 3003						N= 2107						
			Male		Female		Total		Male		Female		Total		Missing
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
<i>Physical factors (≥25% of the time)</i>															
Awkward or tiring positions	3044	59.9	776	54.5	903	57.6	1679	56.1	658	69.7	707	61.8	1365	65.4	31
Awkward grip or hand movements	2167	42.7	578	40.5	565	36.1	1143	38.2	532	56.5	492	43.1	1024	49.2	34
Lifting	2318	45.6	615	43.1	561	35.8	1176	39.2	589	62.5	553	48.4	1142	54.8	27
Repetitive Tasks	3695	72.9	920	64.7	1117	71.5	2037	68.2	756	80.1	902	78.9	1658	79.4	38
Working at very high speed	2761	54.4	669	47.0	861	55.0	1530	51.2	553	58.7	678	59.2	1231	59.0	34
Working to tight deadlines	3843	75.7	1065	74.9	1120	71.4	2185	73.1	759	80.5	899	78.7	1658	79.5	34
Boring work	2109	41.6	583	41.1	652	41.7	1235	41.4	424	45.0	450	39.4	874	41.9	42
Working in a cold/damp environment	1567	30.9	410	29.0	299	19.1	709	23.8	516	54.8	342	29.9	858	41.2	45
Working in a hot/warm environment	1827	36.1	429	30.3	401	25.6	830	27.8	532	56.5	465	40.8	997	47.9	45
Standing	1493	29.4	389	27.3	448	28.6	837	28.0	313	33.2	343	30.0	656	31.5	29
Sitting	3257	64.1	913	64.1	1033	65.8	1946	65.0	570	60.5	741	64.8	1311	62.8	29
Tools that vibrate	784	15.5	251	17.6	90	5.7	341	11.4	323	34.3	120	10.5	443	21.3	36
Working outside	1815	35.8	593	41.8	291	18.6	884	29.6	591	62.7	340	29.7	931	44.6	39
Loud noise	1824	35.9	573	40.1	322	20.5	895	29.9	542	57.5	387	33.8	929	44.5	26

Table 3A presents the overall prevalence of how satisfied participants were with different aspects of their current job and how stressful they found their current job by gender and survey. For the NZWS, females reported higher prevalences of being satisfied or very satisfied with contact and cooperation with senior management and the help and support given by their supervisor, which was partly driven by males reporting higher prevalences of “not applicable”. Females also reported higher prevalences of being satisfied or very satisfied with the way their work is organised and the times of the day they are asked to work compared to males. Men and women reported the same prevalence of having a very or extremely stressful job with slightly more males reporting moderate stress.

For the Māori NZWS, males reported slightly higher prevalences of being satisfied or very satisfied with the level of mental and physical demands of their job and females reported a slightly higher prevalence of being satisfied or very satisfied with the help and support given by their supervisor, which was partly driven by males reporting higher a prevalence of “not applicable”. Māori females reported a slightly higher prevalence of having a very or extremely stressful job compared to Māori males.

TABLE 3A: Prevalence of work satisfaction and job stress by gender and survey

	Total		NZWS						Māori NZWS					
	N=5110		N= 3003						N= 2107					
			Male		Female		Total		Male		Female		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Work Satisfaction: How satisfied are you with different aspects of your current job?														
<i>The total number of working hours per week?</i>														
Very satisfied - satisfied	3853	75.7	1036	72.6	1196	76.1	2232	74.4	737	77.9	884	77.1	1621	77.5
Neutral	677	13.3	209	14.6	203	12.9	412	13.7	126	13.3	139	12.1	265	12.7
Dissatisfied - very dissatisfied	541	10.6	172	12.0	169	10.8	341	11.4	82	8.7	118	10.3	200	9.6
N/A	21	0.4	11	0.8	3	0.2	14	0.5	1	0.1	6	0.5	7	0.3
<i>Missing</i>	18		3		1		4		4		10		14	
<i>Contact and co-operation between yourself and senior management?</i>														
Very satisfied - satisfied	3031	59.6	733	51.3	949	60.5	1682	56.1	584	61.8	765	66.9	1349	64.6
Neutral	680	13.4	188	13.2	229	14.6	417	13.9	117	12.4	146	12.8	263	12.6
Dissatisfied - very dissatisfied	700	13.8	212	14.9	237	15.1	449	15.0	97	10.3	154	13.5	251	12.0
N/A	676	13.3	295	20.7	155	9.9	450	15.0	147	15.6	79	6.9	226	10.8
<i>Missing</i>	23		3		2		5		5		13		18	
<i>The level of enjoyment of your work?</i>														
Very satisfied - satisfied	4053	79.6	1124	78.8	1213	77.2	2337	78.0	771	81.5	945	82.4	1716	82.0
Neutral	716	14.1	217	15.2	233	14.8	450	15.0	120	12.7	146	12.7	266	12.7
Dissatisfied - very dissatisfied	319	6.3	86	6.0	123	7.8	209	7.0	55	5.8	55	4.8	110	5.3
N/A	3	0.1	0	0.0	2	0.1	2	0.1	0	0.0	1	0.1	1	0.1
<i>Missing</i>	19		4		1		5		4		10		14	
<i>The level of difficulty of your work?</i>														
Very satisfied - satisfied	3549	69.7	973	68.2	1052	67.0	2025	67.6	716	75.7	808	70.6	1524	72.9
Neutral	1053	20.7	330	23.1	366	23.3	696	23.2	151	16.0	206	18.0	357	17.1
Dissatisfied - very dissatisfied	431	8.5	111	7.8	134	8.5	245	8.2	72	7.6	114	10.0	186	8.9
N/A	56	1.1	13	0.9	19	1.2	32	1.1	7	0.7	17	1.5	24	1.2
<i>Missing</i>	21		4		1		5		4		12		16	
<i>The help & support given to you by colleagues?</i>														
Very satisfied - satisfied	3909	76.8	1045	73.2	1187	75.7	2232	74.5	751	79.4	926	80.7	1677	80.1
Neutral	554	10.9	186	13.0	178	11.3	364	12.2	91	9.6	99	8.6	190	9.1
Dissatisfied - very dissatisfied	325	6.4	94	6.6	112	7.1	206	6.9	52	5.5	67	5.8	119	5.7
N/A	302	5.9	103	7.2	92	5.9	195	6.5	52	5.5	55	4.8	107	5.1
<i>Missing</i>	20		3		3		6		4		10		14	

	Total		NZWS						Māori NZWS					
	N=5110		N= 3003						N= 2107					
			Male		Female		Total		Male		Female		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Work Satisfaction: How satisfied are you with different aspects of your current job?														
<i>The way your work is organised?</i>														
Very satisfied - satisfied	3606	70.9	885	61.9	1127	71.8	2012	67.1	703	74.5	891	77.8	1594	76.3
Neutral	837	16.5	273	19.1	250	15.9	523	17.4	167	17.7	147	12.8	314	15.0
Dissatisfied - very dissatisfied	513	10.1	190	13.3	153	9.8	343	11.4	69	7.3	101	8.8	170	8.1
N/A	132	2.6	81	5.7	39	2.5	120	4.0	5	0.5	7	0.6	12	0.6
<i>Missing</i>	22		2		3		5		6		11		17	
<i>The level of mental demands of your work?</i>														
Very satisfied - satisfied	3515	69.2	1002	70.2	1043	66.6	2045	68.3	702	74.3	768	67.2	1470	70.4
Neutral	973	19.2	274	19.2	335	21.4	609	20.3	151	16.0	213	18.6	364	17.4
Dissatisfied - very dissatisfied	557	11.0	141	9.9	181	11.6	322	10.8	85	9.0	150	13.1	235	11.3
N/A	37	0.7	10	0.7	8	0.5	18	0.6	7	0.7	12	1.1	19	0.9
<i>Missing</i>	28		4		5		9		5		14		19	
<i>The times of day you are asked to work?</i>														
Very satisfied - satisfied	3826	75.2	969	67.9	1211	77.2	2180	72.8	739	78.1	907	79.1	1646	78.7
Neutral	611	12.0	196	13.7	179	11.4	375	12.5	121	12.8	115	10.0	236	11.3
Dissatisfied - very dissatisfied	395	7.8	136	9.5	113	7.2	249	8.3	55	5.8	91	7.9	146	7.0
N/A	256	5.0	127	8.9	65	4.2	192	6.4	31	3.3	33	2.9	64	3.1
<i>Missing</i>	22		3		4		7		4		11		15	
<i>The help of & support given to you by your supervisor?</i>														
Very satisfied - satisfied	2928	57.6	675	47.3	915	58.4	1590	53.1	568	60.1	770	67.2	1338	64.0
Neutral	553	10.9	152	10.7	170	10.8	322	10.8	115	12.2	116	10.1	231	11.1
Dissatisfied - very dissatisfied	535	10.5	149	10.4	195	12.4	344	11.5	70	7.4	121	10.6	191	9.1
N/A	1070	21.0	451	31.6	288	18.4	739	24.7	192	20.3	139	12.1	331	15.8
<i>Missing</i>	24		4		4		8		5		11		16	
<i>The way your organisation is run?</i>														
Very satisfied - satisfied	3063	60.3	776	54.4	892	56.9	1668	55.7	639	67.7	756	66.2	1395	66.9
Neutral	1001	19.7	329	23.1	318	20.3	647	21.6	158	16.7	196	17.2	354	17.0
Dissatisfied - very dissatisfied	848	16.7	237	16.6	301	19.2	538	18.0	134	14.2	176	15.4	310	14.9
N/A	169	3.3	84	5.9	58	3.7	142	4.7	13	1.4	14	1.2	27	1.3
<i>Missing</i>	29		5		3		8		6		15		21	

	Total		NZWS						Māori NZWS					
	N=5110		N= 3003						N= 2107					
			Male		Female		Total		Male		Female		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Work Satisfaction: How satisfied are you with different aspects of your current job?														
<i>The total number of hours overtime offered/expected per week?</i>														
Very satisfied - satisfied	2042	40.2	509	35.6	559	35.7	1068	35.7	457	48.4	517	45.2	974	46.7
Neutral	598	11.8	154	10.8	169	10.8	323	10.8	130	13.8	145	12.7	275	13.2
Dissatisfied - very dissatisfied	486	9.6	134	9.4	152	9.7	286	9.6	95	10.1	105	9.2	200	9.6
N/A	1956	38.5	631	44.2	687	43.8	1318	44.0	262	27.8	376	32.9	638	30.6
<i>Missing</i>	28		3		5		8		6		14		20	
<i>Co-operation among you and your fellow workers?</i>														
Very satisfied - satisfied	4122	81.1	1121	78.6	1247	79.5	2368	79.1	797	84.5	957	83.5	1754	84.0
Neutral	451	8.9	144	10.1	157	10.0	301	10.1	63	6.7	87	7.6	150	7.2
Dissatisfied - very dissatisfied	173	3.4	52	3.7	57	3.6	109	3.6	24	2.6	40	3.5	64	3.1
N/A	338	6.7	109	7.6	108	6.9	217	7.3	59	6.3	62	5.4	121	5.8
<i>Missing</i>	26		5		3		8		7		11		18	
<i>Work, as a whole?</i>														
Very satisfied - satisfied	4269	84.0	1169	81.9	1289	82.3	2458	82.1	820	86.7	991	86.6	1811	86.7
Neutral	538	10.6	174	12.2	171	10.9	345	11.5	86	9.1	107	9.4	193	9.2
Dissatisfied - very dissatisfied	265	5.2	79	5.5	104	6.6	183	6.1	37	3.9	45	3.9	82	3.9
N/A	11	0.2	5	0.4	2	0.1	7	0.2	3	0.3	1	0.1	4	0.2
<i>Missing</i>	27		4		6		10		4		13		17	
<i>The level of physical demands of your work?</i>														
Very satisfied - satisfied	3391	66.7	937	65.6	984	62.8	1921	64.1	703	74.4	767	67.1	1470	70.4
Neutral	967	19.0	283	19.8	317	20.2	600	20.0	165	17.5	202	17.7	367	17.6
Dissatisfied - very dissatisfied	422	8.3	111	7.8	149	9.5	260	8.7	60	6.4	102	8.9	162	7.8
N/A	304	6.0	97	6.8	117	7.5	214	7.2	17	1.8	73	6.4	90	4.3
<i>Missing</i>	26		3		5		8		5		13		18	
Job Stress: In general, how do you find your current job?														
<i>Stress</i>														
Not at all - Mildly	2165	42.6	521	36.6	667	42.6	1188	39.7	451	47.7	526	46.1	977	46.8
Moderately	2157	42.5	691	48.5	660	42.2	1351	45.2	376	39.8	430	37.7	806	38.6
Very - Extremely	756	14.9	213	15.0	239	15.3	452	15.1	118	12.5	186	16.3	304	14.6
<i>Missing</i>	32		6		6		12		5		15		20	

Table 4A presents the overall prevalence of control measures including ventilation and PPE by gender and survey. For both surveys, males reported a higher prevalence of PPE use and higher prevalences of all individual PPE items (with the exception of apron use for the Māori NZWS).

Table 4A: Prevalence of control measures by gender and survey

	Total		NZWS				Māori NZWS				Missing
	N=5110		N= 3003				N= 2107				
	n	%	Male		Female		Male		Female		
n			%	n	%	n	%	n	%		
Ventilation											
No ventilation	147	2.9	26	1.8	24	1.5	63	6.7	34	3.0	19
Open doors and windows	2837	55.7	747	52.2	961	61.1	423	44.8	706	61.7	19
Ventilation fan ducted to outside	572	11.2	203	14.2	153	9.7	121	12.8	95	8.3	19
Air conditioning	2146	42.2	514	35.9	674	42.9	357	37.8	601	52.5	19
Fume hood with fan and air filters	170	3.3	45	3.1	25	1.6	50	5.3	50	4.4	19
Outside	448	8.8	269	18.8	71	4.5	90	9.5	18	1.6	19
Other	428	8.4	57	4.0	53	3.4	190	20.1	128	11.2	19
Effectiveness of ventilation											
Not at all	554	11.2	125	9.5	229	14.9	72	7.7	128	11.3	177
Moderately effective	1943	39.4	527	39.9	667	43.5	306	32.6	443	38.9	
Very effective	2289	46.4	621	47.0	598	39.0	529	56.3	541	47.5	
Don't know	147	3.0	48	3.6	40	2.6	33	3.5	26	2.3	
Personal Protective Equipment											
Use of PPE	2461	48.4	885	61.8	541	34.4	598	63.4	437	38.2	20*
Goggles**	924	18.2	451	31.5	117	7.5	280	29.7	76	6.6	2
Footwear**	1211	23.8	512	35.8	153	9.7	394	41.8	152	13.3	2
Apron**	987	19.4	439	30.7	277	17.6	115	12.2	156	13.6	2
Simple Dust Mask **	642	12.6	271	18.9	119	7.6	175	18.6	77	6.7	2
Filter Cartridge Respirator**	216	4.3	117	8.2	14	0.9	73	7.8	12	1.1	2
Air Supplied Respirator or SCBA**	49	1.0	28	2.0	1	0.1	18	1.9	2	0.2	2
Rubber or Plastic Gloves**	1401	27.5	446	31.2	389	24.8	272	28.9	294	25.7	2
Hearing protection**	802	15.8	452	31.6	63	4.0	239	25.4	48	4.2	2
Other**	681	13.4	233	16.3	58	3.7	265	28.1	125	10.9	2

* 2 Participants that didn't know if they use PPE were included in the missing information.

**The 20 participants who did not answer the initial PPE question were excluded from the specific PPE prevalences.

Table 5A compares the prevalence of various occupational exposures between males and females for both surveys. Odds ratios (OR) and 95% confidence intervals (CI) were calculated using unconditional logistic regression for males compared to females.

In the NZWS, male workers were over 2.5 times more likely to report exposure to dust and chemical factors. After further adjustment for SES, 1-digit occupational and industry code, the ORs were attenuated but male workers were still almost twice as likely to report exposure to dust and chemical factors compared to females. Males were also more likely to be exposed to loud noise (OR=2.07; 95% CI 1.73-2.48); use tools that vibrate (OR=2.86; 95% CI 2.17-3.77); work night shift in the previous month (OR=3.02; 95% CI 2.18-4.18) and work irregular hours (OR=1.77; 95% CI 1.47-2.14). On the other hand, men were 39% less likely to report carrying out repetitive tasks (OR=0.61; 95% CI 0.51-0.72), 35% less likely to report working at very high speed (OR=0.65; 95% CI 0.56-0.77), and 21% less likely to report awkward or tiring positions a quarter of the time or more (OR=0.79; 95% CI 0.67-0.92). Males were more likely to report a moderately stressful job (OR=1.61; 95% CI 1.36-1.91) and a very or extremely stressful job (OR=1.46; 95% CI 1.15-1.84) compared to females.

In the Māori NZWS, adjustment for occupational and industry distribution attenuated the effect estimates for the dust/chemical factors but males were still more likely to be exposed, particularly for oils and solvents and acids or alkalis. Males were also more likely to be exposed to loud noise (OR=1.59; 95% CI 1.27-1.99), use tools that vibrate (OR=2.27; 95% CI 1.71-3.02), work night shift in the previous month (OR=1.90; 95% CI 1.36-2.67), and work irregular hours (OR=1.72; 95% CI 1.36-2.19). A very or extremely stressful job was the only occupational risk factor where females were more likely to be exposed but this was no longer significant after adjusting for occupational and industry distribution.

Table 5A: Differences in occupational exposure prevalence between males and females

Exposure	NZWS					Māori NZWS				
	Male	Female	Adjusted for age	Adjusted for age and SES	Adjusted for age, SES occupation (1 st digit) and industry	Male	Female	Adjusted for age	Adjusted for age and SES	Adjusted for age, SES occupation (1 st digit) and industry
	1,420	1,562	N=2982 ^b OR ^a (95% CI)	N=2982 ^b OR ^a (95% CI)	N=2982 ^b OR ^a (95% CI)	935	1,139	n = 2074 ^c OR ^a (95% CI)	n = 2074 ^c OR ^a (95% CI)	n = 2074 ^c OR ^a (95% CI)
	%	%				%	%			
Dust/chemical factors										
Dust	40.4	19.5	2.81 (2.38-3.31)*	2.84 (2.41-3.35)*	1.92 (1.60-2.30)*	45.5	25.8	2.41 (2.00-2.90)*	2.45 (2.03 -2.95)*	1.39 (1.11-1.74)*
Smoke/Fume/Gas	29.4	14.0	2.60 (2.16-3.12)*	2.63 (2.19-3.16)*	2.14 (1.76-2.60)*	34.3	17.3	2.51 (2.05-3.08)*	2.57 (2.09-3.16)*	1.75 (1.37-2.24)*
Oils and Solvents	29.7	12.9	2.96 (2.45-3.57)*	3.02 (2.50-3.65)*	2.36 (1.93-2.89)*	28.8	10.1	3.64 (2.86-4.63)*	3.67 (2.88-4.68)*	2.32 (1.74-3.09)*
Acids or alkalis	13.5	5.8	2.60 (2.00-3.39)*	2.61 (2.00-3.39)*	1.93 (1.46-2.55)*	14.4	5.1	3.14 (2.28-4.33)*	3.12 (2.26-4.31)*	2.39 (1.64-3.48)*
Pesticides	14.6	5.1	3.12 (2.39-4.10)*	3.11 (2.37-4.08)*	2.00 (1.50-2.68)*	13.8	6.3	2.37 (1.75-3.20)*	2.41 (1.78-3.27)*	1.50 (1.03-2.17)*
Other Chemical Products	13.5	13.8	1.00 (0.81-1.24)	1.01 (0.82-1.24)	0.90 (0.72-1.13)	64.6	45.7	2.19 (1.83-2.61)*	2.23 (1.86-2.67)*	1.42 (1.14-1.76)*
Physical factors										
Lifting ^d	43.0	35.8	1.39 (1.20-1.62)*	1.43 (0.82-1.24)	1.04 (0.88-1.23)	62.5	48.5	1.79 (1.50-2.13)*	1.84 (1.54-2.20)*	1.33 (1.07-1.65)*
Loud noise ^d	39.9	20.6	2.66 (2.26-3.14)*	2.78 (2.35-3.28)*	2.07 (1.73-2.48)*	57.8	33.9	2.71 (2.26-3.25)*	2.86 (2.38-3.44)*	1.59 (1.27-1.99)*
Awkward or tiring positions ^d	54.4	57.7	0.90 (0.78-1.04)	0.90 (0.78-1.04)	0.79 (0.67-0.92)*	69.9	61.7	1.45 (1.20-1.74)*	1.46 (1.21-1.76)*	1.14 (0.92-1.42)
Awkward grip or hand movements ^d	40.5	36.1	1.24 (1.07-1.45)*	1.26 (1.09-1.47)	1.07 (0.91-1.26)	56.4	43.2	1.71 (1.43-2.04)*	1.74 (1.46-2.08)*	1.25 (1.01-1.54)*
Standing ^d	27.2	28.7	0.94 (0.80-1.10)	0.95 (0.81-1.11)	0.85 (0.71-1.01)	33.0	30.1	1.14 (0.95-1.38)*	1.16 (0.96-1.40)	0.99 (0.79-1.24)
Tools that vibrate ^d	17.4	5.7	3.73 (2.89-4.83)*	3.85 (2.97-4.98)	2.86 (2.17-3.77)*	34.2	10.6	4.42 (3.50-5.58)*	4.59 (3.62-5.81)*	2.27 (1.71-3.02)*
Organisational factors										
Repetitive tasks ^d	64.8	71.4	0.77 (0.66-0.90)*	0.78 (0.67-0.91)*	0.61 (0.51-0.72)*	80.3	78.8	1.10 (0.89-1.37)	1.13 (0.91-1.41)	0.92 (0.72-1.19)
Working at very high speed ^d	47.0	55.2	0.74 (0.64-0.86)*	0.75 (0.65-0.87)*	0.65 (0.56-0.77)*	58.9	59.5	0.99 (0.83-1.18)	0.98 (0.82-1.18)	0.83 (0.67-1.02)
Working to tight deadlines ^d	75.0	71.4	1.27 (1.07-1.50)*	1.25 (1.06-1.48)*	1.34 (1.13-1.60)*	80.7	78.8	1.15 (0.92-1.43)	1.13 (0.91-1.41)	0.99 (0.76-1.29)
Night shift	10.3	4.2	2.62 (1.93-3.57)*	2.65 (1.95-3.60)*	3.02 (2.18-4.18)*	13.4	8.2	1.74 (1.31-2.32)*	1.77 (1.33-2.36)*	1.90 (1.36-2.67)*
Irregular hours	28.7	17.1	1.97 (1.65-2.35)*	1.98 (1.66-2.37)*	1.77 (1.47-2.14)*	34.2	23.0	1.74 (1.43-2.12)*	1.77 (1.45-2.15)*	1.72 (1.36-2.19)*
Stress										
Not at all-Mildly	36.5	42.6	1.00 (ref)	1.00 (ref)	1.00 (ref)	47.9	46.1	1.00 (ref)	1.00 (ref)	1.00 (ref)
Moderately	48.6	42.1	1.37 (1.17-1.60)*	1.34 (1.15-1.58)*	1.61 (1.36-1.91)*	39.6	37.7	1.02 (0.84-1.23)	1.02 (0.84-1.23)	1.03 (0.83-1.29)
Very-Extremely	15.0	15.2	1.15 (0.92-1.43)	1.15 (0.92-1.43)	1.46 (1.15-1.84)*	12.5	16.3	0.74 (0.57-0.96)*	0.73 (0.56-0.95)*	0.82 (0.60-1.12)

*Statistically significant p<0.05

^aORs and 95% CIs were calculated using unconditional logistic regression for Males compared to Females

^b21 participants who took part in the NZWS survey were excluded because they either provided no ethnicity information, could not be assigned an occupational group or industry (unemployed, a student, a housewife/husband or did not answer), or if deprivation index could not be classified.

^c33 participants who took part in the Māori NZWS survey were excluded because they either provided no ethnicity information, could not be assigned an occupational group or industry (unemployed, a student, a housewife/husband or did not answer), or if deprivation index could not be classified.

^d≥25% of the time

The prevalence of self-reported exposure and control measures by 1-digit NZSCO occupational group (i.e. 9 major occupational groups) by gender is presented in Table 6A.

For both surveys, the overall results show that the elevated risks for males or females presented in Table 5A exist within the broad 1-digit occupational groups. However, the table also provides information on the exceptions, for example, in the NZWS there were similar prevalences between males and females for dust exposure in agricultural workers and oils and solvents and acids or alkalis for elementary occupations. For lifting, females reported higher prevalences among professionals (which includes nurses) and plant and machine operators and assemblers. In the Māori NZWS, there were similar prevalences between men and women for dust and pesticide exposure amongst agricultural workers and similarly to the NZWS, a higher prevalence of lifting for female professionals. It is important to note that there are a number of different specific occupations within these broad 1-digit groups, which therefore increase gender differences in occupational distribution.

Table 6A: Prevalence of current job exposures and control measures by 1-digit occupation (i.e. 9 major occupational groups), gender and survey

			Organisational factors					Current Exposure							
			N	Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above
NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	Gender													
1 – Legislators, administrators and managers	Total	Male	383	51.2%	21.1%	22.3%	9.4%	28.1%	20.1%	5.7%	16.4%	6.5%	6.0%	7.3%	43.0%
		Female	310	25.6%	12.0%	19.3%	4.3%	16.0%	6.4%	4.2%	7.7%	3.2%	3.2%	8.9%	31.0%
	NZWS	Male	280	53.6%	19.3%	20.7%	9.2%	27.9%	20.0%	6.4%	17.1%	5.4%	3.9%	6.8%	42.9%
		Female	176	25.0%	9.7%	15.1%	1.8%	15.3%	6.8%	1.7%	8.5%	4.0%	3.4%	8.0%	29.5%
	Māori NZWS	Male	103	44.7%	26.2%	26.7%	10.1%	28.8%	20.2%	3.8%	14.4%	9.6%	11.5%	8.7%	43.3%
		Female	134	26.3%	15.0%	24.4%	7.4%	16.8%	5.8%	7.3%	6.6%	2.2%	2.9%	10.2%	32.8%
2 – Professionals	Total	Male	347	33.2%	12.2%	22.7%	9.2%	23.1%	11.2%	8.1%	15.9%	7.8%	4.9%	11.2%	37.5%
		Female	618	16.9%	6.0%	17.1%	8.4%	18.1%	8.4%	6.9%	8.9%	5.3%	3.9%	14.2%	35.9%
	NZWS	Male	235	33.6%	12.8%	21.5%	9.2%	22.1%	12.8%	10.2%	16.2%	8.1%	6.0%	11.5%	38.7%
		Female	392	18.7%	6.4%	17.6%	7.0%	14.5%	8.2%	7.4%	9.4%	5.9%	2.6%	14.3%	33.4%
	Māori NZWS	Male	112	32.4%	11.1%	25.0%	9.2%	25.0%	8.0%	3.6%	15.2%	7.1%	2.7%	10.7%	34.8%
		Female	226	13.8%	5.3%	16.1%	10.7%	24.2%	8.8%	6.2%	7.9%	4.4%	6.2%	14.1%	40.1%
3 – Technicians and associate professionals	Total	Male	288	20.9%	7.3%	24.2%	12.5%	25.9%	17.2%	6.6%	19.0%	9.7%	9.0%	10.7%	43.8%
		Female	479	8.8%	2.3%	14.6%	4.9%	16.9%	9.6%	3.8%	10.6%	5.2%	3.3%	11.7%	35.1%
	NZWS	Male	181	20.0%	6.1%	20.6%	10.3%	23.2%	13.8%	5.5%	20.4%	9.9%	8.3%	9.4%	39.8%
		Female	280	10.4%	2.5%	14.7%	2.6%	17.1%	11.1%	3.6%	12.9%	5.7%	4.6%	11.4%	34.6%
	Māori NZWS	Male	107	22.4%	9.3%	30.4%	16.0%	30.3%	22.9%	8.3%	16.5%	9.2%	10.1%	12.8%	50.5%
		Female	199	6.6%	2.0%	14.4%	8.1%	16.6%	7.5%	4.0%	7.5%	4.5%	1.5%	12.1%	35.7%
4 – Clerks	Total	Male	108	8.3%	0.9%	23.1%	4.8%	32.4%	22.2%	8.3%	10.2%	8.3%	4.6%	10.2%	46.3%
		Female	457	3.9%	1.5%	10.0%	2.5%	20.1%	9.8%	3.3%	6.6%	1.5%	3.1%	9.8%	34.1%
	NZWS	Male	68	8.8%	1.5%	18.5%	3.1%	25.0%	17.6%	5.9%	10.3%	5.9%	5.9%	10.3%	38.2%
		Female	284	3.2%	0.4%	7.6%	2.2%	16.9%	9.2%	2.5%	6.7%	1.4%	1.8%	10.6%	32.4%
	Māori NZWS	Male	40	7.5%	0.0%	30.8%	7.5%	45.0%	30.0%	12.5%	10.0%	12.5%	2.5%	10.0%	60.0%
		Female	173	5.2%	3.5%	14.0%	2.9%	25.4%	11.0%	4.6%	6.4%	1.7%	5.2%	8.7%	37.0%
5 – Service and sales workers	Total	Male	175	25.4%	9.8%	48.0%	21.6%	24.0%	32.0%	15.4%	24.6%	10.3%	8.6%	13.1%	54.9%
		Female	500	6.4%	4.1%	30.0%	7.8%	21.0%	17.4%	9.4%	17.4%	7.6%	3.4%	21.2%	54.8%
	NZWS	Male	90	28.1%	10.1%	44.8%	18.2%	23.3%	30.0%	14.4%	23.3%	13.3%	5.6%	13.3%	57.8%
		Female	273	5.9%	3.3%	25.7%	5.8%	17.9%	15.8%	7.7%	20.1%	7.0%	1.8%	18.7%	52.7%
	Māori NZWS	Male	85	22.6%	9.5%	51.2%	25.3%	24.7%	34.1%	16.5%	25.9%	7.1%	11.8%	12.9%	51.8%
		Female	227	6.9%	5.1%	35.1%	10.1%	24.7%	19.4%	11.5%	14.1%	8.4%	5.3%	24.2%	57.3%

			Organisational factors					Current Exposure							
			N	Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above
NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	Gender													
6 – Agricultural and fishery workers	Total	Male	204	54.7%	33.8%	44.3%	7.7%	56.9%	37.3%	8.3%	44.1%	26.5%	59.3%	17.6%	89.2%
		Female	102	10.0%	7.0%	31.2%	3.1%	54.9%	20.6%	2.0%	16.7%	14.7%	51.0%	17.6%	78.4%
	NZWS	Male	125	60.0%	36.8%	47.0%	6.7%	56.0%	31.2%	9.6%	44.0%	30.4%	67.2%	12.8%	92.0%
		Female	61	8.3%	5.0%	29.1%	3.4%	55.7%	16.4%	0.0%	16.4%	16.4%	54.1%	13.1%	80.3%
	Māori NZWS	Male	79	46.1%	28.9%	40.3%	9.3%	58.2%	46.8%	6.3%	44.3%	20.3%	46.8%	25.3%	84.8%
		Female	41	12.5%	10.0%	34.2%	2.6%	53.7%	26.8%	4.9%	17.1%	12.2%	46.3%	24.4%	75.6%
7 – Trade workers	Total	Male	365	27.4%	10.8%	22.7%	5.4%	73.7%	41.1%	19.2%	57.8%	20.8%	17.5%	25.8%	87.9%
		Female	30	3.4%	0.0%	14.3%	0.0%	46.7%	16.7%	13.3%	33.3%	10.0%	3.3%	33.3%	76.7%
	NZWS	Male	236	25.4%	9.3%	24.6%	5.0%	77.1%	40.3%	19.1%	61.4%	23.7%	17.8%	25.0%	90.3%
		Female	18	5.6%	0.0%	11.8%	0.0%	55.6%	27.8%	11.1%	33.3%	16.7%	5.6%	44.4%	83.3%
	Māori NZWS	Male	129	31.2%	13.6%	19.2%	6.3%	67.4%	42.6%	19.4%	51.2%	15.5%	17.1%	27.1%	83.7%
		Female	12	0.0%	0.0%	18.2%	0.0%	33.3%	0.0%	16.7%	33.3%	0.0%	0.0%	16.7%	66.7%
8 – Plant and machine operators and assemblers	Total	Male	372	35.1%	18.0%	50.1%	18.2%	54.6%	38.4%	15.9%	34.7%	18.0%	10.8%	16.4%	76.3%
		Female	90	13.6%	6.8%	38.9%	11.2%	46.7%	25.6%	12.2%	17.8%	6.7%	7.8%	22.2%	67.8%
	NZWS	Male	155	38.3%	17.5%	54.0%	20.4%	55.5%	41.9%	16.8%	36.1%	13.5%	12.3%	15.5%	76.8%
		Female	31	3.2%	3.2%	29.0%	6.7%	51.6%	16.1%	12.9%	16.1%	3.2%	3.2%	16.1%	71.0%
	Māori NZWS	Male	217	32.9%	18.3%	47.3%	16.7%	53.9%	35.9%	15.2%	33.6%	21.2%	9.7%	17.1%	76.0%
		Female	59	19.3%	8.8%	44.1%	13.6%	44.1%	30.5%	11.9%	18.6%	8.5%	10.2%	25.4%	66.1%
9 – Elementary occupations	Total	Male	130	31.5%	11.5%	40.3%	18.5%	60.8%	35.4%	15.4%	31.5%	17.7%	21.5%	20.8%	80.0%
		Female	131	8.6%	3.9%	29.9%	6.3%	35.4%	17.7%	6.9%	21.5%	9.2%	7.7%	26.2%	61.5%
	NZWS	Male	60	38.3%	10.0%	48.3%	17.6%	48.3%	31.7%	15.0%	33.3%	13.3%	23.3%	21.7%	71.7%
		Female	57	14.3%	3.6%	35.7%	5.4%	26.3%	15.8%	3.5%	31.6%	14.0%	8.8%	22.8%	61.4%
	Māori NZWS	Male	70	25.7%	12.9%	33.3%	19.1%	71.4%	38.6%	15.7%	30.0%	21.4%	20.0%	20.0%	87.1%
		Female	74	4.2%	4.2%	25.4%	7.0%	42.5%	19.2%	9.6%	13.7%	5.5%	6.8%	28.8%	61.6%

Physical factors (≥25% of the time)

NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	Gender	N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
1 – Legislators, administrators and managers	Total	Male	383	44.4%	30.9%	30.7%	56.7%	45.7%	82.0%	36.9%	21.5%	22.9%	22.2%	81.4%	10.4%	33.2%	24.5%
		Female	310	50.6%	32.4%	35.3%	66.9%	57.1%	79.9%	38.8%	18.9%	26.2%	22.0%	76.0%	2.9%	12.8%	19.5%
	NZWS	Male	280	41.1%	28.9%	24.3%	52.7%	42.3%	81.1%	36.0%	16.9%	17.0%	21.1%	83.8%	7.9%	26.3%	22.1%
		Female	176	50.3%	32.0%	26.9%	62.9%	56.6%	77.8%	38.9%	19.3%	21.6%	18.8%	77.8%	1.7%	8.6%	16.5%
	Māori NZWS	Male	103	53.4%	36.3%	48.1%	67.3%	54.8%	84.6%	39.4%	33.7%	38.5%	25.0%	75.0%	17.3%	51.9%	30.8%
		Female	134	51.1%	32.8%	46.0%	72.1%	57.7%	82.5%	38.7%	18.4%	32.1%	26.3%	73.7%	4.4%	18.2%	23.4%
2 – Professionals	Total	Male	347	44.4%	30.6%	23.6%	53.6%	37.6%	81.4%	34.6%	16.5%	24.0%	23.9%	81.2%	9.8%	28.0%	21.6%
		Female	618	58.7%	30.5%	33.5%	61.6%	48.0%	82.0%	31.9%	17.6%	29.5%	25.3%	77.9%	3.4%	24.7%	22.0%
	NZWS	Male	235	37.4%	27.8%	19.1%	51.5%	36.8%	79.0%	32.3%	12.4%	17.5%	22.6%	80.7%	8.1%	20.8%	19.6%
		Female	392	55.8%	29.0%	29.4%	55.6%	47.3%	77.9%	31.7%	14.1%	26.7%	26.2%	76.3%	3.1%	20.0%	19.7%
	Māori NZWS	Male	112	58.9%	36.6%	33.0%	58.0%	39.3%	86.6%	39.3%	25.0%	37.5%	26.8%	82.1%	13.4%	42.9%	25.9%
		Female	226	63.7%	33.2%	40.7%	72.0%	49.1%	88.9%	32.3%	23.6%	34.4%	23.9%	80.5%	4.0%	32.9%	26.1%
3 – Technicians and associate professionals	Total	Male	288	54.0%	36.5%	38.5%	65.4%	41.8%	76.7%	37.2%	22.7%	29.0%	24.6%	81.0%	11.1%	39.4%	29.1%
		Female	479	56.3%	35.9%	33.2%	71.6%	50.8%	73.6%	38.8%	22.0%	25.3%	20.6%	76.0%	5.4%	26.3%	20.9%
	NZWS	Male	181	50.6%	29.4%	33.0%	60.0%	36.0%	73.6%	32.4%	13.5%	20.2%	23.9%	82.2%	5.6%	29.2%	21.1%
		Female	280	57.0%	37.5%	30.7%	70.8%	48.7%	73.0%	43.6%	21.5%	22.2%	21.9%	75.0%	5.0%	22.1%	16.4%
	Māori NZWS	Male	107	59.6%	48.1%	47.7%	74.3%	51.4%	81.7%	45.0%	38.0%	43.5%	25.7%	78.9%	20.2%	56.0%	42.2%
		Female	199	55.3%	33.7%	36.7%	72.9%	53.8%	74.4%	32.0%	22.6%	29.6%	18.8%	77.4%	6.0%	32.2%	27.1%
4 – Clerks	Total	Male	108	56.5%	38.9%	38.9%	77.8%	53.7%	75.7%	52.8%	24.3%	31.8%	28.0%	74.1%	8.3%	30.6%	30.6%
		Female	457	51.9%	38.9%	26.9%	83.7%	64.8%	76.8%	51.2%	18.4%	27.3%	23.4%	88.6%	2.8%	12.1%	19.8%
	NZWS	Male	68	50.0%	32.4%	27.9%	70.6%	48.5%	71.6%	51.5%	16.2%	22.1%	25.4%	75.0%	4.4%	20.6%	23.5%
		Female	284	50.4%	34.5%	23.2%	82.3%	60.6%	70.4%	51.2%	12.4%	20.1%	21.8%	89.8%	2.8%	7.8%	13.5%
	Māori NZWS	Male	40	67.5%	50.0%	57.5%	90.0%	62.5%	82.5%	55.0%	38.5%	48.7%	32.5%	72.5%	15.0%	47.5%	42.5%
		Female	173	54.3%	46.2%	32.9%	86.0%	71.7%	87.3%	51.2%	28.3%	39.0%	26.0%	86.6%	2.9%	19.1%	30.1%
5 – Service and sales workers	Total	Male	175	61.5%	46.6%	57.7%	76.0%	61.1%	68.6%	50.3%	38.5%	47.4%	42.9%	55.4%	10.9%	54.0%	40.0%
		Female	500	69.0%	47.4%	60.1%	82.4%	60.4%	64.4%	38.6%	20.6%	39.0%	42.1%	36.5%	10.3%	24.5%	27.7%
	NZWS	Male	90	52.2%	38.9%	51.1%	68.9%	58.9%	70.0%	45.6%	34.8%	34.4%	41.1%	51.1%	10.0%	44.9%	36.7%
		Female	273	65.1%	39.3%	53.7%	81.0%	57.0%	60.1%	39.2%	15.1%	29.8%	44.1%	33.0%	8.4%	17.2%	21.2%
	Māori NZWS	Male	85	71.4%	54.8%	64.7%	83.5%	63.5%	67.1%	55.3%	42.4%	61.2%	44.7%	60.0%	11.8%	63.5%	43.5%
		Female	227	73.7%	57.1%	67.9%	84.1%	64.6%	69.6%	37.8%	27.1%	50.2%	39.6%	40.9%	12.5%	33.3%	35.6%

Physical factors (≥25% of the time)

NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	Gender	N		Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
6 – Agricultural and fishery workers	Total	Male	204		73.5%	58.4%	71.6%	83.0%	55.9%	66.5%	36.0%	65.8%	59.1%	26.7%	45.3%	41.0%	90.6%	60.7%
		Female	102		73.3%	56.0%	65.0%	84.8%	48.5%	61.0%	46.0%	55.4%	54.0%	33.7%	22.8%	19.8%	81.0%	43.6%
	NZWS	Male	125		71.3%	52.4%	70.2%	77.0%	50.8%	61.8%	35.2%	55.4%	46.7%	25.8%	49.2%	30.6%	92.8%	54.8%
		Female	61		75.4%	50.8%	65.6%	81.7%	45.9%	55.7%	46.7%	47.5%	39.3%	34.4%	21.3%	14.8%	86.7%	36.1%
	Māori NZWS	Male	79		76.9%	67.9%	74.0%	92.3%	64.1%	74.0%	37.2%	82.1%	78.2%	28.2%	39.0%	57.9%	87.2%	70.1%
		Female	41		70.0%	64.1%	64.1%	89.7%	52.5%	69.2%	45.0%	67.5%	76.9%	32.5%	25.0%	27.5%	72.5%	55.0%
7 – Trade workers	Total	Male	365		76.2%	67.4%	73.6%	79.6%	61.3%	78.8%	48.1%	54.1%	54.4%	33.6%	24.7%	45.4%	58.8%	75.0%
		Female	30		62.1%	53.3%	63.3%	76.7%	80.0%	86.7%	46.7%	46.7%	43.3%	43.3%	36.7%	40.0%	23.3%	58.6%
	NZWS	Male	236		72.0%	62.7%	68.6%	75.3%	59.3%	76.3%	47.9%	44.1%	46.2%	32.2%	23.7%	38.0%	52.3%	71.2%
		Female	18		64.7%	66.7%	61.1%	77.8%	94.4%	88.9%	55.6%	55.6%	44.4%	38.9%	50.0%	33.3%	22.2%	58.8%
	Māori NZWS	Male	129		83.7%	76.0%	82.8%	87.5%	64.8%	83.6%	48.4%	72.7%	69.5%	36.2%	26.6%	59.1%	70.9%	82.0%
		Female	12		58.3%	33.3%	66.7%	75.0%	58.3%	83.3%	33.3%	33.3%	41.7%	50.0%	16.7%	50.0%	25.0%	58.3%
8 – Plant and machine operators and assemblers	Total	Male	372		69.3%	56.8%	64.4%	80.4%	57.5%	76.8%	47.3%	57.6%	54.3%	34.5%	63.6%	36.2%	61.0%	73.0%
		Female	90		75.6%	56.7%	64.4%	84.4%	77.8%	86.7%	63.3%	63.3%	51.1%	61.1%	56.7%	34.8%	18.9%	70.0%
	NZWS	Male	155		64.3%	48.7%	54.8%	73.0%	49.7%	74.0%	55.5%	42.1%	44.2%	29.7%	66.5%	27.3%	57.1%	67.7%
		Female	31		77.4%	48.4%	61.3%	83.9%	80.6%	80.6%	64.5%	48.4%	32.3%	51.6%	48.4%	25.8%	3.2%	58.1%
	Māori NZWS	Male	217		72.8%	62.5%	71.3%	85.6%	63.0%	78.7%	41.4%	68.5%	61.6%	38.0%	61.6%	42.6%	63.7%	76.9%
		Female	59		74.6%	61.0%	66.1%	84.7%	76.3%	89.8%	62.7%	71.2%	61.0%	66.1%	61.0%	39.7%	27.1%	76.3%
9 – Elementary occupations	Total	Male	130		80.8%	64.6%	75.4%	88.5%	63.8%	77.7%	57.4%	68.2%	58.1%	40.8%	46.9%	45.7%	74.6%	71.5%
		Female	131		63.1%	47.2%	57.7%	89.2%	64.3%	59.2%	44.6%	43.4%	39.2%	38.5%	16.9%	21.1%	23.8%	46.5%
	NZWS	Male	60		76.7%	56.7%	71.7%	86.7%	58.3%	68.3%	55.0%	54.2%	44.1%	41.7%	43.3%	32.2%	63.3%	61.7%
		Female	57		64.9%	50.9%	54.4%	91.2%	80.4%	64.9%	50.9%	35.7%	29.8%	45.6%	12.3%	12.7%	17.5%	42.1%
	Māori NZWS	Male	70		84.3%	71.4%	78.6%	90.0%	68.6%	85.7%	59.4%	80.0%	70.0%	40.0%	50.0%	57.1%	84.3%	80.0%
		Female	74		61.6%	44.4%	60.3%	87.7%	52.1%	54.8%	39.7%	49.3%	46.6%	32.9%	20.5%	27.4%	28.8%	50.0%

			Ventilation								Personal Protective Equipment									
			N	No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	Gender																		
1 – Legislators, administrators and managers	Total	Male	383	1.6%	53.0%	13.3%	50.7%	3.7%	4.7%	5.2%	41.1%	18.8%	24.0%	14.8%	9.4%	5.7%	1.0%	17.4%	17.4%	10.9%
		Female	310	2.2%	60.3%	6.7%	55.4%	2.2%	1.0%	6.1%	20.8%	3.2%	7.4%	9.3%	2.6%	0.3%	0.0%	10.9%	2.2%	3.5%
	NZWS	Male	280	0.4%	55.4%	12.9%	51.4%	2.5%	5.0%	2.1%	41.4%	19.3%	24.3%	18.6%	8.9%	5.4%	1.1%	17.5%	17.9%	8.6%
		Female	176	2.8%	56.3%	5.1%	55.7%	0.6%	1.7%	2.8%	18.2%	5.1%	5.7%	9.7%	3.4%	0.0%	0.0%	11.4%	2.8%	2.8%
	Māori NZWS	Male	103	4.9%	46.6%	14.6%	48.5%	6.8%	3.9%	13.6%	40.4%	17.3%	23.1%	4.8%	10.6%	6.7%	1.0%	17.3%	16.3%	17.3%
		Female	134	1.5%	65.4%	8.8%	55.1%	4.4%	0.0%	10.3%	24.3%	0.7%	9.6%	8.8%	1.5%	0.7%	0.0%	10.3%	1.5%	4.4%
2 – Professionals	Total	Male	347	0.9%	55.6%	8.6%	53.9%	3.2%	5.2%	5.2%	34.9%	17.0%	17.6%	15.6%	8.1%	4.3%	0.6%	16.7%	11.2%	15.3%
		Female	618	1.0%	69.5%	7.0%	44.2%	1.9%	1.3%	4.5%	30.7%	8.0%	5.5%	13.8%	8.9%	0.2%	0.0%	25.9%	1.3%	4.6%
	NZWS	Male	235	0.9%	56.6%	7.7%	51.1%	2.6%	7.2%	3.0%	39.1%	19.6%	20.0%	20.9%	10.2%	4.3%	0.0%	19.1%	13.6%	15.3%
		Female	392	0.5%	69.9%	7.7%	39.5%	2.3%	1.5%	2.6%	32.5%	9.7%	5.6%	16.6%	11.0%	0.0%	0.0%	27.4%	1.5%	2.8%
	Māori NZWS	Male	112	0.9%	53.6%	10.7%	59.8%	4.5%	0.9%	9.8%	25.9%	11.6%	12.5%	4.5%	3.6%	4.5%	1.8%	11.6%	6.3%	15.2%
		Female	226	1.8%	68.9%	5.8%	52.4%	1.3%	0.9%	8.0%	27.6%	4.9%	5.4%	8.9%	5.4%	0.4%	0.0%	23.2%	0.9%	7.6%
3 – Technicians and associate professionals	Total	Male	288	3.1%	49.7%	10.0%	47.6%	4.5%	7.6%	9.0%	41.5%	19.0%	20.4%	15.2%	9.7%	4.2%	1.0%	20.1%	14.2%	15.2%
		Female	479	1.3%	57.2%	5.4%	54.1%	2.9%	2.1%	5.8%	29.2%	8.1%	8.1%	13.8%	6.5%	1.0%	0.4%	20.3%	3.8%	7.5%
	NZWS	Male	181	1.7%	48.1%	10.5%	46.4%	5.5%	8.3%	5.5%	41.4%	17.7%	19.3%	20.4%	9.4%	2.8%	1.7%	19.9%	14.9%	12.2%
		Female	280	1.1%	56.1%	6.4%	50.0%	2.1%	3.2%	4.3%	29.3%	9.3%	6.1%	15.4%	7.9%	1.4%	0.4%	19.6%	4.3%	4.3%
	Māori NZWS	Male	107	5.5%	52.3%	9.2%	49.5%	2.8%	6.4%	14.7%	41.7%	21.3%	22.2%	6.5%	10.2%	6.5%	0.0%	20.4%	13.0%	20.4%
		Female	199	1.5%	58.8%	4.0%	59.8%	4.0%	0.5%	8.0%	29.1%	6.5%	11.1%	11.6%	4.5%	0.5%	0.5%	21.1%	3.0%	12.1%
4 – Clerks	Total	Male	108	0.9%	49.1%	13.9%	56.5%	3.7%	5.6%	5.6%	42.6%	13.9%	29.6%	11.1%	8.3%	1.9%	0.9%	13.9%	9.3%	13.9%
		Female	457	1.1%	54.6%	3.5%	60.1%	0.9%	2.6%	5.9%	14.7%	2.2%	6.4%	4.2%	1.1%	0.4%	0.0%	4.6%	2.6%	5.0%
	NZWS	Male	68	0.0%	50.0%	13.2%	52.9%	4.4%	7.4%	1.5%	39.7%	16.2%	27.9%	14.7%	8.8%	2.9%	1.5%	16.2%	8.8%	4.4%
		Female	284	1.4%	53.5%	3.5%	55.3%	0.0%	2.8%	4.2%	12.7%	2.5%	4.2%	4.9%	0.7%	0.7%	0.0%	4.9%	3.5%	1.8%
	Māori NZWS	Male	40	2.5%	47.5%	15.0%	62.5%	2.5%	2.5%	12.5%	47.5%	10.0%	32.5%	5.0%	7.5%	0.0%	0.0%	10.0%	10.0%	30.0%
		Female	173	0.6%	56.4%	3.5%	68.0%	2.3%	2.3%	8.7%	18.0%	1.7%	9.9%	2.9%	1.7%	0.0%	0.0%	4.1%	1.2%	10.5%
5 – Service and sales workers	Total	Male	175	2.9%	50.3%	17.1%	44.6%	5.7%	6.9%	11.4%	61.3%	16.2%	29.5%	24.3%	6.9%	2.9%	4.0%	34.1%	12.1%	23.1%
		Female	500	2.4%	67.9%	15.6%	40.3%	5.4%	1.4%	9.0%	53.6%	5.0%	14.0%	28.8%	7.2%	0.2%	0.2%	42.0%	1.6%	5.6%
	NZWS	Male	90	2.2%	52.2%	20.0%	45.6%	1.1%	6.7%	4.4%	61.1%	17.8%	27.8%	34.4%	7.8%	3.3%	6.7%	36.7%	13.3%	16.7%
		Female	273	1.8%	70.3%	18.3%	33.7%	2.2%	2.2%	3.3%	51.6%	4.8%	12.8%	30.8%	6.6%	0.0%	0.0%	40.7%	1.5%	2.2%
	Māori NZWS	Male	85	3.5%	48.2%	14.1%	43.5%	10.6%	7.1%	18.8%	61.4%	14.5%	31.3%	13.3%	6.0%	2.4%	1.2%	31.3%	10.8%	30.1%
		Female	227	3.1%	65.0%	12.4%	48.2%	9.3%	0.4%	15.9%	55.9%	5.3%	15.4%	26.4%	7.9%	0.4%	0.4%	43.6%	1.8%	9.7%

		Ventilation									Personal Protective Equipment									
		N	No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other	
NZSCO 1-DIGIT OCCUPATIONAL CODE	Study	Gender																		
6 – Agricultural and fishery workers	Total	Male	204	9.9%	24.6%	2.5%	7.9%	0.0%	58.6%	11.8%	87.3%	35.5%	57.6%	33.0%	20.7%	9.9%	0.5%	45.8%	49.3%	25.1%
		Female	102	8.8%	46.1%	7.8%	3.9%	1.0%	44.1%	9.8%	82.4%	19.6%	34.3%	24.5%	20.6%	8.8%	0.0%	49.0%	17.6%	18.6%
	NZWS	Male	125	3.2%	31.2%	2.4%	5.6%	0.0%	76.0%	0.8%	92.8%	40.8%	54.4%	45.6%	20.8%	14.4%	0.8%	54.4%	60.0%	20.0%
		Female	61	6.6%	42.6%	4.9%	1.6%	0.0%	60.7%	1.6%	88.5%	18.0%	41.0%	27.9%	18.0%	9.8%	0.0%	55.7%	21.3%	14.8%
	Māori NZWS	Male	79	20.5%	14.1%	2.6%	11.5%	0.0%	30.8%	29.5%	78.5%	26.9%	62.8%	12.8%	20.5%	2.6%	0.0%	32.1%	32.1%	33.3%
		Female	41	12.2%	51.2%	12.2%	7.3%	2.4%	19.5%	22.0%	73.2%	22.0%	24.4%	19.5%	24.4%	7.3%	0.0%	39.0%	12.2%	24.4%
7 – Trade workers	Total	Male	365	4.9%	62.2%	21.9%	12.1%	3.3%	15.9%	12.9%	91.2%	61.1%	56.4%	33.2%	48.5%	21.1%	4.4%	42.2%	57.8%	22.7%
		Female	30	6.7%	66.7%	33.3%	30.0%	3.3%	0.0%	3.3%	56.7%	20.0%	33.3%	30.0%	30.0%	6.7%	0.0%	26.7%	16.7%	6.7%
	NZWS	Male	236	3.4%	65.3%	25.8%	9.7%	3.8%	20.8%	5.5%	92.8%	64.8%	55.5%	44.5%	50.0%	18.6%	3.8%	45.3%	66.1%	20.8%
		Female	18	0.0%	66.7%	44.4%	27.8%	5.6%	0.0%	0.0%	55.6%	22.2%	33.3%	33.3%	27.8%	11.1%	0.0%	27.8%	16.7%	5.6%
	Māori NZWS	Male	129	7.8%	56.6%	14.7%	16.3%	2.3%	7.0%	26.4%	88.4%	54.3%	58.1%	12.4%	45.7%	25.6%	5.4%	36.4%	42.6%	26.4%
		Female	12	16.7%	66.7%	16.7%	33.3%	0.0%	0.0%	8.3%	58.3%	16.7%	33.3%	25.0%	33.3%	0.0%	0.0%	25.0%	16.7%	8.3%
8 – Plant and machine operators and assemblers	Total	Male	372	4.8%	40.9%	17.5%	33.3%	5.9%	19.4%	18.3%	84.1%	43.9%	58.5%	32.6%	22.1%	7.8%	2.7%	45.0%	40.4%	36.1%
		Female	90	5.6%	48.9%	23.3%	35.6%	5.6%	1.1%	11.1%	60.0%	24.4%	38.9%	34.4%	13.3%	3.3%	0.0%	38.9%	23.3%	16.7%
	NZWS	Male	155	2.6%	45.8%	20.6%	29.7%	3.9%	29.0%	7.1%	87.1%	41.9%	57.4%	47.7%	20.6%	9.7%	2.6%	47.7%	41.9%	28.4%
		Female	31	0.0%	54.8%	38.7%	22.6%	3.2%	0.0%	3.2%	51.6%	16.1%	32.3%	38.7%	9.7%	0.0%	0.0%	29.0%	19.4%	9.7%
	Māori NZWS	Male	217	6.5%	37.3%	15.2%	35.9%	7.4%	12.4%	26.3%	81.9%	45.4%	59.3%	21.8%	23.1%	6.5%	2.8%	43.1%	39.4%	41.7%
		Female	59	8.5%	45.8%	15.3%	42.4%	6.8%	1.7%	15.3%	64.4%	28.8%	42.4%	32.2%	15.3%	5.1%	0.0%	44.1%	25.4%	20.3%
9 – Elementary occupations	Total	Male	130	7.0%	45.0%	14.7%	22.5%	7.0%	25.6%	14.0%	82.3%	33.1%	53.8%	27.7%	24.6%	6.2%	1.5%	35.4%	39.2%	26.9%
		Female	131	4.6%	58.5%	18.5%	38.5%	2.3%	2.3%	10.0%	72.3%	9.2%	23.1%	19.2%	14.6%	1.5%	0.0%	53.1%	10.8%	16.2%
	NZWS	Male	60	3.3%	45.0%	11.7%	21.7%	5.0%	36.7%	6.7%	81.7%	38.3%	50.0%	40.0%	26.7%	8.3%	1.7%	38.3%	48.3%	23.3%
		Female	57	1.8%	56.1%	22.8%	33.3%	1.8%	3.5%	5.3%	75.4%	7.0%	28.1%	33.3%	15.8%	0.0%	0.0%	59.6%	7.0%	10.5%
	Māori NZWS	Male	70	10.1%	44.9%	17.4%	23.2%	8.7%	15.9%	20.3%	82.9%	28.6%	57.1%	17.1%	22.9%	4.3%	1.4%	32.9%	31.4%	30.0%
		Female	74	6.8%	60.3%	15.1%	42.5%	2.7%	1.4%	13.7%	69.9%	11.0%	19.2%	8.2%	13.7%	2.7%	0.0%	47.9%	13.7%	20.5%

The prevalence of self-reported exposures and control measures by 1-digit ANZSIC industry group by gender is presented in Table 7A. The overall results show that the elevated risks for males or females presented in Table 5A exist within broad 1-digit industry groups. One of the exceptions is for awkward or tiring positions in the NZWS where males reported a higher prevalence for the majority of industries. There were also a number of industries where females reported a higher prevalence of standing, including finance and insurance, education, and personal and other services. In the Māori NZWS, females reported higher prevalences of repetitive tasks, working at very high speed, and standing for around half of the industries. They also reported higher prevalences of lifting a quarter of the time or more for the communication and education industries.

Table 7A: Prevalence of current job exposures and control measures by 1-digit industry, gender and survey

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender	N	Organisational factors				Current exposure								
				Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above	
A - Agriculture, Forestry and Fishing	Total	Male	217	56.1%	37.3%	50.5%	10.1%	60.2%	34.3%	8.3%	43.1%	23.6%	54.6%	15.3%	87.0%	
		Female	112	12.8%	8.3%	36.5%	4.7%	44.6%	17.9%	0.9%	14.3%	15.2%	42.0%	17.0%	69.6%	
	NZWS	Male	132	61.1%	39.7%	49.2%	7.9%	58.0%	28.2%	10.7%	42.0%	26.7%	61.8%	10.7%	88.5%	
		Female	66	9.2%	4.6%	36.7%	4.8%	47.0%	13.6%	0.0%	10.6%	15.2%	45.5%	12.1%	71.2%	
	Māori NZWS	Male	85	48.1%	33.3%	52.4%	13.8%	63.5%	43.5%	4.7%	44.7%	18.8%	43.5%	22.4%	84.7%	
		Female	46	18.2%	13.6%	36.4%	4.7%	41.3%	23.9%	2.2%	19.6%	15.2%	37.0%	23.9%	67.4%	
B - Mining	Total	Male	15	46.7%	26.7%	46.7%	21.4%	46.7%	26.7%	33.3%	26.7%	20.0%	0.0%	33.3%	73.3%	
		Female	3	0.0%	0.0%	0.0%	0.0%	66.7%	66.7%	0.0%	33.3%	33.3%	0.0%	0.0%	66.7%	
	NZWS	Male	9	44.4%	22.2%	55.6%	25.0%	33.3%	33.3%	44.4%	22.2%	33.3%	0.0%	44.4%	77.8%	
		Female	1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Māori NZWS	Male	6	50.0%	33.3%	33.3%	16.7%	66.7%	16.7%	16.7%	33.3%	0.0%	0.0%	16.7%	66.7%	
		Female	2	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	50.0%	50.0%	0.0%	0.0%	100.0%	
C - Manufacturing	Total	Male	429	29.2%	9.2%	40.7%	13.4%	55.6%	35.7%	16.7%	38.5%	23.7%	7.7%	21.6%	74.6%	
		Female	240	10.9%	3.8%	22.3%	3.8%	39.7%	15.9%	7.5%	17.6%	5.4%	5.4%	17.6%	58.2%	
	NZWS	Male	258	29.7%	9.0%	37.7%	11.6%	58.2%	37.1%	15.6%	39.8%	21.5%	7.4%	20.3%	73.4%	
		Female	142	9.9%	2.1%	19.9%	2.2%	39.4%	15.5%	4.2%	18.3%	6.3%	5.6%	16.2%	59.2%	
	Māori NZWS	Male	171	28.4%	9.5%	45.3%	16.1%	51.8%	33.5%	18.2%	36.5%	27.1%	8.2%	23.5%	76.5%	
		Female	98	12.4%	6.2%	25.8%	6.3%	40.2%	16.5%	12.4%	16.5%	4.1%	5.2%	19.6%	56.7%	
D - Electricity, Gas and Water Supply	Total	Male	28	17.9%	7.1%	23.1%	17.9%	42.9%	17.9%	17.9%	25.0%	17.9%	0.0%	7.1%	60.7%	
		Female	10	10.0%	10.0%	0.0%	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%	
	NZWS	Male	16	12.5%	6.3%	26.7%	12.5%	43.8%	25.0%	25.0%	25.0%	18.8%	0.0%	0.0%	56.3%	
		Female	5	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	
	Māori NZWS	Male	12	25.0%	8.3%	18.2%	25.0%	41.7%	8.3%	8.3%	25.0%	16.7%	0.0%	16.7%	66.7%	
		Female	5	20.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
E - Construction	Total	Male	328	34.5%	13.2%	17.7%	5.1%	75.1%	34.8%	11.4%	43.4%	15.4%	23.1%	22.2%	83.4%	
		Female	42	12.2%	4.9%	7.7%	4.9%	47.6%	19.0%	4.8%	21.4%	2.4%	4.8%	11.9%	59.5%	
	NZWS	Male	180	34.7%	12.5%	17.1%	5.3%	77.4%	28.2%	7.3%	45.8%	13.6%	22.6%	22.6%	84.7%	
		Female	29	13.8%	3.4%	3.7%	7.1%	41.4%	17.2%	3.4%	24.1%	3.4%	6.9%	13.8%	55.2%	
	Māori NZWS	Male	148	34.3%	14.0%	18.4%	4.9%	72.3%	42.6%	16.2%	40.5%	17.6%	23.6%	21.6%	81.8%	
		Female	13	8.3%	8.3%	16.7%	0.0%	61.5%	23.1%	7.7%	15.4%	0.0%	0.0%	7.7%	69.2%	
F - Wholesale Trade	Total	Male	93	32.3%	6.5%	27.5%	7.7%	33.3%	23.7%	12.9%	22.6%	10.8%	4.3%	7.5%	53.8%	
		Female	63	11.5%	3.3%	14.3%	1.6%	25.4%	11.1%	9.5%	6.3%	4.8%	7.9%	12.7%	42.9%	
	NZWS	Male	72	34.7%	4.2%	24.3%	7.0%	30.6%	20.8%	11.1%	22.2%	5.6%	2.8%	6.9%	48.6%	
		Female	40	10.3%	2.6%	10.0%	0.0%	25.0%	7.5%	7.5%	7.5%	2.5%	5.0%	12.5%	37.5%	
	Māori NZWS	Male	21	23.8%	14.3%	38.1%	10.0%	42.9%	33.3%	19.0%	23.8%	28.6%	9.5%	9.5%	71.4%	
		Female	23	13.6%	4.5%	21.7%	4.3%	26.1%	17.4%	13.0%	4.3%	8.7%	13.0%	13.0%	52.2%	

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender	N	Organisational factors				Current exposure							
				Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above
G - Retail Trade	Total	Male	185	31.4%	16.8%	23.3%	9.1%	36.2%	40.0%	14.6%	36.8%	17.3%	7.0%	12.4%	66.5%
		Female	256	6.6%	4.3%	20.4%	2.5%	29.3%	16.0%	8.2%	18.4%	6.6%	4.7%	15.6%	52.0%
	NZWS	Male	117	35.9%	17.1%	22.8%	6.4%	35.0%	38.5%	16.2%	37.6%	19.7%	4.3%	12.8%	65.8%
		Female	148	6.8%	3.4%	16.3%	0.7%	25.0%	12.2%	5.4%	17.6%	8.1%	2.7%	14.9%	48.0%
	Māori NZWS	Male	68	23.5%	16.2%	24.2%	13.4%	38.2%	42.6%	11.8%	35.3%	13.2%	11.8%	11.8%	67.6%
		Female	108	6.5%	5.6%	25.9%	4.8%	35.2%	21.3%	12.0%	19.4%	4.6%	7.4%	16.7%	57.4%
H - Accommodation, Cafes and Restaurants	Total	Male	49	33.3%	25.0%	63.8%	14.6%	18.4%	32.7%	22.4%	36.7%	22.4%	12.2%	18.4%	67.3%
		Female	130	11.6%	8.5%	35.9%	4.9%	19.2%	22.3%	17.7%	20.8%	10.8%	3.1%	23.1%	67.7%
	NZWS	Male	28	28.6%	17.9%	65.4%	10.7%	17.9%	25.0%	32.1%	28.6%	21.4%	14.3%	17.9%	67.9%
		Female	68	7.4%	7.4%	27.3%	3.3%	13.2%	26.5%	10.3%	26.5%	8.8%	1.5%	23.5%	67.6%
	Māori NZWS	Male	21	40.0%	35.0%	61.9%	20.0%	19.0%	42.9%	9.5%	47.6%	23.8%	9.5%	19.0%	66.7%
		Female	62	16.4%	9.8%	45.2%	6.5%	25.8%	17.7%	25.8%	14.5%	12.9%	4.8%	22.6%	67.7%
I - Transport and Storage	Total	Male	149	51.4%	25.7%	50.7%	24.1%	46.3%	40.9%	16.8%	30.9%	10.7%	8.7%	12.1%	67.8%
		Female	71	15.7%	5.7%	25.7%	16.2%	25.4%	28.2%	5.6%	11.3%	2.8%	4.2%	5.6%	35.2%
	NZWS	Male	75	53.3%	22.7%	51.4%	27.1%	40.0%	46.7%	20.0%	37.3%	13.3%	13.3%	9.3%	68.0%
		Female	34	14.7%	5.9%	20.6%	6.3%	11.8%	17.6%	2.9%	2.9%	0.0%	2.9%	2.9%	23.5%
	Māori NZWS	Male	74	49.3%	28.8%	50.0%	21.1%	52.7%	35.1%	13.5%	24.3%	8.1%	4.1%	14.9%	67.6%
		Female	37	16.7%	5.6%	30.6%	25.0%	37.8%	37.8%	8.1%	18.9%	5.4%	5.4%	8.1%	45.9%
J - Communication Services	Total	Male	39	33.3%	12.8%	31.6%	12.8%	23.1%	20.5%	7.7%	5.1%	7.7%	7.7%	12.8%	43.6%
		Female	61	11.5%	4.9%	23.7%	8.3%	19.7%	13.1%	6.6%	3.3%	0.0%	6.6%	3.3%	29.5%
	NZWS	Male	22	40.9%	13.6%	27.3%	18.2%	13.6%	27.3%	4.5%	4.5%	4.5%	0.0%	13.6%	31.8%
		Female	27	7.4%	3.7%	15.4%	7.7%	11.1%	14.8%	3.7%	3.7%	0.0%	0.0%	7.4%	25.9%
	Māori NZWS	Male	17	23.5%	11.8%	37.5%	5.9%	35.3%	11.8%	11.8%	5.9%	11.8%	17.6%	11.8%	58.8%
		Female	34	14.7%	5.9%	30.3%	8.8%	26.5%	11.8%	8.8%	2.9%	0.0%	11.8%	0.0%	32.4%
K - Finance and Insurance	Total	Male	51	29.4%	11.8%	16.3%	2.0%	13.7%	5.9%	3.9%	0.0%	0.0%	0.0%	2.0%	15.7%
		Female	109	5.5%	0.9%	1.9%	0.0%	4.6%	1.8%	0.0%	0.9%	0.0%	0.0%	0.0%	6.4%
	NZWS	Male	41	29.3%	12.2%	17.9%	0.0%	9.8%	2.4%	4.9%	0.0%	0.0%	0.0%	2.4%	12.2%
		Female	77	7.8%	1.3%	0.0%	0.0%	2.6%	1.3%	0.0%	1.3%	0.0%	0.0%	1.3%	6.5%
	Māori NZWS	Male	10	30.0%	10.0%	10.0%	10.0%	30.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30.0%
		Female	32	0.0%	0.0%	6.3%	0.0%	9.4%	3.1%	0.0%	0.0%	0.0%	0.0%	18.8%	31.3%
L - Property and Business Services	Total	Male	238	34.7%	13.1%	24.6%	9.6%	27.8%	14.3%	6.3%	18.6%	3.4%	8.0%	7.6%	39.7%
		Female	244	14.0%	4.9%	13.7%	5.5%	16.0%	7.0%	3.3%	9.8%	4.1%	3.7%	8.2%	26.6%
	NZWS	Male	172	36.0%	12.8%	18.1%	7.2%	25.6%	12.8%	6.4%	20.3%	2.3%	7.6%	6.4%	36.6%
		Female	166	17.5%	5.4%	13.2%	3.1%	14.5%	7.2%	3.0%	10.8%	4.8%	4.2%	7.2%	23.5%
	Māori NZWS	Male	66	31.3%	14.1%	41.9%	15.9%	33.8%	18.5%	6.2%	13.8%	6.2%	9.2%	10.8%	47.7%
		Female	78	6.5%	3.9%	14.9%	10.3%	19.2%	6.4%	3.8%	7.7%	2.6%	2.6%	10.3%	33.3%

