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## **The New Zealand Attitudes and Values Study 2010: Sampling Procedure and Technical Details**

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Note for researchers: A copy of the technical report detailing the scales and questionnaire items used in the NZAVS-10 is available from Dr. Chris Sibley upon request.

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## Executive Summary

The New Zealand Attitudes and Values Study (NZAVS) is a large national postal sample led by Dr. Chris Sibley at the University of Auckland. The study was started in 2009, and follows the same group of New Zealanders each year. The aim of the study is to track change in various social psychological and health factors for up to the next 20 years. The study provides information about how the personality, attitudes and values of New Zealanders may be changing over time. This is important because we currently know very little about how peoples' opinions, values and levels of satisfaction with their lives may change gradually over time, and perhaps also change rapidly in response to current events in society. Another key aim of the study is to examine how changes in attitudes and values may relate to changes in health and wellbeing over time. This document provides technical information about the second wave of the survey, the Time 2 (2010) sample, and descriptive statistics about the 2010 sample. The New Zealand Attitudes and Values Study (NZAVS-09) was funded by the University of Auckland FRDF (#3624435/9853) and ECREA (#3626075) grants awarded to Dr. Chris Sibley.

## Sampling procedure

The NZAVS-2010 represents the second year of data for a planned 20-year national yearly longitudinal study conducted from 2009 in New Zealand.

The NZAVS-10 questionnaire was mailed in a windowed envelope with University of Auckland letterhead. Participants' printed name and address was visible through the envelope window. Participants were provided a postage-paid return envelope, and were entered into a prize draw to win \$500, \$300 or \$200 grocery vouchers for their participation. A reminder was mailed after three months, and then a final email reminder the month after that.

The NZAVS-2010 contained responses from 4,442 participants. The initial NZAVS-2009 contained 6518 participants. This represents a retention rate of  $4442/6518 = 68.1\%$ .

A copy of the technical report detailing the scales and questionnaire items used in the NZAVS-2010 is available from Dr. Chris Sibley upon request.

## Demographics

Below is the summary of the main demographic information for the 2010 New Zealand Attitudes and Values Study (NZAVS).

### Gender

Table 1 presents details for the number of men and women in the 2010 sample. As shown, the NZAVS oversampled women (61.4%) relative to men (38.6%). According to the 2006 New Zealand Census, the population is 51.2% women and 48.8% men.

This can be compared to the NZAVS 2009 sample, where 59.3% of participants were female, and 40.7% were male.

**Gender.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Male	1716	38.6	38.6	38.6
Female	2726	61.4	61.4	100.0
Total	4442	100.0	100.0	

**Table 1. The percent of participants of each gender in the 2010 sample of the NZAVS**

### Age

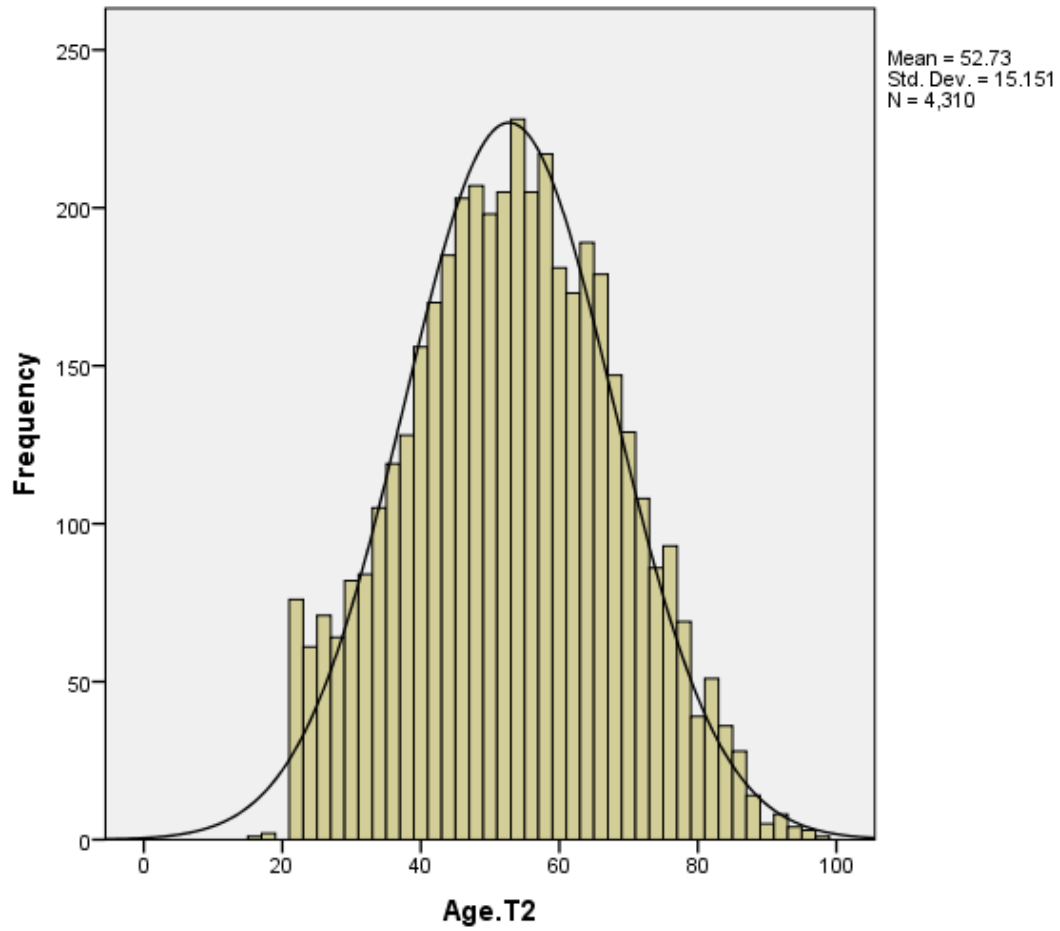
Table 2 presents the mean age of participants in the 2010 sample. The sample was made up of individuals randomly selected from the electoral roll. The minimum age was 16 and the maximum age was 97. The mean age of participants was 52.73 years. The distribution of participants' age is presented in Graph 1.

In the 2009 sample, the minimum age was 18, the maximum age was 98 and the mean age was 48 years.

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Age.T2	4310	16	97	52.73	15.151
Valid N (listwise)	4310				

**Table 2. The minimum, maximum and mean age of participants in the 2010 sample of the NZAVS**



**Graph 1. Histogram showing the distribution of participants' age in the 2010 sample of the NZAVS**

## Household Income

The 2010 NZAVS measured household income. This was measured by asking participants to estimate their household income in the past year (2010). The question used in the survey is displayed in Figure 1 below.

18. Please estimate your *total household income (before tax)* for the year 2010 \$ \_\_\_\_\_

**Figure 1. The household income question in the 2010 NZAVS questionnaire**

Table 3 presents the mean household income of participants in the 2010 NZAVS. As shown, household income ranged from \$0 - \$3,500,000 per annum. The mean household income was \$87,935 per annum.

In 2009, the household income ranged from \$0 - \$1,400,000, with a mean income of \$83,351 per annum.

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
Household.INC.T2	3612	0	3500000	87935.17	114846.011
Valid N (listwise)	3612				

**Table 3. The minimum, maximum and mean for household income for participants in the 2010 NZAVS**

Table 4 presents the percentage and cumulative percentage of household income. As shown, approximately half of participants (51.9%) had a household income under \$70,000 per annum. Approximately three quarters of participants (75.4%) had a household income under \$100,000 per annum. 9.9% of participants had a household income over \$150,000 and only 4.1% had a household income over \$200,000.

In 2009, approximately half (52.4%) of participants had a household income under \$70,000 per annum, three quarters of participants (74.5%) had a household income under \$100,000 per annum. 9.2% of participants had a household income over \$150,000, and 3.3% had a household income over \$200,000.

House.INC.Bands.T2					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1-5,000	59	1.3	1.6	1.6
	5,001-10,000	33	.7	.9	2.6
	10,001-15,000	106	2.4	2.9	5.5
	15,001-20,000	153	3.4	4.2	9.7
	20,001-25,000	155	3.5	4.3	14.0
	25,001-30,000	181	4.1	5.0	19.1
	30,001-35,000	106	2.4	2.9	22.0
	35,001-40,000	192	4.3	5.3	27.3
	40,001-45,000	105	2.4	2.9	30.3
	45,001-50,000	181	4.1	5.0	35.3
	50,001-55,000	95	2.1	2.6	37.9
	55,001-60,000	220	5.0	6.1	44.0
	60,001-65,000	92	2.1	2.6	46.6
	65,001-70,000	209	4.7	5.8	52.4
	70,001-75,000	87	2.0	2.4	54.8
	75,001-80,000	179	4.0	5.0	59.8
	80,000-85,001	70	1.6	1.9	61.7
	85,001-90,000	132	3.0	3.7	65.4
	90,001-95,000	45	1.0	1.2	66.6
	95,001-100,000	285	6.4	7.9	74.5
	100,001-105,000	24	.5	.7	75.2
	105,001-110,000	90	2.0	2.5	77.7
	110,001-115,000	22	.5	.6	78.3
	115,001-120,000	137	3.1	3.8	82.1
	120,001-125,000	16	.4	.4	82.6
	125,001-130,000	59	1.3	1.6	84.2
	130,001-135,000	13	.3	.4	84.6
	135,001-140,000	74	1.7	2.1	86.6
	140,001-145,000	12	.3	.3	87.0
	145,001-150,000	107	2.4	3.0	89.9
	150,001-150,000	6	.1	.2	90.1
	155,001-160,000	41	.9	1.1	91.2
	160,001-165,000	2	.0	.1	91.3
	165,001-170,000	36	.8	1.0	92.3
	170,001-175,000	9	.2	.2	92.5
	175,001-180,000	39	.9	1.1	93.6
	180,001-185,000	6	.1	.2	93.8
	185,001-190,000	11	.2	.3	94.1
	190,001-195,000	3	.1	.1	94.2
	195,001-200,000	62	1.4	1.7	95.9
	200,001-205,000	1	.0	.0	95.9
	205,001-210,000	6	.1	.2	96.1
	210,001-215,000	3	.1	.1	96.2
	215,001-220,000	13	.3	.4	96.5
	220,001-225,000	1	.0	.0	96.6
	225,001-230,000	3	.1	.1	96.6
	235,001-240,000	10	.2	.3	96.9
	240,001-245,000	2	.0	.1	97.0
	245,001-250,000	27	.6	.7	97.7
	250,001 +	82	1.8	2.3	100.0
	Total	3602	81.1	100.0	
Missing	System	840	18.9		
Total		4442	100.0		

**Table 4. The percentage and cumulative percentage of participants in each household income bracket in the 2010 NZAVS.**

**Ethnicity**

The NZAVS questionnaire asked participants to indicate their ethnicity using the 2006 census question, as displayed below in Figure 2.

The categories of ethnicity were not mutually exclusive and participants could select multiple ethnic groups if they wished. Ethnicity was coded using the statistical standard employed by the 2006 NZ Census.

**1. Which ethnic group do you belong to?**

Please tick  the box or boxes which apply to you.

- New Zealand European
- Māori
- Samoan
- Cook Island Māori
- Tongan
- Niuean
- Chinese
- Indian
- Other such as *DUTCH, JAPANESE, TOKELAUAN.*

Please state:

**Figure 2. The ethnicity identification question in the 2010 NZAVS questionnaire**

Table 5 presents the percentages for ethnicity based on priority coding. Ethnicity was priority coded in the following order: Māori, Pacific, Asian, Middle Eastern/Latin American/African (MELAA), European/Pākehā, New Zealander, Unreported/Other.