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender	N	Organisational factors				Current exposure							
				Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above
M - Government Administration and Defence	Total	Male	153	19.9%	6.0%	20.7%	14.1%	24.2%	17.0%	4.6%	13.7%	3.3%	11.1%	8.5%	42.5%
		Female	171	8.4%	0.6%	7.8%	4.9%	15.2%	4.7%	1.8%	6.4%	2.9%	1.8%	8.8%	24.0%
	NZWS	Male	84	18.3%	4.9%	16.9%	11.3%	20.2%	9.5%	2.4%	10.7%	2.4%	13.1%	8.3%	38.1%
		Female	96	8.3%	0.0%	4.3%	4.3%	14.6%	4.2%	2.1%	8.3%	4.2%	3.1%	8.3%	26.0%
	Māori NZWS	Male	69	21.7%	7.2%	25.4%	17.4%	29.0%	26.1%	7.2%	17.4%	4.3%	8.7%	8.7%	47.8%
		Female	75	8.5%	1.4%	12.3%	5.6%	16.0%	5.3%	1.3%	4.0%	1.3%	0.0%	9.3%	21.3%
N - Education	Total	Male	143	35.9%	16.2%	11.8%	3.6%	13.3%	9.1%	4.2%	12.6%	8.4%	5.6%	11.2%	30.8%
		Female	443	21.2%	8.4%	9.8%	1.6%	19.4%	7.0%	3.6%	8.8%	4.7%	3.8%	14.9%	37.2%
	NZWS	Male	81	39.5%	18.5%	12.0%	5.3%	9.9%	9.9%	6.2%	8.6%	8.6%	6.2%	12.3%	29.6%
		Female	251	24.0%	8.8%	9.1%	1.3%	15.5%	8.0%	4.0%	10.4%	6.0%	2.4%	15.1%	34.7%
	Māori NZWS	Male	62	31.1%	13.1%	11.5%	1.6%	17.7%	8.1%	1.6%	17.7%	8.1%	4.8%	9.7%	32.3%
		Female	192	17.6%	8.0%	10.9%	2.1%	24.5%	5.7%	3.1%	6.8%	3.1%	5.7%	14.6%	40.6%
O - Health and Community Services	Total	Male	91	20.0%	5.6%	25.3%	17.2%	12.1%	9.9%	6.6%	16.5%	6.6%	2.2%	11.0%	36.3%
		Female	548	6.3%	2.2%	29.8%	13.9%	15.0%	9.5%	8.2%	10.8%	6.0%	2.7%	19.5%	42.0%
	NZWS	Male	53	26.4%	7.5%	28.6%	23.5%	11.3%	11.3%	9.4%	22.6%	9.4%	3.8%	15.1%	41.5%
		Female	298	6.4%	1.3%	30.8%	11.7%	13.1%	9.4%	9.7%	13.1%	6.4%	2.3%	16.8%	41.3%
	Māori NZWS	Male	38	10.8%	2.7%	21.1%	8.3%	13.2%	7.9%	2.6%	7.9%	2.6%	0.0%	5.3%	28.9%
		Female	250	6.1%	3.3%	28.6%	16.3%	17.2%	9.6%	6.4%	8.0%	5.6%	3.2%	22.8%	42.8%
P - Cultural and Recreational Services	Total	Male	52	19.6%	7.8%	45.7%	10.2%	15.4%	17.3%	7.7%	15.4%	5.8%	7.7%	7.7%	32.7%
		Female	87	14.1%	4.7%	24.7%	2.4%	28.7%	17.2%	3.4%	9.2%	2.3%	4.6%	18.4%	54.0%
	NZWS	Male	32	21.9%	6.3%	48.3%	6.5%	12.5%	18.8%	3.1%	15.6%	9.4%	12.5%	9.4%	31.3%
		Female	57	14.3%	5.4%	26.8%	3.6%	26.3%	17.5%	0.0%	14.0%	1.8%	3.5%	17.5%	52.6%
	Māori NZWS	Male	20	15.8%	10.5%	41.2%	16.7%	20.0%	15.0%	15.0%	15.0%	0.0%	0.0%	5.0%	35.0%
		Female	30	13.8%	3.4%	20.7%	0.0%	33.3%	16.7%	10.0%	0.0%	3.3%	6.7%	20.0%	56.7%
Q - Personal and other services	Total	Male	104	34.3%	12.7%	43.4%	23.8%	33.7%	30.8%	14.4%	20.2%	9.6%	20.2%	15.4%	52.9%
		Female	115	8.1%	7.2%	20.0%	5.5%	18.3%	18.3%	6.1%	16.5%	8.7%	11.3%	19.1%	49.6%
	NZWS	Male	55	40.0%	10.9%	46.2%	23.1%	30.9%	29.1%	10.9%	23.6%	10.9%	20.0%	12.7%	49.1%
		Female	58	8.6%	6.9%	15.1%	1.8%	15.5%	19.0%	6.9%	20.7%	8.6%	10.3%	27.6%	53.4%
	Māori NZWS	Male	49	27.7%	14.9%	40.4%	24.5%	36.7%	32.7%	18.4%	16.3%	8.2%	20.4%	18.4%	57.1%
		Female	57	7.5%	7.5%	24.6%	9.3%	21.1%	17.5%	5.3%	12.3%	8.8%	12.3%	10.5%	45.6%

*41 participants were missing information or could not be allocated an industry

			Physical factors (≥25% of the time)														
			N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender															
A - Agriculture, Forestry and Fishing	Total	Male	217	86.9%	58.9%	67.8%	80.7%	56.5%	70.4%	39.8%	61.5%	58.9%	27.7%	50.0%	38.2%	86.9%	58.9%
		Female	112	74.5%	56.4%	60.0%	79.8%	51.4%	63.6%	46.8%	50.5%	45.5%	36.0%	31.5%	18.0%	74.5%	41.4%
	NZWS	Male	132	89.2%	49.2%	63.8%	74.2%	51.5%	65.4%	38.6%	48.0%	45.2%	26.4%	53.8%	27.7%	89.2%	49.2%
		Female	66	80.0%	51.5%	57.6%	76.9%	43.9%	54.5%	42.4%	40.9%	31.8%	34.8%	27.3%	13.6%	80.0%	34.8%
	Māori NZWS	Male	85	83.3%	73.8%	73.8%	90.5%	64.3%	78.3%	41.7%	81.9%	79.5%	29.8%	44.0%	54.9%	83.3%	73.8%
		Female	46	66.7%	63.6%	63.6%	84.1%	62.2%	77.3%	53.3%	64.4%	65.9%	37.8%	37.8%	24.4%	66.7%	51.1%
B - Mining	Total	Male	15	66.7%	46.7%	40.0%	86.7%	53.3%	93.3%	46.7%	53.3%	53.3%	20.0%	93.3%	33.3%	66.7%	53.3%
		Female	3	33.3%	66.7%	33.3%	100.0%	66.7%	66.7%	33.3%	33.3%	33.3%	33.3%	33.3%	100.0%	33.3%	33.3%
	NZWS	Male	9	66.7%	33.3%	33.3%	88.9%	44.4%	88.9%	55.6%	44.4%	44.4%	22.2%	88.9%	22.2%	66.7%	44.4%
		Female	1	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
	Māori NZWS	Male	6	66.7%	66.7%	50.0%	83.3%	66.7%	100.0%	33.3%	66.7%	66.7%	16.7%	100.0%	50.0%	66.7%	66.7%
		Female	2	50.0%	100.0%	50.0%	100.0%	50.0%	100.0%	50.0%	50.0%	50.0%	50.0%	100.0%	50.0%	50.0%	50.0%
C - Manufacturing	Total	Male	429	35.5%	50.5%	57.0%	73.6%	56.0%	78.6%	45.6%	41.7%	40.5%	36.1%	52.6%	29.2%	35.5%	66.7%
		Female	240	10.1%	46.2%	52.5%	82.3%	67.5%	82.4%	54.8%	39.9%	34.3%	41.0%	57.7%	17.6%	10.1%	47.0%
	NZWS	Male	258	29.6%	40.0%	47.6%	66.7%	48.8%	76.2%	44.9%	30.0%	33.6%	30.6%	54.2%	21.4%	29.6%	60.4%
		Female	142	7.8%	41.1%	46.1%	81.4%	66.4%	78.0%	57.7%	29.1%	27.5%	31.7%	62.0%	13.4%	7.8%	37.9%
	Māori NZWS	Male	171	44.4%	66.3%	71.0%	84.0%	66.9%	82.2%	46.7%	59.2%	50.9%	44.4%	50.3%	40.8%	44.4%	76.3%
		Female	98	13.4%	53.6%	61.9%	83.5%	69.1%	88.7%	50.5%	55.7%	44.3%	54.6%	51.5%	23.7%	13.4%	60.4%
D - Electricity, Gas and Water Supply	Total	Male	28	71.4%	53.6%	46.4%	67.9%	39.3%	75.0%	44.4%	53.6%	46.4%	17.9%	75.0%	28.6%	71.4%	42.9%
		Female	10	10.0%	10.0%	20.0%	60.0%	60.0%	100.0%	50.0%	10.0%	30.0%	0.0%	100.0%	0.0%	10.0%	10.0%
	NZWS	Male	16	68.8%	37.5%	37.5%	56.3%	31.3%	68.8%	46.7%	43.8%	37.5%	12.5%	75.0%	12.5%	68.8%	31.3%
		Female	5	0.0%	20.0%	0.0%	80.0%	60.0%	100.0%	60.0%	20.0%	40.0%	0.0%	100.0%	0.0%	0.0%	20.0%
	Māori NZWS	Male	12	75.0%	75.0%	58.3%	83.3%	50.0%	83.3%	41.7%	66.7%	58.3%	25.0%	75.0%	50.0%	75.0%	58.3%
		Female	5	20.0%	0.0%	40.0%	40.0%	60.0%	100.0%	40.0%	0.0%	20.0%	0.0%	100.0%	0.0%	20.0%	0.0%
E - Construction	Total	Male	328	76.4%	62.2%	71.3%	77.5%	57.4%	80.2%	45.2%	58.5%	58.7%	25.4%	37.5%	46.1%	76.4%	72.8%
		Female	42	26.2%	35.7%	33.3%	81.0%	45.2%	78.6%	50.0%	21.4%	35.7%	11.9%	83.3%	9.5%	26.2%	21.4%
	NZWS	Male	180	67.6%	55.4%	61.6%	69.5%	52.5%	78.0%	46.6%	43.8%	42.3%	20.9%	35.6%	35.0%	67.6%	66.7%
		Female	29	34.5%	34.5%	34.5%	75.9%	44.8%	75.9%	58.6%	31.0%	44.8%	13.8%	79.3%	6.9%	34.5%	20.7%
	Māori NZWS	Male	148	87.0%	70.3%	83.0%	87.1%	63.3%	83.0%	43.5%	76.2%	78.2%	30.8%	39.7%	59.6%	87.0%	80.3%
		Female	13	7.7%	38.5%	30.8%	92.3%	46.2%	84.6%	30.8%	0.0%	15.4%	7.7%	92.3%	15.4%	7.7%	23.1%
F - Wholesale Trade	Total	Male	93	38.5%	49.5%	54.8%	72.8%	58.7%	81.7%	41.9%	43.5%	32.6%	35.5%	73.1%	10.8%	38.5%	30.1%
		Female	63	11.3%	33.3%	52.4%	79.4%	50.8%	79.4%	61.9%	27.0%	23.8%	27.0%	82.5%	9.7%	11.3%	31.7%
	NZWS	Male	72	28.6%	43.1%	45.8%	70.4%	53.5%	80.6%	38.9%	36.6%	23.9%	31.9%	72.2%	6.9%	28.6%	22.2%
		Female	40	7.7%	30.0%	47.5%	75.0%	45.0%	75.0%	57.5%	20.0%	17.5%	22.5%	85.0%	5.1%	7.7%	27.5%
	Māori NZWS	Male	21	71.4%	71.4%	85.7%	81.0%	76.2%	85.7%	52.4%	66.7%	61.9%	47.6%	76.2%	23.8%	71.4%	57.1%
		Female	23	17.4%	39.1%	60.9%	87.0%	60.9%	87.0%	69.6%	39.1%	34.8%	34.8%	78.3%	17.4%	17.4%	39.1%

			Physical factors (≥25% of the time)														
			N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender															
G - Retail Trade	Total	Male	185	34.1%	49.7%	63.2%	78.9%	60.0%	77.3%	50.0%	43.2%	36.2%	43.2%	43.2%	19.6%	34.1%	41.1%
		Female	256	11.3%	43.5%	60.5%	82.7%	66.7%	64.7%	47.3%	27.1%	34.1%	49.8%	34.0%	5.5%	11.3%	25.8%
	NZWS	Male	117	27.4%	51.3%	57.3%	73.5%	59.0%	73.5%	46.6%	38.5%	27.4%	43.6%	47.0%	15.5%	27.4%	38.5%
		Female	148	8.1%	40.5%	55.4%	81.0%	63.3%	56.8%	45.9%	23.8%	25.2%	49.7%	35.8%	4.1%	8.1%	16.2%
	Māori NZWS	Male	68	45.6%	47.1%	73.5%	88.2%	61.8%	83.8%	55.9%	51.5%	51.5%	42.6%	36.8%	26.5%	45.6%	45.6%
		Female	108	15.7%	47.7%	67.6%	85.2%	71.3%	75.7%	49.1%	31.5%	46.3%	50.0%	31.5%	7.4%	15.7%	38.9%
H - Accommodation, Cafes and Restaurants	Total	Male	49	30.6%	56.3%	65.3%	87.8%	73.5%	77.6%	36.7%	20.8%	51.0%	46.9%	22.4%	12.2%	30.6%	38.8%
		Female	130	13.1%	40.3%	59.2%	86.0%	73.1%	67.7%	43.8%	17.8%	50.0%	44.6%	25.4%	10.8%	13.1%	32.3%
	NZWS	Male	28	25.0%	53.6%	60.7%	78.6%	71.4%	75.0%	35.7%	18.5%	46.4%	46.4%	25.0%	17.9%	25.0%	39.3%
		Female	68	11.8%	35.3%	52.9%	89.7%	75.0%	69.1%	45.6%	11.9%	42.6%	48.5%	22.1%	11.8%	11.8%	27.9%
	Māori NZWS	Male	21	38.1%	60.0%	71.4%	100.0%	76.2%	81.0%	38.1%	23.8%	57.1%	47.6%	19.0%	4.8%	38.1%	38.1%
		Female	62	14.5%	45.9%	66.1%	82.0%	71.0%	66.1%	41.9%	24.2%	58.1%	40.3%	29.0%	9.7%	14.5%	37.1%
I - Transport and Storage	Total	Male	149	64.9%	47.3%	47.7%	70.5%	53.0%	76.5%	47.0%	55.1%	48.6%	26.2%	86.6%	22.1%	64.9%	54.4%
		Female	71	25.4%	33.8%	29.6%	73.2%	49.3%	76.1%	45.1%	32.4%	36.6%	22.5%	91.4%	10.0%	25.4%	39.4%
	NZWS	Male	75	51.4%	47.3%	42.7%	66.7%	52.0%	74.7%	50.7%	41.9%	42.5%	29.3%	84.0%	14.7%	51.4%	50.7%
		Female	34	8.8%	17.6%	17.6%	67.6%	41.2%	64.7%	47.1%	14.7%	23.5%	20.6%	93.9%	11.8%	8.8%	23.5%
	Māori NZWS	Male	74	78.4%	47.3%	52.7%	74.3%	54.1%	78.4%	43.2%	68.5%	54.8%	23.0%	89.2%	29.7%	78.4%	58.1%
		Female	37	40.5%	48.6%	40.5%	78.4%	56.8%	86.5%	43.2%	48.6%	48.6%	24.3%	89.2%	8.3%	40.5%	54.1%
J - Communication Services	Total	Male	39	43.6%	38.5%	46.2%	71.8%	56.4%	76.9%	53.8%	30.8%	43.6%	20.5%	97.4%	15.8%	43.6%	33.3%
		Female	61	29.5%	49.2%	52.5%	82.0%	68.9%	73.8%	52.5%	41.7%	41.7%	36.1%	78.7%	4.9%	29.5%	32.8%
	NZWS	Male	22	40.9%	40.9%	50.0%	72.7%	54.5%	81.8%	50.0%	31.8%	36.4%	18.2%	95.5%	19.0%	40.9%	36.4%
		Female	27	14.8%	33.3%	33.3%	74.1%	59.3%	59.3%	66.7%	23.1%	26.9%	33.3%	74.1%	0.0%	14.8%	25.9%
	Māori NZWS	Male	17	47.1%	35.3%	41.2%	70.6%	58.8%	70.6%	58.8%	29.4%	52.9%	23.5%	100.0%	11.8%	47.1%	29.4%
		Female	34	41.2%	61.8%	67.6%	88.2%	76.5%	85.3%	41.2%	55.9%	52.9%	38.2%	82.4%	8.8%	41.2%	38.2%
K - Finance and Insurance	Total	Male	51	11.8%	27.5%	3.9%	58.8%	48.0%	84.3%	41.2%	7.8%	19.6%	9.8%	92.2%	0.0%	11.8%	9.8%
		Female	109	1.8%	33.0%	17.4%	75.9%	61.5%	84.4%	41.7%	16.7%	23.9%	24.8%	89.0%	0.0%	1.8%	11.0%
	NZWS	Male	41	12.2%	26.8%	2.4%	56.1%	42.5%	82.9%	39.0%	7.3%	17.1%	7.3%	90.2%	0.0%	12.2%	9.8%
		Female	77	2.6%	37.7%	19.5%	75.0%	61.0%	83.1%	44.7%	17.1%	26.0%	24.7%	90.9%	0.0%	2.6%	11.7%
	Māori NZWS	Male	10	10.0%	30.0%	10.0%	70.0%	70.0%	90.0%	50.0%	10.0%	30.0%	20.0%	100.0%	0.0%	10.0%	10.0%
		Female	32	0.0%	21.9%	12.5%	78.1%	62.5%	87.5%	34.4%	15.6%	18.8%	25.0%	84.4%	0.0%	0.0%	9.4%
L - Property and Business Services	Total	Male	238	31.4%	34.2%	27.0%	57.2%	38.7%	76.1%	43.2%	16.1%	23.2%	25.7%	84.8%	9.7%	31.4%	20.7%
		Female	244	17.6%	39.5%	22.5%	70.5%	57.3%	81.1%	47.3%	16.1%	20.7%	14.3%	82.0%	5.3%	17.6%	11.9%
	NZWS	Male	172	25.7%	32.6%	24.4%	56.7%	36.5%	74.0%	40.2%	9.4%	16.9%	22.7%	87.2%	6.4%	25.7%	15.7%
		Female	166	13.9%	39.4%	16.9%	69.9%	54.0%	81.3%	47.9%	13.3%	13.9%	12.0%	83.7%	1.8%	13.9%	4.8%
	Māori NZWS	Male	66	46.2%	38.5%	33.8%	58.5%	44.6%	81.5%	50.8%	33.8%	40.0%	33.8%	78.5%	18.5%	46.2%	33.8%
		Female	78	25.6%	39.7%	34.6%	71.8%	64.1%	80.8%	46.2%	22.1%	35.5%	19.2%	78.2%	12.8%	25.6%	26.9%

			Physical factors (≥25% of the time)														
			N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender															
M - Government Administration and Defence	Total	Male	153	50.7%	39.2%	35.9%	71.9%	48.7%	82.4%	39.9%	30.1%	31.4%	23.0%	84.3%	14.5%	50.7%	30.7%
		Female	171	19.3%	36.7%	18.3%	76.9%	57.3%	80.1%	42.9%	17.1%	26.9%	11.8%	87.7%	3.5%	19.3%	12.4%
	NZWS	Male	84	36.9%	29.8%	21.4%	66.7%	37.3%	78.6%	29.8%	16.7%	19.0%	16.9%	89.3%	8.4%	36.9%	20.2%
		Female	96	18.8%	33.7%	16.8%	73.7%	55.2%	78.1%	43.8%	12.5%	24.0%	9.4%	87.5%	3.1%	18.8%	11.6%
	Māori NZWS	Male	69	67.6%	50.7%	53.6%	78.3%	62.7%	87.0%	52.2%	46.4%	46.4%	30.4%	78.3%	21.7%	67.6%	43.5%
		Female	75	20.0%	40.5%	20.3%	81.1%	60.0%	82.7%	41.9%	23.0%	30.7%	14.9%	88.0%	4.0%	20.0%	13.3%
N - Education	Total	Male	143	38.3%	28.4%	30.3%	53.8%	29.4%	78.2%	27.3%	16.1%	30.3%	25.9%	73.0%	16.1%	38.3%	26.8%
		Female	443	39.9%	24.4%	39.1%	60.5%	45.4%	74.7%	29.9%	21.2%	28.1%	27.4%	75.3%	4.3%	39.9%	29.3%
	NZWS	Male	81	19.0%	18.8%	23.5%	40.7%	28.4%	77.5%	30.9%	6.2%	17.5%	24.7%	73.4%	13.6%	19.0%	18.5%
		Female	251	33.2%	24.3%	33.9%	53.6%	48.2%	73.6%	29.4%	20.7%	26.4%	31.2%	74.4%	2.4%	33.2%	25.9%
	Māori NZWS	Male	62	62.9%	41.0%	39.3%	71.0%	30.6%	79.0%	22.6%	29.0%	46.8%	27.4%	72.6%	19.4%	62.9%	37.7%
		Female	192	48.7%	24.5%	45.8%	69.6%	41.7%	76.0%	30.5%	21.9%	30.2%	22.4%	76.6%	6.8%	48.7%	33.9%
O - Health and Community Services	Total	Male	91	29.7%	24.4%	30.8%	50.5%	41.8%	72.5%	35.2%	16.7%	20.9%	29.7%	74.7%	6.6%	29.7%	22.0%
		Female	548	22.5%	42.9%	43.4%	71.9%	53.4%	71.1%	31.3%	15.6%	32.3%	24.5%	64.3%	6.8%	22.5%	22.4%
	NZWS	Male	53	20.8%	22.6%	18.9%	39.6%	35.8%	71.7%	28.3%	9.6%	9.4%	30.2%	71.7%	3.8%	20.8%	20.8%
		Female	298	14.9%	39.4%	37.7%	66.2%	51.5%	68.2%	33.4%	11.8%	25.8%	25.6%	63.3%	4.7%	14.9%	18.2%
	Māori NZWS	Male	38	42.1%	27.0%	47.4%	65.8%	50.0%	73.7%	44.7%	26.3%	36.8%	28.9%	78.9%	10.5%	42.1%	23.7%
		Female	250	31.6%	47.2%	50.2%	78.7%	55.6%	74.5%	28.7%	20.2%	40.1%	23.2%	65.4%	9.4%	31.6%	27.5%
P - Cultural and Recreational Services	Total	Male	52	40.4%	42.3%	38.5%	63.5%	48.1%	76.9%	34.6%	30.8%	26.9%	38.5%	71.2%	7.7%	40.4%	34.6%
		Female	87	19.5%	46.0%	36.8%	81.6%	63.2%	75.9%	39.1%	35.6%	36.8%	37.9%	69.0%	5.8%	19.5%	21.8%
	NZWS	Male	32	37.5%	34.4%	34.4%	62.5%	43.8%	75.0%	31.3%	28.1%	21.9%	40.6%	65.6%	6.3%	37.5%	28.1%
		Female	57	12.3%	40.4%	36.8%	77.2%	59.6%	68.4%	33.3%	28.1%	28.1%	33.3%	66.7%	3.6%	12.3%	17.5%
	Māori NZWS	Male	20	45.0%	55.0%	45.0%	65.0%	55.0%	80.0%	40.0%	35.0%	35.0%	35.0%	80.0%	10.0%	45.0%	45.0%
		Female	30	33.3%	56.7%	36.7%	90.0%	70.0%	90.0%	50.0%	50.0%	53.3%	46.7%	73.3%	10.0%	33.3%	30.0%
Q - Personal and other services	Total	Male	104	70.9%	44.7%	52.9%	76.0%	51.9%	67.3%	43.3%	35.0%	46.6%	23.1%	68.3%	26.0%	70.9%	43.3%
		Female	115	23.5%	44.2%	32.2%	79.1%	57.4%	73.9%	32.2%	19.1%	34.2%	31.6%	61.7%	15.7%	23.5%	27.0%
	NZWS	Male	55	64.8%	38.2%	49.1%	67.3%	49.1%	67.3%	41.8%	29.6%	35.2%	27.3%	70.9%	23.6%	64.8%	36.4%
		Female	58	17.2%	39.3%	27.6%	82.8%	53.4%	72.4%	31.0%	12.1%	20.7%	40.4%	60.3%	19.0%	17.2%	22.4%
	Māori NZWS	Male	49	77.6%	52.1%	57.1%	85.7%	55.1%	67.3%	44.9%	40.8%	59.2%	18.4%	65.3%	28.6%	77.6%	51.0%
		Female	57	29.8%	49.1%	36.8%	75.4%	61.4%	75.4%	33.3%	26.3%	48.2%	22.8%	63.2%	12.3%	29.8%	31.6%

*41 participants were missing information or could not be allocated an industry

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender	N	Ventilation							Personal Protective Equipment									
				No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing Protection	Other
A - Agriculture, Forestry and Fishing	Total	Male	217	9.3%	28.4%	4.2%	12.1%	0.9%	53.5%	9.3%	86.1%	32.1%	53.5%	29.8%	18.1%	9.3%	2.3%	42.3%	46.0%	27.9%
		Female	112	8.0%	50.0%	8.0%	6.3%	0.9%	42.0%	7.1%	76.8%	17.0%	33.0%	28.6%	16.1%	8.0%	0.0%	45.5%	15.2%	17.0%
	NZWS	Male	132	2.3%	33.6%	3.1%	9.9%	0.8%	70.2%	0.8%	90.1%	38.2%	48.9%	39.7%	19.1%	11.5%	2.3%	49.6%	54.2%	20.6%
		Female	66	4.5%	50.0%	4.5%	4.5%	0.0%	60.6%	0.0%	83.3%	12.1%	36.4%	31.8%	13.6%	9.1%	0.0%	47.0%	15.2%	12.1%
	Māori NZWS	Male	85	20.2%	20.2%	6.0%	15.5%	1.2%	27.4%	22.6%	80.0%	22.6%	60.7%	14.3%	16.7%	6.0%	2.4%	31.0%	33.3%	39.3%
		Female	46	13.0%	50.0%	13.0%	8.7%	2.2%	15.2%	17.4%	67.4%	23.9%	28.3%	23.9%	19.6%	6.5%	0.0%	43.5%	15.2%	23.9%
B - Mining	Total	Male	15	0.0%	26.7%	13.3%	40.0%	0.0%	33.3%	13.3%	93.3%	73.3%	73.3%	33.3%	40.0%	20.0%	0.0%	26.7%	26.7%	73.3%
		Female	3	0.0%	33.3%	33.3%	66.7%	0.0%	0.0%	0.0%	33.3%	33.3%	33.3%	0.0%	0.0%	33.3%	0.0%	33.3%	0.0%	33.3%
	NZWS	Male	9	0.0%	33.3%	11.1%	44.4%	0.0%	44.4%	0.0%	100.0%	66.7%	77.8%	55.6%	22.2%	11.1%	0.0%	22.2%	22.2%	100.0%
		Female	1	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Māori NZWS	Male	6	0.0%	16.7%	16.7%	33.3%	0.0%	16.7%	33.3%	83.3%	83.3%	66.7%	0.0%	66.7%	33.3%	0.0%	33.3%	33.3%	33.3%
		Female	2	0.0%	50.0%	50.0%	50.0%	0.0%	0.0%	0.0%	50.0%	50.0%	50.0%	0.0%	0.0%	50.0%	0.0%	50.0%	0.0%	50.0%
C - Manufacturing	Total	Male	429	3.1%	48.4%	31.9%	33.6%	9.2%	5.2%	14.8%	81.9%	46.6%	53.9%	34.1%	24.0%	13.6%	1.6%	43.3%	47.3%	26.1%
		Female	240	4.2%	47.9%	19.7%	45.4%	3.8%	0.8%	10.5%	51.9%	17.6%	30.1%	25.1%	11.7%	1.3%	0.0%	27.2%	17.6%	13.8%
	NZWS	Male	258	2.3%	53.5%	35.2%	29.7%	7.4%	5.9%	7.8%	81.3%	50.8%	52.0%	40.6%	25.4%	14.5%	1.6%	45.3%	51.6%	18.0%
		Female	142	3.5%	50.0%	20.4%	42.3%	2.1%	0.7%	8.5%	40.8%	13.4%	22.5%	26.1%	9.2%	0.0%	0.0%	20.4%	12.7%	6.3%
	Māori NZWS	Male	171	4.1%	40.6%	27.1%	39.4%	11.8%	4.1%	25.3%	82.8%	40.2%	56.8%	24.3%	21.9%	12.4%	1.8%	40.2%	40.8%	38.5%
		Female	98	5.2%	44.8%	18.8%	50.0%	6.3%	1.0%	13.5%	68.0%	23.7%	41.2%	23.7%	15.5%	3.1%	0.0%	37.1%	24.7%	24.7%
D - Electricity, Gas and Water Supply	Total	Male	28	3.6%	32.1%	25.0%	42.9%	7.1%	21.4%	14.3%	78.6%	50.0%	67.9%	39.3%	21.4%	14.3%	7.1%	46.4%	32.1%	39.3%
		Female	10	0.0%	40.0%	0.0%	90.0%	0.0%	10.0%	10.0%	30.0%	10.0%	30.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	30.0%
	NZWS	Male	16	0.0%	43.8%	31.3%	37.5%	6.3%	25.0%	0.0%	81.3%	50.0%	68.8%	62.5%	25.0%	18.8%	12.5%	43.8%	37.5%	25.0%
		Female	5	0.0%	60.0%	0.0%	80.0%	0.0%	20.0%	0.0%	40.0%	20.0%	40.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.0%
	Māori NZWS	Male	12	8.3%	16.7%	16.7%	50.0%	8.3%	16.7%	33.3%	75.0%	50.0%	66.7%	8.3%	16.7%	8.3%	0.0%	50.0%	25.0%	58.3%
		Female	5	0.0%	20.0%	0.0%	100.0%	0.0%	0.0%	20.0%	20.0%	0.0%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%
E - Construction	Total	Male	328	8.0%	49.7%	7.4%	15.1%	1.9%	29.6%	15.7%	88.0%	54.8%	54.8%	24.9%	49.2%	16.3%	3.1%	34.5%	56.0%	28.9%
		Female	42	4.8%	76.2%	4.8%	38.1%	7.1%	7.1%	4.8%	38.1%	11.9%	21.4%	16.7%	16.7%	4.8%	0.0%	16.7%	11.9%	16.7%
	NZWS	Male	180	3.4%	55.4%	7.9%	16.9%	2.3%	38.4%	4.0%	90.4%	53.7%	54.2%	39.0%	49.2%	15.8%	2.3%	32.2%	61.6%	28.8%
		Female	29	3.4%	79.3%	6.9%	27.6%	3.4%	10.3%	3.4%	44.8%	13.8%	27.6%	20.7%	17.2%	6.9%	0.0%	20.7%	17.2%	20.7%
	Māori NZWS	Male	148	13.6%	42.9%	6.8%	12.9%	1.4%	19.0%	29.9%	85.1%	56.1%	55.4%	8.1%	49.3%	16.9%	4.1%	37.2%	49.3%	29.1%
		Female	13	7.7%	69.2%	0.0%	61.5%	15.4%	0.0%	7.7%	23.1%	7.7%	7.7%	7.7%	15.4%	0.0%	0.0%	7.7%	0.0%	7.7%
F - Wholesale Trade	Total	Male	93	3.2%	52.7%	9.7%	43.0%	2.2%	9.7%	7.5%	53.8%	22.6%	39.8%	18.3%	7.5%	4.3%	1.1%	23.7%	18.3%	16.1%
		Female	63	0.0%	63.5%	7.9%	49.2%	1.6%	0.0%	3.2%	27.0%	7.9%	15.9%	12.7%	3.2%	0.0%	0.0%	7.9%	7.9%	7.9%
	NZWS	Male	72	4.2%	54.2%	6.9%	43.1%	1.4%	9.7%	2.8%	51.4%	18.1%	38.9%	18.1%	6.9%	2.8%	0.0%	25.0%	15.3%	12.5%
		Female	40	0.0%	70.0%	7.5%	42.5%	2.5%	0.0%	0.0%	25.0%	5.0%	10.0%	17.5%	5.0%	0.0%	0.0%	7.5%	10.0%	2.5%
	Māori NZWS	Male	21	0.0%	47.6%	19.0%	42.9%	4.8%	9.5%	23.8%	61.9%	38.1%	42.9%	19.0%	9.5%	9.5%	4.8%	19.0%	28.6%	28.6%
		Female	23	0.0%	52.2%	8.7%	60.9%	0.0%	0.0%	8.7%	30.4%	13.0%	26.1%	4.3%	0.0%	0.0%	0.0%	8.7%	4.3%	17.4%

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender	N	Ventilation							Personal Protective Equipment									
				No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing Protection	Other
G - Retail Trade	Total	Male	185	1.6%	58.2%	20.1%	40.8%	5.4%	4.9%	6.5%	57.3%	28.6%	33.0%	25.4%	11.9%	4.3%	1.6%	34.1%	19.5%	10.3%
		Female	256	3.1%	51.6%	9.8%	56.3%	3.5%	1.2%	5.9%	33.2%	6.3%	14.5%	12.9%	3.5%	0.0%	0.0%	18.8%	2.3%	4.3%
	NZWS	Male	117	1.7%	65.0%	22.2%	37.6%	2.6%	5.1%	2.6%	55.6%	32.5%	26.5%	28.2%	15.4%	4.3%	1.7%	33.3%	22.2%	4.3%
		Female	148	2.0%	53.4%	10.1%	54.1%	1.4%	1.4%	3.4%	27.0%	5.4%	8.8%	12.2%	2.0%	0.0%	0.0%	18.9%	0.7%	2.0%
	Māori NZWS	Male	68	1.5%	46.3%	16.4%	46.3%	10.4%	4.5%	13.4%	60.3%	22.1%	44.1%	20.6%	5.9%	4.4%	1.5%	35.3%	14.7%	20.6%
		Female	108	4.6%	49.1%	9.3%	59.3%	6.5%	0.9%	9.3%	41.7%	7.4%	22.2%	13.9%	5.6%	0.0%	0.0%	18.5%	4.6%	7.4%
H - Accommodation, Cafes and Restaurants	Total	Male	49	2.0%	61.2%	32.7%	24.5%	14.3%	6.1%	4.1%	60.4%	10.4%	22.9%	35.4%	6.3%	8.3%	0.0%	41.7%	4.2%	8.3%
		Female	130	2.3%	79.2%	34.6%	33.8%	12.3%	1.5%	7.7%	51.5%	1.5%	10.8%	27.7%	3.1%	0.8%	0.0%	34.6%	0.0%	2.3%
	NZWS	Male	28	3.6%	57.1%	50.0%	25.0%	3.6%	10.7%	0.0%	57.1%	10.7%	21.4%	42.9%	3.6%	10.7%	0.0%	35.7%	3.6%	3.6%
		Female	68	0.0%	77.9%	39.7%	25.0%	2.9%	1.5%	2.9%	57.4%	1.5%	13.2%	36.8%	4.4%	0.0%	0.0%	39.7%	0.0%	1.5%
	Māori NZWS	Male	21	0.0%	66.7%	9.5%	23.8%	28.6%	0.0%	9.5%	65.0%	10.0%	25.0%	25.0%	10.0%	5.0%	0.0%	50.0%	5.0%	15.0%
		Female	62	4.8%	80.6%	29.0%	43.5%	22.6%	1.6%	12.9%	45.2%	1.6%	8.1%	17.7%	1.6%	1.6%	0.0%	29.0%	0.0%	3.2%
I - Transport and Storage	Total	Male	149	2.0%	53.0%	8.7%	47.7%	4.0%	12.8%	10.7%	66.4%	25.5%	49.0%	25.5%	12.1%	4.7%	0.7%	28.9%	23.5%	22.8%
		Female	71	1.4%	49.3%	2.8%	64.8%	0.0%	1.4%	9.9%	26.8%	1.4%	16.9%	7.0%	0.0%	0.0%	0.0%	8.5%	7.0%	11.3%
	NZWS	Male	75	0.0%	52.0%	12.0%	44.0%	4.0%	18.7%	5.3%	73.3%	28.0%	50.7%	44.0%	12.0%	6.7%	1.3%	34.7%	30.7%	14.7%
		Female	34	0.0%	47.1%	5.9%	64.7%	0.0%	2.9%	2.9%	14.7%	0.0%	11.8%	5.9%	0.0%	0.0%	0.0%	5.9%	8.8%	0.0%
	Māori NZWS	Male	74	4.1%	54.1%	5.4%	51.4%	4.1%	6.8%	16.2%	59.5%	23.0%	47.3%	6.8%	12.2%	2.7%	0.0%	23.0%	16.2%	31.1%
		Female	37	2.7%	51.4%	0.0%	64.9%	0.0%	0.0%	16.2%	37.8%	2.7%	21.6%	8.1%	0.0%	0.0%	0.0%	10.8%	5.4%	21.6%
J - Communication Services	Total	Male	39	5.1%	48.7%	7.7%	61.5%	0.0%	7.7%	10.3%	43.6%	12.8%	23.1%	20.5%	0.0%	0.0%	0.0%	5.1%	2.6%	23.1%
		Female	61	3.3%	52.5%	0.0%	67.2%	0.0%	6.6%	4.9%	31.1%	0.0%	11.5%	9.8%	1.6%	0.0%	0.0%	6.6%	3.3%	18.0%
	NZWS	Male	22	0.0%	40.9%	4.5%	54.5%	0.0%	9.1%	9.1%	40.9%	13.6%	22.7%	31.8%	0.0%	0.0%	0.0%	9.1%	0.0%	13.6%
		Female	27	3.7%	33.3%	0.0%	66.7%	0.0%	7.4%	0.0%	22.2%	0.0%	3.7%	11.1%	0.0%	0.0%	0.0%	3.7%	7.4%	7.4%
	Māori NZWS	Male	17	11.8%	58.8%	11.8%	70.6%	0.0%	5.9%	11.8%	47.1%	11.8%	23.5%	5.9%	0.0%	0.0%	0.0%	0.0%	5.9%	35.3%
		Female	34	2.9%	67.6%	0.0%	67.6%	0.0%	5.9%	8.8%	38.2%	0.0%	17.6%	8.8%	2.9%	0.0%	0.0%	8.8%	0.0%	26.5%
K - Finance and Insurance	Total	Male	51	0.0%	29.4%	2.0%	84.3%	0.0%	0.0%	0.0%	5.9%	2.0%	3.9%	0.0%	0.0%	0.0%	0.0%	2.0%	2.0%	3.9%
		Female	109	0.0%	14.7%	0.9%	93.6%	0.9%	0.0%	4.6%	4.6%	0.0%	1.9%	2.8%	0.0%	0.0%	0.0%	0.9%	0.9%	1.9%
	NZWS	Male	41	0.0%	31.7%	0.0%	82.9%	0.0%	0.0%	0.0%	4.9%	0.0%	2.4%	0.0%	0.0%	0.0%	0.0%	2.4%	2.4%	2.4%
		Female	77	0.0%	15.6%	1.3%	90.9%	1.3%	0.0%	3.9%	3.9%	0.0%	1.3%	2.6%	0.0%	0.0%	0.0%	0.0%	1.3%	1.3%
	Māori NZWS	Male	10	0.0%	20.0%	10.0%	90.0%	0.0%	0.0%	0.0%	10.0%	10.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.0%
		Female	32	0.0%	12.5%	0.0%	100.0%	0.0%	0.0%	6.3%	6.5%	0.0%	3.2%	3.2%	0.0%	0.0%	0.0%	3.2%	0.0%	3.2%
L - Property and Business Services	Total	Male	238	1.7%	48.5%	7.2%	52.7%	3.0%	8.4%	7.6%	34.6%	13.5%	16.0%	12.7%	8.9%	4.2%	0.8%	13.1%	10.5%	13.5%
		Female	244	2.0%	52.9%	3.7%	54.9%	1.6%	2.0%	3.3%	17.2%	4.5%	4.9%	7.0%	2.9%	0.4%	0.0%	14.8%	3.3%	4.1%
	NZWS	Male	172	1.7%	52.9%	4.7%	52.3%	3.5%	9.9%	5.2%	34.3%	14.5%	16.3%	16.3%	9.3%	2.9%	0.6%	12.8%	12.2%	14.0%
		Female	166	1.2%	51.8%	4.2%	54.2%	1.2%	3.0%	1.8%	17.5%	4.8%	5.4%	9.0%	3.6%	0.0%	0.0%	13.9%	3.0%	3.6%
	Māori NZWS	Male	66	1.5%	36.9%	13.8%	53.8%	1.5%	4.6%	13.8%	35.4%	10.8%	15.4%	3.1%	7.7%	7.7%	1.5%	13.8%	6.2%	12.3%
		Female	78	3.8%	55.1%	2.6%	56.4%	2.6%	0.0%	6.4%	16.7%	3.8%	3.8%	2.6%	1.3%	1.3%	0.0%	16.7%	3.8%	5.1%

ANZSIC 1-DIGIT INDUSTRY CODE*	Study	Gender	N	Ventilation							Personal Protective Equipment									
				No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
M - Government Administration and Defence	Total	Male	153	2.6%	34.6%	5.2%	64.1%	1.3%	8.5%	6.5%	47.4%	19.7%	29.6%	17.8%	12.5%	4.6%	2.6%	19.1%	15.8%	23.0%
		Female	171	1.2%	38.2%	2.9%	72.9%	0.0%	2.9%	4.1%	12.3%	4.7%	5.3%	5.8%	1.8%	1.2%	0.0%	8.2%	2.9%	4.1%
	NZWS	Male	84	0.0%	33.3%	3.6%	71.4%	2.4%	11.9%	1.2%	46.4%	16.7%	25.0%	28.6%	14.3%	3.6%	2.4%	20.2%	17.9%	16.7%
		Female	96	1.0%	38.5%	3.1%	74.0%	0.0%	5.2%	2.1%	15.6%	7.3%	8.3%	8.3%	3.1%	2.1%	0.0%	9.4%	4.2%	5.2%
	Māori NZWS	Male	69	5.8%	36.2%	7.2%	55.1%	0.0%	4.3%	13.0%	48.5%	23.5%	35.3%	4.4%	10.3%	5.9%	2.9%	17.6%	13.2%	30.9%
		Female	75	1.4%	37.8%	2.7%	71.6%	0.0%	0.0%	6.8%	8.0%	1.3%	1.3%	2.7%	0.0%	0.0%	0.0%	6.7%	1.3%	2.7%
N - Education	Total	Male	143	0.7%	79.0%	11.2%	31.5%	3.5%	2.1%	5.6%	23.1%	12.6%	8.4%	7.7%	7.0%	0.7%	0.7%	11.2%	7.0%	6.3%
		Female	443	0.5%	88.0%	7.4%	28.9%	2.5%	0.9%	7.0%	22.1%	3.8%	2.5%	6.8%	2.5%	0.0%	0.0%	17.4%	0.7%	1.4%
	NZWS	Male	81	0.0%	82.7%	13.6%	21.0%	2.5%	2.5%	2.5%	19.8%	13.6%	6.2%	8.6%	7.4%	1.2%	1.2%	12.3%	7.4%	1.2%
		Female	251	0.4%	89.2%	8.0%	20.3%	2.8%	1.2%	3.6%	20.3%	4.4%	1.6%	7.2%	2.0%	0.0%	0.0%	15.9%	0.4%	0.4%
	Māori NZWS	Male	62	1.6%	74.2%	8.1%	45.2%	4.8%	1.6%	9.7%	27.4%	11.3%	11.3%	6.5%	6.5%	0.0%	0.0%	9.7%	6.5%	12.9%
		Female	192	0.5%	86.5%	6.8%	40.1%	2.1%	0.5%	11.5%	24.5%	3.1%	3.6%	6.3%	3.1%	0.0%	0.0%	19.3%	1.0%	2.6%
O - Health and Community Services	Total	Male	91	1.1%	63.7%	9.9%	41.8%	3.3%	2.2%	7.7%	48.4%	13.2%	12.1%	20.9%	17.6%	1.1%	0.0%	38.5%	5.5%	9.9%
		Female	548	1.5%	68.0%	8.0%	46.1%	2.6%	0.9%	7.5%	56.0%	9.4%	10.7%	29.6%	16.9%	0.7%	0.4%	50.4%	0.4%	8.3%
	NZWS	Male	53	1.9%	62.3%	5.7%	41.5%	3.8%	3.8%	3.8%	54.7%	18.9%	13.2%	28.3%	24.5%	1.9%	0.0%	47.2%	5.7%	13.2%
		Female	298	1.7%	68.8%	9.7%	38.6%	1.7%	1.0%	3.4%	58.2%	12.5%	9.8%	32.0%	19.9%	0.7%	0.3%	53.9%	0.7%	2.7%
	Māori NZWS	Male	38	0.0%	65.8%	15.8%	42.1%	2.6%	0.0%	13.2%	39.5%	5.3%	10.5%	10.5%	7.9%	0.0%	0.0%	26.3%	5.3%	5.3%
		Female	250	1.2%	67.1%	6.0%	55.0%	3.6%	0.8%	12.4%	53.2%	5.7%	11.7%	26.7%	13.4%	0.8%	0.4%	46.2%	0.0%	15.0%
P - Cultural and Recreational Services	Total	Male	52	0.0%	50.0%	9.6%	44.2%	1.9%	19.2%	7.7%	36.5%	17.3%	11.5%	7.7%	5.8%	3.8%	0.0%	15.4%	13.5%	23.1%
		Female	87	2.3%	66.3%	12.8%	39.5%	2.3%	4.7%	5.8%	26.7%	5.8%	5.8%	3.5%	5.8%	2.3%	0.0%	12.8%	7.0%	7.0%
	NZWS	Male	32	0.0%	40.6%	6.3%	43.8%	0.0%	25.0%	6.3%	37.5%	15.6%	15.6%	12.5%	6.3%	6.3%	0.0%	18.8%	12.5%	21.9%
		Female	57	1.8%	64.9%	14.0%	36.8%	1.8%	3.5%	5.3%	24.6%	7.0%	3.5%	5.3%	8.8%	1.8%	0.0%	12.3%	7.0%	5.3%
	Māori NZWS	Male	20	0.0%	65.0%	15.0%	45.0%	5.0%	10.0%	10.0%	35.0%	20.0%	5.0%	0.0%	5.0%	0.0%	0.0%	10.0%	15.0%	25.0%
		Female	30	3.4%	69.0%	10.3%	44.8%	3.4%	6.9%	6.9%	31.0%	3.4%	10.3%	0.0%	0.0%	3.4%	0.0%	13.8%	6.9%	10.3%
Q - Personal and other services	Total	Male	104	4.8%	45.2%	9.6%	34.6%	1.9%	22.1%	17.3%	56.3%	27.2%	36.9%	26.2%	8.7%	5.8%	9.7%	32.0%	24.3%	28.2%
		Female	115	2.6%	69.3%	6.1%	38.6%	2.6%	2.6%	7.9%	35.7%	7.0%	5.2%	14.8%	7.0%	0.9%	0.9%	28.7%	3.5%	5.2%
	NZWS	Male	55	1.8%	47.3%	10.9%	32.7%	0.0%	25.5%	3.6%	58.2%	27.3%	38.2%	38.2%	5.5%	9.1%	14.5%	36.4%	30.9%	21.8%
		Female	58	1.7%	70.7%	6.9%	34.5%	0.0%	3.4%	1.7%	44.8%	10.3%	5.2%	22.4%	8.6%	1.7%	0.0%	37.9%	5.2%	3.4%
	Māori NZWS	Male	49	8.2%	42.9%	8.2%	36.7%	4.1%	18.4%	32.7%	54.2%	27.1%	35.4%	12.5%	12.5%	2.1%	4.2%	27.1%	16.7%	35.4%
		Female	57	3.6%	67.9%	5.4%	42.9%	5.4%	1.8%	14.3%	26.3%	3.5%	5.3%	7.0%	5.3%	0.0%	1.8%	19.3%	1.8%	7.0%

*41 participants were missing information or could not be allocated an industry

Ethnic differences (Māori versus non-Māori)

The following results examine a comparison between Māori and non-Māori participants rather than a comparison of surveys and thus the 273 Māori participants from the NZWS have been added to the participants from the Māori NZWS.

Table 8A presents the demographic characteristics and 1-digit occupational and industry distribution by ethnicity. There was a similar proportion of men and women in the non-Māori sample whereas there were slightly more females among the Māori sample. The age structures of Māori and non-Māori differed, with Māori participants being slightly older. Smoking was more prevalent among the Māori sample (29% vs 17%) and Māori were overrepresented in the most deprived groups, with 31% being in NZDep2006 groups 9 and 10 compared to 11% in the NZWS. Māori were also overrepresented in the following occupational groups: service and sales workers (NZSCO 5); plant and machine operators and assemblers (NZSCO 8); and elementary occupations (NZSCO 9), and underrepresented in the occupational groups: legislators, administrators and managers (NZSCO 1); professionals (NZSCO 2); clerks (NZSCO 4); and trades workers (NZSCO 7).

Table 8A: Description of survey samples by ethnicity

	Total		Non-Māori		Māori	
	N=5104		N=2724		N=2380	
	n	%	n	%	n	%
Gender						
Male	2375	46.5	1316	48.3	1059	44.5
Female	2729	53.5	1408	51.7	1321	55.5
Age at interview						
20-34	1058	20.7	584	21.4	474	19.9
35-44	1296	25.4	739	27.1	557	23.4
45-54	1383	27.1	799	29.3	584	24.5
55+	1367	26.8	602	22.1	765	32.1
Ethnicity						
Māori	2380	46.6	-	-	2380	100.0
Pākehā	2386	46.8	2386	87.6	-	-
Pacific Peoples	53	1.0	53	2	-	-
Other	285	5.6	285	10.5	-	-
Smoking						
Never	2257	44.3	1430	52.7	827	34.8
Current	1127	22.1	448	16.5	679	28.6
Ex	1706	33.5	837	30.8	869	36.6
<i>Missing</i>	14		9		5	

	Total		Non-Māori		Māori	
	N=5104		N=2724		N=2380	
	n	%	n	%	n	%
NZ Deprivation Index 2006						
1-2 (least deprived)	1079	21.2	753	27.6	326	13.7
3-4	968	19.0	610	22.4	358	15.1
5-6	1028	20.2	608	22.3	420	17.7
7-8	1011	19.8	466	17.1	545	23.0
9-10 (most deprived)	1011	19.8	287	10.5	724	30.5
<i>Missing</i>	7				7	
Occupation (1-digit NZSCO code)						
1 – Legislators, administrators and managers	692	13.6	426	15.6	266	11.3
2 – Professionals	965	19.0	580	21.3	385	16.3
3 – Technicians and associate professionals	767	15.1	416	15.3	351	14.9
4 – Clerks	565	11.1	328	12.1	237	10.0
5 – Service and sales workers	675	13.3	324	11.9	351	14.9
6 – Agricultural and fishery workers	305	6.0	169	6.2	136	5.8
7 – Trade workers	392	7.7	231	8.5	161	6.8
8 – Plant and machine operators and assemblers	461	9.1	155	5.7	306	13.0
9 – Elementary occupations	261	5.1	94	3.5	167	7.1
<i>Missing</i>	21		1		20	
Industry (1-digit ANZSIC code)						
A - Agriculture, Forestry and Fishing	328	6.5	181	6.7	147	6.3
B - Mining	18	0.4	10	0.4	8	0.3
C - Manufacturing	667	13.2	359	13.2	308	13.1
D - Electricity, Gas and Water Supply	38	0.8	20	0.7	18	0.8
E - Construction	367	7.3	189	7.0	178	7.6
F - Wholesale Trade	156	3.1	107	4.0	49	2.1
G - Retail Trade	441	8.7	247	9.1	194	8.3
H - Accommodation, Cafes and Restaurants	179	3.5	85	3.1	94	4.0
I - Transport and Storage	220	4.4	95	3.5	125	5.3
J - Communication Services	100	2.0	44	1.6	56	2.4
K - Finance and Insurance	160	3.2	109	4.0	51	2.2
L - Property and Business Services	482	9.5	312	11.5	170	7.2
M - Government Administration and Defence	324	6.4	154	5.7	170	7.2
N - Education	586	11.6	296	10.9	290	12.3
O - Health and Community Services	639	12.6	319	11.8	320	13.6
P - Cultural and Recreational Services	139	2.8	77	2.8	62	2.6
Q - Personal and other services	219	4.3	107	4.0	112	4.8
<i>Missing</i>	41		13		28	

Note: there were 6 participants who had missing ethnicity information who are excluded from the ethnic differences analyses

Table 9A presents the overall prevalence of current job exposures including organisational factors, dust/chemical factors, and physical factors by ethnicity. Māori participants reported slightly higher prevalences of both night shift (10% vs 7%) and regularly working outside the hours of 7am-8.30pm (29% vs 23%). Exposure to dust/chemical factors revealed a mixed pattern, however; in general, the prevalences for exposure to physical factors were higher for the Māori NZWS, including lifting (54% vs 38%) and loud noise (44% vs 29%).

Table 9A: Prevalence of current job exposures by ethnicity

	Total		Non-Māori		Māori		
	N=5104		N=2724		N=2380		
			Total		Total		<i>Missing</i>
	n	%	n	%	n	%	
Organisational factors							
Hours worked per week: Mean & SD	39.2	14.4SD	38.9	14.7SD	39.4	13.9SD	63
Range	0.81-105		0.81-100		1.5-105		
Hours worked >48 hours	1111	22.0	640	23.6	471	20.3	63
Hours worked >55 hours	480	9.5	245	9.0	235	10.1	63
Days worked per week	4.9	1.1SD	4.9	1.1SD	4.9	1.0SD	65
Irregular hours*	1249	25.4	593	22.6	656	28.6	182
Night shift in last 4 weeks	419	8.5	181	7.0	238	10.3	195
Number of night shifts#							
	>5	181	44.8	83	47.2	98	43.0
	5-10	119	29.5	58	33.0	61	26.8
	10+	104	25.7	35	19.9	69	30.3
Current exposure							
Dust	1603	31.5	793	29.1	810	34.2	11
Smoke or Fumes	981	19.3	485	17.8	496	20.9	11
Gas	431	8.5	214	7.9	217	9.2	11
Oil and Solvents	1013	19.9	577	21.2	436	18.4	11
Acids or Alkalis	476	9.4	269	9.9	207	8.7	11
Pesticides	489	9.6	260	9.5	229	9.7	11
Other Chemicals	753	14.8	375	13.8	378	16.0	11
Any of the above	2616	51.3	1350	49.6	1266	53.2	
Physical factors (≥25% of the time)							
Awkward or tiring positions	3039	59.9	1497	55.2	1542	65.4	31
Awkward grip or hand movements	2164	42.7	1006	37.1	1158	49.2	34
Lifting	2314	45.6	1034	38.0	1280	54.3	27
Repetitive Tasks	3691	72.9	1828	67.6	1863	79.0	38
Working at very high speed	2758	54.4	1374	50.7	1384	58.6	34
Working to tight deadlines	3839	75.7	1979	73.0	1860	78.9	34
Boring work	2108	41.6	1114	41.2	994	42.2	42
Working in a cold/damp environment	1564	30.9	625	23.1	939	39.9	45
Working in a hot/warm environment	1823	36.0	723	26.8	1100	46.7	45

	Total		Non-Māori		Māori		
	N=5104		N=2724		N=2380		
			Total		Total		Missing
	n	%	n	%	n	%	
Standing	1490	29.4	743	27.4	747	31.7	29
Sitting	3253	64.1	1783	65.7	1470	62.3	29
Tools that vibrate	779	15.4	297	10.9	482	20.5	36
Working outside	1810	35.7	779	28.8	1031	43.7	39
Loud noise	1818	35.8	789	29.0	1029	43.6	26

*Started before 7am and/or finished after 8.30pm; 164 individuals did not have enough information to determine whether they worked irregular hours

#Of those that reported working night shift

Table 10A presents the overall prevalence of how satisfied participants were with different aspects of their current job and how stressful they found their current job by ethnicity. For all of the items under study, the Māori NZWS participants reported higher prevalences of being satisfied or very satisfied with larger differences in prevalence noted for contact and cooperation with senior management, the way work is organised, the help and support given by their supervisor, the way the organisation is run, and the total number of overtime hours offered/expected per week with a higher proportion of non-Māori responding with “not applicable” (46% vs 31%).

Table 10A: Prevalence of work satisfaction and job stress by ethnicity

	Total		Non-Māori		Māori	
	N=5104		N=2724		N=2380	
			Total		Total	
	n	%	n	%	n	%
Work Satisfaction: How satisfied are you with different aspects of your current job?						
<i>The total number of working hours per week?</i>						
Very satisfied - satisfied	3847	75.6	2025	74.4	1822	77.0
Neutral	677	13.3	376	13.8	301	12.7
Dissatisfied - very dissatisfied	541	10.6	307	11.3	234	9.9
N/A	21	0.4	13	0.5	8	0.3
<i>Missing</i>	18		3		15	
<i>Contact and co-operation between yourself and senior management?</i>						
Very satisfied - satisfied	3025	59.5	1518	55.8	1507	63.8
Neutral	680	13.4	379	13.9	301	12.8
Dissatisfied - very dissatisfied	700	13.8	399	14.7	301	12.8
N/A	676	13.3	424	15.6	252	10.7
<i>Missing</i>	23		4		19	
<i>The level of enjoyment of your work?</i>						
Very satisfied - satisfied	4048	79.6	2128	78.2	1920	81.2

	Total		Non-Māori		Māori	
	N=5104		N=2724		N=2380	
			Total		Total	
	n	%	n	%	n	%
Neutral	715	14.1	403	14.8	312	13.2
Dissatisfied - very dissatisfied	319	6.3	187	6.9	132	5.6
N/A	3	0.1	2	0.1	1	0.1
<i>Missing</i>	19		4		15	
<i>The level of difficulty of your work?</i>						
Very satisfied - satisfied	3545	69.7	1853	68.1	1692	71.6
Neutral	1052	20.7	621	22.8	431	18.2
Dissatisfied - very dissatisfied	430	8.5	217	8.0	213	9.0
N/A	56	1.1	29	1.1	27	1.1
<i>Missing</i>	21		4		17	
<i>The help & support given to you by colleagues?</i>						
Very satisfied - satisfied	3904	76.8	2017	74.2	1887	79.8
Neutral	554	10.9	334	12.3	220	9.3
Dissatisfied - very dissatisfied	325	6.4	186	6.8	139	5.9
N/A	301	5.9	182	6.7	119	5.0
<i>Missing</i>	20		5		15	
<i>The way your work is organised?</i>						
Very satisfied - satisfied	3601	70.9	1827	67.2	1774	75.1
Neutral	836	16.5	472	17.4	364	15.4
Dissatisfied - very dissatisfied	513	10.1	306	11.3	207	8.8
N/A	132	2.6	115	4.2	17	0.7
<i>Missing</i>	22		4		18	
<i>The level of mental demands of your work?</i>						
Very satisfied - satisfied	3510	69.2	1870	68.8	1640	69.5
Neutral	972	19.2	548	20.2	424	18.0
Dissatisfied - very dissatisfied	557	11.0	282	10.4	275	11.7
N/A	37	0.7	17	0.6	20	0.9
<i>Missing</i>	28		7		21	
<i>The times of day you are asked to work?</i>						
Very satisfied - satisfied	3821	75.2	1975	72.7	1846	78.1
Neutral	610	12.0	336	12.4	274	11.6
Dissatisfied - very dissatisfied	395	7.8	223	8.2	172	7.3
N/A	256	5.0	184	6.8	72	3.1
<i>Missing</i>	22		6		16	
<i>The help of & support given to you by your supervisor?</i>						
Very satisfied - satisfied	2925	57.6	1427	52.5	1498	63.4
Neutral	553	10.9	286	10.5	267	11.3
Dissatisfied - very dissatisfied	534	10.5	312	11.5	222	9.4
N/A	1068	21.0	693	25.5	375	15.9
<i>Missing</i>	24		6		18	

	Total		Non-Māori		Māori	
	N=5104		N=2724		N=2380	
			Total		Total	
	n	%	n	%	n	%
<i>The way your organisation is run?</i>						
Very satisfied - satisfied	3058	60.3	1510	55.6	1548	65.7
Neutral	1001	19.7	591	21.8	410	17.4
Dissatisfied –very dissatisfied	847	16.7	483	17.8	364	15.4
N/A	169	3.3	133	4.9	36	1.5
<i>Missing</i>	29		7		22	
<i>The total number of hours overtime offered/expected per week?</i>						
Very satisfied - satisfied	2038	40.2	951	35.0	1087	46.1
Neutral	598	11.8	282	10.4	316	13.4
Dissatisfied - very dissatisfied	486	9.6	249	9.2	237	10.1
N/A	1954	38.5	1235	45.5	719	30.5
<i>Missing</i>	28		7		21	
<i>Co-operation among you and your fellow workers?</i>						
Very satisfied - satisfied	4117	81.1	2138	78.7	1979	83.8
Neutral	451	8.9	275	10.1	176	7.5
Dissatisfied - very dissatisfied	173	3.4	102	3.8	71	3.0
N/A	337	6.6	202	7.4	135	5.7
<i>Missing</i>	26		7		19	
<i>Work, as a whole?</i>						
Very satisfied - satisfied	4263	84.0	2240	82.4	2023	85.7
Neutral	538	10.6	303	11.2	235	10.0
Dissatisfied - very dissatisfied	265	5.2	167	6.2	98	4.2
N/A	11	0.2	7	0.3	4	0.2
<i>Missing</i>	27		7		20	
<i>The level of physical demands of your work?</i>						
Very satisfied - satisfied	3387	66.7	1742	64.1	1645	69.7
Neutral	965	19.0	549	20.2	416	17.6
Dissatisfied - very dissatisfied	422	8.3	228	8.4	194	8.2
N/A	304	6.0	198	7.3	106	4.5
<i>Missing</i>	26		7		19	
<i>Job Stress: In general, how do you find your current job?</i>						
<i>Stress</i>						
Not at all - Mildly	2161	42.6	1068	39.4	1093	46.4
Moderately	2155	42.5	1245	45.9	910	38.6
Very - Extremely	756	14.9	401	14.8	355	15.1
<i>Missing</i>	32		10		22	

Table 11A presents the overall prevalence of control measures including ventilation and PPE by ethnicity. Almost half of the sample for both groups reported that they wear PPE at work and gloves were the most

commonly reported PPE item. Non-Māori participants reported higher prevalences of apron use and hearing protection use, and a lower prevalence of other types of PPE.

Table 11A: Prevalence of control measures by ethnicity

	Total		Non-Māori		Māori		<i>Missing</i>
	N=5104		N=2724		N=2380		
	n	%	n	%	n	%	
<i>Ventilation</i>							
No ventilation	147	2.9	44	1.6	103	4.4	19
Open doors and windows	2833	55.7	1548	56.8	1285	54.4	19
Ventilation fan ducted to outside	571	11.2	312	11.5	259	11.0	19
Air conditioning	2145	42.2	1081	39.7	1064	45.1	19
Fume hood with fan and air filters	170	3.3	64	2.4	106	4.5	19
Outside	447	8.8	311	11.4	136	5.8	19
Other	428	8.4	100	3.7	328	13.9	19
<i>Effectiveness of ventilation</i>							
Not at all	554	11.2	306	11.8	248	10.6	
Moderately effective	1939	39.4	1102	42.6	837	35.8	
Very effective	2287	46.4	1103	42.6	1184	50.6	
Don't know	147	3.0	76	2.9	71	3	177
<i>Personal Protective Equipment</i>							
Use of PPE	2455	48.3	1275	46.8	1180	49.9	20
Goggles**	920	18.1	514	18.9	406	17.2	22
Footwear**	1206	23.7	590	21.7	616	26.1	22
Apron**	985	19.4	640	23.5	345	14.6	22
Simple Dust Mask **	639	12.6	350	12.9	289	12.3	22
Filter Cartridge Respirator**	215	4.2	121	4.4	94	4.0	22
Air Supplied Respirator or SCBA**	49	1.0	26	1.0	23	1.0	22
Rubber or Plastic Gloves**	1398	27.5	745	27.4	653	27.7	22
Hearing protection**	798	15.7	463	17.0	335	14.2	22
Other**	680	13.4	253	9.3	427	18.1	22

*2 Participants that didn't know if they use PPE were included in the missing information.

**The 20 participants who did not answer the initial PPE question were excluded from the specific PPE prevalences.

Table 12A compares the prevalence of a range of occupational exposures between Māori and non-Māori males. ORs and 95% CIs were calculated using unconditional logistic regression. Māori males were more likely to be exposed to dust (OR 1.27; 95% CI 1.07-1.49) and smoke, fume or gas (OR 1.27; 95% CI 1.07-1.52) than non-Māori males. The differences were attenuated after adjusting for age and SES, and weakened further after adjustment for occupation and industry. Māori males were more likely to be exposed to all physical and organisational factors and these differences remained after adjustment for age, SES, occupation, and industry. For example, Māori men were more than twice as likely to report lifting

compared to non-Māori men, even after adjustment for age, SES, occupation and industry (OR 2.08; 95% CI 1.71-2.54). Only the difference in the prevalence of irregular hours and night shift work among men attenuated after adjustment for occupation and industry. Non-Māori males were more likely to report moderate and very or extremely stressful jobs.

Table 12A: Differences in occupational exposure prevalence between Māori versus non-Māori males

	Māori	Non-Māori	Adjusted for age n = 2353 ^b	Adjusted for age and SES n = 2353 ^b	Adjusted for age, SES occupation (1 st digit) and industry n = 2353 ^b
Exposure	N=1042	N=1311	OR ^a (95% CI)	OR ^a (95% CI)	OR ^a (95% CI)
Dust/chemical factors					
Dust	45.5	39.9	1.27 (1.07-1.49)*	1.16 (0.98-1.38)	1.12 (0.92-1.37)
Smoke/Fume/Gas	34.2	29.1	1.27 (1.07-1.52)*	1.17 (0.98-1.41)	1.11 (0.91-1.35)
Oils and solvents	28.4	30.1	0.94 (0.78-1.12)	0.88 (0.73-1.06)	0.84 (0.68-1.03)
Acids and alkalis	13.9	13.8	1.02 (0.80-1.28)	0.98 (0.77-1.25)	0.95 (0.73-1.23)
Pesticides	14.0	14.5	0.94 (0.75-1.19)	0.90 (0.71-1.15)	0.80 (0.61-1.06)
Other Chemical Products	15.5	13.9	1.15 (0.92-1.45)	1.09 (0.86-1.39)	1.06 (0.82-1.36)
Physical factors					
Lifting ^c	62.0	41.9	2.32 (1.96-2.75)*	2.06 (1.73-2.46)*	2.08 (1.71-2.54)*
Loud noise ^c	56.6	39.5	2.03 (1.72-2.40)*	1.78 (1.50-2.12)*	1.69 (1.38-2.06)*
Awkward or tiring positions ^c	69.4	53.5	2.01 (1.69-2.39)*	1.84 (1.54-2.20)*	1.71 (1.42-2.07)*
Awkward grip or hand movements ^c	56.2	39.5	2.01 (1.70-2.37)*	1.84 (1.55-2.19)*	1.82 (1.51-2.19)*
Standing ^c	33.5	26.3	1.42 (1.19-1.70)*	1.35 (1.12-1.63)*	1.32 (1.09-1.60)*
Tools that Vibrate ^c	33.1	16.8	2.52 (2.07-3.06)*	2.29 (1.86-2.80)*	2.35 (1.87-2.95)*
Organizational factors					
Repetitive tasks ^c	80.0	63.8	2.37 (1.95-2.87)*	2.07 (1.69-2.52)*	1.98 (1.60-2.44)*
Working at very high speeds ^c	58.4	46.4	1.72 (1.45-2.04)*	1.67 (1.40-1.99)*	1.63 (1.36-1.96)*
Working to tight deadlines ^c	80.5	74.7	1.47 (1.20-1.79)*	1.61 (1.31-2.00)*	1.72 (1.38-2.14)*
Irregular hours	34.8	29.1	1.30 (1.09-1.55)*	1.23 (1.02-1.49)*	1.11 (0.90-1.36)
Night shift	13.5	10.0	1.42 (1.09-1.83)*	1.39 (1.06-1.82)*	1.18 (0.88-1.57)
Stress					
Not at all - Mildly	47.1	36.3	1.00 (ref)	1.00 (ref)	1.00 (ref)
Moderately	40.5	48.5	0.65 (0.54-0.77)*	0.73 (0.61-0.88)*	0.80 (0.66-0.96)*
Very - Extremely	12.4	15.2	0.63 (0.49-0.81)*	0.68 (0.52-0.89)*	0.71 (0.54-0.94)*
*Statistically significant p<0.05					
^a ORs and 95% CIs were calculated using unconditional logistic regression for Māori compared to non-Māori					
^b 22 males who took part in the surveys were excluded because they either provided no ethnicity information, could not be assigned an occupational group or industry (unemployed, a student, a housewife/husband or did not answer), or if deprivation index could not be classified.					
^c >25% of the time					

Table 13A compares the prevalence of various occupational exposures between Māori and non-Māori females. ORs and 95% CIs were calculated using unconditional logistic regression for Māori compared to non-Māori. Māori women were more likely to report exposure to dust (OR 1.42; 95% CI 1.18-1.70) and smoke, fume or gas (OR 1.34; 95% CI 1.08-1.65), but the difference in exposure to smoke, fume or gas weakened in fully adjusted models. However, Māori women remained more likely to report exposure to dust even after adjustment for age, SES, occupation, and industry. In addition, Māori women were less likely than non-Māori women to report exposure to oils and solvents. Māori females were more likely to be exposed to all physical and organisational factors and these differences remained after adjustment for age, SES, occupation, industry. For example, Māori women were almost twice as likely to work night shifts (OR 1.73; 95% CI 1.19-2.52). Only standing did not show a difference by ethnicity.