As shown in Table 5, according to this coding scheme, 75.4% of participants identified as being European or Pākehā, 15.5% identified as being Māori, 3.7% as Asian, 3.1% as Pacific, and 0.3% as Middle Eastern, Latin American or African. In addition, 45 participants (1.0%) identified as being a ‘New Zealander.’

In 2009, 70.9% of participants identified as European or Pākehā, 17.9% identified as Māori, 3.6% identified as Pacific, 4.6% as Asian and 0.5% as Middle Eastern, Latin American or African. In addition, 116 participants, 1.8% of the sample, identified as being a ‘New Zealander’.

**Ethnicity.Priority.7group.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Maori	690	15.5	15.5	15.5
Pacific	138	3.1	3.1	18.6
Asian	164	3.7	3.7	22.3
MELLA	15	.3	.3	22.7
European/Pakeha	3350	75.4	75.4	98.1
New Zealander	45	1.0	1.0	99.1
Unreported/Other	40	.9	.9	100.0
Total	4442	100.0	100.0	

**Table 5. The priority coded percentage of participants identifying with the ethnic groups of Maori, Pacific, Asian, Middle Eastern/Latin American/African, European/Pākehā, New Zealander and Unreported/Other in the 2010 sample of the NZAVS**

Table 6 below presents the non-priority coded percentages for ethnicity. As shown, 85.9% identified themselves as New Zealand European (including people who also selected another ethnic group), 15.5% as Māori, 3.6% as Pacific, 4.0% as Asian, and 3.0% as other.

In 2009, 81.9% of the sample identified themselves as New Zealand European (including people who also selected another ethnic group), 17.9% as Māori, 4.3% as Pacific, 4.9% as Asian, 0.5% as Middle Eastern, Latin American or African and 0.7% as other.

**EthL2.Euro.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	626	14.1	14.1	14.1
1	3816	85.9	85.9	100.0
Total	4442	100.0	100.0	

**EthL2.Maori.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	3752	84.5	84.5	84.5
1	690	15.5	15.5	100.0
Total	4442	100.0	100.0	

**EthL2.Pacific.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	4281	96.4	96.4	96.4
1	161	3.6	3.6	100.0
Total	4442	100.0	100.0	

**EthL2.Asian.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	4263	96.0	96.0	96.0
1	179	4.0	4.0	100.0
Total	4442	100.0	100.0	

**EthL2.AllOther.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 0	4309	97.0	97.0	97.0
1	133	3.0	3.0	100.0
Total	4442	100.0	100.0	

**Table 6. The percentage of participants by the ethnic groups of New Zealand European, Māori, Pacific, Asian, and Other in the 2010 sample of the NZAVS**

The results of the 2010 NZAVS sample are similar to the 2006 New Zealand Census data. However, the Census indicated a lesser amount of the population who identified themselves as NZ European (64.8%) and Māori (14%) than in the 2010 NZAVS sample. Alternatively, a greater amount of the overall population identified themselves as Pacific (6.6%) and Asian (8.8%) in the 2006 census than in the sample. The percentages of individuals with a Middle Eastern, Latin American or African ethnicity were similar for the NZAVS sample (0.3%) and the 2006 census (0.7%). Of the NZAVS sample 3.0% identified their ethnicity as other (collapsed with the 'Unreported' category), whereas the census data indicates 10.7% of overall population identified their ethnicity as Other. A large portion of this 'Other' category appearing in the census seemed to be people identifying their ethnicity as 'New Zealander.' We did not observe such a high self-selection as 'New Zealander' in the NZAVS.

### Religion

Religious affiliation was measured by asking participants if they identified with a religion or spiritual group and if so, to identify which religion or spiritual group. This question is displayed in Figure 3 below.

The image shows a screenshot of a questionnaire. Question 23a asks, "Do you identify with a religion and/or spiritual group?" and has two radio button options: "Yes" and "No". Question 23b asks, "If yes to 23a, then what religion/spiritual group?" and has a text input field with a horizontal line underneath it.

**Figure 3. Religious affiliation questions in the 2010 NZAVS questionnaire**

Table 7, on the following page, presents the percentage of the 2010 sample that identified with a religion or spiritual group. There were 45 different religions and spiritual groups identified in the sample. As shown, 10.0% of participants identified as Christian NFD (no further definition), 10.0% as Catholic, 8.9% as Anglican and 3.7% as Presbyterian. The largest percentage of the sample (56.0%) identified with no religion or spiritual group.

According to the 2006 census, 39.16% of the overall population identify with no religion (32.99%) or objected to answer the question (6.17%). This is less than the participants in the NZAVS sample who identified with no religion. The census also indicated that 6.3% of the population did not state their religion. In contrast, 0.9% of participants in the 2010 NZAVS sample did not name a religion or spiritual group if they had answered yes to the first religious affiliation question.

In 2009 there were 45 different religions and spiritual groups identified in the sample. 10.8% of participants identified as Christian NFD (no further definition), 9.4% as Catholic, 7.6% as Anglican and 3.3% as Presbyterian. The largest percentage of the 2009 sample (54.2%) identified with no religion or spiritual group.

		Religion.L4.Cats.T2			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Outside Scope	60	1.4	1.4	1.4
	Unreported	40	.9	.9	2.3
	No Religion	2438	54.9	56.0	58.3
	Anglican	386	8.7	8.9	67.1
	Apostolic	5	.1	.1	67.2
	Assemblies of God	4	.1	.1	67.3
	Baha'i	4	.1	.1	67.4
	Baptist	48	1.1	1.1	68.5
	Born Again	9	.2	.2	68.7
	Brethren	12	.3	.3	69.0
	Buddhist	28	.6	.6	69.7
	Catholic	435	9.8	10.0	79.6
	Christian Other	11	.2	.3	79.9
	Christian NFD	435	9.8	10.0	89.9
	Congregationist	2	.0	.0	89.9
	Destiny Church	1	.0	.0	89.9
	Evan/BA/Fund	7	.2	.2	90.1
	Freemason	1	.0	.0	90.1
	Hindu	17	.4	.4	90.5
	Jehova's Witness	19	.4	.4	91.0
	Jewish	2	.0	.0	91.0
	Lutheran	5	.1	.1	91.1
	Maori Other Religion	7	.2	.2	91.3
	Methodist	47	1.1	1.1	92.4
	Mormon	35	.8	.8	93.2
	Muslim	5	.1	.1	93.3
	New Age	1	.0	.0	93.3
	New Life	4	.1	.1	93.4
	Orthodox	5	.1	.1	93.5
	Other Religion	7	.2	.2	93.7
	Pagan	5	.1	.1	93.8
	Pentecostal	29	.7	.7	94.4
	Presbyterian	159	3.6	3.7	98.1
	Quaker	3	.1	.1	98.2
	Ratana	22	.5	.5	98.7
	Reformed	3	.1	.1	98.7
	Ringatu	3	.1	.1	98.8
	Salvation Army	18	.4	.4	99.2
	Seventh Day Adventist	11	.2	.3	99.5
	Sikh	2	.0	.0	99.5
Spiritual	18	.4	.4	99.9	
Union	1	.0	.0	100.0	
Wicca	2	.0	.0	100.0	
	Total	4356	98.1	100.0	
Missing	System	86	1.9		
	Total	4442	100.0		

**Table 7. The percentage of participants of the NZAVS 2010 sample who identified with each religious or spiritual group or no religious group**

## Employment Status

Employment status was measured through multiple questions. Firstly, participants were asked what their current employment situation was. This is shown in Figure 4 below.

<b>8a. What is your current employment situation?</b>  If you are currently employed ↓	<input type="checkbox"/> Employed full-time
	<input type="checkbox"/> Employed part-time
	<input type="checkbox"/> Self-employed
	<input type="checkbox"/> Own your own business
	<input type="checkbox"/> Studying full-time
	<input type="checkbox"/> Unemployed, but want work
	<input type="checkbox"/> Unemployed, don't want work
	<input type="checkbox"/> Other _____

**Figure 4. Current employment situation question in the 2010 NZAVS questionnaire**

Table 8 presents the percentage of participants in each employment situation. As shown, 39.3% of participants were currently in full time employment and 16.2% were in part time employment. Overall 13% of participants worked for themselves, either being self-employed (9.6%) or owning their own business (3.4%). 2.2% of participants were studying full time and 22.9% of participants had an 'Other' employment situation such as stay-at-home mother, retirement or seasonal work. Only 6.3% of participants were unemployed, and 2.4% of these reported that they did not want work.

In 2009 40% of participants were currently in full time employment while 14.9% were in part time employment. 14.1% of participants worked for themselves, either being self-employed (9%) or owning their own business (5.1%). 3.8% of participants were studying full time and 20.2% of participants had an 'Other' employment situation such as stay at home mother, retirement or seasonal work. Only 7% of participants were unemployed, 2% of these reported that they did not want work.

**Emp.Employment.T2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Employed full-time	1700	38.3	39.3	39.3
	Employed part-time	702	15.8	16.2	55.6
	Self-employed	413	9.3	9.6	65.1
	Own your own business	147	3.3	3.4	68.5
	Studying full-time	95	2.1	2.2	70.7
	Unemployed, but want work	170	3.8	3.9	74.7
	Unemployed, dont want work	105	2.4	2.4	77.1
	Other	990	22.3	22.9	100.0
	Total	4322	97.3	100.0	
Missing	System	120	2.7		
Total		4442	100.0		

**Table 8. The percentage of participants in the 2010 NZAVS sample in each employment situation**

Participants were also asked if they or the principal earner in their household had been out of work at any time in the last year. This question is displayed in Figure 5 below.

**17. Have you or the principal earner in your household been out-of-work at any time in the last year?**  Yes  No

**Figure 5. The individual and principle household income earner unemployment question in the 2010 NZAVS questionnaire**

Table 9 presents the results from this question. As shown, 23.8% of participants reported that they or the principal earner of their household had been out of work in the last year.

**LostJob.T2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	971	21.9	23.8	23.8
	No	3105	69.9	76.2	100.0
	Total	4076	91.8	100.0	
Missing	System	366	8.2		
Total		4442	100.0		

**Table 9. The percentage of participants in the 2010 NZAVS sample who had themselves or a principal earner in the household been out of work in the last year**

The third measurement of employment was a measure of perceived job security. This was measured by asking participants to rate their perceived job security on a scale of 1 (not secure) to 7 (very secure). This question is displayed in Figure 6 below.

**8d. How secure do you feel in your current job?**  
*Not secure* 1 2 3 4 5 6 7 *Very secure*

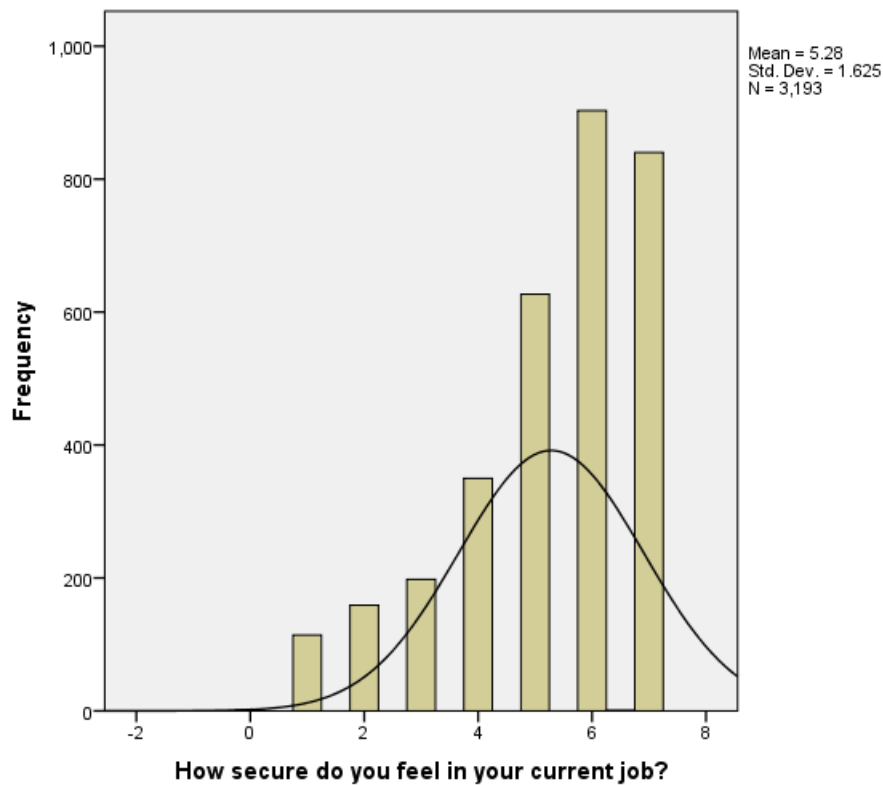
**Figure 6. The job security question in the 2010 NZAVS questionnaire**

Table 10 presents the mean job security. As measured on a scale of 1 to 7, the mean perceived job security was 5.46. This indicated that, on average, participants felt moderately secure in their job. This can be seen in Graph 2 shown below.