Table 13A: Differences in occupational exposure prevalence between Māori versus non-Māori females

	Māori	Non-Māori	Adjusted for age n = 2701 ^b	Adjusted for age and SES n = 2701 ^b	Adjusted for age, SES, occupation (1 st digit) and industry n = 2701 ^b
Exposure	N=1302	N=1399	OR ^a (95% CI)	OR ^a (95% CI)	OR ^a (95% CI)
Dust/Chemical factors					
Dust	25.2	19.2	1.42 (1.18-1.70)*	1.40 (1.15-1.70)*	1.37 (1.12-1.69)*
Smoke/Fume/Gas	17.2	13.7	1.34 (1.08-1.65)*	1.20 (0.96-1.51)	1.13 (0.90-1.43)
Oils and solvents	10.5	12.9	0.82 (0.65-1.04)	0.78 (0.60-1.00)	0.72 (0.55-0.93)*
Acids and alkalis	4.6	6.3	0.74 (0.53-1.04)	0.85 (0.60-1.21)	0.77 (0.54-1.12)
Pesticides	6.2	5	1.27 (0.91-1.77)	1.31 (0.93-1.86)	1.35 (0.91-2.00)
Other Chemical Products	16.2	13.7	1.25 (1.01-1.54)*	1.20 (0.95-1.50)	1.14 (0.90-1.44)
Physical factors					
Lifting ^c	48.4	34.4	1.83 (1.57-2.14)*	1.68 (1.42-1.98)*	1.68 (1.41-2.00)*
Loud noise ^c	33.5	19.4	2.21 (1.85-2.64)*	1.93 (1.60-2.32)*	1.79 (1.47-2.18)*
Awkward or tiring positions ^c	62.3	56.7	1.32 (1.13-1.55)*	1.31 (1.11-1.54)*	1.27 (1.07-1.51)*
Awkward grip or hand	43.5	34.9	1.47 (1.26-1.72)*	1.37 (1.16-1.61)*	1.37 (1.15-1.62)*
Standing ^c	30.2	28.4	1.11 (0.94-1.31)	1.03 (0.87-1.23)	0.97 (0.81-1.18)
Tools that Vibrate ^c	10.3	5.4	2.08 (1.55-2.80)*	1.73 (1.27-2.36)	1.49 (1.07-2.08)*
Organizational factors					
Repetitive tasks ^c	78.2	71.1	1.56 (1.30-1.86)*	1.48 (1.23-1.79)*	1.51 (1.24-1.83)*
Working at very high speeds ^c	59.3	54.9	1.27 (1.09-1.49)*	1.22 (1.04-1.44)*	1.21 (1.02-1.43)*
Working to tight deadlines ^c	78	71.3	1.60 (1.33-1.91)*	1.72 (1.42-2.08)*	1.82 (1.49-2.22)*
Irregular hours	23.5	16.4	1.56 (1.28-1.90)*	1.45 (1.18-1.79)*	1.36 (1.09-1.68)*
Night shift	7.8	4.1	1.90 (1.35-2.68)*	1.79 (1.25-2.58)*	1.73 (1.19-2.52)*
Stress					
Not at all - Mildly	45.9	42.4	1.00 (ref)	1.00 (ref)	1.00 (ref)
Moderately	36.9	43.4	0.81 (0.68-0.95)*	0.82 (0.69-0.98)*	0.85 (0.71-1.02)
Very - Extremely	17.2	14.2	1.13 (0.90-1.42)	1.13 (0.89-1.43)	1.19 (0.93-1.52)
*Statistically significant p<0.05					
^a ORs and 95% CIs were calculated using unconditional logistic regression for Māori compared to non-Māori					
^b 28 females who took part in the surveys were excluded because they either provided no ethnicity information, could not be assigned an occupational group or industry (unemployed, a student, a housewife/husband or did not answer), or if deprivation index could not be classified.					
^c ≥25% of the time					

The prevalence of self-reported exposures and control measures by 1-digit NZSCO occupational group (i.e. 9 major occupational groups) and ethnicity is presented in Table 14A.

Comparing exposure to dust and chemical factors between Māori and non-Māori across occupational groups revealed a mixed pattern. For example, exposure to dust and smoke, fume or gas was more commonly reported by Māori for some occupational groups and by non-Māori for other occupational groups. Exposure to oils and solvents, acids and alkalis, and pesticides was generally higher among non-Māori across occupational groups, whereas exposure to other chemical products was higher for Māori. Māori workers in all occupational groups were more exposed to physical risk factors (other than for standing where the pattern was reversed for some occupational groups). Across all occupational groups, the proportion of Māori participants who reported exposure to organisational factors, such as repetitive tasks and working to tight deadlines, was higher than for non-Māori (other than for irregular hours where the pattern was reversed for some occupational groups).

Māori and non-Māori reported very similar levels of PPE use within occupational groups, other than agricultural and fishery workers where non-Māori reported higher use of PPE (92% vs 77%).

Table 14A: Prevalence of current job exposures and control measures by 1-digit occupation (i.e. 9 major occupational groups) and ethnicity

NZSCO 1-DIGIT OCCUPATIONAL CODE	Ethnicity	N	Organisational factors				Current Exposure								
			Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above	
1 – Legislators, administrators and managers	Total	692	39.7%	17.1%	21.0%	7.1%	22.6%	13.8%	4.9%	12.5%	5.0%	4.7%	8.0%	37.5%	
	Non-Māori	426	42.5%	15.5%	18.4%	6.5%	22.5%	14.6%	4.2%	14.1%	4.9%	3.5%	7.3%	37.6%	
	Māori	266	35.1%	19.6%	25.0%	8.0%	22.6%	12.6%	5.9%	10.0%	5.2%	6.7%	9.3%	37.4%	
2 – Professionals	Total	965	22.7%	8.2%	19.1%	8.7%	19.9%	9.4%	7.3%	11.4%	6.2%	4.2%	13.1%	36.4%	
	Non-Māori	580	24.8%	8.4%	19.1%	8.1%	17.2%	9.7%	8.8%	12.2%	6.9%	4.0%	13.3%	35.5%	
	Māori	385	19.5%	7.9%	19.1%	9.4%	23.8%	9.1%	5.2%	10.1%	5.2%	4.7%	13.0%	37.8%	
3 – Technicians and associate professionals	Total	767	13.4%	4.2%	18.2%	7.8%	20.3%	12.5%	4.8%	13.8%	6.9%	5.5%	11.3%	38.4%	
	Non-Māori	416	14.5%	4.3%	15.9%	6.0%	21.2%	12.5%	4.3%	17.1%	8.2%	6.0%	11.1%	38.5%	
	Māori	351	12.1%	4.0%	20.9%	9.8%	19.3%	12.5%	5.4%	9.9%	5.4%	4.8%	11.6%	38.2%	
4 – Clerks	Total	565	4.8%	1.4%	12.5%	2.9%	22.5%	12.2%	4.2%	7.3%	2.8%	3.4%	9.9%	36.5%	
	Non-Māori	328	3.7%	0.6%	8.5%	1.6%	18.6%	10.1%	3.0%	7.0%	2.1%	2.7%	10.7%	32.9%	
	Māori	237	6.3%	2.5%	17.9%	4.7%	27.8%	15.2%	5.9%	7.6%	3.8%	4.2%	8.9%	41.4%	
5 – Service and sales workers	Total	675	11.3%	5.6%	34.6%	11.5%	21.8%	21.2%	11.0%	19.3%	8.3%	4.7%	19.1%	54.8%	
	Non-Māori	324	9.9%	4.0%	29.3%	8.1%	17.9%	17.9%	9.3%	21.0%	9.0%	2.8%	17.6%	53.7%	
	Māori	351	12.7%	7.1%	39.4%	14.5%	25.4%	24.2%	12.5%	17.7%	7.7%	6.6%	20.5%	55.8%	
6 – Agricultural and fishery workers	Total	305	40.0%	25.0%	39.8%	6.2%	56.4%	31.5%	6.2%	34.8%	22.6%	56.4%	17.7%	85.6%	
	Non-Māori	169	45.8%	28.0%	40.9%	5.6%	55.6%	26.0%	7.1%	36.1%	27.8%	62.1%	14.2%	88.2%	
	Māori	136	32.6%	21.2%	38.5%	7.0%	57.4%	38.2%	5.1%	33.1%	16.2%	49.3%	22.1%	82.4%	
7 – Trade workers	Total	392	25.8%	10.1%	22.2%	5.1%	71.9%	39.3%	18.6%	55.9%	20.2%	16.6%	26.0%	87.0%	
	Non-Māori	231	24.7%	9.1%	23.4%	4.5%	75.8%	40.3%	19.0%	61.0%	24.2%	17.3%	25.5%	90.0%	
	Māori	161	27.6%	11.5%	20.5%	5.8%	66.5%	37.9%	18.0%	48.4%	14.3%	15.5%	26.7%	82.6%	
8 – Plant and machine operators and assemblers	Total	461	31.1%	15.9%	48.0%	16.9%	52.9%	36.0%	15.2%	31.5%	15.8%	10.2%	17.6%	74.6%	
	Non-Māori	155	34.4%	14.9%	49.3%	18.4%	54.8%	40.6%	14.8%	33.5%	12.9%	11.0%	16.8%	78.1%	
	Māori	306	29.3%	16.3%	47.2%	16.1%	52.0%	33.7%	15.4%	30.4%	17.3%	9.8%	18.0%	72.9%	
9 – Elementary occupations	Total	261	20.2%	7.8%	35.1%	12.2%	48.1%	26.5%	11.2%	26.5%	13.5%	14.6%	23.5%	70.8%	
	Non-Māori	94	25.5%	6.4%	40.2%	10.5%	38.3%	25.5%	8.5%	31.9%	16.0%	18.1%	21.3%	68.1%	
	Māori	167	17.1%	8.5%	32.1%	13.1%	53.6%	27.1%	12.7%	23.5%	12.0%	12.7%	24.7%	72.3%	

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
NZSCO 1-DIGIT OCCUPATIONAL CODE	Ethnicity															
1 – Legislators, administrators and managers	Total	692	47.1%	31.6%	32.8%	61.3%	50.7%	81.2%	37.8%	20.3%	24.3%	22.2%	79.0%	6.9%	24.0%	22.1%
	Non-Māori	426	43.8%	28.9%	24.7%	55.0%	47.6%	80.3%	37.1%	17.0%	17.3%	20.0%	81.8%	5.0%	19.1%	19.5%
	Māori	266	52.4%	35.8%	45.6%	71.4%	55.6%	82.6%	38.9%	25.7%	35.2%	25.6%	74.4%	10.0%	31.5%	26.3%
2 – Professionals	Total	965	53.5%	30.6%	30.0%	58.7%	44.2%	81.8%	32.9%	17.2%	27.5%	24.8%	79.1%	5.7%	25.9%	21.9%
	Non-Māori	580	49.1%	29.3%	25.7%	53.8%	43.9%	78.3%	31.5%	13.7%	23.1%	25.2%	77.6%	5.2%	19.9%	19.9%
	Māori	385	60.3%	32.5%	36.4%	66.1%	44.7%	87.0%	34.9%	22.5%	34.2%	24.2%	81.3%	6.5%	34.9%	24.9%
3 – Technicians and associate professionals	Total	767	55.4%	36.1%	35.2%	69.3%	47.4%	74.7%	38.2%	22.3%	26.7%	22.1%	77.9%	7.6%	31.2%	24.0%
	Non-Māori	416	53.8%	33.3%	30.7%	66.5%	44.2%	72.3%	40.6%	18.2%	21.4%	22.7%	78.3%	5.3%	24.2%	17.8%
	Māori	351	57.4%	39.5%	40.5%	72.5%	51.3%	77.6%	35.3%	27.0%	33.0%	21.4%	77.3%	10.2%	39.4%	31.2%
4 – Clerks	Total	565	52.7%	38.9%	29.2%	82.6%	62.7%	76.6%	51.5%	19.5%	28.1%	24.3%	85.8%	3.9%	15.6%	21.8%
	Non-Māori	328	49.1%	32.0%	22.9%	79.4%	57.4%	70.3%	51.2%	11.9%	19.3%	21.7%	88.7%	3.0%	9.5%	14.4%
	Māori	237	57.8%	48.5%	38.0%	86.9%	70.0%	85.2%	51.9%	30.1%	40.4%	27.8%	81.8%	5.1%	24.1%	32.1%
5 – Service and sales workers	Total	675	67.0%	47.2%	59.5%	80.7%	60.6%	65.5%	41.6%	25.2%	41.2%	42.3%	41.5%	10.4%	32.1%	30.9%
	Non-Māori	324	59.9%	38.0%	51.5%	78.1%	57.0%	62.0%	38.9%	20.5%	31.0%	43.0%	35.2%	8.0%	21.3%	23.8%
	Māori	351	73.7%	55.8%	66.9%	83.2%	64.0%	68.7%	44.1%	29.6%	50.7%	41.5%	47.3%	12.6%	42.2%	37.5%
6 – Agricultural and fishery workers	Total	305	73.3%	57.5%	69.3%	83.6%	53.3%	64.5%	39.5%	62.2%	57.2%	29.1%	37.5%	33.7%	87.4%	54.8%
	Non-Māori	169	72.9%	51.2%	67.9%	79.4%	48.2%	59.5%	40.0%	52.1%	40.9%	28.0%	41.1%	24.4%	91.7%	47.6%
	Māori	136	73.9%	65.4%	71.2%	88.7%	59.7%	71.0%	38.8%	74.6%	77.4%	30.6%	33.1%	45.5%	82.1%	63.9%
7 – Trade workers	Total	392	75.2%	66.3%	72.6%	79.5%	62.9%	79.5%	48.1%	53.7%	53.7%	34.1%	25.6%	44.8%	56.0%	73.6%
	Non-Māori	231	71.7%	61.0%	67.1%	73.9%	60.2%	77.1%	48.0%	44.6%	44.6%	32.0%	26.0%	36.2%	49.1%	70.0%
	Māori	161	80.1%	73.9%	80.6%	87.5%	66.9%	83.1%	48.1%	66.9%	66.9%	37.1%	25.0%	57.2%	66.0%	78.8%
8 – Plant and machine operators and assemblers	Total	461	70.4%	56.9%	64.6%	81.2%	61.6%	78.6%	50.5%	58.6%	53.6%	39.6%	62.2%	35.8%	52.6%	72.4%
	Non-Māori	155	63.0%	47.4%	53.5%	73.7%	53.6%	74.7%	56.1%	41.4%	40.9%	29.0%	66.5%	26.6%	50.6%	66.5%
	Māori	306	74.2%	61.6%	70.2%	84.9%	65.6%	80.7%	47.7%	67.2%	60.0%	44.9%	60.0%	40.5%	53.6%	75.4%
9 – Elementary occupations	Total	261	71.9%	56.0%	66.5%	88.8%	64.1%	68.5%	51.0%	55.8%	48.6%	39.6%	31.9%	33.5%	49.2%	59.1%
	Non-Māori	94	71.3%	52.2%	61.7%	90.4%	66.0%	67.0%	54.3%	44.1%	35.5%	43.6%	28.7%	24.7%	40.4%	52.1%
	Māori	167	72.3%	58.2%	69.3%	88.0%	63.0%	69.3%	49.1%	62.4%	56.0%	37.3%	33.7%	38.4%	54.2%	63.0%

		N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
NZSCO 1-DIGIT OCCUPATIONAL CODE	Ethnicity																		
1 – Legislators, administrators and managers	Total	692	1.9%	56.2%	10.2%	52.9%	3.0%	3.0%	5.6%	31.9%	11.7%	16.4%	12.4%	6.2%	3.2%	0.6%	14.4%	10.5%	7.6%
	Non-Māori	426	1.2%	55.2%	9.6%	53.5%	1.9%	4.0%	2.6%	32.9%	13.8%	17.1%	15.5%	7.0%	3.3%	0.7%	14.8%	12.4%	6.6%
	Māori	266	3.0%	57.8%	11.2%	51.9%	4.9%	1.5%	10.4%	30.5%	8.2%	15.2%	7.4%	4.8%	3.0%	0.4%	13.8%	7.4%	9.3%
2 – Professionals	Total	965	0.9%	64.5%	7.6%	47.7%	2.4%	2.7%	4.8%	32.2%	11.2%	9.9%	14.4%	8.6%	1.7%	0.2%	22.6%	4.9%	8.4%
	Non-Māori	580	0.7%	64.7%	7.6%	43.3%	2.4%	3.6%	2.8%	34.9%	14.2%	11.4%	18.8%	10.9%	1.7%	0.0%	24.4%	6.0%	7.6%
	Māori	385	1.3%	64.3%	7.6%	54.4%	2.3%	1.3%	7.8%	28.1%	6.8%	7.6%	7.8%	5.2%	1.6%	0.5%	19.8%	3.1%	9.7%
3 – Technicians and associate professionals	Total	767	2.0%	54.4%	7.2%	51.6%	3.5%	4.2%	7.0%	33.9%	12.2%	12.8%	14.3%	7.7%	2.2%	0.7%	20.2%	7.7%	10.4%
	Non-Māori	416	1.2%	52.6%	7.9%	49.0%	3.4%	5.0%	4.8%	33.7%	12.5%	11.5%	17.3%	8.7%	1.9%	0.7%	19.2%	8.4%	7.0%
	Māori	351	2.8%	56.4%	6.2%	54.7%	3.7%	3.1%	9.6%	34.1%	11.9%	14.2%	10.8%	6.5%	2.6%	0.6%	21.3%	6.8%	14.5%
4 – Clerks	Total	565	1.1%	53.5%	5.5%	59.4%	1.4%	3.2%	5.9%	20.0%	4.4%	10.8%	5.5%	2.5%	0.7%	0.2%	6.4%	3.9%	6.7%
	Non-Māori	328	1.2%	53.0%	5.2%	54.9%	0.9%	4.0%	4.0%	17.1%	4.9%	7.9%	6.1%	2.1%	0.9%	0.3%	7.0%	3.7%	2.1%
	Māori	237	0.8%	54.2%	5.9%	65.7%	2.1%	2.1%	8.5%	24.2%	3.8%	14.8%	4.7%	3.0%	0.4%	0.0%	5.5%	4.2%	13.1%
5 – Service and sales workers	Total	675	2.5%	63.4%	16.0%	41.4%	5.5%	2.8%	9.6%	55.6%	7.9%	18.0%	27.6%	7.1%	0.9%	1.2%	40.0%	4.3%	10.1%
	Non-Māori	324	1.5%	65.4%	18.2%	36.7%	1.5%	3.7%	4.0%	54.0%	7.4%	16.0%	31.8%	6.5%	0.9%	1.5%	40.1%	4.0%	5.2%
	Māori	351	3.4%	61.4%	14.0%	45.7%	9.1%	2.0%	14.9%	57.0%	8.3%	19.8%	23.8%	7.7%	0.9%	0.9%	39.8%	4.6%	14.6%
6 – Agricultural and fishery workers	Total	305	9.5%	31.9%	4.3%	6.3%	0.3%	53.9%	11.2%	85.6%	29.9%	49.7%	30.3%	20.4%	9.5%	0.3%	46.7%	38.8%	23.0%
	Non-Māori	169	4.1%	34.9%	3.6%	3.6%	0.0%	72.8%	0.6%	92.3%	33.1%	49.1%	39.6%	19.5%	12.4%	0.6%	54.4%	47.9%	17.8%
	Māori	136	16.3%	28.1%	5.2%	9.6%	0.7%	30.4%	24.4%	77.2%	25.9%	50.4%	18.5%	21.5%	5.9%	0.0%	37.0%	27.4%	29.6%
7 – Trade workers	Total	392	5.1%	62.2%	23.0%	13.5%	3.3%	14.8%	12.2%	88.5%	57.9%	54.6%	32.9%	47.2%	20.2%	4.1%	41.1%	54.6%	21.7%
	Non-Māori	231	3.0%	65.8%	28.6%	10.4%	4.3%	19.5%	4.8%	89.2%	62.3%	54.5%	44.2%	48.1%	19.0%	3.5%	44.6%	64.5%	19.9%
	Māori	161	8.1%	57.1%	14.9%	18.0%	1.9%	8.1%	23.0%	87.6%	51.6%	54.7%	16.8%	46.0%	21.7%	5.0%	36.0%	40.4%	24.2%
8 – Plant and machine operators and assemblers	Total	461	5.0%	42.5%	18.7%	33.8%	5.9%	15.6%	16.9%	79.3%	40.2%	54.6%	32.8%	20.4%	7.0%	2.2%	43.9%	37.0%	32.2%
	Non-Māori	155	2.6%	49.0%	20.6%	28.4%	4.5%	25.8%	6.5%	81.9%	38.1%	51.6%	45.2%	19.4%	9.0%	2.6%	44.5%	38.7%	25.2%
	Māori	306	6.2%	39.2%	17.6%	36.6%	6.5%	10.5%	22.2%	78.0%	41.3%	56.1%	26.6%	21.0%	5.9%	2.0%	43.6%	36.1%	35.7%
9 – Elementary occupations	Total	261	5.8%	51.7%	16.6%	30.5%	4.6%	13.9%	12.0%	77.3%	21.2%	38.5%	23.5%	19.6%	3.8%	0.8%	44.2%	25.0%	21.5%
	Non-Māori	94	3.2%	48.9%	14.9%	26.6%	3.2%	19.1%	5.3%	76.6%	23.4%	38.3%	33.0%	20.2%	4.3%	1.1%	46.8%	26.6%	12.8%
	Māori	167	7.3%	53.3%	17.6%	32.7%	5.5%	10.9%	15.8%	77.7%	19.9%	38.6%	18.1%	19.3%	3.6%	0.6%	42.8%	24.1%	26.5%

The prevalence of self-reported exposures and control measures by 1-digit ANZSIC industry group and ethnicity is presented in Table 15A. There was a mixed pattern for dust/chemical factors but for the physical factors, including awkward or tiring positions, awkward grip or hand movements, lifting, repetitive tasks, working at very high speed, using tools that vibrate, and loud noise, Māori reported higher prevalences within the majority of industry groups.

Table 15A: Prevalence of current job exposures and control measures by 1-digit industry and ethnicity

ANZSIC 1-DIGIT INDUSTRY CODE*	Ethnicity	N	Organisational factors				Current exposure								
			Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks	Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above	
A - Agriculture, Forestry and Fishing	Total	328	41.4%	27.4%	45.8%	8.3%	54.9%	28.7%	5.8%	33.2%	20.7%	50.3%	15.9%	81.1%	
	Non-Māori	181	45.6%	29.4%	44.3%	6.9%	54.1%	23.2%	7.7%	33.1%	24.3%	55.8%	11.6%	82.3%	
	Māori	147	36.2%	24.8%	47.5%	10.1%	55.8%	35.4%	3.4%	33.3%	16.3%	43.5%	21.1%	79.6%	
B - Mining	Total	18	38.9%	22.2%	41.2%	17.6%	50.0%	33.3%	27.8%	27.8%	22.2%	0.0%	27.8%	72.2%	
	Non-Māori	10	40.0%	20.0%	50.0%	22.2%	30.0%	30.0%	40.0%	20.0%	30.0%	0.0%	40.0%	70.0%	
	Māori	8	37.5%	25.0%	28.6%	12.5%	75.0%	37.5%	12.5%	37.5%	12.5%	0.0%	12.5%	75.0%	
C - Manufacturing	Total	667	22.6%	7.2%	34.1%	9.9%	49.9%	28.6%	13.4%	31.0%	17.1%	6.9%	20.2%	68.7%	
	Non-Māori	359	24.2%	6.7%	29.8%	8.2%	51.8%	30.6%	11.1%	32.6%	16.7%	7.2%	19.5%	68.8%	
	Māori	308	20.7%	7.9%	39.1%	11.9%	47.7%	26.1%	16.0%	29.1%	17.6%	6.5%	20.9%	68.6%	
D - Electricity, Gas and Water Supply	Total	38	15.8%	7.9%	16.7%	13.2%	31.6%	15.8%	13.2%	18.4%	13.2%	0.0%	5.3%	47.4%	
	Non-Māori	20	10.0%	5.0%	15.8%	10.0%	30.0%	20.0%	15.0%	20.0%	15.0%	0.0%	0.0%	45.0%	
	Māori	18	22.2%	11.1%	17.6%	16.7%	33.3%	11.1%	11.1%	16.7%	11.1%	0.0%	11.1%	50.0%	
E - Construction	Total	367	31.9%	12.2%	16.6%	5.1%	71.9%	33.0%	10.6%	40.9%	13.9%	21.0%	21.0%	80.7%	
	Non-Māori	189	33.0%	11.7%	16.1%	5.4%	72.0%	25.9%	7.4%	43.9%	12.7%	19.6%	21.2%	81.0%	
	Māori	178	30.8%	12.8%	17.1%	4.8%	71.9%	40.4%	14.0%	37.6%	15.2%	22.5%	20.8%	80.3%	
F - Wholesale Trade	Total	156	24.0%	5.2%	22.1%	5.2%	30.1%	18.6%	11.5%	16.0%	8.3%	5.8%	9.6%	49.4%	
	Non-Māori	107	25.5%	2.8%	20.0%	4.7%	27.1%	15.9%	9.3%	17.8%	4.7%	3.7%	8.4%	43.0%	
	Māori	49	20.8%	10.4%	26.5%	6.3%	36.7%	24.5%	16.3%	12.2%	16.3%	10.2%	12.2%	63.3%	
G - Retail Trade	Total	441	17.0%	9.5%	21.6%	5.2%	32.2%	26.1%	10.9%	26.1%	11.1%	5.7%	14.3%	58.0%	
	Non-Māori	247	19.0%	9.7%	18.5%	3.5%	28.3%	24.7%	10.9%	26.3%	13.4%	2.8%	13.4%	56.3%	
	Māori	194	14.4%	9.3%	25.5%	7.4%	37.1%	27.8%	10.8%	25.8%	8.2%	9.3%	15.5%	60.3%	
H - Accommodation, Cafes and Restaurants	Total	179	17.5%	13.0%	43.4%	7.6%	19.0%	25.1%	19.0%	25.1%	14.0%	5.6%	21.8%	67.6%	
	Non-Māori	85	11.8%	9.4%	37.0%	6.3%	12.9%	25.9%	12.9%	25.9%	14.1%	5.9%	22.4%	65.9%	
	Māori	94	22.8%	16.3%	48.9%	8.8%	24.5%	24.5%	24.5%	24.5%	13.8%	5.3%	21.3%	69.1%	

	Organisational factors						Current exposure							
	N	Hours worked >48 hrs	Hours worked >55 hrs	Irregular hours	Night shift in last 4 wks		Dust	Smoke or Fumes	Gas	Oil and Solvents	Acids or Alkalis	Pesticides	Other Chemicals	Any of the above
ANZSIC 1-DIGIT INDUSTRY CODE*	Ethnicity													
I - Transport and Storage	Total	220	39.9%	19.3%	42.4%	21.5%	39.5%	36.8%	13.2%	24.5%	8.2%	7.3%	10.0%	57.3%
	Non-Māori	95	37.9%	13.7%	38.0%	19.1%	33.7%	36.8%	14.7%	26.3%	8.4%	9.5%	6.3%	53.7%
	Māori	125	41.5%	23.6%	45.8%	23.3%	44.0%	36.8%	12.0%	23.2%	8.0%	5.6%	12.8%	60.0%
J - Communication Services	Total	100	20.0%	8.0%	26.8%	10.1%	21.0%	16.0%	7.0%	4.0%	3.0%	7.0%	7.0%	35.0%
	Non-Māori	44	22.7%	9.1%	18.6%	7.0%	11.4%	15.9%	4.5%	2.3%	2.3%	0.0%	11.4%	25.0%
	Māori	56	17.9%	7.1%	33.3%	12.5%	28.6%	16.1%	8.9%	5.4%	3.6%	12.5%	3.6%	42.9%
K - Finance and Insurance	Total	160	13.1%	4.4%	6.4%	0.6%	7.5%	3.1%	1.3%	0.6%	0.0%	0.0%	5.0%	14.4%
	Non-Māori	109	13.8%	4.6%	5.7%	0.0%	5.5%	1.8%	1.8%	0.9%	0.0%	0.0%	1.8%	9.2%
	Māori	51	11.8%	3.9%	7.8%	2.0%	11.8%	5.9%	0.0%	0.0%	0.0%	0.0%	11.8%	25.5%
L - Property and Business Services	Total	482	24.2%	9.0%	19.1%	7.5%	21.8%	10.6%	4.8%	14.1%	3.7%	5.8%	7.9%	33.1%
	Non-Māori	312	27.2%	9.3%	14.6%	5.0%	19.6%	8.7%	4.2%	15.1%	3.8%	6.1%	7.1%	29.2%
	Māori	170	18.6%	8.4%	27.7%	12.0%	26.0%	14.2%	5.9%	12.4%	3.6%	5.3%	9.5%	40.2%
M - Government Administration and Defence	Total	324	13.8%	3.1%	13.9%	9.3%	19.4%	10.5%	3.1%	9.9%	3.1%	6.2%	8.6%	32.7%
	Non-Māori	154	12.5%	2.6%	10.5%	6.8%	16.9%	5.8%	2.6%	9.7%	3.2%	6.5%	8.4%	31.8%
	Māori	170	15.1%	3.6%	17.0%	11.4%	21.8%	14.7%	3.5%	10.0%	2.9%	5.9%	8.8%	33.5%
N - Education	Total	586	24.8%	10.3%	10.3%	2.1%	17.9%	7.5%	3.8%	9.7%	5.6%	4.3%	14.0%	35.7%
	Non-Māori	296	28.0%	10.5%	8.1%	2.1%	14.5%	8.8%	4.7%	10.8%	7.4%	3.7%	14.2%	34.1%
	Māori	290	21.5%	10.2%	12.6%	2.1%	21.4%	6.2%	2.8%	8.6%	3.8%	4.8%	13.8%	37.2%
O - Health and Community Services	Total	639	8.2%	2.7%	29.2%	14.4%	14.6%	9.5%	8.0%	11.6%	6.1%	2.7%	18.3%	41.2%
	Non-Māori	319	9.1%	2.2%	29.7%	13.9%	12.5%	9.4%	10.0%	15.0%	7.2%	2.8%	16.6%	42.3%
	Māori	320	7.3%	3.2%	28.7%	14.8%	16.6%	9.7%	5.9%	8.1%	5.0%	2.5%	20.0%	40.0%
P - Cultural and Recreational Services	Total	139	16.2%	5.9%	32.1%	5.3%	23.7%	17.3%	5.0%	11.5%	3.6%	5.8%	14.4%	46.0%
	Non-Māori	77	18.2%	6.5%	32.9%	5.4%	20.8%	19.5%	1.3%	14.3%	5.2%	6.5%	16.9%	46.8%
	Māori	62	13.6%	5.1%	31.0%	5.1%	27.4%	14.5%	9.7%	8.1%	1.6%	4.8%	11.3%	45.2%
Q - Personal and other services	Total	219	20.7%	9.9%	31.1%	14.2%	25.6%	24.2%	10.0%	18.3%	9.1%	15.5%	17.4%	51.1%
	Non-Māori	107	24.3%	8.4%	30.3%	10.8%	22.4%	22.4%	7.5%	21.5%	9.3%	15.9%	20.6%	51.4%
	Māori	112	17.0%	11.3%	31.8%	17.4%	28.6%	25.9%	12.5%	15.2%	8.9%	15.2%	14.3%	50.9%
*41 participants were missing information or could not be allocated an industry														

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Ethnicity															
A - Agriculture, Forestry and Fishing	Total	328	71.5%	58.0%	65.1%	80.4%	54.8%	68.1%	42.2%	57.7%	54.2%	30.6%	43.7%	31.3%	82.7%	52.9%
	Non-Māori	181	69.7%	49.4%	61.7%	76.3%	47.8%	62.2%	41.2%	44.0%	38.6%	29.1%	47.2%	22.2%	87.2%	43.3%
	Māori	147	73.8%	68.8%	69.4%	85.4%	63.4%	75.5%	43.4%	74.3%	73.4%	32.4%	39.3%	42.7%	77.2%	64.8%
B - Mining	Total	18	50.0%	50.0%	38.9%	88.9%	55.6%	88.9%	44.4%	50.0%	50.0%	22.2%	94.4%	33.3%	61.1%	50.0%
	Non-Māori	10	40.0%	30.0%	30.0%	90.0%	50.0%	80.0%	50.0%	40.0%	40.0%	20.0%	90.0%	20.0%	60.0%	40.0%
	Māori	8	62.5%	75.0%	50.0%	87.5%	62.5%	100.0%	37.5%	62.5%	62.5%	25.0%	100.0%	50.0%	62.5%	62.5%
C - Manufacturing	Total	667	59.6%	48.9%	55.4%	76.7%	60.2%	80.0%	48.9%	41.1%	38.3%	37.9%	54.5%	25.0%	26.4%	59.7%
	Non-Māori	359	49.6%	38.1%	44.9%	70.8%	53.4%	76.6%	47.9%	28.4%	30.9%	29.1%	59.8%	17.7%	21.7%	50.6%
	Māori	308	71.2%	61.6%	67.5%	83.6%	68.1%	83.9%	50.2%	55.9%	46.9%	48.2%	48.2%	33.4%	31.8%	70.4%
D - Electricity, Gas and Water Supply	Total	38	50.0%	42.1%	39.5%	65.8%	44.7%	81.6%	45.9%	42.1%	42.1%	13.2%	81.6%	21.1%	55.3%	34.2%
	Non-Māori	20	40.0%	35.0%	25.0%	60.0%	40.0%	80.0%	52.6%	35.0%	40.0%	5.0%	85.0%	5.0%	50.0%	25.0%
	Māori	18	61.1%	50.0%	55.6%	72.2%	50.0%	83.3%	38.9%	50.0%	44.4%	22.2%	77.8%	38.9%	61.1%	44.4%
E - Construction	Total	367	72.8%	59.1%	66.9%	77.9%	56.0%	80.1%	45.8%	54.2%	56.0%	23.8%	42.7%	41.9%	70.6%	66.9%
	Non-Māori	189	68.8%	49.7%	55.6%	68.3%	49.2%	77.8%	46.8%	40.4%	40.6%	19.0%	43.4%	30.7%	61.7%	59.8%
	Māori	178	77.0%	69.1%	79.1%	88.1%	63.3%	82.5%	44.6%	68.9%	72.3%	29.0%	42.0%	54.0%	80.1%	74.6%
F - Wholesale Trade	Total	156	59.6%	42.9%	53.8%	75.5%	55.5%	80.8%	50.0%	36.8%	29.0%	32.1%	76.9%	10.3%	27.5%	30.8%
	Non-Māori	107	60.7%	39.3%	45.8%	71.7%	50.9%	80.4%	46.7%	29.2%	19.8%	27.1%	76.6%	6.6%	21.2%	24.3%
	Māori	49	57.1%	51.0%	71.4%	83.7%	65.3%	81.6%	57.1%	53.1%	49.0%	42.9%	77.6%	18.4%	40.8%	44.9%
G - Retail Trade	Total	441	65.2%	46.1%	61.7%	81.1%	63.9%	70.0%	48.4%	33.9%	35.0%	47.0%	37.9%	11.4%	20.9%	32.2%
	Non-Māori	247	61.0%	42.9%	55.1%	76.0%	60.2%	63.6%	45.1%	31.2%	25.2%	45.1%	40.9%	8.5%	16.6%	25.5%
	Māori	194	70.6%	50.3%	70.1%	87.6%	68.6%	78.2%	52.6%	37.3%	47.4%	49.5%	34.0%	14.9%	26.3%	40.7%
H - Accommodation, Cafes and Restaurants	Total	179	67.4%	44.6%	60.9%	86.5%	73.2%	70.4%	41.9%	18.6%	50.3%	45.3%	24.6%	11.2%	17.9%	34.1%
	Non-Māori	85	69.4%	38.8%	51.8%	85.9%	70.6%	67.1%	41.2%	14.5%	42.4%	47.1%	22.4%	11.8%	14.1%	28.2%
	Māori	94	65.6%	50.0%	69.1%	87.1%	75.5%	73.4%	42.6%	22.3%	57.4%	43.6%	26.6%	10.6%	21.3%	39.4%

		Physical factors (≥25% of the time)														
		N	Awkward or tiring positions	Awkward grip or hand movements	Lifting	Repetitive Tasks	Working at very high speed	Working to tight deadlines	Boring work	Working in a cold/damp environment	Working in a hot/warm environment	Standing	Sitting	Tools that vibrate	Working outside	Loud noise
ANZSIC 1-DIGIT INDUSTRY CODE*	Ethnicity															
I - Transport and Storage	Total	220	61.2%	42.9%	41.8%	71.4%	51.8%	76.4%	46.4%	47.7%	44.7%	25.0%	88.1%	18.3%	52.1%	49.5%
	Non-Māori	95	51.1%	36.2%	32.6%	67.4%	49.5%	71.6%	51.6%	33.0%	34.4%	28.4%	88.3%	14.7%	37.2%	43.2%
	Māori	125	68.8%	48.0%	48.8%	74.4%	53.6%	80.0%	42.4%	58.9%	52.4%	22.4%	88.0%	21.0%	63.2%	54.4%
J - Communication Services	Total	100	58.0%	45.0%	50.0%	78.0%	64.0%	75.0%	53.0%	37.4%	42.4%	30.0%	86.0%	9.1%	35.0%	33.0%
	Non-Māori	44	52.3%	34.1%	38.6%	75.0%	54.5%	68.2%	59.1%	25.6%	30.2%	29.5%	84.1%	7.0%	25.0%	25.0%
	Māori	56	62.5%	53.6%	58.9%	80.4%	71.4%	80.4%	48.2%	46.4%	51.8%	30.4%	87.5%	10.7%	42.9%	39.3%
K - Finance and Insurance	Total	160	37.5%	31.3%	13.1%	70.4%	57.2%	84.4%	41.5%	13.8%	22.5%	20.0%	90.0%	0.0%	5.0%	10.6%
	Non-Māori	109	39.4%	33.0%	13.8%	66.7%	54.6%	81.7%	41.3%	13.8%	21.1%	20.2%	89.9%	0.0%	6.4%	10.1%
	Māori	51	33.3%	27.5%	11.8%	78.4%	62.7%	90.2%	42.0%	14.0%	25.5%	19.6%	90.2%	0.0%	2.0%	11.8%
L - Property and Business Services	Total	482	48.8%	36.9%	24.7%	64.0%	48.1%	78.7%	45.3%	16.1%	21.9%	20.0%	83.4%	7.5%	24.4%	16.2%
	Non-Māori	312	44.1%	34.4%	20.5%	63.3%	45.6%	77.2%	43.2%	11.0%	15.4%	16.0%	86.9%	4.2%	18.3%	9.9%
	Māori	170	57.4%	41.4%	32.5%	65.1%	52.7%	81.4%	49.1%	25.6%	34.1%	27.2%	76.9%	13.7%	35.5%	27.8%
M - Government Administration and Defence	Total	324	56.0%	37.9%	26.7%	74.5%	53.3%	81.2%	41.5%	23.2%	29.0%	17.1%	86.1%	8.7%	34.1%	21.1%
	Non-Māori	154	48.1%	29.2%	17.5%	67.3%	46.4%	77.9%	36.4%	13.0%	20.1%	11.8%	88.3%	4.6%	23.4%	14.4%
	Māori	170	63.3%	45.8%	35.1%	81.1%	59.5%	84.1%	46.2%	32.5%	37.1%	21.9%	84.1%	12.4%	43.8%	27.1%
N - Education	Total	586	54.8%	25.3%	36.9%	58.9%	41.5%	75.5%	29.3%	20.0%	28.6%	27.0%	74.8%	7.2%	39.5%	28.7%
	Non-Māori	296	51.0%	22.7%	30.4%	49.2%	44.3%	73.8%	29.6%	16.6%	23.5%	29.4%	74.1%	5.4%	29.0%	24.3%
	Māori	290	58.6%	28.0%	43.6%	68.9%	38.6%	77.2%	28.9%	23.4%	33.8%	24.6%	75.5%	9.0%	50.2%	33.2%
O - Health and Community Services	Total	639	61.3%	40.3%	41.6%	68.9%	51.7%	71.3%	31.9%	15.8%	30.6%	25.2%	65.8%	6.8%	23.5%	22.4%
	Non-Māori	319	59.9%	37.4%	33.3%	62.5%	49.1%	70.0%	33.4%	11.0%	22.8%	27.0%	64.2%	4.7%	14.2%	19.2%
	Māori	320	62.7%	43.2%	49.8%	75.2%	54.4%	72.6%	30.3%	20.5%	38.5%	23.4%	67.4%	8.9%	32.8%	25.6%
P - Cultural and Recreational Services	Total	139	65.5%	44.6%	37.4%	74.8%	57.6%	76.3%	37.4%	33.8%	33.1%	38.1%	69.8%	6.5%	27.3%	26.6%
	Non-Māori	77	62.3%	36.4%	32.5%	68.8%	53.2%	70.1%	33.8%	27.3%	23.4%	36.4%	66.2%	2.6%	20.8%	18.2%
	Māori	62	69.4%	54.8%	43.5%	82.3%	62.9%	83.9%	41.9%	41.9%	45.2%	40.3%	74.2%	11.5%	35.5%	37.1%
Q - Personal and other services	Total	219	61.3%	44.4%	42.0%	77.6%	54.8%	70.8%	37.4%	26.6%	40.1%	27.5%	64.8%	20.5%	45.9%	34.7%
	Non-Māori	107	55.1%	40.0%	39.3%	76.6%	52.3%	71.0%	36.4%	19.8%	27.4%	34.0%	65.4%	21.5%	41.1%	29.9%
	Māori	112	67.3%	48.6%	44.6%	78.6%	57.1%	70.5%	38.4%	33.0%	52.3%	21.4%	64.3%	19.6%	50.5%	39.3%
*41 participants were missing information or could not be allocated an industry																

ANZSIC 1-DIGIT INDUSTRY CODE*	Ethnicity	N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
A - Agriculture, Forestry and Fishing	Total	328	8.9%	35.8%	5.5%	10.1%	0.9%	49.5%	8.6%	82.9%	26.9%	46.5%	29.4%	17.4%	8.9%	1.5%	43.4%	35.5%	24.2%
	Non-Māori	181	2.8%	39.2%	3.9%	8.3%	0.6%	68.5%	0.6%	87.3%	28.7%	44.2%	35.9%	16.6%	10.5%	1.7%	48.1%	41.4%	17.1%
	Māori	147	16.4%	31.5%	7.5%	12.3%	1.4%	26.0%	18.5%	77.6%	24.7%	49.3%	21.2%	18.5%	6.8%	1.4%	37.7%	28.1%	32.9%
B - Mining	Total	18	0.0%	27.8%	16.7%	44.4%	0.0%	27.8%	11.1%	83.3%	66.7%	66.7%	27.8%	33.3%	22.2%	0.0%	27.8%	22.2%	66.7%
	Non-Māori	10	0.0%	30.0%	10.0%	50.0%	0.0%	40.0%	0.0%	90.0%	60.0%	70.0%	50.0%	20.0%	10.0%	0.0%	20.0%	20.0%	90.0%
	Māori	8	0.0%	25.0%	25.0%	37.5%	0.0%	12.5%	25.0%	75.0%	75.0%	62.5%	0.0%	50.0%	37.5%	0.0%	37.5%	25.0%	37.5%
C - Manufacturing	Total	667	3.5%	48.2%	27.6%	37.8%	7.2%	3.6%	13.3%	71.1%	36.1%	45.3%	30.9%	19.6%	9.2%	1.1%	37.5%	36.6%	21.7%
	Non-Māori	359	3.1%	52.9%	28.4%	34.3%	5.8%	4.2%	7.8%	65.5%	37.0%	40.4%	34.0%	19.8%	9.7%	1.1%	34.5%	37.6%	12.0%
	Māori	308	3.9%	42.6%	26.6%	42.0%	8.9%	3.0%	19.7%	77.7%	35.1%	51.1%	27.2%	19.3%	8.5%	1.0%	41.0%	35.4%	33.1%
D - Electricity, Gas and Water Supply	Total	38	2.6%	34.2%	18.4%	55.3%	5.3%	18.4%	13.2%	65.8%	39.5%	57.9%	34.2%	15.8%	10.5%	5.3%	34.2%	23.7%	36.8%
	Non-Māori	20	0.0%	50.0%	20.0%	50.0%	5.0%	25.0%	0.0%	70.0%	40.0%	65.0%	55.0%	15.0%	15.0%	10.0%	30.0%	25.0%	30.0%
	Māori	18	5.6%	16.7%	16.7%	61.1%	5.6%	11.1%	27.8%	61.1%	38.9%	50.0%	11.1%	16.7%	5.6%	0.0%	38.9%	22.2%	44.4%
E - Construction	Total	367	7.7%	52.7%	7.1%	17.8%	2.5%	27.0%	14.5%	82.3%	49.9%	51.0%	24.0%	45.5%	15.0%	2.7%	32.4%	51.0%	27.5%
	Non-Māori	189	3.2%	58.7%	8.5%	18.5%	2.6%	33.3%	4.2%	83.1%	49.2%	50.3%	36.5%	44.4%	15.9%	2.1%	30.7%	56.6%	27.5%
	Māori	178	12.4%	46.3%	5.6%	16.9%	2.3%	20.3%	25.4%	81.5%	50.6%	51.7%	10.7%	46.6%	14.0%	3.4%	34.3%	44.9%	27.5%
F - Wholesale Trade	Total	156	1.9%	57.1%	9.0%	45.5%	1.9%	5.8%	5.8%	42.9%	16.7%	30.1%	16.0%	5.8%	2.6%	0.6%	17.3%	14.1%	12.8%
	Non-Māori	107	2.8%	58.9%	7.5%	43.9%	1.9%	6.5%	1.9%	41.1%	13.1%	27.1%	16.8%	6.5%	1.9%	0.0%	17.8%	14.0%	8.4%
	Māori	49	0.0%	53.1%	12.2%	49.0%	2.0%	4.1%	14.3%	46.9%	24.5%	36.7%	14.3%	4.1%	4.1%	2.0%	16.3%	14.3%	22.4%
G - Retail Trade	Total	441	2.5%	54.3%	14.1%	49.8%	4.3%	2.7%	6.1%	43.3%	15.6%	22.2%	18.1%	7.0%	1.8%	0.7%	25.2%	9.5%	6.8%
	Non-Māori	247	1.6%	59.1%	16.2%	45.7%	1.6%	3.2%	2.8%	40.1%	17.0%	17.8%	19.4%	7.3%	1.2%	0.4%	25.9%	10.1%	3.2%
	Māori	194	3.6%	48.2%	11.4%	54.9%	7.8%	2.1%	10.4%	47.4%	13.9%	27.8%	16.5%	6.7%	2.6%	1.0%	24.2%	8.8%	11.3%
H - Accommodation, Cafes and Restaurants	Total	179	2.2%	74.3%	34.1%	31.3%	12.8%	2.8%	6.7%	53.9%	3.9%	14.0%	29.8%	3.9%	2.8%	0.0%	36.5%	1.1%	3.9%
	Non-Māori	85	1.2%	70.6%	41.2%	25.9%	3.5%	4.7%	2.4%	55.3%	4.7%	14.1%	37.6%	3.5%	3.5%	0.0%	36.5%	1.2%	2.4%
	Māori	94	3.2%	77.7%	27.7%	36.2%	21.3%	1.1%	10.6%	52.7%	3.2%	14.0%	22.6%	4.3%	2.2%	0.0%	36.6%	1.1%	5.4%

ANZSIC 1-DIGIT INDUSTRY CODE*	Ethnicity	N	Ventilation							Personal Protective Equipment									
			No ventilation	Open doors and windows	Ventilation fan ducted to outside	Air conditioning	Fume hood with fan and air filters	Outside	Other	Use of PPE	Goggles	Footwear	Apron	Simple Dust Mask	Filter Cartridge Respirator	Air Supplied Respirator or SCBA	Rubber or Plastic Gloves	Hearing protection	Other
I - Transport and Storage	Total	220	1.8%	51.8%	6.8%	53.2%	2.7%	9.1%	10.5%	53.6%	17.7%	38.6%	19.5%	8.2%	3.2%	0.5%	22.3%	18.2%	19.1%
	Non-Māori	95	0.0%	53.7%	9.5%	48.4%	3.2%	10.5%	5.3%	52.6%	20.0%	34.7%	31.6%	8.4%	5.3%	1.1%	24.2%	24.2%	8.4%
	Māori	125	3.2%	50.4%	4.8%	56.8%	2.4%	8.0%	14.4%	54.4%	16.0%	41.6%	10.4%	8.0%	1.6%	0.0%	20.8%	13.6%	27.2%
J - Communication Services	Total	100	4.0%	51.0%	3.0%	65.0%	0.0%	7.0%	7.0%	36.0%	5.0%	16.0%	14.0%	1.0%	0.0%	0.0%	6.0%	3.0%	20.0%
	Non-Māori	44	2.3%	34.1%	0.0%	68.2%	0.0%	6.8%	2.3%	27.3%	4.5%	6.8%	15.9%	0.0%	0.0%	0.0%	6.8%	2.3%	11.4%
	Māori	56	5.4%	64.3%	5.4%	62.5%	0.0%	7.1%	10.7%	42.9%	5.4%	23.2%	12.5%	1.8%	0.0%	0.0%	5.4%	3.6%	26.8%
K - Finance and Insurance	Total	160	0.0%	19.4%	1.3%	90.6%	0.6%	0.0%	3.1%	5.0%	0.6%	2.5%	1.9%	0.0%	0.0%	0.0%	1.3%	1.3%	2.5%
	Non-Māori	109	0.0%	20.2%	0.9%	88.1%	0.9%	0.0%	2.8%	4.6%	0.0%	1.8%	1.8%	0.0%	0.0%	0.0%	0.9%	1.8%	1.8%
	Māori	51	0.0%	17.6%	2.0%	96.1%	0.0%	0.0%	3.9%	6.0%	2.0%	4.0%	2.0%	0.0%	0.0%	0.0%	2.0%	0.0%	4.0%
L - Property and Business Services	Total	482	1.9%	50.7%	5.4%	53.8%	2.3%	5.2%	5.4%	25.8%	8.9%	10.4%	9.8%	5.8%	2.3%	0.4%	13.9%	6.9%	8.7%
	Non-Māori	312	1.6%	52.9%	3.8%	53.2%	2.2%	6.4%	3.2%	24.7%	9.3%	10.3%	12.5%	6.1%	1.3%	0.0%	12.8%	7.7%	8.3%
	Māori	170	2.4%	46.7%	8.3%	55.0%	2.4%	3.0%	9.5%	27.8%	8.3%	10.7%	4.7%	5.3%	4.1%	1.2%	16.0%	5.3%	9.5%
M - Government Administration and Defence	Total	324	1.9%	36.5%	4.0%	68.7%	0.6%	5.6%	5.3%	28.8%	11.8%	16.7%	11.5%	6.8%	2.8%	1.2%	13.3%	9.0%	13.0%
	Non-Māori	154	0.6%	34.4%	3.2%	74.0%	1.3%	9.1%	1.9%	28.6%	10.4%	14.9%	17.5%	7.1%	2.6%	1.3%	13.0%	8.4%	9.1%
	Māori	170	3.0%	38.5%	4.7%	63.9%	0.0%	2.4%	8.3%	29.0%	13.0%	18.3%	5.9%	6.5%	3.0%	1.2%	13.6%	9.5%	16.6%
N - Education	Total	586	0.5%	85.8%	8.4%	29.5%	2.7%	1.2%	6.7%	22.4%	6.0%	3.9%	7.0%	3.6%	0.2%	0.2%	15.9%	2.2%	2.6%
	Non-Māori	296	0.3%	87.5%	9.8%	18.6%	2.7%	1.7%	3.0%	19.6%	7.1%	2.7%	7.1%	3.7%	0.3%	0.3%	14.9%	2.0%	0.7%
	Māori	290	0.7%	84.1%	6.9%	40.7%	2.8%	0.7%	10.3%	25.2%	4.8%	5.2%	6.9%	3.4%	0.0%	0.0%	16.9%	2.4%	4.5%
O - Health and Community Services	Total	639	1.4%	67.4%	8.3%	45.5%	2.7%	1.1%	7.5%	54.9%	9.9%	10.9%	28.3%	17.0%	0.8%	0.3%	48.7%	1.1%	8.5%
	Non-Māori	319	0.9%	66.8%	8.8%	40.4%	1.9%	1.3%	3.8%	58.8%	14.2%	11.0%	32.4%	21.4%	0.9%	0.3%	54.1%	1.3%	4.4%
	Māori	320	1.9%	68.0%	7.8%	50.5%	3.4%	0.9%	11.3%	50.9%	5.7%	10.7%	24.3%	12.6%	0.6%	0.3%	43.2%	0.9%	12.6%
P - Cultural and Recreational Services	Total	139	1.4%	60.1%	11.6%	41.3%	2.2%	10.1%	6.5%	30.4%	10.1%	8.0%	5.1%	5.8%	2.9%	0.0%	13.8%	9.4%	13.0%
	Non-Māori	77	1.3%	57.1%	10.4%	39.0%	0.0%	11.7%	6.5%	27.3%	11.7%	6.5%	7.8%	7.8%	2.6%	0.0%	11.7%	7.8%	11.7%
	Māori	62	1.6%	63.9%	13.1%	44.3%	4.9%	8.2%	6.6%	34.4%	8.2%	9.8%	1.6%	3.3%	3.3%	0.0%	16.4%	11.5%	14.8%
Q - Personal and other services	Total	219	3.7%	57.8%	7.8%	36.7%	2.3%	11.9%	12.4%	45.4%	16.5%	20.2%	20.2%	7.8%	3.2%	5.0%	30.3%	13.3%	16.1%
	Non-Māori	107	1.9%	59.8%	6.5%	34.6%	0.0%	15.0%	2.8%	52.3%	18.7%	22.4%	30.8%	7.5%	5.6%	6.5%	38.3%	17.8%	12.1%
	Māori	112	5.4%	55.9%	9.0%	38.7%	4.5%	9.0%	21.6%	38.7%	14.4%	18.0%	9.9%	8.1%	0.9%	3.6%	22.5%	9.0%	19.8%
*41 participants were missing information or could not be allocated an industry																			

Lifestyle factors

The prevalences of smoking, body mass index (BMI), and SES (NZDep2006) are presented in Table 16A. The prevalence of smoking was higher for the Māori NZWS (particularly for females) and the average BMI and prevalence of obesity were higher. For both surveys, males had a higher prevalence of being overweight but the prevalence of obesity was similar between the genders. As noted previously, Māori were overrepresented in the most deprived groups (NZDep2006 groups 9 and 10).

TABLE 16A: PREVALENCE OF LIFESTYLE FACTORS BY SURVEY AND GENDER										
	Total		NZWS				Maori NZWS			
	N = 5110		N = 3003				N = 2107			
			Male		Female		Male		Female	
	n	%	n	%	n	%	n	%	n	%
Smoking										
Never	2259	44.3	706	49.4	810	51.7	364	38.4	379	32.8
Current	1129	22.2	259	18.1	287	18.3	228	24.1	355	30.7
Ex	1708	33.5	463	32.4	469	30.0	355	37.5	421	36.5
<i>Missing</i>	14		3		6		3		2	
Body Mass Index										
Mean	27.6		26.9		25.9		30.0		28.9	
SD	5.8		4.3		5.7		5.8		6.7	
Range	14.5-95.7		17.5-62.8		14.5-95.7		15.1-68.8		14.8-60.1	
<i>Missing</i>	275		25		88		33		129	
BMI group										
Underweight (<18.5)	62	1.3	4	0.3	31	2.1	6	0.7	21	2.0
Normal Weight (18.5 - 24.99)	1677	34.7	487	34.6	730	49.2	152	16.6	308	30.0
Overweight (25 - 29.99)	1717	35.5	641	45.6	442	29.8	356	38.8	278	27.0
Obese (>=30)	1379	28.5	274	19.5	281	18.9	403	44.0	421	41.0
<i>Missing</i>	275		25		88		33		129	
Deprivation Index 2006										
1–2 (least deprived)	1079	21.1	410	28.7	383	24.4	144	15.2	142	12.3
3–4	970	19.0	320	22.4	336	21.4	151	15.9	163	14.1
5–6	1029	20.2	295	20.6	364	23.2	164	17.3	206	17.9
7–8	1013	19.9	235	16.4	292	18.6	222	23.4	264	22.9
9–10 (most deprived)	1012	19.8	171	12.0	196	12.5	267	28.2	378	32.8
<i>Missing</i>	7				1		2		4	

The prevalences of smoking, BMI, and SES (NZDep2006) by 1-digit occupational group are presented in Table 17A. For both surveys, the highest prevalence for current smoking was in the plant and machine operators and assemblers (NZWS: 27%; Māori NZWS: 36%) and elementary occupational groups (NZWS: 31%; Māori NZWS: 43%). There was also a higher prevalence of obesity in the plant and machine operators and assemblers (NZWS: 32%; Māori NZWS: 51%) and the elementary occupational group (NZWS: 29%; Māori NZWS: 50%). It is important to note that these occupational groups were also more likely to be in the most deprived SES group.

Table 17A: Prevalence of lifestyle factors by 1-digit occupation and survey

	NZSCO 1-DIGIT OCCUPATIONAL CODE																			
	1 - Legislators, administrators and managers		2 - Professionals		3 - Technicians and Associate		4 - Clerks		5 - Services and sale workers		6 - Agricultural and fishery		7 - Trade workers		8 - Plant and machine operators and		9 - Elementary occupations		Total*	
	n	%	n	%	n	%	n	%	n	%	n	n	%	%	n	%	n	%	n	%
Smoking																				
Never	334	48.3	541	56.3	348	45.5	251	44.5	269	40.0	134	43.8	157	39.9	135	29.3	83	31.8	2252	44.4
NZWS	248	54.5	368	58.9	238	51.9	170	48.4	173	47.9	92	49.5	111	43.7	71	38.4	44	37.6	1515	50.6
Māori NZWS	86	36.4	173	51.5	110	36.0	81	38.0	96	30.9	42	35.0	46	32.9	64	23.2	39	27.1	737	35.4
Current	120	17.4	125	13.0	157	20.5	121	21.5	187	27.8	72	23.5	91	23.1	149	32.3	98	37.6	1120	22.1
NZWS	65	14.3	72	11.5	80	17.4	66	18.8	87	24.1	37	19.9	54	21.3	49	26.5	36	30.8	546	18.2
Māori NZWS	55	23.3	53	15.8	77	25.2	55	25.8	100	32.2	35	29.2	37	26.4	100	36.2	62	43.1	574	27.6
Ex	237	34.3	295	30.7	260	34.0	192	34.0	216	32.1	100	32.7	146	37.1	177	38.4	80	30.7	1703	33.6
NZWS	142	31.2	185	29.6	141	30.7	115	32.8	101	28.0	57	30.7	89	35.0	65	35.1	37	31.6	932	31.1
Māori NZWS	95	40.3	110	32.7	119	38.9	77	36.2	115	37.0	43	35.8	57	40.7	112	40.6	43	29.9	771	37.0
Missing	2		4		2		1		3		0		1		1		0		14	
Deprivation index 2006																				
1 – 2 (least deprived)	183	26.4	260	27.0	189	24.7	115	20.4	118	17.5	56	18.4	78	19.8	60	13.0	20	7.7	1079	21.2
NZWS	136	29.8	190	30.3	135	29.3	85	24.2	86	23.7	49	26.5	56	22.1	39	21.0	17	14.5	793	26.4
Māori NZWS	47	19.8	70	20.8	54	17.8	30	14.1	32	10.3	7	5.9	22	15.6	21	7.6	3	2.1	286	13.7
3 – 4	160	23.1	217	22.5	134	17.5	110	19.5	108	16.0	75	24.7	77	19.5	56	12.1	30	11.5	967	19.0
NZWS	116	25.4	161	25.7	88	19.1	75	21.3	68	18.7	52	28.1	53	20.9	28	15.1	15	12.8	656	21.9
Māori NZWS	44	18.6	56	16.6	46	15.1	35	16.4	40	12.9	23	19.3	24	17.0	28	10.1	15	10.5	311	14.9
5 – 6	142	20.5	187	19.4	151	19.7	131	23.2	133	19.7	71	23.4	77	19.5	84	18.2	52	20.0	1028	20.2
NZWS	98	21.5	126	20.1	95	20.6	92	26.1	80	22.0	52	28.1	52	20.5	39	21.0	24	20.5	658	21.9
Māori NZWS	44	18.6	61	18.1	56	18.4	39	18.3	53	17.0	19	16.0	25	17.7	45	16.3	28	19.6	370	17.8
7 – 8	119	17.2	169	17.5	154	20.1	107	18.9	141	20.9	54	17.8	83	21.0	124	26.8	59	22.7	1010	19.9
NZWS	67	14.7	94	15.0	87	18.9	65	18.5	66	18.2	21	11.4	58	22.8	42	22.6	27	23.1	527	17.6
Māori NZWS	52	21.9	75	22.3	67	22.0	42	19.7	75	24.1	33	27.7	25	17.7	82	29.7	32	22.4	483	23.2
9 – 10 (most deprived)	89	12.8	131	13.6	137	17.9	102	18.1	174	25.8	48	15.8	80	20.3	138	29.9	99	38.1	998	19.6
NZWS	39	8.6	56	8.9	56	12.2	35	9.9	63	17.4	11	6.0	35	13.8	38	20.4	34	29.1	367	12.2
Māori NZWS	50	21.1	75	22.3	81	26.6	67	31.5	111	35.7	37	31.1	45	31.9	100	36.2	65	45.5	631	30.3
Missing			1		2				1		2						1		7	

NZSCO 1-DIGIT OCCUPATIONAL CODE																					
		1 - Legislators, administrators and managers		2 - Professionals		3 - Technicians and Associate		4 - Clerks		5 - Services and sale workers		6 - Agricultural and fishery		7 - Trade workers		8 - Plant and machine operators and		9 - Elementary occupations		Total*	
		n	%	n	%	n	%	n	%	n	%	n	n	%	%	n	%	n	%	n	%
Body Mass Index																					
NZWS																					
Mean		26.8		26.0		25.9		26.5		26.1		26.1		26.5		28.3		27.2		26.4	
SD		4.7		5.5		5.0		5.0		5.7		4.5		3.9		5.0		6.1		5.1	
Range		16.9-58.5		17.0-95.7		16.3-44.6		16.1-53.4		14.5-69.3		18.0-60.5		19.2-43.3		17.0-48.3		18.1-62.8		14.5-95.7	
	<i>Missing</i>	15		25		11		19		23		6		4		5		5		113	
Māori NZWS																					
Mean		28.6		28.9		29.1		29.3		29.7		29.3		28.4		31.0		30.5		29.4	
SD		6.0		6.3		6.2		6.6		6.6		5.5		4.4		6.8		6.9		6.4	
Range		17.4-58.0		17.6-56.2		16.3-58.1		17.0-68.8		14.8-56.9		15.1-47.4		17.9-40.6		18.1-64.4		17.9-60.1		14.8-68.8	
	<i>Missing</i>	9		23		25		19		35		9		8		19		13		160	
BMI group																					
Underweight (<18.5)		4	0.6	10	1.1	13	1.8	5	1.0	18	2.9	4	1.4	1	0.3	2	0.5	4	1.7	61	1.3
	NZWS	2	0.5	6	1.0	9	2.0	3	0.9	9	2.7	2	1.1	0	0.0	1	0.6	3	2.7	35	1.2
	Māori NZWS	2	0.9	4	1.3	4	1.4	2	1.0	9	3.3	2	1.8	1	0.8	1	0.4	1	0.8	26	1.4
Normal Weight (18.5-24.9)		222	33.2	385	42.0	276	37.8	190	36.1	223	36.1	94	32.3	129	33.7	85	19.4	68	28.0	1672	34.7
	NZWS	161	36.5	299	49.7	208	46.2	134	40.2	162	47.7	72	40.0	95	38.0	43	23.8	43	38.4	1217	42.1
	Māori NZWS	61	26.8	86	27.3	68	24.2	56	28.9	61	22.0	22	19.8	34	25.6	42	16.3	25	19.1	455	23.6
Overweight (25 - 29.9)		277	41.4	300	32.7	254	34.8	178	33.8	178	28.9	122	41.9	167	43.6	161	36.8	74	30.5	1711	35.5
	NZWS	193	43.8	199	33.1	154	34.2	126	37.8	104	30.6	79	43.9	114	45.6	79	43.7	34	30.4	1082	37.5
	Māori NZWS	84	36.8	101	32.1	100	35.6	52	26.8	74	26.7	43	38.7	53	39.9	82	31.9	40	30.5	629	32.6
Obese (>=30)		166	24.8	222	24.2	188	25.7	154	29.2	198	32.1	71	24.4	86	22.5	190	43.4	97	39.9	1372	28.5
	NZWS	85	19.3	98	16.3	79	17.6	70	21.0	65	19.1	27	15.0	41	16.4	58	32.0	32	28.6	555	19.2
	Māori NZWS	81	35.5	124	39.4	109	38.8	84	43.3	133	48.0	44	39.6	45	33.8	132	51.4	65	49.6	817	42.4
	<i>Missing</i>	24		48		36		38		58		15		12		24		18		273	
*21 participants could not be assigned occupational groups and were therefore excluded from this table.																					

The prevalences of smoking, BMI, and SES (NZDep2006) by 1-digit industry group are presented in Table 18A. For the NZWS, the highest prevalence of current smoking was for the transport and storage industry (24%) and in the Māori NZWS, the accommodation, cafes and restaurants industry (43%). The industries with the highest prevalence of obesity (excluding the small mining industry) were the communication services (35%) for the NZWS and the transport and storage industry (53%) for the Māori NZWS.