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
JobSecure	3929	1	7	5.46	1.525
Valid N (listwise)	3929				

**Table 10. The mean job security for employed participants in the 2010 NZAVS sample**



**Graph 2. The distribution of perceived job security for employed participants in the 2010 NZAVS sample**

### Country of Birth

Another interesting demographic measured in the 2010 sample of the NZAVS was participants' country of birth. Table 11 presents the frequency of participants born in 64 different countries.

As shown, 81.1% of participants were born in New Zealand. The United Kingdom was the second most common place of birth with 7.7% of participants being born in the UK. Australia was the third most common place of birth with 1.8% of participants being born in Australia. The fourth most common place of birth was South Africa with 1% of participants.

1.8% of participants were born in the Pacific Island countries of the Cook Islands (0.2%), Fiji (0.5%), Niue (0.1%), Samoa (0.6%), Western Samoa (0.1%) and Tonga (0.3%).

9.1% of participants were born in European countries such as France (0.1%), Germany (0.3%), Ireland (0.1%), Netherlands (0.8%), Switzerland (0.1%) and the United Kingdom (7.7%).

2.3% of people were born in Asian countries, such as China (0.7%), Indonesia (0.1%), Japan (0.1%), Korea (0.1%), Malaysia (0.4%), People's Republic of China (0.1%), Philippines (0.4%), Singapore (0.2%), Taiwan (0.1%) and Thailand (0.1%).

		BornCode.T2			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Afganistan	2	.0	.0	.0
	Argentina	1	.0	.0	.1
	Australia	76	1.7	1.8	1.8
	Austria	2	.0	.0	1.9
	Brazil	1	.0	.0	1.9
	Bulgaria	1	.0	.0	1.9
	Canada	20	.5	.5	2.4
	Channel Islands	1	.0	.0	2.4
	China	30	.7	.7	3.1
	Cook Islands	8	.2	.2	3.3
	Croatia	1	.0	.0	3.3
	Cyprus	1	.0	.0	3.4
	Denmark	2	.0	.0	3.4
	Ecuador	1	.0	.0	3.4
	Fiji	22	.5	.5	3.9
	France	6	.1	.1	4.1
	Germany	14	.3	.3	4.4
	India	17	.4	.4	4.8
	Indonesia	4	.1	.1	4.9
	Iran	3	.1	.1	5.0
	Ireland	6	.1	.1	5.1
	Isle of Man	1	.0	.0	5.1
	Japan	3	.1	.1	5.2
	Kenya	3	.1	.1	5.3
	Korea	5	.1	.1	5.4
	Latvia	1	.0	.0	5.4
	Lebanon	1	.0	.0	5.4
	Macedonia	1	.0	.0	5.5
	Malaysia	17	.4	.4	5.9
	Malta	2	.0	.0	5.9
	Mauritius	1	.0	.0	5.9
	Mexico	1	.0	.0	5.9
	Netherlands	33	.7	.8	6.7
	New Zealand	3475	78.2	81.1	87.8
	Niue	6	.1	.1	87.9
	P.R.China	5	.1	.1	88.1
	Papua New Guinea	2	.0	.0	88.1
	Philippines	18	.4	.4	88.5
	Romania	6	.1	.1	88.7
	South Korea	3	.1	.1	88.7
	South Africa	41	.9	1.0	89.7
	Samoa	26	.6	.6	90.3
Singapore	9	.2	.2	90.5	
Solomon Islands	1	.0	.0	90.5	
Sri Lanka	4	.1	.1	90.6	
Sweden	1	.0	.0	90.6	
Switzerland	6	.1	.1	90.8	
Taiwan	4	.1	.1	90.9	
Tanzania	1	.0	.0	90.9	
Thailand	3	.1	.1	91.0	
Tonga	13	.3	.3	91.3	
Tunisia	1	.0	.0	91.3	
Turkey	1	.0	.0	91.3	
Tuvalu	1	.0	.0	91.3	
United Kingdom	330	7.4	7.7	99.0	
U.S.A.	20	.5	.5	99.5	
Uganda	1	.0	.0	99.5	
United Arab Emirates	1	.0	.0	99.6	
Uruguay	1	.0	.0	99.6	
Vanuatu	2	.0	.0	99.6	
Vietnam	1	.0	.0	99.7	
West Samoa	5	.1	.1	99.8	
Zambia	4	.1	.1	99.9	
Zimbabwe	6	.1	.1	100.0	
Total	4286	96.5	100.0		
Missing	System	156	3.5		
Total		4442	100.0		

**Table 11. The percentage of participants born in each country in the 2011 NZAVS sample**

In 2009, 79.2% of participants stated New Zealand as their place of birth. The United Kingdom was the second most common birthplace with 7.7%, Australia third with 1.8%, and the fourth most common birthplaces were China and South Africa with 1.1% of participants being born there.

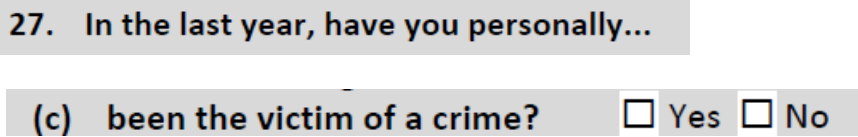
The 2009 sample had 2.6% of participants born in the Pacific Island countries of the Cook Islands (0.3%), Fiji (0.6%), Niue (0.2%), Papa New Guinea (0.1%), Samoa (0.9%), Western Samoa (0.2) and Tonga (0.3%).

9.3% of participants were born in European countries such as Austria (0.1%), France (0.2%), Germany (0.3%), Ireland (0.2%), Netherlands (0.7), Switzerland (0.1%) and the United Kingdom (7.7%).

3% of people were born in Asian countries, such as China (1.1%) Indonesia (0.1%), Japan (0.1%), Korea (0.2%), Malaysia (0.5%), People’s Republic of China (0.1%), Philippines (0.4%), Singapore (0.2%), Taiwan (0.2%) and Thailand (0.1%).

**Experience of crime in the last year**

The NZAVS measured the percentage of participants who had reported being the victim of crime in the last year. This question is displayed in Figure 7 below.



**Figure 7. The victim of crime question from the 2010 NZAVS questionnaire**

Table 12 presents the percentages of participants from the sample who had personally been the victim of a crime in the last year. 15% of participants said that they were personally a victim of a crime in 2010. In 2009, 13.8 % of participants said they had been a victim of a crime.

**VictimCrime.T2**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	659	14.8	15.0	15.0
No	3723	83.8	85.0	100.0
Total	4382	98.6	100.0	
Missing System	60	1.4		
Total	4442	100.0		

**Table 12. The percentage of participants of the 2010 NZAVS sample who said they had been the victim of a crime in the last year.**

## Romantic relationships

The NZAVS measured the romantic relationship status of participants. This question is displayed in Figure 8 below.

**6a. What is your relationship status?**

If you are in a relationship ↓

Single  
 Dating  
 Living together/De facto  
 Married  
 Other \_\_\_\_\_  
 (if other please specify)

**Figure 8. The relationship status question in the 2010 NZAVS questionnaire**

Table 13 presents the percentage of participants in different types of relationships. More than half of participants were married (58.9%), 13% were living together or de facto (not married), and 4% were dating. 16.6% percent of participants were single and 7.5% had an 'Other' relationship status such as widowed, separated or divorced.

In 2009 54.9% of participants were married, 14.9% lived together or were de facto (not married), and 5.1% were dating. Roughly 1/5 of participants were single (17.8%) and 7.3% had an 'Other' relationship status.

**Rel.Stat.T2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Single	728	16.4	16.6	16.6
	Dating	177	4.0	4.0	20.6
	Living together/de facto	571	12.9	13.0	33.6
	Married	2585	58.2	58.9	92.5
	Other	330	7.4	7.5	100.0
	Total	4391	98.9	100.0	
Missing	System	51	1.1		
Total		4442	100.0		

**Table 13. The percentage of participants of the 2010 NZAVS sample who are Single, Dating, Living together/De facto, Married or in an 'Other' relationship.**

## Parental characteristics

The NZAVS 2010 questionnaire measured parental status by asking how many children participant's had given birth to, fathered or adopted and how many children lived with the participant for most of the time. These questions are displayed below in Figure 9.

**16a. How many children have you given birth to, fathered, or adopted?**

(if none, please enter '0' and go to q. 17)

**16b. How many of your children live with you most of the time?**

**Figure 9. The parental characteristic questions in the 2010 NZAVS questionnaire**

Table 14 presents the mean number of children given birth to, fathered, or adopted by and living with participants from the 2010 sample. As shown, the mean number of children given birth to, fathered or adopted by participants was 2.13. The maximum number of children by one participant was 15, the minimum was 0. Also shown in Table 14 is the mean number of children living with the participants, which was 0.94. The maximum number of children living with a participant was 11.

In 2009 the mean number of children given birth to, fathered, or adopted was 2.68 per participant, with the minimum being 0 and the maximum being 17. Additionally, in 2009 the mean number of children living with a participant was 1.04, with the minimum being 0 and the maximum 13

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
ChildrenNum.T2	4358	0	15	2.13	1.655
ChildrenHome.T2	3468	0	11	.94	1.165
Valid N (listwise)	3458				

**Table 14. The mean number of children given birth to, fathered, or adopted by a participant and the mean number of children living with a participant for most of the time in the 2010 NZAVS sample**

## Donations to charity

The NZAVS asked how much money participants had given to a charity in 2010. The question used in the survey to measure this is displayed below in Figure 10.

9. How much money have you  
donated to charity in the last year? \$ \_\_\_\_\_

**Figure 10. The charity donation amount question in the 2010 NZAVS questionnaire**

Table 15 presents the results for the minimum, maximum and mean amount of money given to charity by participants in the 2010 NZAVS survey. As shown, the mean amount of money donated to charity by each participant was \$858.13. The minimum amount donated was \$0, and the maximum was \$300,000.

In the 2009 survey the mean amount of money donated to charity was \$573.49 per participant, with the maximum amount being \$50,000, and the minimum \$0.

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
CharityDonate.T2	3828	0	300000	858.13	6374.113
Valid N (listwise)	3828				

**Table 15. The minimum, maximum and mean amount of money given to charity by a participant in the 2010 NZAVS sample.**

## Distribution of regional deprivation across Meshblock area units

### Comparison of Deprivation across Meshblock Area Units

These graphs compare the distribution of mesh block area units with different levels of deprivation based on the 2006 census (Fig 1a) with the distribution of mesh blocks sampled in the NZAVS-2009 and the NZAVS-2010. Informal comparison of Figure 1a, 1b and 1c indicate that the NZAVS-10 sampled a range of Meshblocks that were distributed similarly in terms of level of deprivation to those in the population as a whole.