Table 18A: Prevalence of lifestyle factors by 1-digit industry and survey

	ANZSIC 1-DIGIT INDUSTRY CODE																	
	A - Agriculture, Forestry and Fishing		B - Mining		C - Manufacturing		D - Electricity, Gas and Water Supply		E - Construction		F - Wholesale Trade		G - Retail Trade		H - Accommodation, Cafes and Restaurants		I - Transport and Storage	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Smoking																		
Never	141	42.9	5	27.8	262	39.2	9	23.7	140	37.8	73	46.8	180	41.2	67	37.6	87	39.6
NZWS	98	49.5	4	40.0	185	46.4	5	23.8	89	42.6	57	50.9	123	46.8	49	51.6	48	44.0
Māori NZWS	43	32.8	1	12.5	77	28.6	4	23.5	51	31.7	16	36.4	57	32.8	18	21.7	39	35.1
Current	77	23.4	7	38.9	177	26.5	8	21.1	89	24.1	36	23.1	124	28.4	57	32.0	54	24.6
NZWS	39	19.7	2	20.0	82	20.6	5	23.8	46	22.0	23	20.5	61	23.2	21	22.1	26	23.9
Māori NZWS	38	29.0	5	62.5	95	35.3	3	17.7	43	26.7	13	29.6	63	36.2	36	43.4	28	25.2
Ex	111	33.7	6	33.3	229	34.3	21	55.3	141	38.1	47	30.1	133	30.4	54	30.3	79	35.9
NZWS	61	30.8	4	40.0	132	33.1	11	52.4	74	35.4	32	28.6	79	30.0	25	26.3	35	32.1
Māori NZWS	50	38.2	2	25.0	97	36.1	10	58.8	67	41.6	15	34.1	54	31.0	29	34.9	44	39.6
Missing					1								4		1			
Body Mass Index																		
NZWS																		
Mean	26.6		28.8		26.6		25.4		26.8		26.8		26.3		26.0		27.6	
SD	4.7		7.5		4.6		3.8		4.1		4.2		5.0		5.1		5.5	
Range	18.1-60.5		19.3-42.5		17.0-45.2		17.5-32.0		18.9-43.3		16.7-38.0		17.4-58.3		17.9-42.0		19.1-62.8	
Missing	7		1		17				7		2		13		4		2	
Māori NZWS																		
Mean	30.6		30.8		29.6		29.2		29.1		29.0		28.8		28.9		31.6	
SD	6.9		5.8		6.3		4.0		4.6		7.6		5.7		6.4		7.4	
Range	15.1-64.4		21.9-38.3		17.0-53.7		22.1-37.3		18.6-40.2		19.6-58.0		17.4-50.8		18.2-52.3		14.8-68.8	
Missing	10				15		2		10		2		21		7		4	
BMI group																		
Underweight (>18.5)	3	1.0	0	0.0	5	0.8	1	2.8	0	0	2	1.3	10	2.5	3	1.8	1	0.5
NZWS	1	0.5	0	0.0	2	0.5	1	4.8	0	0	2	1.8	6	2.4	2	2.2	0	0.0
Māori NZWS	2	1.7	0	0.0	3	1.2	0	0.0	0	0	0	0.0	4	2.6	1	1.3	1	0.9
Normal Weight (18.5 - 24.9)	93	29.8	4	23.5	197	30.9	9	25.0	107	30.3	48	31.6	148	36.4	67	39.9	53	24.8
NZWS	74	38.7	3	33.3	143	37.3	7	33.3	78	38.6	35	31.8	109	43.3	48	52.2	34	31.8
Māori NZWS	19	15.7	1	12.5	54	21.3	2	13.3	29	19.2	13	31.0	39	25.2	19	25.0	19	17.8
Overweight (25 - 29.99)	122	39.1	4	23.5	263	41.3	17	47.2	145	41.1	62	40.8	143	35.1	47	28.0	72	33.6
NZWS	77	40.3	2	22.2	170	44.4	10	47.6	86	42.6	48	43.6	91	36.1	23	25.0	42	39.3
Māori NZWS	45	37.2	2	25.0	93	36.6	7	46.7	59	39.1	14	33.3	52	33.6	24	31.6	30	28.0
Obese (≥30)	94	30.1	9	52.9	172	27.0	9	25.0	101	28.6	40	26.3	106	26.0	51	30.4	88	41.4
NZWS	39	20.4	4	44.4	68	17.8	3	14.3	38	18.8	25	22.7	46	18.3	19	20.7	31	29.0
Māori NZWS	55	45.5	5	62.5	104	40.9	6	40.0	63	41.7	15	35.7	60	38.7	32	42.1	57	53.3
Missing	17		1		32		2		17		4		34		11		6	222

*41 participants did not provide enough information for industry allocation

ANZSIC 1-DIGIT INDUSTRY CODE																		
	J - Communicati on Services		K - Finance and Insurance		L - Property and Business Services		M - Government Administratio n and Defence		N - Education		O - Health and Community Services		P - Cultural and Recreational Services		Q - Personal and other services		TOTAL*	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Smoking																		
Never	35	35.0	79	49.7	253	52.6	152	46.9	300	51.5	293	46.0	68	48.9	98	45.0	2242	44.4
NZWS	23	46.9	63	53.9	186	55.2	95	52.8	194	58.6	185	53.0	44	49.4	60	53.1	1508	50.6
Māori NZWS	12	23.5	16	38.1	67	46.5	57	39.6	106	42.1	108	37.5	24	48.0	38	36.2	734	25.4
Current	28	28.0	29	18.2	73	15.2	65	20.1	95	16.3	133	20.9	23	16.6	42	19.3	1117	22.1
NZWS	11	22.5	19	16.2	42	12.5	28	15.6	45	13.6	63	18.1	15	16.9	16	14.2	544	18.3
Māori NZWS	17	33.3	10	23.8	31	21.5	37	25.7	50	19.8	70	24.3	8	16.0	26	24.8	573	27.6
Ex	37	37.0	51	32.1	155	32.2	107	33.0	188	32.3	211	33.1	48	34.5	78	35.8	1696	33.6
NZWS	15	30.6	35	29.9	109	32.3	57	31.7	92	27.8	101	28.9	30	33.7	37	32.7	929	31.2
Māori NZWS	22	43.1	16	38.1	46	31.9	50	34.7	96	38.1	110	38.2	18	36.0	41	39.1	767	37.0
Missing			1		1				3		2				1		14	
Body Mass Index																		
NZWS																		
Mean	28.2		26.1		25.7		26.8		26.6		26.1		24.2		27.0		26.4	
SD	7.9		3.9		4.6		4.7		6.6		5.6		4.0		5.2		5.1	
Range	14.5-58.5		16.9-34.9		16.7-50.9		17.0-48.3		17.2-95.7		16.1-69.3		16.9-37.9		18.0-53.4		14.5-95.7	
Missing			2		10		7		24		13		2		2		113	
Māori NZWS																		
Mean	29.7		28.2		28.1		29.6		28.8		30.2		27.2		29.0		29.4	
SD	7.3		5.5		6.1		4.9		5.8		7.2		5.4		6.8		6.3	
Range	17.9-54.0		20.4-43.8		18.4-55.3		21.0-48.8		16.3-51.0		16.0-58.1		18.0-45.0		17.2-56.6		14.8-68.8	
Missing	3		1		8		9		26		28		6		8		160	
BMI group																		
Underweight (>18.5)	2	2.1	2	1.3	2	0.4	3	1.0	8	1.5	12	2.0	2	1.5	4	1.9	60	1.3
NZWS	1	2.0	2	1.7	1	0.3	3	1.7	3	1.0	8	2.4	1	1.2	1	0.9	34	1.2
Māori NZWS	1	2.1	0	0.0	1	0.7	0	0.0	5	2.2	4	1.5	1	2.3	3	3.1	26	1.4
Normal Weight (18.5 - 24.9)	33	34.0	55	35.0	210	45.3	83	27.0	199	37.1	222	37.1	69	52.7	68	32.5	1665	34.7
NZWS	17	34.7	40	34.5	163	49.7	64	37.0	146	47.4	159	47.0	52	59.8	41	36.9	1213	42.2
Māori NZWS	16	33.3	15	36.6	47	34.6	19	14.1	53	23.3	63	24.2	17	38.6	27	27.6	452	23.6
Overweight (25 - 29.99)	24	24.7	68	43.3	157	33.8	132	42.9	176	32.8	164	27.4	40	30.5	70	33.5	1706	35.6
NZWS	14	28.6	56	48.3	118	36.0	74	42.8	96	31.2	100	29.6	28	32.2	44	39.6	1079	37.5
Māori NZWS	10	20.8	12	29.3	39	28.7	58	43.0	80	35.1	64	24.6	12	27.3	26	26.5	627	32.7
Obese (≥30)	38	39.2	32	20.4	95	20.5	90	29.2	153	28.5	200	33.4	20	15.3	67	32.1	1365	28.5
NZWS	17	34.7	18	15.5	46	14.0	32	18.5	63	20.5	71	21.0	6	6.9	25	22.5	551	19.2
Māori NZWS	21	43.8	14	34.2	49	36.0	58	43.0	90	39.5	129	49.6	14	31.8	42	42.9	814	42.4
Missing	3		3		18		16		50		41		8		10		273	

*41 participants did not provide enough information for industry allocation

MODULE THREE: SPECIFIC EXPOSURES

This module examines the prevalence and distribution of specific exposures (e.g. wood dust) by gender and 1-digit occupational code.

Categories of specific occupational exposures (yes/no), for example acetone, caustic soda, timber treatment, were created using a word search programme developed in SAS (version 9.1). The programme was designed to search keywords (including alternative spelling and trade names) in the “name of substance” and “source of substance” free text fields (see questionnaire Part 2, Q10 in Appendix 1). For each newly created exposure category, the original text was checked to ensure that the new category captured all of the exposed participants. The exposures presented in this module are presented in Table 1B.

Table 1B: Specific occupational exposures available from the NZWS and Māori NZWS

Acids and alkalis	Cleaning products	Pesticides	Dusts	Solvents	Engine fuels and emissions	Machinery oils and fumes	Inks and dyes	Fibres	Paints and lacquers
Alkalis	Cleaning products	Fungicides	Agricultural dust	Solvents	Diesel engine emission	Machinery oils	Dyes	Fibreglass	Paints and lacquers
Acids	Bleach	Insecticides	Animal dust	Acetone	Diesel fuel	Machinery fumes	Printing	Insulation material	Paint thinner
Hydrochloric acid	Disinfectant	Herbicides	Grain dust	Adhesive	Engine emission	Hydraulic oil	Inks	Textile dust	
Sulphuric acid	Caustic soda	Fertiliser	Paper dust	Alcohol	Engine oil	Lubricant	Hair dyes	Asbestos	
	Chlorine	Animal drench	Construction dust	Degreasers	Kerosene	Cutting fluids			
		Timber treatment	Metal dust	Methylated spirits	Petrol fuel	Welding			
			Wood dust	Turpentine	Petrol fumes				
			Household dust	Formaldehyde	LPG				
			Road dust						
			Flour dust						

Table 2B presents the prevalence of specific exposures by gender. For example, 7% of NZWS participants and 5% of Maori NZWS participants reported exposure to wood dust in their current job, and this exposure was predominately for men. For the majority of exposures under study, there was a higher prevalence of specific exposures for males compared to females.

Table 2B: Prevalence of specific exposures by survey and gender

Exposure	NZWS						Māori NZWS						Total	
	Total		Male		Female		Total		Male		Female		Total	
	N=3003		N=1431		N=1572		N=2107		N=950		N=1157		N=5110	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Acids and alkalis														
Alkalis	100	3.3	61	4.3	39	2.5	70	3.3	48	5.1	22	1.9	170	3.3
Acids	194	6.5	150	10.5	44	2.8	114	5.4	83	8.7	31	2.7	308	6.0
Hydrochloric acid	30	1.0	25	1.8	5	0.3	11	0.5	8	0.8	3	0.3	41	0.8
Sulphuric acid	45	1.5	41	2.9	4	0.3	29	1.4	24	2.5	5	0.4	74	1.5
Cleaning products														
Cleaning products	397	13.2	197	13.8	200	12.7	263	12.5	110	11.6	153	13.2	660	12.9
Bleach	50	1.7	14	1.0	36	2.3	34	1.6	7	0.7	27	2.3	84	1.6
Disinfectant	127	4.2	43	3.0	84	5.3	63	3.0	15	1.6	48	4.2	190	3.7
Caustic soda	42	1.4	27	1.9	15	1.0	15	0.7	11	1.2	4	0.4	57	1.1
Chlorine products	111	3.7	49	3.4	62	3.9	67	3.2	27	2.8	40	3.5	178	3.5
Pesticides														
Fungicides	59	2.0	38	2.7	21	1.3	34	1.6	24	2.5	10	0.9	93	1.8
Insecticides	74	2.5	46	3.2	28	1.8	66	3.1	29	3.1	37	3.2	140	2.7
Herbicides	168	5.6	127	8.9	41	2.6	91	4.3	63	6.6	28	2.4	259	5.1
Fertiliser	28	0.9	21	1.5	7	0.5	10	0.5	7	0.7	3	0.3	38	0.7
Animal drench	29	1.0	22	1.5	7	0.5	5	0.2	5	0.5	0	0.0	34	0.7
Timber treatment	69	2.3	63	4.4	6	0.4	43	2.0	38	4.0	5	0.4	112	2.2
Dusts														
Agricultural dust	21	0.7	16	1.1	5	0.3	3	0.1	2	0.2	1	0.1	24	0.5
Animal dust	21	0.7	15	1.1	6	0.4	20	1.0	13	1.4	7	0.6	41	0.8
Grain dust	15	0.5	12	0.8	3	0.2	7	0.3	5	0.5	2	0.2	22	0.4
Paper dust	29	1.0	13	0.9	16	1.0	14	0.7	6	0.6	8	0.7	43	0.8
Construction dust	97	3.2	81	5.7	16	1.0	82	3.9	64	6.7	18	1.6	179	3.5
Metal dust	104	3.5	90	6.3	14	0.9	49	2.3	40	4.2	9	0.8	153	3.0
Wood dust	194	6.5	165	11.5	29	1.8	114	5.4	92	9.7	22	1.9	308	6.0
Household dust	120	4.0	32	2.2	88	5.6	129	6.1	37	3.9	92	8.0	249	4.9
Road dust	155	5.2	105	7.3	50	3.2	218	10.4	132	13.9	86	7.4	373	7.3
Flour dust	17	0.6	12	0.8	5	0.3	6	0.3	4	0.4	2	0.2	23	0.5

	NZWS						Māori NZWS						Total	
	Total		Male		Female		Total		Male		Female			
	N=3003		N=1431		N=1572		N=2107		N=950		N=1157		N=5110	
Exposure	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Solvents														
Solvent	357	11.9	226	15.8	131	8.3	141	6.7	88	9.3	53	4.6	498	9.8
Acetone	27	0.9	16	1.1	11	0.7	9	0.4	5	0.5	4	0.4	36	0.7
Adhesive	125	4.2	88	6.2	37	2.4	76	3.6	56	5.9	20	1.7	201	3.9
Alcohol	109	3.6	51	3.6	58	3.7	37	1.8	16	1.7	21	1.8	146	2.9
Degreasers	39	1.3	29	2.0	10	0.6	29	1.4	19	2.0	10	0.9	68	1.3
Methylated spirits	54	1.8	24	1.7	30	1.9	15	0.7	7	0.7	8	0.7	69	1.4
Turpentine	49	1.6	32	2.2	17	1.1	17	0.8	15	1.6	2	0.2	66	1.3
Formaldehyde	16	0.5	8	0.6	8	0.5	7	0.3	2	0.2	5	0.4	23	0.5
Engine fuels and emissions														
Diesel engine emission	70	2.3	58	4.1	12	0.8	48	2.3	41	4.3	7	0.6	118	2.3
Diesel fuel	47	1.6	44	3.1	3	0.2	34	1.6	31	3.3	3	0.3	81	1.6
Engine emission	176	5.9	124	8.7	52	3.3	180	8.5	117	12.3	63	5.5	356	7.0
Engine oil	108	3.6	97	6.8	11	0.7	71	3.4	59	6.2	12	1.0	179	3.5
Kerosene	17	0.6	16	1.1	1	0.1	4	0.2	4	0.4	0	0.0	21	0.4
Petrol fuel	28	0.9	25	1.8	3	0.2	35	1.7	30	3.2	5	0.4	63	1.2
Petrol fumes	28	0.9	22	1.5	6	0.4	21	1.0	9	1.0	12	1.0	49	1.0
LPG	39	1.3	33	2.3	6	0.4	29	1.4	19	2.0	10	0.9	68	1.3
Environmental Tobacco Smoke	36	1.2	9	0.6	27	1.7	33	1.6	8	0.8	25	2.2	69	1.4
Machinery oils and fumes														
Machinery oils	61	2.0	55	3.8	6	0.4	40	1.9	36	3.8	4	0.4	101	2.0
Machinery fumes	28	0.9	22	1.5	6	0.4	30	1.4	27	2.8	3	0.3	58	1.1
Hydraulic oil	30	1.0	29	2.0	1	0.1	15	0.7	15	1.6	0	0.0	45	0.9
Lubricants	76	2.5	60	4.2	16	1.0	46	2.2	37	3.9	9	0.8	122	2.4
Cutting fluids	20	0.7	18	1.3	2	0.1	8	0.4	7	0.7	1	0.1	28	0.6
Welding	91	3.0	88	6.2	3	0.2	34	1.6	31	3.3	3	0.3	125	2.5
Inks and dyes														
Dyes	23	0.8	16	1.1	7	0.5	23	1.1	14	1.5	9	0.8	46	0.9
Printing	18	0.6	16	1.1	2	0.1	7	0.3	4	0.4	3	0.3	25	0.5
Inks and dyes	32	1.1	20	1.4	12	0.8	22	1.0	10	1.1	12	1.0	54	1.1
Hair dye	11	0.4	0	0.0	11	0.7	6	0.3	0	0.0	6	0.5	17	0.3

	NZWS						Māori NZWS						Total	
	Total		Male		Female		Total		Male		Female			
	N=3003		N=1431		N=1572		N=2107		N=950		N=1157		N=5110	
Exposure	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Fibres														
Fibreglass	20	0.7	18	1.3	2	0.1	16	0.8	15	1.6	1	0.1	36	0.7
Insulation material	27	0.9	25	1.8	2	0.1	19	0.9	17	1.8	2	0.2	46	0.9
Textile dust	69	2.3	17	1.2	52	3.3	39	1.9	16	1.7	23	2.0	108	2.1
Asbestos	21	0.7	18	1.3	3	0.2	11	0.5	7	0.7	4	0.4	32	0.6
Paint and lacquers														
Paint and lacquers	127	4.2	96	6.7	31	2.0	59	2.8	41	4.3	18	1.6	186	3.6
Paint thinner	26	0.9	25	1.8	1	0.1	20	1.0	19	2.0	1	0.1	46	0.9

Table 3B shows the distribution of specific exposures by 1-digit occupational group. For example, a closer look at dust exposure for the legislators, administrators and managers group in the NZWS shows that the highest prevalence for the specific exposures under study was in fact for wood dust, followed by road and household dust whereas for the equivalent group in the Māori NZWS and for the other non-manual occupational groups in both surveys, the highest prevalences for the specific dust exposures was for household and road dust.

Table 3B: Prevalence of specific exposures by 1-digit occupation and survey

Exposure	Total		NZWS	Maori	1 - Legislators, administrators and managers			2 - Professionals			3 - Technicians and Associate professionals			4 - Clerks			5 - Services and sale workers		
	N	%	%	%	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N
	N=5089*		N=3002		N=2087														
Acids and alkalis																			
Alkalis	170	3.3%	3.3%	3.4%	1.7%	1.8%	1.7%	1.8%	2.1%	1.2%	3.0%	3.0%	2.9%	0.9%	0.3%	1.9%	4.4%	5.8%	2.9%
Acids	308	6.0%	6.5%	5.5%	2.7%	3.1%	2.1%	4.3%	5.3%	2.6%	4.0%	4.8%	2.9%	1.2%	1.4%	0.9%	3.6%	3.6%	3.5%
Hydrochloric acid	41	0.8%	1.0%	0.5%	0.6%	0.7%	0.4%	0.9%	1.3%	0.3%	1.2%	1.5%	0.6%	0.2%	0.3%	0.0%	0.1%	0.0%	0.3%
Sulphuric acid	74	1.5%	1.4%	1.4%	0.6%	0.9%	0.0%	1.0%	1.3%	0.6%	1.4%	1.5%	1.3%	0.2%	0.0%	0.5%	0.6%	0.8%	0.3%
Cleaning products																			
Cleaning products	657	12.9%	13.2%	12.5%	9.0%	7.9%	10.6%	7.7%	8.0%	7.4%	7.0%	7.4%	6.2%	6.6%	6.5%	6.6%	23.1%	25.3%	20.5%
Bleach	84	1.6%	1.7%	1.6%	0.6%	0.7%	0.4%	1.4%	1.8%	0.9%	1.2%	0.7%	1.9%	0.4%	0.3%	0.5%	4.4%	4.7%	4.2%
Disinfectant	190	3.7%	4.2%	3.0%	0.7%	0.9%	0.4%	5.2%	6.4%	2.9%	4.8%	4.3%	5.4%	1.2%	1.7%	0.5%	7.0%	7.7%	6.1%
Caustic soda	57	1.1%	1.4%	0.7%	1.3%	1.8%	0.4%	0.1%	0.2%	0.0%	1.2%	1.1%	1.3%	0.2%	0.0%	0.5%	2.1%	3.6%	0.3%
Chlorine products	178	3.5%	3.7%	3.2%	2.0%	2.2%	1.7%	3.4%	4.1%	2.0%	4.3%	4.3%	4.2%	0.9%	0.9%	0.9%	4.7%	4.7%	4.8%
Pesticides																			
Fungicides	93	1.8%	2.0%	1.6%	0.9%	0.7%	1.2%	0.8%	0.8%	0.9%	1.0%	1.1%	1.0%	0.7%	0.9%	0.5%	0.6%	0.3%	1.0%
Insecticides	140	2.7%	2.5%	3.1%	1.3%	0.4%	2.9%	1.9%	1.6%	2.3%	1.4%	1.1%	1.9%	2.0%	1.1%	3.3%	1.9%	1.4%	2.6%
Herbicides	259	5.1%	5.6%	4.4%	1.7%	1.3%	2.5%	2.0%	1.6%	2.6%	2.5%	3.0%	1.6%	1.2%	0.9%	1.9%	2.1%	1.1%	3.2%
Fertiliser	38	0.7%	0.9%	0.5%	0.3%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.4%	0.3%	0.6%
Animal drench	34	0.7%	1.0%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%
Timber treatment	112	2.2%	2.3%	2.0%	1.3%	1.1%	1.3%	0.4%	0.3%	0.6%	1.3%	1.3%	1.3%	0.4%	0.3%	0.5%	0.7%	0.3%	1.3%
Dusts																			
Agricultural dust	24	0.5%	0.7%	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.1%	0.0%	0.3%
Animal dust	41	0.8%	0.7%	1.0%	0.1%	0.0%	0.4%	0.1%	0.2%	0.0%	0.3%	0.0%	0.6%	0.4%	0.3%	0.5%	0.0%	0.0%	0.0%
Grain dust	22	0.4%	0.5%	0.3%	0.3%	0.0%	0.8%	0.2%	0.2%	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.3%
Paper dust	43	0.8%	1.0%	0.7%	0.7%	0.7%	0.8%	0.5%	0.5%	0.6%	0.9%	1.1%	0.6%	1.4%	1.7%	0.9%	0.6%	0.6%	0.6%
Construction dust	179	3.5%	3.2%	4.0%	2.6%	2.4%	2.9%	0.9%	0.6%	1.5%	2.1%	2.0%	2.3%	1.6%	0.9%	2.8%	0.9%	0.3%	1.6%
Metal dust	153	3.0%	3.5%	2.4%	2.2%	2.9%	0.8%	1.6%	2.1%	0.9%	1.0%	1.1%	1.0%	2.0%	2.0%	1.9%	0.3%	0.3%	0.3%
Wood dust	307	6.0%	6.5%	5.4%	5.2%	6.6%	2.5%	2.3%	2.1%	2.6%	3.2%	3.5%	2.9%	0.9%	0.9%	0.9%	1.8%	1.4%	2.2%
Household dust	248	4.9%	4.0%	6.1%	3.2%	2.2%	5.0%	6.3%	5.3%	8.2%	5.0%	4.3%	5.9%	6.2%	6.0%	6.6%	7.1%	6.9%	7.4%
Road dust	372	7.3%	5.2%	10.4%	5.5%	4.8%	6.8%	3.0%	1.8%	5.3%	3.5%	2.6%	4.6%	7.4%	4.3%	12.7%	4.9%	3.3%	6.7%
Flour dust	23	0.5%	0.6%	0.3%	0.6%	0.9%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	0.5%	0.7%	1.1%	0.3%

	Total		NZWS	Maori	1 - Legislators, administrators and managers			2 - Professionals			3 - Technicians and Associate professionals			4 - Clerks			5 - Services and sale workers		
	Total				Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N
	N=5089*		N=3002	N=2087															
Exposure	N	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Solvents																			
Solvent	497	9.8%	11.9%	6.7%	6.3%	7.5%	3.8%	6.8%	8.1%	4.4%	9.3%	11.9%	5.4%	4.3%	5.7%	1.9%	9.5%	12.1%	6.4%
Acetone	36	0.7%	0.9%	0.4%	0.4%	0.4%	0.4%	1.1%	1.3%	0.9%	1.2%	1.7%	0.3%	0.2%	0.3%	0.0%	0.1%	0.0%	0.3%
Adhesive	201	3.9%	4.2%	3.6%	3.2%	3.7%	2.1%	2.5%	2.2%	2.9%	2.7%	3.0%	2.2%	1.6%	1.1%	2.3%	0.9%	1.1%	0.6%
Alcohol	145	2.9%	3.6%	1.7%	1.3%	1.3%	0.8%	4.3%	5.7%	1.7%	4.0%	4.6%	3.2%	1.8%	2.6%	0.5%	2.4%	3.3%	1.3%
Degreasers	68	1.3%	1.3%	1.4%	1.1%	1.3%	0.8%	0.1%	0.2%	0.0%	0.6%	0.9%	0.3%	0.2%	0.3%	0.0%	2.7%	2.5%	2.9%
Methylated spirits	68	1.3%	1.8%	0.7%	0.7%	0.4%	0.8%	1.9%	2.2%	1.2%	1.3%	1.7%	0.6%	0.9%	1.4%	0.0%	1.5%	2.8%	0.0%
Turpentine	66	1.3%	1.6%	0.8%	1.1%	0.7%	2.1%	0.8%	1.1%	0.3%	0.8%	1.3%	0.0%	0.2%	0.3%	0.0%	1.0%	1.7%	0.3%
Formaldehyde	23	0.5%	0.5%	0.3%	0.0%	0.0%	0.0%	0.9%	1.0%	0.9%	0.6%	0.7%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Engine fuels and emissions																			
Diesel engine emission	118	2.3%	2.3%	2.3%	1.4%	1.8%	0.8%	0.4%	0.5%	0.3%	0.6%	0.9%	0.3%	1.4%	2.0%	0.5%	1.2%	1.1%	1.3%
Diesel fuel	81	1.6%	1.6%	1.6%	1.3%	1.1%	1.7%	0.2%	0.3%	0.0%	0.4%	0.2%	0.6%	0.5%	0.3%	0.9%	0.4%	0.3%	0.6%
Engine emission	356	7.0%	5.9%	8.6%	5.7%	6.6%	4.2%	1.9%	2.1%	1.5%	4.4%	3.7%	5.4%	6.4%	4.5%	9.4%	6.4%	5.5%	7.4%
Engine oil	179	3.5%	3.6%	3.4%	2.6%	2.6%	2.5%	1.0%	1.1%	0.9%	0.9%	1.1%	0.6%	0.4%	0.0%	0.9%	1.8%	1.4%	2.2%
Kerosene	21	0.4%	0.6%	0.2%	0.3%	0.4%	0.0%	0.5%	0.6%	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%
Petrol fuel	63	1.2%	0.9%	1.7%	0.6%	0.7%	0.4%	0.2%	0.3%	0.0%	0.6%	0.2%	1.3%	0.2%	0.0%	0.5%	1.3%	0.6%	2.2%
Petrol fumes	49	1.0%	0.9%	1.0%	0.4%	0.7%	0.0%	0.4%	0.3%	0.6%	0.6%	0.9%	0.3%	0.2%	0.0%	0.5%	1.3%	0.3%	2.6%
LPG	68	1.3%	1.3%	1.4%	1.0%	0.9%	1.2%	0.5%	0.6%	0.3%	0.9%	1.1%	0.6%	1.2%	0.9%	1.9%	2.1%	1.7%	2.6%
Environmental Tobacco Smoke	69	1.4%	1.2%	1.6%	1.3%	1.5%	0.8%	1.0%	0.6%	1.7%	0.5%	0.4%	0.6%	1.2%	1.4%	0.9%	3.3%	3.9%	2.6%
Machinery oils and fumes																			
Machinery oils	101	2.0%	2.0%	1.9%	1.0%	1.3%	0.4%	1.1%	1.1%	1.2%	0.8%	1.1%	0.3%	0.2%	0.0%	0.5%	0.1%	0.0%	0.3%
Machinery fumes	58	1.1%	0.9%	1.4%	0.9%	0.9%	0.8%	0.1%	0.2%	0.0%	0.5%	0.4%	0.6%	0.5%	0.6%	0.5%	0.3%	0.0%	0.6%
Hydraulic oil	45	0.9%	1.0%	0.7%	0.3%	0.4%	0.0%	0.4%	0.5%	0.3%	0.1%	0.2%	0.0%	0.2%	0.3%	0.0%	0.3%	0.6%	0.0%
Lubricants	122	2.4%	2.5%	2.2%	1.6%	2.0%	0.8%	1.0%	1.1%	0.9%	1.6%	1.7%	1.3%	0.9%	0.9%	0.9%	0.7%	1.1%	0.3%
Cutting fluids	28	0.6%	0.7%	0.4%	0.3%	0.4%	0.0%	0.2%	0.2%	0.3%	0.1%	0.2%	0.0%	0.2%	0.0%	0.5%	0.4%	0.6%	0.3%
Welding	125	2.5%	3.0%	1.6%	1.6%	2.2%	0.4%	1.8%	2.2%	0.9%	0.9%	1.1%	0.6%	0.4%	0.6%	0.0%	0.3%	0.6%	0.0%
Inks and dyes																			
Dyes	46	0.9%	0.8%	1.1%	1.0%	0.4%	2.1%	1.1%	1.0%	1.5%	0.4%	0.4%	0.3%	0.2%	0.0%	0.5%	0.3%	0.3%	0.3%
Printing	25	0.5%	0.6%	0.3%	0.6%	0.7%	0.4%	0.0%	0.0%	0.0%	0.4%	0.7%	0.0%	0.7%	0.9%	0.5%	0.0%	0.0%	0.0%
Inks and dyes	54	1.1%	1.1%	1.0%	0.6%	0.4%	0.8%	0.8%	0.6%	1.2%	1.6%	2.0%	1.0%	2.0%	1.7%	2.3%	0.0%	0.0%	0.0%
Hair dye	17	0.3%	0.4%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	3.0%	1.6%

	Total		NZWS	Maori	1 - Legislators, administrators and managers			2 - Professionals			3 - Technicians and Associate professionals			4 - Clerks			5 - Services and sale workers		
	Total				Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N
	N=5089*		N=3002	N=2087															
Exposure	N	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Inks and dyes																			
Dyes	46	0.9%	0.8%	1.1%	1.0%	0.4%	2.1%	1.1%	1.0%	1.5%	0.4%	0.4%	0.3%	0.2%	0.0%	0.5%	0.3%	0.3%	0.3%
Printing	25	0.5%	0.6%	0.3%	0.6%	0.7%	0.4%	0.0%	0.0%	0.0%	0.4%	0.7%	0.0%	0.7%	0.9%	0.5%	0.0%	0.0%	0.0%
Inks and dyes	54	1.1%	1.1%	1.0%	0.6%	0.4%	0.8%	0.8%	0.6%	1.2%	1.6%	2.0%	1.0%	2.0%	1.7%	2.3%	0.0%	0.0%	0.0%
Hair dye	17	0.3%	0.4%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	3.0%	1.6%
Fibres																			
Fibreglass	36	0.7%	0.8%	0.8%	0.6%	0.2%	1.2%	0.2%	0.3%	0.0%	0.1%	0.0%	0.3%	0.2%	0.0%	0.5%	0.0%	0.0%	0.0%
Insulation material	46	0.9%	0.9%	0.9%	0.7%	0.7%	0.8%	0.1%	0.2%	0.0%	0.4%	0.2%	0.6%	0.7%	0.6%	0.9%	0.3%	0.3%	0.3%
Textile dust	108	2.1%	2.3%	1.9%	2.2%	2.4%	1.7%	1.3%	1.4%	1.2%	1.9%	2.0%	1.9%	1.8%	2.0%	1.4%	2.5%	3.3%	1.6%
Asbestos	32	0.6%	0.7%	0.5%	0.6%	0.4%	0.8%	0.1%	0.2%	0.0%	0.1%	0.2%	0.0%	0.4%	0.6%	0.0%	0.7%	0.6%	1.0%
Paint and lacquers																			
Paint and lacquers	186	3.6%	4.2%	2.8%	2.7%	3.3%	1.7%	2.7%	2.6%	2.9%	4.0%	4.6%	3.2%	0.4%	0.0%	0.9%	1.2%	1.7%	0.6%
Paint thinner	46	0.9%	0.9%	1.0%	0.4%	0.4%	0.4%	0.2%	0.2%	0.3%	0.5%	0.2%	1.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%