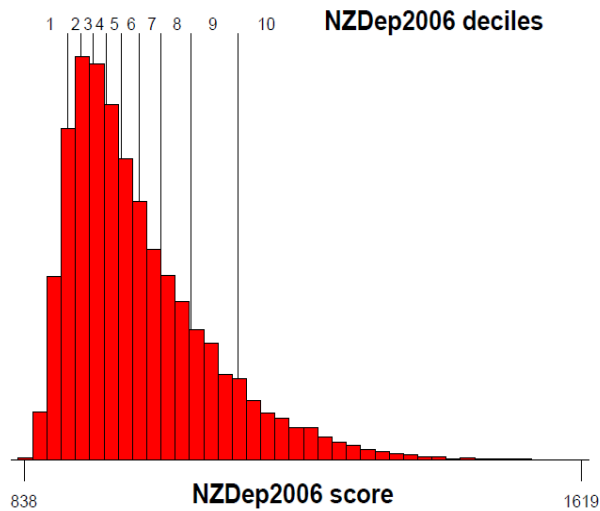


Figure 1a. Distribution of variation in NZDep2006 scores from 2006 census data. As reported in Salmond, Crampton, and Atkinson (2007, Figure 1, page 32).

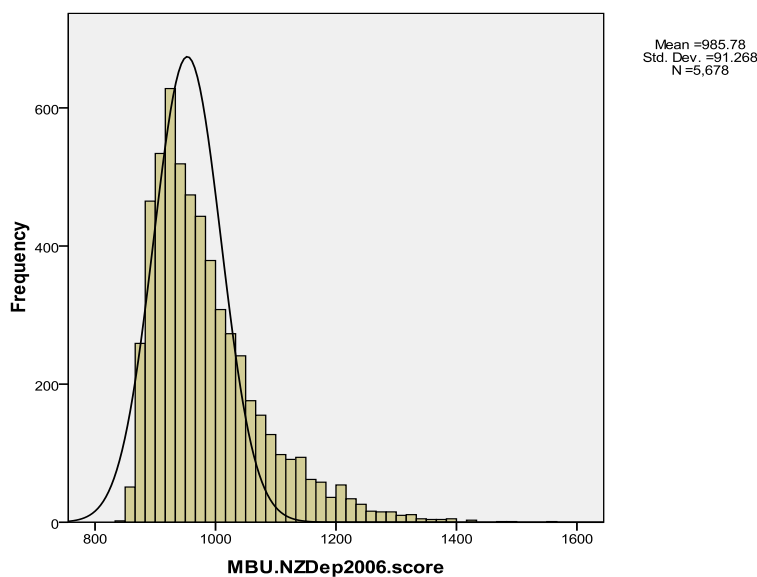


Figure 1b. Distribution of variation in NZDep2006 scores from 2006 census data for the meshblock units in which participants sampled in the NZAVS 2009 resided.

Informal comparison between the NZAVS-09 and NZAVS-10 sample shows a similar distribution of deprivation scores, but notably the overall amount of participants for the 2010 sample was lower than for the 2009 wave.

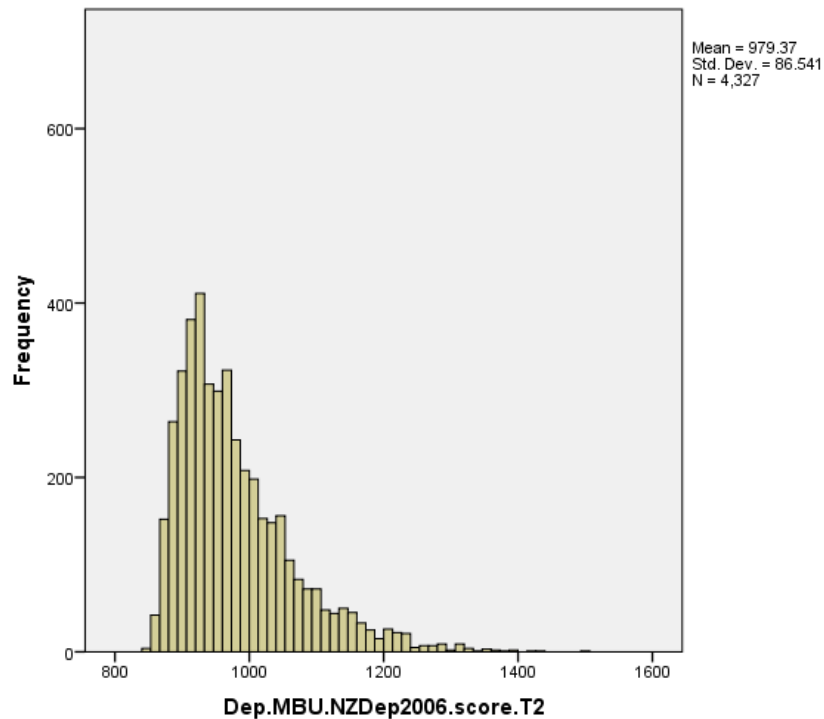


Figure 1c. Distribution of variation in NZDep2006 scores from 2006 census data for the meshblock units in which participants sampled in the NZAVS 2010 resided.

## Appendix A: Sample Weighting

This appendix provides a breakdown of the weighting procedure used in the NZAVS.

Note that because this document provides an overview of the sample itself, all data reported in this document were based on unweighted estimates, and thus reflect actual sample frequencies and means.

The NZAVS applies a weighting correction based on gender and ethnicity.

Population estimates used to calculate weights were based on census data for people 15 years of age and over.

Weights for gender were derived as follows, where:

Sample weight = population proportion / sample proportion

	Population proportion		Sample proportion (in NZAVS)		Sample Weight	
	Men	Women	Men	Women	Men	Women
Gender	0.4878	0.5122	0.387	0.613	1.260465	0.835563

Weights for ethnicity were based on estimates of (non-mutually exclusive membership) in the following four ethnic group categories: New Zealand European or Other, Māori, Pacific Nations, and Asian. Note that the 'Other' category, representing all people who identified with an ethnicity other than Māori, Pacific Nations, Asian or European was collapsed with the 'New Zealand European' category for the purposes of post-stratification weighting.

Weights for ethnicity were derived as follows, where:

Sample weight = population proportion / sample proportion

For self-reported membership (yes/no) in each of the four ethnic group categories

	Population proportion		Sample proportion (in NZAVS)		Sample Weight	
	Yes	No	Yes	No	Yes	No
New Zealand European and 'Other' (NZE & O)	0.753539	0.246461	0.889	0.111	0.847626	2.220367
Māori	0.140352	0.859648	0.155	0.845	0.905495	1.017335
Pacific Nations	0.066032	0.933968	0.036	0.964	1.834226	0.968846
Asian	0.088023	0.911977	0.04	0.96	2.200575	0.949976

Weights were then assigned to each participant based on membership in each of the following five categories:

- Gender (male, female)
- NZE & O (yes, no)
- Māori (yes, no)
- Pacific Nations (yes, no)
- Asian (yes, no)

The final sample weight was calculated by multiplying weights for each of these categories, as follows:

$$\text{Sample weight} = W_{(\text{Gender})} * W_{(\text{NZE \& O})} * W_{(\text{Māori})} * W_{(\text{Pacific Nations})} * W_{(\text{Asian})}$$

A constant was then added to the sample weight so that mean weight = 1.00

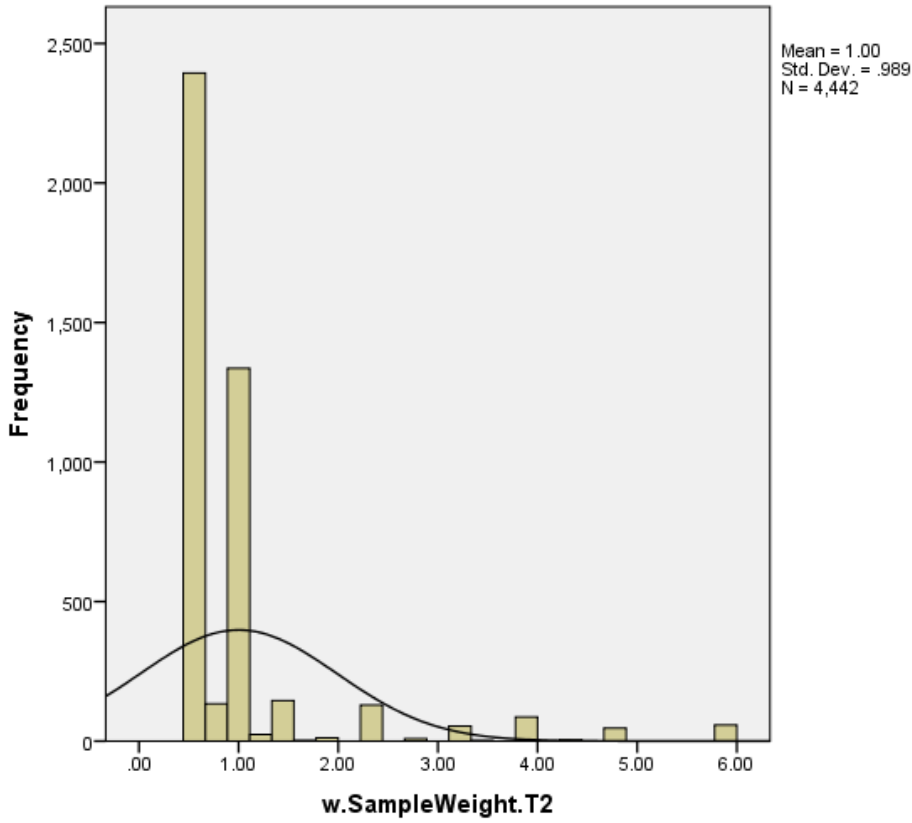
The range of sample weights is provided in Table 1 below.

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
w.SampleWeight.T2	4442	.51	11.41	1.0002	.98874
Valid N (listwise)	4442				

**Table 1. The range of sample weights for the NZAVS 2010**

The distribution of sample weights is shown in the figure and corresponding table:



Frequency	Sample Weight
400	0.5326
2857	0.7213
228	0.7506
20	0.8552
271	1.0045
1957	1.0124
2	1.0238
23	1.1521
5	1.1983
12	1.3773
211	1.4055
1	1.4323
13	1.5978
13	1.6103
1	1.6282
5	1.9079
8	1.9228
92	2.1438
1	2.1844
8	2.2288
164	2.5579
97	2.9864
1	3.0193
1	3.0426
120	3.561
3	4.0421

## Appendix B: Number of People Sampled in Each 2006 Census Area Unit

This appendix provides tabulated information on the number of people sampled in the NZAVS 2010 who resided in each Census Area Unit (or CAU). Area units were defined using the Statistics New Zealand 2006 Census Area Unit definitions. Note that this table includes information from the 4332 people for whom address information was available.

2006 Census Area Unit Code	Census Area Unit Name	Number Sampled	2006 Census Area Unit Code	Census Area Unit Name	Number Sampled
500202	Karikari Peninsula-Maungataniwha	6	504501	Kaipara Coastal	2
500204	Herekino	6	504502	Maungaru	5
500205	Ahipara	1	504600	Dargaville	5
500207	Houhora	1	504700	Maungaturoto	2
500208	Motutangi-Kareponia	3	504800	Ruawai	3
500301	Kaitaia West	5	505010	Rehia-Oneriri	9
500302	Kaitaia East	1	505021	Mangawhai	1
500401	Kaeo	1	505022	Mangawhai Heads	1
500402	Mangapa-Matauri Bay	3	505300	Wellsford	2
500801	Hokianga North	2	505400	Leigh	1
500802	Hokianga South	3	505500	Warkworth	4
500900	Kerikeri	10	505804	Hatfields Beach	2
501000	Russell	1	505805	Orewa	10
501100	Paihia	3	505902	Manly	6
501300	Opuā East	1	505904	Army Bay	3
501500	Moerewa	3	505906	Vipond	2
501612	Opuā West	2	505907	Stanmore Bay West	5
501614	Kapiro	3	505909	Wade Heads	2
501615	Waitangi	1	505910	Gulf Harbour	3
501620	Pokere-Waihaha	3	506000	Silverdale South	7
501633	Waihou Valley-Hupara	5	506300	Dairy Flat-Redvale	1
501700	Kaikohe	2	506400	Paremoremo West	1
501802	Opouteke-Tanekaha	1	506613	Tauhoa-Puhoi	6
501806	Marsden Point-Ruakaka	4	506614	Tahekeroa	5
501807	Ngunguru	3	506615	Cape Rodney	9
501809	Wharekohe-Oakleigh	6	506616	Matheson Bay	1
501811	Waiotira-Springfield	3	506631	Snells Beach	6
501814	Punaruā-Kiripaka	5	506641	Parakai	2
501816	Waipu	1	506642	South Head	1
501817	Pataua-Whareora	3	506643	Kaukapakapa	4
501818	Parua Bay	6	506651	Muriwai Beach	2
501819	Bream Head	4	506652	Rewiti	2
502003	Te Hihi	1	506800	Helensville	1
502004	Abbey Caves	1	506901	Awaruku	10
502005	Otaika-Portland	1	506902	Glamorgan	3
502101	Kamo West	7	506903	Torbay	3
502102	Kamo East	5	507000	Waiake	5
502201	Tikipunga West	2	507101	Browns Bay	2
502202	Tikipunga East	3	507102	Oaktree	2
502300	Whāu Valley	2	507200	Rothesay Bay	4
502400	Otagareī	1	507300	Murrays Bay	4
502600	Kensington	1	507400	Mairangi Bay	2
502700	Mairtown	1	507500	Campbells Bay	3
502800	Regent	2	507710	Castor Bay	8
503000	Vinetown	2	507720	Crown Hill	4
503100	Whangarei Central	1	507800	Lake Pupuke	7
503300	Horahora	1	507900	Westlake	2
503400	Maunu	2	508010	Takapuna Central	1
503600	Morningside	3	508020	Hauraki	2
503700	Parahaki	1	508110	Seacliffe	4
503800	Raumanga West	2	508120	Bayswater	3
504000	Sherwood Rise	1	508210	Kaipatiki	1
504100	Onerahi	6	508220	Windy Ridge	4

508310	Glenfield Central	3	513211	Urlich	2
508320	Glenfield North	4	513212	Starling Park	2
508411	Glendhu	5	513213	Ranui Domain	2
508412	Witheford	2	513214	Ranui South	3
508420	Target Road	8	513220	Sturges North	7
508510	Forrest Hill	5	513301	Kingdale	4
508520	Sunnynook	5	513302	Fairdene	4
508610	Monarch Park	5	513430	Hobsonville	5
508620	Sunnybrae	2	513511	Westgate	1
508701	Albany	1	513512	Royal Road West	2
508703	Fairview	2	513521	West Harbour	6
508704	Northcross	4	513522	Lucken Point	4
508803	Unsworth Heights	5	513530	Royal Heights	7
508804	Pinehill	3	513620	Birdwood	1
508805	Windsor Park	1	513631	Waimumu North	3
508806	North Harbour West	3	513632	Waimumu South	2
508807	North Harbour East	1	513702	Waitakere	1
508900	Long Bay	2	513800	Karekare	3
509000	Paremoremo East	4	514000	Freemans Bay	4
509100	Greenhithe	7	514101	Auckland Harbourside	1
509400	Mt Victoria	7	514102	Auckland Central West	5
509500	Stanley Bay	3	514103	Auckland Central East	1
509701	Ocean View	7	514200	Newton	1
509702	Tuff Crater	7	514401	Roberton	3
509800	Northcote South	4	514402	Glenavon	3
510010	Beachhaven North	4	514500	New Windsor	3
510020	Beachhaven South	1	514600	Avondale South	2
510210	Birkdale North	1	514700	Blockhouse Bay	6
510220	Birkdale South	3	514801	Rosebank	2
510401	Kauri Park	2	514802	Avondale West	2
510402	Chelsea	3	514900	Waterview	2
510500	Birkenhead East	1	515001	Point Chevalier West	3
510700	Henderson North	4	515002	Point Chevalier East	5
510800	Henderson South	1	515003	Point Chevalier South	2
511001	Tangutu	2	515100	Westmere	2
511002	Woodglen	3	515202	St Marys	7
511100	Glen Eden East	10	515301	Ponsonby West	8
511301	New Lynn North	2	515302	Ponsonby East	2
511302	New Lynn South	1	515410	Grey Lynn West	1
511401	Fruitvale	3	515420	Grey Lynn East	3
511601	Glendene North	4	515431	Surrey Crescent	1
511602	Glendene South	3	515500	Arch Hill	1
511700	Kelston Central	1	515700	Epsom North	1
511800	Sunnyvale	3	515801	Epsom Central	1
511901	Kaurilands	1	515802	Epsom South	6
511902	Crum Park	3	515901	Parnell East	2
512000	Titirangi South	2	515902	Parnell West	2
512100	Green Bay	7	516001	Mt Hobson	2
512201	Matipo	2	516002	Remuera South	4
512202	Durham Green	3	516003	Abbotts Park	5
512300	Te Atatu Central	5	516101	Remuera West	6
512401	Edmonton	3	516201	Orakei South	3
512402	Wakeling	1	516202	Waiata	3
512500	Mcleod	3	516301	Meadowbank North	7
512600	Konini	4	516302	Meadowbank South	2
512700	Waima	3	516400	Orakei North	5
512801	Laingholm	2	516500	Mission Bay	3
512901	Parrs Park	3	516601	Kohimarama West	3
512902	Otimai	5	516602	Kohimarama East	5
513011	Henderson West	1	516700	St Heliers	3
513012	Palm Heights	1	516800	Glendowie	3
513013	McLaren Park	1	516900	Glen Innes North	9
513020	Opanuku	1	517001	Glen Innes West	5

517002	Glen Innes East	1	521602	Howick Central	13
517100	Point England	3	521802	Fairburn	3
517200	St Johns	5	521803	Otahuhu East	1
517400	Newmarket	5	521901	Otahuhu West	1
517500	Kingsland	7	522100	Papatoetoe West	7
517600	St Lukes	6	522201	Papatoetoe North	5
517701	Sandringham North	3	522202	Papatoetoe Central	7
517702	Sandringham West	7	522301	Dingwall	3
517703	Sandringham East	5	522302	Papatoetoe East	4
517800	Mt Albert Central	6	522400	Puhinui	6
517901	Springleigh	4	522601	Bucklands and Eastern Beaches	7
517902	Owairaka West	2	522603	Bleakhouse	6
517903	Owairaka East	5	522604	Bucklands Beach South	4
518101	Mt Eden North	3	522711	Pigeon Mountain North	2
518102	Sherbourne	4	522712	Murvale	7
518201	Balmoral	9	522721	Pigeon Mountain South	2
518202	Mt Eden East	1	522722	Aberfeldy	10
518301	Maungawhau	2	522723	Elsmore Park	3
518302	Mt Eden South	4	522730	Half Moon Bay	11
518500	Three Kings	7	522810	Pakuranga North	5
518600	Royal Oak	4	522820	Sunnyhills	7
518701	Hillsborough West	5	522910	Pakuranga Central	7
518702	Hillsborough East	1	522920	Edgewater	2
518801	Walmsley	3	523000	Pakuranga East	3
518803	Akarana	4	523101	Botany Downs	7
518901	Lynfield North	2	523102	Maungamaungaroa	5
518902	Lynfield South	5	523105	Golfland	6
519001	Waikowhai West	3	523106	Millhouse	10
519002	Waikowhai East	6	523107	Burswood	2
519200	Mt St John	2	523108	East Tamaki	6
519300	One Tree Hill Central	2	523109	Dannemora	8
519400	One Tree Hill East	9	523110	Kilkenny	1
519710	Onehunga North West	4	523111	Point View	13
519720	Onehunga North East	7	523201	Shelly Park	5
519810	Onehunga South West	3	523202	Turanga	6
519820	Onehunga South East	2	523300	Beachlands-Maraetai	15
519900	Oranga	4	523402	Otara West	2
520000	Te Papapa	2	523501	Otara North	1
520201	Ellerslie North	9	523502	Otara East	2
520202	Ellerslie South	1	523601	Otara South	2
520300	Mt Wellington North	6	523711	Flat Bush	2
520401	Ferndale	2	523712	Donegal Park	2
520402	Hamlin	2	523721	Clover Park	3
520500	Mt Wellington South	6	523722	Redoubt North	5
520601	Tamaki	5	523814	Totara Heights	5
520602	Panmure Basin	5	523815	Wairere	2
520801	Waiheke Island	10	523816	Randwick Park	2
521112	Eden Road-Hill Top	1	523817	Hyperion	4
521113	Buckland	1	523820	Redoubt South	8
521121	Patumahoe	2	523911	Takanini North	5
521122	Kingseat	6	523912	Takanini South	1
521131	Pokeno	2	523920	Takanini West	8
521132	Hunua	8	524001	Ambury	11
521133	Mangatawhiri	3	524002	Mangere Bridge	5
521151	Awhitu	5	524111	Mangere Central	2
521152	Glenbrook	3	524112	Mascot	1
521153	Otaua	2	524122	Viscount	3
521201	Hingaia	1	524200	Mangere South	3
521203	Bremner	1	524301	Mangere East	7
521301	Drury	2	524302	Aorere	3
521501	Mellons Bay	2	524303	Kohuora	8
521502	Cockle Bay	13	524403	Favona West	1
521601	Howick West	3	524404	Favona North	1

524510	Harania North	2	527914	Ngahinapouri	1
524520	Harania West	3	527923	Pokuru	1
524530	Harania East	3	527934	Rotoorang	3
524601	Manukau Central	2	527935	Te Rahu	1
524602	Wiri	2	528000	Rotongata	1
524711	Burbank	2	528200	Ngaruawahia	4
524712	Homai West	1	528310	Bryant	5
524713	Rowandale	1	528320	Pukete	3
524720	Homai East	7	528402	Pukete West	1
524811	Weymouth West	3	528403	Te Rapa	1
524812	Weymouth East	3	528501	Nawton	4
524822	Clendon South	4	528503	Crawshaw	1
524901	Hillpark	8	528504	Grandview	1
524902	Manurewa East	1	528505	Brymer	1
525001	Manurewa Central	1	528601	Dinsdale North	4
525002	Beaumont	4	528700	Beerescourt	3
525101	Leabank	4	528800	Maeroa	4
525102	Wattle Farm	12	529000	Swarbrick	2
525201	Clevedon	6	529100	Hamilton Lake	2
525202	Kawakawa-Orere	1	529200	Melville	5
525410	Papakura Central	1	529300	Glenview	6
525420	Papakura North	4	529401	Queenwood	4
525520	Opaheke	3	529402	Chedworth	5
525530	Rosehill	2	529501	Porritt	1
525540	Pahurehure	4	529502	Insoll	1
525610	Papakura East	5	529503	Fairview Downs	3
525620	Massey Park	2	529600	Chartwell	3
525630	Papakura North East	3	529700	Hamilton Central	3
525700	Red Hill	1	529900	Claudlands	2
525910	Pukekohe North	3	530000	Enderley	5
525921	Pukekohe West	7	530100	Peachgrove	3
525922	Bledisloe Park	1	530200	Hamilton East	7
526101	Waiuku	7	530300	Naylor	6
526102	South Waiuku	3	530400	Bader	3
526200	Tuakau	4	530500	University	3
526500	Raglan	1	530600	Silverdale	1
526601	Waikato Western Hills	3	530700	Hillcrest West	3
526701	Onewhero	2	530800	Riverlea	6
526702	Te Akau	1	531001	Te Awamutu West	2
526900	Te Kauwhata	2	531002	Te Awamutu Central	5
527004	Matangi	3	531003	Te Awamutu East	2
527005	Sylvester	1	531004	Te Awamutu South	4
527006	Flagstaff	8	531200	Otorohanga	2
527007	Horsham Downs	5	531301	Otorohanga Rural West	1
527008	Rototuna	2	531303	Te Kawa	1
527009	Huntington	5	531304	Otorohanga Rural East	2
527111	Whitikahu	1	531720	Marokopa	3
527121	Eureka	2	532000	Te Kuiti	4
527122	Gordonton	2	532300	Owhango	1
527123	Kainui	5	532501	Ngapuke	2
527131	Tamahere-Tauwhare	6	532901	Tarrangower	1
527132	Hautapu	2	532902	Taumarunui Central	1
527210	Waerenga	3	532903	Sunshine-Hospital Hill	2
527221	Maramarua	4	532904	Manunui	1
527402	Huntly East	2	533000	Whitianga	4
527501	Cambridge North	3	533100	Coromandel	2
527502	Cambridge West	4	533200	Te Rerenga	4
527503	Cambridge Central	1	533300	Whangamata	3
527504	Leamington West	4	533400	Tairua	2
527505	Leamington East	1	533501	Moanataiari	4
527600	Ohaupo	1	533502	Parawai	8
527820	Temple View	1	533602	Pauanui Beach	2
527913	Whatawhata	3	533603	Hikuai	4