*21 participants had missing information on 1-digit NZSCO occupation

	Total		NZWS	Maori	6 - Agricultural and fishery workers			7 - Trade workers			8 - Plant and machine operators and assemblers			9 - Elementary occupations		
	Total				Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N
	N=5089*		N=3002	N=2087												
Exposure	N	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Acids and alkalis																
Alkalis	170	3.3%	3.3%	3.4%	9.2%	9.7%	8.3%	4.6%	4.3%	5.0%	5.4%	3.8%	6.5%	4.6%	6.0%	3.5%
Acids	308	6.0%	6.5%	5.5%	15.4%	17.7%	11.7%	15.9%	19.7%	9.2%	11.7%	8.1%	14.1%	8.0%	7.7%	8.3%
Hydrochloric acid	41	0.8%	1.0%	0.5%	0.0%	0.0%	0.0%	1.8%	2.4%	0.7%	1.7%	1.6%	1.8%	0.8%	1.7%	0.0%
Sulphuric acid	74	1.5%	1.4%	1.4%	2.3%	2.2%	2.5%	4.8%	5.5%	3.5%	2.8%	2.7%	2.9%	1.9%	0.0%	3.5%
Cleaning products																
Cleaning products	657	12.9%	13.2%	12.5%	19.9%	23.7%	14.2%	17.2%	22.0%	8.5%	15.6%	12.4%	17.8%	28.4%	33.3%	24.3%
Bleach	84	1.6%	1.7%	1.6%	0.3%	0.0%	0.8%	0.8%	0.8%	0.7%	1.3%	1.1%	1.4%	5.7%	9.4%	2.8%
Disinfectant	190	3.7%	4.2%	3.0%	1.6%	2.2%	0.8%	2.0%	2.8%	0.7%	2.2%	1.6%	2.5%	8.0%	12.8%	4.2%
Caustic soda	57	1.1%	1.4%	0.7%	1.0%	1.6%	0.0%	0.8%	1.2%	0.0%	2.6%	2.7%	2.5%	1.9%	3.4%	0.7%
Chlorine products	178	3.5%	3.7%	3.2%	2.0%	2.2%	1.7%	2.8%	3.1%	2.1%	5.2%	4.3%	5.8%	7.7%	12.8%	3.5%
Pesticides																
Fungicides	93	1.8%	2.0%	1.6%	12.4%	15.1%	8.3%	3.8%	3.9%	3.5%	0.7%	0.0%	1.1%	2.7%	3.4%	2.1%
Insecticides	140	2.7%	2.5%	3.1%	17.0%	18.8%	14.2%	0.5%	0.4%	0.7%	2.4%	2.7%	2.2%	5.0%	6.0%	4.2%
Herbicides	259	5.1%	5.6%	4.4%	48.7%	60.2%	30.8%	1.5%	2.0%	0.7%	2.6%	2.2%	2.9%	8.0%	8.5%	7.6%
Fertiliser	38	0.7%	0.9%	0.5%	5.2%	7.0%	2.5%	0.5%	0.8%	0.0%	1.7%	2.7%	1.1%	2.3%	4.3%	0.7%
Animal drench	34	0.7%	1.0%	0.2%	9.8%	14.5%	2.5%	0.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Timber treatment	112	2.2%	2.3%	2.0%	2.9%	4.3%	0.8%	12.7%	14.2%	9.9%	3.3%	3.2%	3.3%	3.1%	3.4%	2.8%
Dusts																
Agricultural dust	24	0.5%	0.7%	0.1%	5.9%	8.6%	1.7%	0.0%	0.0%	0.0%	0.2%	0.5%	0.0%	0.8%	1.7%	0.0%
Animal dust	41	0.8%	0.7%	1.0%	10.1%	8.6%	12.5%	0.5%	0.8%	0.0%	0.4%	0.5%	0.4%	0.0%	0.0%	0.0%
Grain dust	22	0.4%	0.5%	0.3%	3.9%	5.4%	1.7%	0.0%	0.0%	0.0%	0.4%	1.1%	0.0%	0.4%	0.0%	0.7%
Paper dust	43	0.8%	1.0%	0.7%	0.3%	0.5%	0.0%	1.8%	2.4%	0.7%	0.9%	1.1%	0.7%	0.8%	0.9%	0.7%
Construction dust	179	3.5%	3.2%	4.0%	0.3%	0.5%	0.0%	20.8%	19.7%	22.7%	5.2%	5.4%	5.1%	5.4%	6.8%	4.2%
Metal dust	153	3.0%	3.5%	2.4%	2.3%	3.2%	0.8%	14.2%	15.4%	12.1%	5.6%	8.1%	4.0%	4.6%	4.3%	4.9%
Wood dust	307	6.0%	6.5%	5.4%	9.8%	10.8%	8.3%	31.4%	34.6%	25.5%	7.6%	5.9%	8.7%	7.3%	6.8%	7.6%
Household dust	248	4.9%	4.0%	6.1%	0.7%	1.1%	0.0%	2.3%	1.6%	3.5%	1.5%	1.1%	1.8%	10.0%	2.6%	16.0%
Road dust	372	7.3%	5.2%	10.4%	18.6%	15.1%	24.2%	7.1%	7.1%	7.1%	17.6%	13.4%	20.3%	14.6%	10.3%	18.1%
Flour dust	23	0.5%	0.6%	0.3%	0.0%	0.0%	0.0%	1.5%	2.0%	0.7%	0.9%	0.5%	1.1%	0.4%	0.9%	0.0%

	Total		NZWS	Maori	6 - Agricultural and fishery workers			7 - Trade workers			8 - Plant and machine operators and assemblers			9 - Elementary occupations		
	Total				Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N
	N=5089*		N=3002	N=2087												
Exposure	N	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Solvents																
Solvent	497	9.8%	11.9%	6.7%	8.2%	9.7%	5.8%	29.4%	34.6%	19.9%	11.7%	12.4%	11.2%	12.6%	20.5%	6.3%
Acetone	36	0.7%	0.9%	0.4%	0.0%	0.0%	0.0%	2.3%	2.8%	1.4%	0.4%	0.5%	0.4%	0.0%	0.0%	0.0%
Adhesive	201	3.9%	4.2%	3.6%	1.3%	0.5%	2.5%	20.8%	20.9%	20.6%	4.1%	4.3%	4.0%	5.4%	8.5%	2.8%
Alcohol	145	2.9%	3.6%	1.7%	0.7%	0.5%	0.8%	5.8%	6.7%	4.3%	1.7%	1.1%	2.2%	1.9%	4.3%	0.0%
Degreasers	68	1.3%	1.3%	1.4%	2.3%	1.6%	3.3%	4.1%	4.3%	3.5%	1.7%	1.1%	2.2%	1.5%	1.7%	1.4%
Methylated spirits	68	1.3%	1.8%	0.7%	0.3%	0.0%	0.8%	4.1%	5.1%	2.1%	0.4%	0.0%	0.7%	0.8%	1.7%	0.0%
Turpentine	66	1.3%	1.6%	0.8%	0.3%	0.5%	0.0%	7.8%	8.7%	6.4%	0.7%	1.1%	0.4%	0.4%	0.9%	0.0%
Formaldehyde	23	0.5%	0.5%	0.3%	1.3%	2.2%	0.0%	0.0%	0.0%	0.0%	0.9%	1.6%	0.4%	0.4%	0.0%	0.7%
Engine fuels and emissions																
Diesel engine emission	118	2.3%	2.3%	2.3%	6.9%	6.5%	7.5%	3.5%	5.1%	0.7%	8.0%	7.5%	8.3%	4.2%	4.3%	4.2%
Diesel fuel	81	1.6%	1.6%	1.6%	7.5%	7.5%	7.5%	1.8%	1.6%	2.1%	4.8%	8.1%	2.5%	3.4%	3.4%	3.5%
Engine emission	356	7.0%	5.9%	8.6%	20.3%	17.2%	25.0%	9.1%	9.4%	8.5%	11.9%	6.5%	15.6%	12.3%	10.3%	13.9%
Engine oil	179	3.5%	3.6%	3.4%	17.0%	17.2%	16.7%	8.1%	10.6%	3.5%	6.9%	7.0%	6.9%	5.4%	6.0%	4.9%
Kerosene	21	0.4%	0.6%	0.2%	0.7%	1.1%	0.0%	2.3%	2.4%	2.1%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%
Petrol fuel	63	1.2%	0.9%	1.7%	4.6%	2.7%	7.5%	3.0%	3.1%	2.8%	2.6%	2.7%	2.5%	1.5%	1.7%	1.4%
Petrol fumes	49	1.0%	0.9%	1.0%	2.9%	3.8%	1.7%	2.0%	2.4%	1.4%	1.3%	1.6%	1.1%	1.5%	1.7%	1.4%
LPG	68	1.3%	1.3%	1.4%	0.3%	0.5%	0.0%	3.3%	3.5%	2.8%	2.4%	3.2%	1.8%	1.1%	0.9%	1.4%
Environmental Tobacco	69	1.4%	1.2%	1.6%	0.7%	0.0%	1.7%	0.5%	0.4%	0.7%	1.3%	0.5%	1.8%	2.7%	1.7%	3.5%
Machinery oils and fumes																
Machinery oils	101	2.0%	2.0%	1.9%	9.5%	11.3%	6.7%	3.5%	3.5%	3.5%	5.2%	4.8%	5.4%	3.1%	3.4%	2.8%
Machinery fumes	58	1.1%	0.9%	1.4%	3.9%	3.2%	5.0%	2.3%	2.8%	1.4%	2.6%	1.6%	3.3%	3.4%	2.6%	4.2%
Hydraulic oil	45	0.9%	1.0%	0.7%	2.0%	2.7%	0.8%	2.5%	2.8%	2.1%	2.8%	3.8%	2.2%	2.3%	1.7%	2.8%
Lubricants	122	2.4%	2.5%	2.2%	6.9%	5.4%	9.2%	6.1%	6.7%	5.0%	5.6%	7.0%	4.7%	3.1%	4.3%	2.1%
Cutting fluids	28	0.6%	0.7%	0.4%	0.3%	0.5%	0.0%	3.8%	3.9%	3.5%	0.7%	1.6%	0.0%	0.0%	0.0%	0.0%
Welding	125	2.5%	3.0%	1.6%	2.3%	3.8%	0.0%	15.2%	16.1%	13.5%	3.0%	4.3%	2.2%	1.9%	1.7%	2.1%

	Total		NZWS	Maori	6 - Agricultural and fishery workers			7 - Trade workers			8 - Plant and machine operators and assemblers			9 - Elementary occupations		
	Total				Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N	Total	NZWS	Maori N
	N=5089*		N=3002	N=2087												
Exposure	N	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Inks and dyes																
Dyes	46	0.9%	0.8%	1.1%	2.3%	2.2%	2.5%	0.3%	0.4%	0.0%	2.4%	2.7%	2.2%	1.1%	1.7%	0.7%
Printing	25	0.5%	0.6%	0.3%	0.0%	0.0%	0.0%	2.8%	3.5%	1.4%	0.4%	0.0%	0.7%	0.4%	0.0%	0.7%
Inks and dyes	54	1.1%	1.1%	1.0%	0.0%	0.0%	0.0%	2.5%	2.8%	2.1%	1.5%	1.6%	1.4%	0.8%	0.9%	0.7%
Hair dye	17	0.3%	0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fibres																
Fibreglass	36	0.7%	0.8%	0.8%	0.0%	0.0%	0.0%	5.6%	5.5%	5.7%	1.1%	1.1%	1.1%	0.4%	0.9%	0.0%
Insulation material	46	0.9%	0.9%	0.9%	0.0%	0.0%	0.0%	6.8%	6.3%	7.8%	0.7%	1.1%	0.4%	0.4%	0.9%	0.0%
Textile dust	108	2.1%	2.3%	1.9%	1.0%	0.5%	1.7%	3.3%	3.1%	3.5%	3.0%	5.4%	1.8%	2.7%	1.7%	3.5%
Asbestos	32	0.6%	0.7%	0.5%	0.3%	0.0%	0.8%	2.3%	2.4%	2.1%	1.3%	2.2%	0.7%	1.1%	2.6%	0.0%
Paint and lacquers																
Paint and lacquers	186	3.6%	4.2%	2.8%	3.6%	2.7%	5.0%	18.0%	20.9%	12.8%	1.7%	2.7%	1.1%	3.8%	5.1%	2.8%
Paint thinner	46	0.9%	0.9%	1.0%	0.0%	0.0%	0.0%	7.3%	7.1%	7.8%	0.7%	0.5%	0.7%	1.5%	1.7%	1.4%

*21 participants had missing information on 1-digit NZSCO occupation

LIMITATIONS AND KEY OBSERVATIONS

Limitations

The three major limitations of the workforce surveys concern: 1) the recruitment of study participants; 2) the nature of the exposure information collected; and 3) the timing of the data collected.

1) The recruitment of study participants

The response rate was 37% for the NZWS and 31% for the Māori NZWS. Thus, it was important to evaluate whether the participants were representative of the source population. Although certain groups were underrepresented in our study sample as outlined earlier, the prevalence estimates of self-reported occupational exposures, lifestyle factors, and health outcomes under study did not change appreciably after standardising towards the demographic distribution of the source population (data not shown) indicating that significant non-response bias is unlikely to have occurred^{2,3}.

2) The nature of the information collected

One of the biggest limitations of the workforce surveys was the relatively crude exposure assessment. It is practically impossible to objectively assess the level and intensity of exposure using a questionnaire. Because the exposures were self-reported, the responses to most questions were inevitably subjective, for example 'lifting' could refer to a wide range of different weights and movements. In addition, many hazardous agents (e.g. occupational carcinogens) may not be recognisable to participants⁵, for example they may be able to report the colour or smell of a certain substance but may not be aware of its specific name or chemical properties. Thus, the possibility that differences in reporting or perception of exposures (e.g. by gender or ethnicity) may have affected the results cannot be ruled out. Nonetheless, the prevalences of certain occupational risk factors reported in this report were similar to estimates of self-reported exposure from overseas workforce surveys (as described above for some exposures). Furthermore, the collection of these relatively crude exposure data from workforce surveys is important for providing population-level estimates of the prevalence of occupational exposures.

Certain exposures included in the questionnaire were assessed using a single question rather than a multi-item scale. For example, our assessment of job stress was based on a single question compared to previous studies of work-related stress, many of which have used Karasek's job content questionnaire⁶. Because the workforce survey collected information on a wide range of exposures, a

balance was required between the detail of the information collected and the practical length of the questionnaire, hence using single questions for some exposures.

The extent of an individual's exposure is also affected by the provision and use of exposure controls. The current survey collected limited information on the use of PPE but not on the frequency or duration of use. Employers are required to take all practicable steps to minimise harm which includes providing PPE when they are unable to eliminate or isolate a hazard. Module One showed that less than half of participants exposed to specific substances used PPE relevant for that exposure.

3) The timing of the data collected

It could be argued that exposure information obtained between 2004 and 2010 is not relevant to the current situation in NZ. However, it is unlikely that major changes in workplace practices have occurred during this period. Although there is no NZ-specific data on this, data from the regular European Working Conditions Surveys (including 35 countries) has shown that workplace exposure prevalences in Europe have not changed significantly over the last decade. This suggests that current exposures are comparable to those measured a decade ago⁷ and that the exposure information obtained between 2004 and 2010 will allow WorkSafe to target reliably those currently most at risk.

Key observations

- Occupational exposures remain common in the NZ workforce (half of the total sample reported exposure to at least one dust/chemical factor).
- The majority of occupational exposures were disproportionately experienced by workers in the 'manual' occupational groups i.e. the trades, agricultural, plant and machine operators and assemblers, and elementary occupational groups.
- The majority of exposure to dust/chemical and physical factors were concentrated in the 'agriculture, forestry and fishing', 'construction' and 'manufacturing' industries. There were high prevalences of working long and irregular hours for the 'agriculture, forestry and fishing' and 'transport and storage' industries, the latter of which had the highest prevalence of night shift work. Participants in the 'accommodation, cafes and restaurants' industry also reported a high prevalence of working irregular hours.
- Potentially hazardous occupational exposures were not limited to 'high-risk' occupations. Whilst the burden of occupational risk factors was concentrated in certain high-risk groups as outlined above, exposures also occurred in other occupational groups not traditionally associated with hazardous exposures. For example, about one in five workers in the non-manual occupational groups reported exposure to dust. For the legislators, administrators and managers group, the data on specific exposures showed that exposure included potential carcinogens, such as wood dust (rather than just household or road dust). One possible explanation could be the smaller size of operations in NZ industry and therefore a greater likelihood of workers being exposed. Alternatively, the application of the skills-based job classification e.g. for the job title 'manager', could vary across countries.
- Self-reported PPE use was generally high; however, use for relevant exposures is low. For example, of those participants exposed to loud noise, only 30-40% reported using hearing protection at work.
- There were substantial differences in occupational exposure prevalence between men and women. Gender differences were demonstrated for a wide range of dust and chemical exposures as well as physical factors. In the NZWS, male workers were almost twice as likely to report exposure to dust and chemical factors compared to females. Males were also more likely to be exposed to loud noise, use tools that vibrate, work night shift, and work irregular hours. On the other hand, females were more likely to report carrying out repetitive tasks, working at very high speed, and awkward or tiring positions a quarter of the time or more. In the Māori NZWS, males were more likely to be exposed to dust and chemical factors,

particularly oils and solvents and acids or alkalis. Males were also more likely to be exposed to loud noise, use tools that vibrate, work night shift, and work irregular hours. A very or extremely stressful job was the only occupational risk factor for which Māori females were more likely to be exposed, but this was no longer significant after adjusting for occupational and industry distribution. While we were not able to fully account for gender differences in occupational distribution (i.e. the gender segregation of jobs) by adjusting for the 1-digit occupational groups, these findings suggest that it is important to consider gender in occupational health and safety prevention initiatives.

- The comparison of the two surveys throughout this report showed ethnic differences in occupational exposure prevalences, particularly for physical risk factors. The logistic regression results showed that Māori males were more likely to be exposed to all physical and organisational factors and these differences remained after adjustment for age, SES, and occupation, and industry. For example, Māori men were more than twice as likely to report lifting compared to non-Māori men, even after adjustment for age, SES, occupation, and industry. Only the difference in the prevalence of irregular hours and night shift work among men attenuated after adjustment for occupation and industry. Non-Māori males were more likely to report moderate and very or extremely stressful jobs. Māori women were more likely to report exposure to dust and less likely to report exposure to oils and solvents. They were also more likely to be exposed to all physical and organisational factors and these differences remained after adjustment for age, SES, occupation, and industry. This report presents the largest comparison of occupational risk factors between Māori and non-Māori workers and the findings suggest that the contribution of the occupational environment to health inequities between Māori and non-Māori has been previously underestimated.
- The occupational groups plant and machine operators and assemblers and elementary occupations reported relatively high prevalences to certain occupational exposures but also reported the highest prevalence of current smoking and obesity. Participants in these occupational groups were also more likely to be in the most deprived SES group.

References

1. Eng A, A TM, Cheng S, Douwes J, Ellison-Loschmann L, McLean D, Gander P, Laird I, Legg S, Pearce N. *The New Zealand Workforce Survey I: Self-Reported Occupational Exposures*. Ann Occup Hyg 2010; 54(2):144-153.
2. Mannetje A, Eng A, Douwes J, Ellison-Loschmann L, McLean D, Pearce N. *Determinants of Non-Response in an Occupational Exposure and Health Survey in New Zealand*. Aust N Z J Public Health 2011; 35(3):256-263.
3. Denison H, Eng A, Barnes L, Cheng S, Mannetje A, Haddock K, Douwes J, Pearce N, Ellison-Loschmann L. *Inequities in Exposure to Occupational Risk Factors between Māori and Non-Māori Workers in Aotearoa New Zealand*. Submitted 2018.
4. Parent-Thirion A, Macias E, Hurley J, Vermeylen G. *Fourth European Working Conditions Survey*. Dublin, Ireland: European Foundation for the Improvement of Living and Working Conditions 2007.
5. Pearce N, Dryson E, Feyer A, Gander P, Wagstaffe M. *Surveillance and Control of Workplace Exposures in New Zealand: Report to the Minister of Labour*. National Occupational Health and Safety Advisory Committee Wellington 2006.
6. Karasek R, Brisson C, Kawakami N, Houtman I, Bongers P, Amick B. *The Job Content Questionnaire (Jcq): An Instrument for Internationally Comparative Assessments of Psychosocial Job Characteristics*. Journal of Occupational Health Psychology 1998; 3:322-355.
7. Eurofound. *Sixth European Working Conditions Survey – Overview Report* Publications Office of the European Union, Luxembourg 2016.

Appendices

Workplace Exposures Questionnaire

Subject ID #: **BA**

Name:

Today's date:
Day Month Year

Phone number:

E-mail:

Date of Birth:
Day Month Year

Gender: Male
 Female

To which ethnic group or groups do you belong?

Specify: European/
 Maori Pacific
Island Other



Part 1: Lifetime Work History

1. Please tell me all the jobs you have held in order from the first job you ever held to the most recent job ever held.

Interviewer:

Please include all jobs that lasted at least 6 months in total. Please start with the first job after leaving school and end with the most recent. The list should be without gaps, meaning that also e.g. unemployed periods or periods taking care of children should be reported here. The last year in the work history should be the year of interview.

Job Number	Who was your employer? (Name and Location)	Over what period did you work for this employer?	What was the main activity of the company or organisation you worked for? <i>(For example: sheep farming, selling shoes, making clothes)</i>	What department did you work in, and what was your job title?
1.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
2.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
3.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
4.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:

	Who was your employer ? (Name and Location)	Over what period did you work for this employer?	What was the main activity of the company or organisation you worked for?	What department did you work in, and what was your job title ?
5.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
6.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
7.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
8.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
9.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title:
10.	Name Location	From: (year) To: (year) Total time employed: years		Department: Job title: <i>Interviewer: use add-in if more than 10 jobs</i>

9. In the environment where you work/worked were any of the following present?

** Interviewer: Please list all. If you tick any of these boxes please complete question 10 otherwise go to question 11.*

- Dust:** e.g. coal, metal, wood, grain, textile fibres, or insulation material
- Smoke or fume:** e.g. combustion products, engine emission, metal fume
- Gas:** e.g. combustion gases, refrigerant
- Oils and solvents:** e.g. lubricants, cutting oils, degreasers, thinners
- Acids or alkalis**
- Fungicides, Insecticides, Herbicides or Timber Preservatives**
- Other chemical products** e.g. dyes, inks, adhesives etc.

10. Please state the names of the substances you are/were exposed to, how many weeks per year and hours per day you are/were exposed, and the source of the substance.

Name/s of Substance	Weeks per year exposed	Hours per day exposed	Source of Substance

11. What type of **ventilation** does/did your work area have? (interviewer: please list all)

- No Ventilation
- Open doors and windows
- Ventilation fan ducted to outside
- Air conditioning
- Fume hood with fan and air filters
- Other

12. How **effective** is/was the ventilation of your work area? *(interviewer: please list all)*

- Not at all effective ₁
- Moderately effective ₂
- Very effective ₃
- Don't know ₄

13. Do/did you wear any **protective equipment** while at work?

- Yes ₁
- No ₂ → **to 15**
- Don't know ₃

14. If yes, which of the following do you use? For which tasks? *(interviewer: please list all)*

Goggles

For which tasks:.....

.....

.....

Footwear

For which tasks:.....

.....

.....

Apron

For which tasks:.....

.....

.....

Simple Dust Mask

For which tasks:.....

.....

.....

Filter Cartridge Respirator

For which tasks:.....

.....

.....

Air-Supplied Respirator or SCBA

For which tasks:.....

.....

.....

Rubber or Plastic Gloves

For which tasks:.....

.....

.....

Hearing protection (specify)

For which tasks:.....

.....

.....

Other

For which tasks:.....

.....

.....

15. How often does this job involve any of these situations? *(interviewer: please list each situation. Please ask for an estimation of the part of working time this occurs)*

		1	3	5	7	9	
<i>(estimation of part of working time)</i>		All the time	¼	½	¾	never	%
a)	awkward or tiring positions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b)	awkward grip or hand movements	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c)	lifting	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d)	carrying out repetitive tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e)	working at very high speed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f)	working to tight deadlines	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g)	boring work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h)	working in cold / damp environment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i)	working in an (unpleasant) hot / warm environment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
j)	standing (still)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
k)	sitting	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
l)	tools that vibrate	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
m)	working outside	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
n)	loud noise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		2	4	6	8		

16. The following questions are about how satisfied you are with different aspects of your current job.

(interviewer: please list all)

The answers are on a five point scale from very satisfied to very dissatisfied.

you can answer 1-very satisfied

2-satisfied

3-neutral

4-dissatisfied

5-very dissatisfied or

n.a.-does not apply

(satisfaction) 1 2 3 4 5 na

a)	The total number of working hours per week?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b)	Contact & co-operation between yourself & senior management?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c)	The level of enjoyment of your work?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d)	The level of difficulty of your work?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e)	The help & support given to you by colleagues?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f)	The way your work is organised?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g)	The level of mental demands of your work?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h)	The times of the day you are asked to work?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i)	The help & support given to you by your supervisor?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j)	The way your organisation is run?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k)	The total number of hours overtime offered / expected per week?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l)	Co-operation among you and your fellow workers?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m)	Work, as a whole?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n)	The level of physical demands of your work?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. In general, how do you find your current job?

(interviewer: please list all)

- Not at all stressful 1
 Mildly stressful 2
 Moderately stressful 3
 Very stressful 4
 Extremely stressful 5

18. In the last 4 weeks, did you work for pay, profit or income for at least 3 hours between midnight and 5 am?

Yes 1

No 2 → **to next part**

19. In the last 4 weeks, what is the total number of nights that you worked for at least 3 hours between midnight and 5am?

_____ Nights in 4 weeks

Part 3: You and your household

1. Have you ever smoked tobacco?

Yes 1

No 2 → **to 7**

2. What do/did you smoke? *(interviewer: please list all)*

Cigars Cigarettes Pipe Other

3. In what year did you start smoking?: _____

4. Do you still smoke? Yes 1 → **to 6**

No 2

5. What year did you stop smoking? _____

6. How many do/did you smoke per day?: _____

7. How tall are you (in cm)? _____ cm

8. How much do you weigh (in kg)? _____ kg

9. How many people in your household are in each of the following age-groups *(excluding yourself)*?

0-5 years _____

6-12 years _____

13-18 years _____

19-24 years _____

25-60 years _____

60+ years _____

10. How many of these people need looking after by you *(excluding yourself)*? _____ people

Part 4: Respiratory symptoms

1. Have you had wheezing or whistling in your chest at any time in the past 12 months?
Yes ₁
No ₂ → **to 5**
2. Have you been at all breathless when the wheeze noise was present?
Yes ₁
No ₂
3. Have you had this wheezing or whistling in the chest when you did not have a cold?
Yes ₁
No ₂
4. How many attacks of wheezing or whistling have you had in the past 12 months?
none ₁
1-3 times ₂
4-12 times ₃
more than 12 times ₄
5. Have you been woken by an attack of shortness of breath at any time in the past 12 months?
Yes ₁
No ₂
6. Have you been woken by an attack of coughing at any time in the past 12 months?
Yes ₁
No ₂
7. Have you ever had asthma?
Yes ₁
No ₂ → **to 13**
8. Was the diagnosis confirmed by a doctor?
Yes ₁
No ₂
9. How old were you when you had your first attack of asthma?
_____ years
10. How old were you when you had your last attack of asthma?
_____ years
11. Have you had an attack of asthma in the past 12 months?
Yes ₁
No ₂
12. Are you currently taking any medicine (including inhalers, aerosols or tablets) for asthma?
Yes ₁
No ₂
13. Do you have any nasal allergies including hay fever?
Yes ₁
No ₂ → **to 16**
14. How old were you when you first had hay fever or nasal allergy?
_____ years
15. How old were you when you had hay fever or nasal allergy for the last time?
_____ years
16. Do you cough almost daily for at least part of the year?
Yes ₁
No ₂ → **to 20**
17. Do you usually have this cough in winter?
Yes ₁
No ₂
18. Do you cough up phlegm almost daily for at least part of the year?
Yes ₁
No ₂ → **to 20**
19. Do you usually have this cough (with phlegm) in winter?
Yes ₁
No ₂
20. In the past 12 months, how often have you been unable to work because of respiratory symptoms, i.e. cough, phlegm, wheezing/whistling or shortness of breath?
Never ₁ At least 31 days ₄
1-7 days ₂ Don't know ₅
8-30 days ₃
21. Have you ever had eczema (or atopic dermatitis)?
Yes ₁
No ₂ → **to next part**
22. Was the diagnosis confirmed by a doctor?
Yes ₁
No ₂

Part 5: Sleep Patterns

1. How many hours sleep do you usually get **on a day off** (counting naps as well)?hours

2. How often do you get enough sleep?

0 Never 1 Rarely 2 Often 3 Always

3. How often do you wake up feeling refreshed?

0 Never 1 Rarely 2 Often 3 Always

4. How often do you snore?

0 Never 1 Rarely 2 Often 3 Always

5. Has anyone ever told you that you stop breathing sometimes during sleep?

1 Yes 0 No

6. How likely are you to doze off or fall asleep in the following situations?

Please choose one answer for each of the following:

		<i>would never doze</i>		<i>slight chance</i>		<i>moderate chance</i>		<i>high chance</i>
a) Sitting and reading ...	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>
b) watching TV ...	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>
c) Sitting inactive in a public place (eg. theatre, meeting)	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>
d) Lying down in the afternoon when circumstances permit	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>
e) Sitting and talking to someone ...	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>
f) Sitting quietly after a lunch <u>without</u> alcohol ..	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>
g) In a car, while stopped for a few minutes in traffic	0	<input type="checkbox"/>1	<input type="checkbox"/>2	<input type="checkbox"/>3	<input type="checkbox"/>

7. Do you consider that you have a sleep problem?

1 Yes 0 No → *to next part*

8. How long have you had a sleep problem?

1 less than 4 weeks 2 1-6 months 3 More than 6 months

Comments welcome →.....

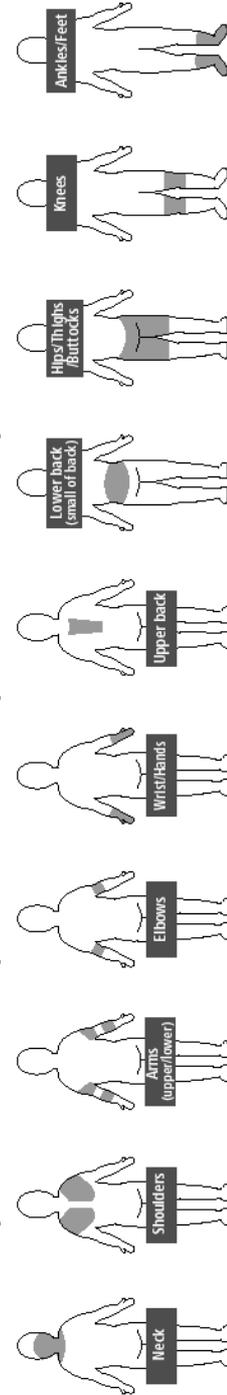
Part 6: Muscle and joint aches

Interviewer: please complete this question by starting with the list of body parts (Q1). If any is 'yes', complete all other questions (Q2-Q4) for this body part, then continue with the list of body parts (Q1).

MUSCLE AND JOINT ACHEs AND PAINS

PLEASE ANSWER ALL THE QUESTIONS, EVEN IF YOU HAVE NEVER HAD ANY TROUBLE IN ANY PARTS OF THE BODY.

	Q1 Have you at any time during the last 12 months had any trouble (such as aches, pains, discomfort, numbness) in your:	Q2 During the last 12 months, have you been prevented from carrying out normal activities (e.g. housework, hobbies, gardening) because of this trouble?	Q3 During the last 12 months have you been absent from work because of this trouble in your:	Q4 How often do you get, or have you had this trouble during the last 12 months?
Neck	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Shoulders	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Arms (upper and lower)	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Elbows	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Wrists/Hands	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Upper back	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Lower back (small of back)	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Hips/Thighs/Buttocks	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Knees	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>
Ankles/Feet	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	No <input type="checkbox"/> , Yes <input type="checkbox"/>	Daily <input type="checkbox"/> , one or more times a week <input type="checkbox"/> , a month <input type="checkbox"/> , a year <input type="checkbox"/> , one episode of trouble only <input type="checkbox"/> Never <input type="checkbox"/>



Appendix 2: Physical environment index: proportion of workers in EU28 (%) and mean index scores (0-100), 2005-2015

	2005	2010	2015
<i>Proportion of workers in EU28 (%)</i>			
Vibrations from hand tools, machinery (a quarter of the time or more)	24	23	19
Noise so loud that you would have to raise your voice to talk to people (a quarter of the time or more)	30	29	27
High temperatures which make you perspire even when not working	25	22	24
Low temperatures whether indoors or outdoors	22	23	21
Breathing in smoke, fumes (such as welding or exhaust fumes), powder or dust (such as wood dust or mineral dust)	19	17	14
Breathing in vapours, such as solvents and thinners	11	10	11
Handling or being in skin contact with chemical products or substances (a quarter of the time or more)	14	15	18
Tobacco smoke from other people (a quarter of the time or more)	20	11	8
Handling or being in direct contact with materials which could be infectious, such as waste, bodily fluids, laboratory materials, etc. (a quarter of the time or more)	9	11	14
Tiring or painful positions	46	46	44
Lifting or moving people	8	9	10
Carrying or moving heavy loads	35	34	32
Repetitive hand or arm movements	62	63	62
<i>Mean index scores (0-100)</i>			
Physical environment index	82	83	83

Source: Sixth European Working Conditions Survey⁷

Appendix 3: NZWS/Māori NZWS publications

1. Denison H, Eng A, Barnes L, Cheng S, Mannetje A, Haddock K, Douwes J, Pearce N, Ellison-Loschmann L. *Inequities in Exposure to Occupational Risk Factors between Māori and Non-Māori Workers in Aotearoa New Zealand*. Submitted 2018.
2. Jay S, Gander P, Eng A, Cheng S, Douwes J, Ellison-Loschmann L, McLean D, Pearce N, 't Mannetje A. *New Zealanders working non-standard hours also have greater exposure to other workplace hazards*. *Chronobiology International* 2017; 34: 519-526
3. Widanarko B, Legg S, Stevenson M, Devereux J, Eng A, 't Mannetje A, Cheng S, Pearce N. *Prevalence and work-related risk factors for reduced activities and absenteeism due to low back symptoms*. *Applied Ergonomics* 2012; 43: 727-737.
4. Widanarko B, Legg S, Stevenson M, Devereux J, Eng A, 't Mannetje A, Cheng S, Pearce N. *Gender differences in work-related risk factors associated with low back symptoms*. *Ergonomics* 2012; 55(3): 327-342.
5. Eng A. *Workforce Survey of Occupational Exposures and Health Effects in New Zealand*. 2011; PhD thesis, Massey University.
6. 't Mannetje A, Eng A, Douwes J, Ellison-Loschmann L, McLean D, Pearce N. *Determinants of nonresponse in an occupational exposure and health survey in New Zealand*. *Australian and New Zealand Journal of Public Health* 2011; 35: 256–263
7. Eng A, 't Mannetje A, Ellison-Loschmann L, McLean D, Cheng S, Pearce N. *Ethnic differences in patterns of occupational exposure in New Zealand*. *American Journal of Industrial Medicine* 2011; 54: 410-418.
8. Eng A, 't Mannetje A, McLean D, Ellison-Loschmann L, Cheng S, Pearce N. *Gender differences in occupational exposure patterns*. *Occupational and Environmental Medicine* 2011; 68: 888-894.
9. Widanarko B, Legg S, Stevenson M, Devereux J, Eng A, 't Mannetje A, Cheng S, Douwes J, Ellison-Loschmann L, McLean D, Pearce N. *Prevalence of musculoskeletal symptoms in relation to gender, age, and occupational/industrial group*. *International Journal of Industrial Ergonomics* 2011; 41(5): 561-572.
10. Eng A, 't Mannetje A, Pearce N, Douwes J. *Work-related Stress and Asthma: Results from a Workforce Survey in New Zealand*. *Journal of Asthma* 2011; 48: 783-789.
11. Eng A, 't Mannetje A, Douwes J, Cheng S, McLean D, Ellison-Loschmann L, Pearce N. *The New Zealand Workforce Survey II: Occupational risk factors for asthma*. *Annals of Occupational Hygiene* 2010; 54: 154-164.
12. Eng A, 't Mannetje A, Cheng S, Douwes J, Ellison-Loschmann L, McLean D, Gander P, Laird I, Legg S, Pearce N. *The New Zealand Workforce Survey I: Self-reported occupational exposures*. *Annals of Occupational Hygiene* 2010; 54: 144-153.