533604	Te Puru-Thornton Bay	3	537602	Pyes Pa	6
533901	Hauraki Plains	1	537700	Yatton Park	2
533902	Turua	3	537800	Poike	1
534100	Waihi Beach	2	537900	Hairini	7
534200	Ohinemuri	6	538000	Maungatapu	3
534300	Paeroa	5	538101	Tauranga Hospital	1
534400	Waihi	7	538102	Tauranga South	5
534500	Tahuroa	1	538201	Tauranga Central	1
534603	Springdale	4	538302	Welcome Bay West	4
534604	Waihou-Walton	2	538303	Welcome Bay East	3
534800	Te Aroha	5	538501	Te Puke West	3
534901	Morrinsville West	3	538502	Te Puke East	1
534902	Morrinsville East	4	538601	Ngongotaha North	4
535100	Tirau	2	538602	Ngongotaha South	4
535212	Kinleith	1	538732	Lynmore	5
535220	Okauia	4	538741	Owhata West	3
535231	Te Poi	2	538811	Hamurana	2
535241	Karapiro	2	538841	Golden Springs	2
535242	Hinuera	1	538842	Reporoa	1
535250	Arapuni	2	538850	Ngakuru	1
535261	Lichfield	1	538864	Mamaku	1
535310	Paraonui	3	539000	Selwyn Heights	2
535330	Matarawa	2	539100	Western Heights	5
535340	Stanley Park	1	539200	Fairy Springs	2
535360	Aotea	2	539320	Pukehangi South	2
535501	Matamata North	2	539400	Mangakakahi	3
535502	Matamata South	4	539500	Sunnybrook	1
535600	Putaruru	4	539600	Fordlands	2
535700	Athenree	1	539700	Utuhina	1
535800	Katikati Community	1	539800	Pomare	3
535900	Maketu Community	1	540000	Springfield	3
536000	Omokoroa	8	540100	Kawaha Point	3
536201	Papamoa Beach East	2	540200	Koutu	3
536202	Palm Springs	3	540300	Ohinemutu	1
536203	Doncaster	2	540410	Kuirau	3
536512	Kairua	1	540420	Victoria	1
536513	Bethlehem East	5	540510	Glenholme East	2
536514	Bethlehem	4	540600	Fenton	1
536515	Pacific View	2	541311	Acacia Bay	2
536516	Palm Beach	1	541319	Lakewood	2
536517	Gravatt	2	541320	Marotiri	1
536614	Tahawai	2	541332	Oruanui	2
536615	Aongatete	4	541333	Kinloch	1
536620	Minden	4	541343	Iwitahi	3
536630	Kaimai	6	541720	Taupo Central	6
536641	Ohauiti-Ngapeke	2	541730	Tauhara	4
536642	Upper Papamoa	4	541740	Hilltop	1
536651	Paengaroa	1	541750	Waipahihi	2
536653	Rangiuru	2	541760	Richmond Heights	2
536654	Pongakawa	3	541900	Ohope	9
536810	Mt Maunganui North	6	542200	Edgecumbe	3
536821	Omanu	5	542410	Whakatane North	7
536831	Arataki	6	542422	Whakatane West	6
536832	Te Maunga	7	542430	Trident	4
537000	Matua	9	542440	Allandale-Mokorua	7
537100	Bellevue	4	542530	Otakiri	4
537201	Otumoetai North	5	542540	Rotoma	1
537202	Otumoetai South	5	542550	Matahina-Minginui	1
537301	Brookfield	7	542562	Urewera	3
537302	Te Reti	3	542600	Kawerau	6
537400	Judea	6	542700	Murupara	2
537500	Gate Pa	4	542800	Opotiki	3
537601	Greerton	3	542906	Waiotahi	2

543901	Makaraka	2	548810	Anderson Park	4
543902	Matokitoki	1	548821	Iona	3
543903	Wainui	3	548831	Te Mata	1
544001	Wharekaka	4	548832	Havelock North Central	7
544002	Tiniroto	2	548833	Te Mata Hills	3
544003	Manutuke	2	549100	Waipawa	4
544200	Mangapapa	6	549200	Tikokino	2
544300	Te Hapara	5	549400	Otane	3
544400	Gisborne Airport	3	549500	Waipukurau	7
544500	Whataupoko	2	549602	Elsthorpe-Flemington	4
544600	Gisborne Central	3	549800	Norsewood-Herbertville	4
544701	Kaiti North	1	550101	Dannevirke West	3
544702	Outer Kaiti	2	550102	Dannevirke East	3
544801	Kaiti South	1	550200	Papatawa	2
544802	Tamarau	4	550901	Bell Block	2
544900	Riverdale	2	551012	Glen Avon	3
545201	Tuai	1	551014	Mangaoraka	1
545302	Whakaki	2	551021	Carrington	4
545303	Nuhaka	2	551022	Highlands Park	5
545304	Mahia	1	551023	Fernleigh	1
545500	Wairoa	5	551024	Barrett	2
545611	Bay View	4	551030	Omata	1
545621	Poraiti	4	551111	Lepperton	1
545631	Meeanee	1	551112	Kaitake	5
545710	Twyford	3	551301	Waitara West	8
545721	Karamu	3	551302	Waitara East	3
545740	Haumoana	2	551400	Moturoa	4
545812	Eskdale	3	551501	Lynmouth	3
545821	Sherenden-Puketapu	2	551502	Spotswood	2
545831	Waiohiki	1	551503	Marfell	4
545841	Maraekakaho	2	551600	Upper Westown	2
545842	Bridge Pa	1	551700	Westown	4
545852	Pakipaki	1	551900	Kawaroa	2
545860	Waimarama	1	552001	Mount Bryan	3
545911	Tutira	1	552002	Marsland Hill	3
546200	Ahuriri	1	552100	Fitzroy	3
546300	Onekawa Central	1	552300	Merrilands	1
546400	Onekawa West	1	552400	Frankleigh	7
546500	Onekawa South	4	552500	Struan Park	9
546600	Marewa	8	552701	Egmont Village	1
546700	Maraenui	1	552702	Kaimata	3
546801	Hospital Hill	4	552800	Inglewood	1
546802	Bluff Hill	4	552900	Midhirst	1
546901	Nelson Park	2	553002	Douglas	1
546902	McLean Park	5	553003	Toko	1
547001	Tamatea North	2	553101	Stratford West	3
547002	Tamatea South	3	553102	Stratford East	3
547100	Greenmeadows	7	553200	Opunake	2
547200	Taradale North	7	553302	Kahui	3
547300	Taradale South	3	553500	Mangatoki-Moeroa	1
547400	Pirimai	5	553601	Eltham	6
547600	Mahora	2	553700	Kapuni	1
547700	St Leonards	5	553800	Manaia	1
547800	Frimley	3	554010	Hawera North	6
547900	Raureka	3	554020	Hawera South	2
548000	Mayfair	2	554111	Ohawe Beach	2
548100	Parkvale	4	554113	Tawhiti	1
548200	Hastings Central	1	554500	Makakaho	1
548300	Akina	7	554700	Patea	1
548500	Camberley	1	554800	Waverley	2
548611	Kingsley-Chatham	1	554900	Tangiwai	1
548612	Lochain	3	555200	Otamatea	1
548620	Flaxmere East	1	555300	Blueskin	4

555400	Maxwell	6	563101	Hokowhitu West	6
555700	Castlecliff North	4	563102	Hokowhitu Lagoon	1
555800	Castlecliff South	1	563200	Hokowhitu East	10
556100	Tawhero	3	563300	Aokautere	4
556200	Gonville South	3	563701	Waikanae Beach	6
556400	Gonville West	3	563703	Waikanae East	2
556500	Springvale West	1	563705	Waikanae Park	2
556600	Springvale East	1	563706	Waikanae West	3
556700	Wanganui Collegiate	2	563920	Kaitawa	1
556800	Laird Park	1	564011	Lake Horowhenua	1
556900	Wanganui Central	2	564021	Mangaore-Manakau	3
557300	Lower Aramoho	3	564022	Otaki Forks	2
557500	Williams Domain	3	564210	Levin North	2
557600	Wembley Park	1	564220	Levin West	3
557700	Kowhai Park	3	564231	Playford Park	4
557800	Bastia Hill	3	564232	Levin South	2
557900	Durie Hill	5	564240	Levin East	3
558100	Putiki	1	564400	Otaki	7
558200	Marybank-Gordon Park	2	564510	Heretaunga Park	1
558300	Fordell-Kakatahi	2	564530	Pinehaven	4
558500	Waiouru	3	564602	Riverstone Terraces	1
558600	Mangaweka	1	564900	Parkway	2
558900	Bulls	2	565000	Fernlea	2
559210	Moawhango	1	565200	Homedale West	2
559220	Pohonui-Porewa	2	565300	Homedale East	2
559230	Lake Alice	4	565601	Pauatahanui	1
559400	Taihape	4	565602	Endeavour	11
559500	Marton	5	565604	Adventure	1
560000	Pohangina	1	565901	Paraparaumu Beach North	1
560200	Ashhurst	5	565902	Otaihanga	1
560412	Maewa	4	565903	Paraparaumu Beach South	10
560421	Halcombe	2	566000	Paraparaumu Central	12
560422	Tokorangi-Hiwinui	3	566101	Raumati Beach	4
560710	Feilding North	4	566102	Raumati South	7
560720	Feilding West	2	566200	Paekakariki	3
560730	Feilding Central	2	566500	Te Marua	2
560740	Feilding East	3	566620	Emerald Hill	4
560900	Sanson	1	566700	Māoribank	2
561200	Himatangi Beach	1	566800	Clouston Park	6
561300	Foxton Beach	4	566900	Totara Park	2
561410	Rakiraki	1	567000	Ebdentown	2
561422	Oroua Downs-Waitohi	2	567200	Maidstone	1
561500	Moutoa	2	567300	Wallaceville	4
561700	Foxton	1	567400	Elderslea	5
561811	Kairanga	1	567500	Moonshine	6
561812	Longburn	1	567600	Brentwood	1
561813	Massey University	2	567700	Trentham North	1
561820	Linton Military Camp	1	567800	Heretaunga-Silverstream	4
561901	Kauwhata	3	567902	Mangaroa	7
561902	Turitea	5	568101	Tawhai	2
562100	Milson	5	568102	Holborn	3
562200	Kelvin Grove	6	568103	Delaney	1
562310	Takaro	7	568104	Manuka	2
562401	Palmerston North Hospital	3	568201	Taita North	1
562402	Papaeoia	5	568202	Taita South	3
562500	Roslyn	8	568301	Avalon East	1
562600	Terrace End	4	568302	Naenae North	2
562710	Highbury	3	568303	Naenae South	4
562720	Westbrook	8	568402	Boulcott	2
562800	Palmerston North Central	4	568501	Epuni West	3
562910	Awapuni North	4	568502	Epuni East	1
562922	Awapuni South	2	568601	Waterloo West	2
563000	West End	3	568602	Waterloo East	5

568701	Waiwhetu North	2	575300	Kelburn	7
568702	Waiwhetu South	4	575400	Taitville	1
568900	Moera	2	575500	Mitchelltown	1
569001	Woburn North	1	575600	Brooklyn	10
569100	Hutt Central	4	575800	Kingston	5
569201	Melling	1	575902	Happy Valley-Owhiro Bay	1
569202	Alicetown	3	576001	Island Bay West	2
569301	Normandale	2	576002	Island Bay East	8
569302	Maungaraki	8	576100	Melrose	6
569402	Belmont	4	576300	Newtown West	9
569500	Kelson	2	576400	Newtown East	1
570000	Esplanade	2	576500	Adelaide	1
570100	Wilford	3	576600	Oriental Bay	1
570300	Eastbourne	9	576700	Roseneath	2
570400	Titahi Bay North	3	576800	Hataitai	2
570500	Onepoto	6	576901	Kilbirnie East	3
570600	Titahi Bay South	4	576903	Kilbirnie West	5
570700	Elsdon-Takapuwahia	3	577000	Lyll Bay	4
570900	Porirua East	1	577100	Strathmore Park	6
571000	Ranui Heights	4	577200	Miramar South	3
571100	Cannons Creek North	1	577300	Miramar North	5
571200	Cannons Creek South	2	577400	Karaka Bay-Worser Bay	4
571300	Cannons Creek East	2	577500	Seatoun	1
571400	Waitangirua	1	577600	Maupuia	2
571500	Papakowhai	11	577900	Mangatainoka	4
571600	Ascot Park	4	578000	Pahiatua	3
571800	Pukerua Bay	4	578100	Eketahuna	1
571900	Plimmerton	7	578200	Nireaha-Tiraumea	2
572000	Mana-Camborne	4	578302	Opaki-Fernridge	1
572100	Paremata-Postgate	5	578401	Kopuaranga	4
572200	Discovery	11	578402	Whareama	4
572500	Tawa South	2	578700	Masterton West	5
572600	Tawa Central	3	578800	Masterton East	4
572701	Linden	5	578901	Solway North	2
572702	Greenacres	1	578902	Solway South	3
572900	Thorndon-Tinakori Road	6	579000	Ngaumutawa	2
573000	Lambton	3	579200	Lansdowne	5
573101	Willis Street-Cambridge Terrace	5	579502	Te Wharau	4
573200	Aro Street-Nairn Street	1	579700	Carterton	7
573300	Mt Cook-Wallace Street	3	579803	Kahutara	3
573400	Mt Victoria West	13	579900	Greytown	2
573512	Churton	15	580000	Featherston	2
573523	Grenada Village	4	580100	Martinborough	4
573525	Takapu	1	580200	Havelock	1
573526	Horokiwi	1	580300	Renwick	3
573600	Johnsonville North	2	580420	Omaka	1
573700	Johnsonville South	3	580430	Spring Creek-Riverlands	1
573800	Johnsonville East	1	580442	Waikawa	2
573900	Newlands North	1	580444	Wairau	4
574001	Newlands South	5	580446	Marlborough Sounds Terrestrial	6
574100	Raroa	3	580801	Ward	1
574200	Khandallah Park	2	580802	Seddon	2
574302	Te Kainga	9	581100	Picton	4
574304	Rangoon Heights	3	581210	Springlands	5
574401	Awarua	5	581220	Mayfield	1
574402	Ngaio	5	581230	Blenheim Central	4
574600	Wadestown	4	581240	Whitney	5
574700	Wilton-Otari	5	581250	Redwoodtown	7
574800	Karori North	3	581260	Witherlea	3
574900	Karori Park	3	581400	Kaikoura Township	1
575000	Karori East	6	581500	Kaikoura Rural	1
575100	Karori South	3	581601	Golden Bay	4
575200	Northland	7	581715	Ngawhatu	2

581723	Saxton	4	585808	Ashley	2
581812	Whangamoa	1	586001	Camside	1
581822	Brightwater	2	586002	Pines-Kairaki Beach	1
581823	Wakefield	3	586112	Waikuku	1
581825	Mapua	2	586117	Tuahiwi	2
581833	Motueka Outer	2	586118	Coldstream	2
581836	Wai-Iti	8	586302	Rangiora West	5
581841	Golden Downs	1	586303	Rangiora East	3
581842	Lake Rotoroa	1	586304	Southbrook	1
582000	Clifton	2	586305	Kingsbury	1
582100	Atawhai	1	586306	Rangiora North	1
582300	The Wood	5	586401	Kaiapoi North	2
582401	Britannia	5	586403	Kaiapoi South	1
582402	Washington	3	586404	Mansfield	3
582600	Maitai	2	586405	Courtenay	1
582700	Kirks	1	586502	Kaiapoi West	1
582800	Bronte	1	586601	West Eyreton	1
582900	Atmore	1	586603	Mandeville	1
583000	Tahunanui	2	586604	Ohoka	1
583100	Tahuna Hills	1	586801	Ashley Gorge	1
583201	Toi Toi	4	586802	Oxford	4
583300	Grampians	3	586900	Darfield	1
583400	The Brook	2	587010	Kirwee	5
583500	Nelson Airport	2	587100	Malvern	5
583700	Enner Glynn	4	587302	Halswell South	3
583800	Maitlands	2	587303	Oaklands West	1
583900	Isel Park	7	587304	Oaklands East	7
584000	Langbein	4	587400	Hornby North	4
584201	Richmond East	5	587500	Hornby South	4
584202	Richmond West	11	587701	Sockburn	6
584301	Motueka West	2	587702	Wigram	1
584303	Motueka East	10	587812	Broomfield	1
584402	Karamea	1	587820	Templeton	3
584403	Hector-Ngakawau	1	587830	Islington	4
584405	Orowaiti	2	587841	Prebbleton	5
584410	Westport Rural	1	587844	Westmorland	3
584411	Charleston	1	587845	Aidanfield	4
584500	Westport Urban	3	587846	Halswell Domain	2
584600	Reefton	2	587847	Hendersons Basin	2
584702	Mawheraiti	2	587903	Kennedys Bush	1
584800	Karoro	2	587904	West Melton	5
584922	Blackball	1	588101	Redwood North	3
584931	Barrytown	1	588102	Redwood South	3
584933	Atarau	1	588200	Styx Mill	1
584935	Marsden-Hohonu	1	588300	Casebrook	2
584938	Ahaura	1	588401	Belfast South	5
585000	Runanga-Rapahoe	1	588402	Sawyers Arms	6
585110	Cobden	1	588500	Kaimahi	8
585130	Greymouth Central	1	588600	Harewood	1
585140	Greymouth South	1	588700	Bishopdale	1
585306	Kumara	1	588800	Russley	2
585307	Kaniere	1	588900	Burnside	3
585316	Waimea-Arahura	2	589100	Jellie Park	1
585320	Waitaha	1	589200	Bryndwr	4
585321	Whataroa	1	589300	Holmwood	1
585324	Bruce Bay-Paringa	1	589400	Fendalton	3
585400	Hokitika Urban	1	589601	Hawthornden	6
585502	Hanmer Springs	1	589700	Westburn	4
585601	Parnassus	1	589800	Masham	2
585700	Hurunui	4	589900	Avonhead	6
585802	Amberley	1	590000	Ilam	4
585803	Leithfield	1	590100	Upper Riccarton	4
585807	Loburn	1	590200	Wharenui	1

590300	Middleton	2	596502	Diamond Harbour	3
590400	Belfast	2	596503	Governors Bay	1
590501	Travis Wetland	7	596800	Akaroa	1
590502	Marshland	5	596901	Akaroa Harbour	1
590602	Parklands	4	597200	Lincoln	1
590603	Waimairi Beach	2	597300	Leeston	1
590604	Styx	3	597400	Southbridge	1
590701	Mona Vale	2	597502	Rolleston	5
590800	Riccarton	2	597504	Springston	7
591101	Cashmere West	6	597506	Selwyn-Rakaia	3
591102	Cashmere East	2	597600	Methven	1
591200	Rapaki Track	1	597711	Fairton	7
591300	Heathcote Valley	3	597720	Mt Somers	2
591600	Hagley Park	1	597730	Hinds	6
591700	Avon Loop	5	597741	Chertsey	1
591900	Papanui	3	597742	Rakaia	1
592000	Aorangi	8	597810	Allenton	3
592100	Strowan	5	597820	Ashburton Central West	1
592200	Merivale	1	597840	Ashburton Central East	3
592300	Rutland	5	597850	Hampstead	3
592401	St Albans West	4	597860	Tinwald	1
592402	St Albans East	7	598312	Orari	1
592500	Mairehau	3	598313	Levels	3
592600	Edgeware	3	598320	Pleasant Point	2
592701	Shirley West	4	598500	Geraldine	4
592812	Dallington	8	598600	Temuka	5
592820	Travis	3	598700	Washdyke	1
592900	Avondale	3	598800	Waimataitai	2
593000	Chisnall	2	598900	Marchwiell	2
593100	Aranui	1	599000	Māori Park	1
593200	Richmond North	4	599100	Highfield	8
593300	Richmond South	4	599300	Gleniti	2
593400	Avonside	2	599400	Fraser Park	5
593501	Linwood	2	599500	Seaview	2
593502	Phillipstown	1	599600	Watlington	2
593600	Linwood North	1	599700	Parkside	1
593700	Linwood East	1	599800	Timaru Gardens	2
593800	Bexley	3	600200	Fairlie	1
593900	Bromley	4	600410	Waihao	6
594010	Woolston West	2	600500	Waimate	4
594020	Ferrymead	5	600600	Weston	1
594100	Woolston South	2	600812	Ardgowan	1
594200	Ensors	3	600826	Maheno	6
594300	Opawa	5	600840	Hampden	1
594400	St Martins	4	601010	Oamaru North	2
594500	Waltham	1	601020	Orana Park	3
594600	Sydenham	9	601030	Oamaru Central	4
594700	Addington	4	601040	Oamaru South	2
594800	Barrington North	1	601200	Palmerston	2
594900	Barrington South	4	601301	Waihemo	1
595000	Spreydon	4	601400	Waikouaiti	5
595100	Hoon Hay	4	601500	Aramoana	1
595300	Hillmorton	4	601603	Evansdale	2
595400	Somerfield	6	601604	Karitane	1
595500	Beckenham	4	601900	Fairfield	5
595600	North Beach	3	602000	Brighton	2
595700	Rawhiti	10	602200	Outram	2
595800	New Brighton	3	602411	Wyllies Crossing	1
595900	South Brighton	3	602412	Wingatui	2
596000	Mt Pleasant	6	602421	Kaikorai Hill	3
596102	Moncks Bay	5	602422	Saddle Hill	3
596200	Sumner	7	602500	Taieri	3
596400	Lyttelton	11	602600	Strath Taieri	1

603000	High St-Stuart St	3	609911	Makarewa North	1
603100	Stuart St-Frederick St	2	609912	Makarewa	2
603210	Opoho	1	609921	Bushy Point	1
603220	Forrester Park	1	609922	Otatara	4
603300	North East Valley	8	610020	Waikaia	1
603400	Pine Hill	3	610032	Chatton	4
603602	Otago University	1	610040	Hokonui	2
603710	Māori Hill	3	610052	Oreti Beach	1
603810	Glenleith	1	610061	Dacre	3
603910	Wakari	2	610072	Waituna	1
603920	Halfway Bush	3	610073	Woodlands	1
603930	Brockville	2	610080	Toetoes	2
604010	Roslyn North	2	610210	North Gore	5
604020	Roslyn South	3	610220	East Gore	2
604110	Mornington	4	610230	Central Gore	2
604120	Belleknowes	3	610240	West Gore	2
604130	Kenmure	4	610250	South Gore	1
604210	Caversham	6	610500	Winton	5
604222	Corstorphine East	1	610601	Grasmere	5
604410	South Dunedin	3	610602	Waikiwi	5
604420	Forbury	1	610700	Rosedale	11
604500	St Clair	5	610900	Windsor	2
604611	Musselburgh	5	611001	Waverley-Glengarry	1
604612	Andersons Bay	3	611002	Hawthorndale	5
604620	Vauxhall	9	611100	Richmond	3
604710	St Leonards-Blanket Bay	1	611210	Otakaro Park	1
604720	Ravensbourne	3	611220	Crinan	2
604822	Macandrew Bay	1	611500	Newfield-Rockdale	3
604830	Broad Bay-Portobello	5	611601	Heidelberg	3
604901	Taiaroa-Cape Saunders	1	611700	Appleby-Kew	7
604902	Sandymount	2	611800	Kingswell-Clifton	4
605200	Port Chalmers	3	612100	Bluff	2
605400	St Kilda West	2	612300	Ohai	1
605500	St Kilda Central	4	612712	Manapouri	1
605600	St Kilda East	5	612714	Mararoa River	3
605800	Green Island	6	612720	Wairio	1
605910	Abbotsford	3	612730	Te Waewae	2
605920	Concord	1	612740	Fairfax	2
606100	Mosgiel East	9	612802	Riverton West	2
606210	Mosgiel South	2	613000	Stewart Island	1
606220	East Taieri	1			
606300	Bush Road	2			
606600	Stirling	2			
606700	Bruce	4			
606800	Milton	1			
607100	Kaka Point	1			
607300	Clutha	2			
607400	Balclutha	5			
607501	Teviot	1			
607800	Roxburgh	1			
607900	Ranfurly	2			
608302	Dunstan	5			
608303	Clyde	1			
608304	Hawea	4			
608500	Alexandra	9			
608600	Cromwell	6			
608700	Frankton	1			
608800	Wanaka	6			
609022	Kelvin Heights	1			
609026	Wakatipu	6			
609029	Matukituki	1			
609301	Queenstown Bay	1			
609302	Queenstown Hill	1			

## Appendix C: Copy of the New Zealand Attitudes and Values 2010 Questionnaire

DEPARTMENT OF PSYCHOLOGY  
Faculty of Science

### The New Zealand Attitudes and Values Study

#### Follow-up Questionnaire at Time 2

This form will be kept for a period of twenty years.

Researcher: Dr. Chris Sibley, Department of Psychology, University of Auckland.  
Phone: 09-373-7599, extn 88353. E-mail: c.sibley@auckland.ac.nz

#### Consent form and contact details

This form is to gather your consent to participate in this study. Only Dr. Sibley and his research associates will have access to your responses. Your personal information will be kept separate from your responses at all times. Your questionnaire will be identified by an anonymous code. An encrypted electronic copy of all responses will be stored indefinitely for research purposes in a secure room in the Department of Psychology.

I have read and understood a description of this research project. On this basis, I agree to take part. I understand that my data will remain confidential at all times. I understand that only Dr. Sibley will have access to my contact details. I consent to publication of the results of the project with the understanding that my anonymity will be preserved. I understand that I am free to withdraw from the research at any time up until the point at which I complete and return this questionnaire. I understand that my contact details will never be shared with anyone. I understand that Dr. Sibley will use these details to contact and invite me to complete follow-up questionnaires, possibly for the next eighteen years. Finally, I understand that my contact details will be used to contact me if I win one of the grocery voucher prize draws for \$500, \$300 or \$200 for participating in this study.

Name:			
Signature:		Date:	
Home phone:		Cell phone:	
Email address:			
Postal address:			

Would you like to receive a summary of key findings from the study?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If yes, would you like to be sent this summary by email or in the post?	Email <input type="checkbox"/>	Post <input type="checkbox"/>
Are you willing to complete a short follow-up survey about your health?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

APPROVED BY THE UNIVERSITY OF AUCKLAND HUMAN PARTICIPANTS ETHICS COMMITTEE  
ON 09-SEPTEMBER-2009 FOR 3 YEARS. REFERENCE NUMBER: 2009/336.

PLEASE POST BACK THE FULL QUESTIONNAIRE (INCLUDING THIS PAGE) USING THE PROVIDED PRE-PAID ENVELOPE.



THE UNIVERSITY  
OF AUCKLAND  
NEW ZEALAND  
Te Whare Wānanga o Tāmaki Makaurau  
Human Sciences Building  
Level 6, 10 Symonds Street  
Auckland, New Zealand  
Telephone 64 9 373 7599  
Facsimile 64 9 373 7450  
www.psych.auckland.ac.nz

The University of Auckland  
Private Bag 92019  
Auckland, New Zealand

**Instructions:** This part of the questionnaire measures your feelings about yourself. Please circle the number that best represents how accurately each statement describes you.

I ...	Very Inaccurate ↓	Very Accurate ↓
1. Am the life of the party.	1 2 3 4 5 6 7	
2. Sympathise with others' feelings.	1 2 3 4 5 6 7	
3. Get chores done right away.	1 2 3 4 5 6 7	
4. Have frequent mood swings.	1 2 3 4 5 6 7	
5. Have a vivid imagination.	1 2 3 4 5 6 7	
6. Don't talk a lot.	1 2 3 4 5 6 7	
7. Am not interested in other people's problems.	1 2 3 4 5 6 7	
8. Have difficulty understanding abstract ideas.	1 2 3 4 5 6 7	
9. Like order.	1 2 3 4 5 6 7	
10. Make a mess of things.	1 2 3 4 5 6 7	
11. Do not have a good imagination.	1 2 3 4 5 6 7	
12. Feel others' emotions.	1 2 3 4 5 6 7	
13. Am relaxed most of the time.	1 2 3 4 5 6 7	
14. Get upset easily.	1 2 3 4 5 6 7	
15. Seldom feel blue.	1 2 3 4 5 6 7	
16. Keep in the background.	1 2 3 4 5 6 7	
17. Am not really interested in others.	1 2 3 4 5 6 7	
18. Am not interested in abstract ideas.	1 2 3 4 5 6 7	
19. Often forget to put things back in their proper place.	1 2 3 4 5 6 7	
20. Talk to a lot of different people at parties.	1 2 3 4 5 6 7	
21. Feel entitled to more of everything.	1 2 3 4 5 6 7	
22. On the whole am satisfied with myself.	1 2 3 4 5 6 7	
23. Know that people in my life accept and value me.	1 2 3 4 5 6 7	
24. Would like to be seen driving around in a very expensive car.	1 2 3 4 5 6 7	
25. Deserve more things in life.	1 2 3 4 5 6 7	
26. Take a positive attitude toward myself.	1 2 3 4 5 6 7	
27. Feel like an outsider.	1 2 3 4 5 6 7	
28. Would get a lot of pleasure from owning expensive luxury goods.	1 2 3 4 5 6 7	
29. Am satisfied with the appearance, size and shape of my body.	1 2 3 4 5 6 7	
30. Am inclined to feel that I am a failure.	1 2 3 4 5 6 7	
31. Feel that I am often discriminated against because of my ethnicity.	1 2 3 4 5 6 7	
32. Know that people around me share my attitudes and beliefs.	1 2 3 4 5 6 7	

During the last 30 days, how often did.... (Please use the scale below to circle a number for each question)

	None Of The Time 0	A Little Of The Time 1	Some Of The Time 2	Most Of The Time 3	All Of The Time 4
1. ... you feel hopeless?	0	1	2	3	4
2. ... you feel so depressed that nothing could cheer you up?	0	1	2	3	4
3. ... you feel restless or fidgety?	0	1	2	3	4
4. ... you feel that everything was an effort?	0	1	2	3	4
5. ... you feel worthless?	0	1	2	3	4
6. ... you feel nervous?	0	1	2	3	4
7. ... you have negative thoughts that repeated over and over?	0	1	2	3	4

**Instructions:** Please circle the number that best represents how important each of the following values is for you as a guiding principle in your life. Use the scale below to rate these items.

	Opposed To My Values	Not Important					Important			Very Important	Of Supreme Importance
	-1	0	1	2	3	4	5	6	7		
1. PROTECTING THE ENVIRONMENT (preserving nature)	-1	0	1	2	3	4	5	6	7		
2. A VARIED LIFE (filled with challenge, novelty and change)	-1	0	1	2	3	4	5	6	7		
3. HONOURING OF PARENTS AND ELDERS (showing respect)	-1	0	1	2	3	4	5	6	7		
4. AUTHORITY (the right to lead or command)	-1	0	1	2	3	4	5	6	7		
5. EQUALITY (equal opportunity for all)	-1	0	1	2	3	4	5	6	7		
6. A WORLD AT PEACE (free of war and conflict)	-1	0	1	2	3	4	5	6	7		
7. AN EXCITING LIFE (stimulating experiences)	-1	0	1	2	3	4	5	6	7		
8. FAMILY SECURITY (safety for loved ones)	-1	0	1	2	3	4	5	6	7		
9. INFLUENCE (having an impact on people and events)	-1	0	1	2	3	4	5	6	7		
10. SOCIAL JUSTICE (correcting injustice, care for the weak)	-1	0	1	2	3	4	5	6	7		
11. CURIOSITY (interest in everything, exploring)	-1	0	1	2	3	4	5	6	7		
12. SELF-DISCIPLINE (self-restraint, resistance to temptation)	-1	0	1	2	3	4	5	6	7		
13. WEALTH (material possessions, money)	-1	0	1	2	3	4	5	6	7		

**Instructions:** The statements below reflect different opinions and points of view. Please indicate how strongly you disagree or agree with each statement. Remember, the best answer is your own opinion.

	Strongly Disagree						Strongly Agree		
	↓	1	2	3	4	5	6	7	↓
1. It is OK if some groups have more of a chance in life than others.	↓	1	2	3	4	5	6	7	↓
2. It is always better to trust the judgment of the proper authorities in government and religion than to listen to the noisy rabble-rousers in our society who are trying to create doubt in people's minds.		1	2	3	4	5	6	7	
3. I wish people in this society would stop obsessing so much about race.		1	2	3	4	5	6	7	
4. Inferior groups should stay in their place.		1	2	3	4	5	6	7	
5. It would be best for everyone if the proper authorities censored magazines so that people could not get their hands on trashy and disgusting material.		1	2	3	4	5	6	7	
6. Everyone in New Zealand has a fair shot at wealth and happiness, regardless of ethnicity or race.		1	2	3	4	5	6	7	
7. To get ahead in life, it is sometimes okay to step on other groups.		1	2	3	4	5	6	7	
8. Our country will be destroyed some day if we do not smash the perversions eating away at our moral fibre and traditional beliefs.		1	2	3	4	5	6	7	
9. To a large extent, a person's race biologically determines his or her abilities.		1	2	3	4	5	6	7	
10. We should have increased social equality.		1	2	3	4	5	6	7	
11. People should pay less attention to The Bible and other old traditional forms of religious guidance, and instead develop their own personal standards of what is moral and immoral.		1	2	3	4	5	6	7	
12. It would be good if groups could be equal.		1	2	3	4	5	6	7	
13. Atheists and others who have rebelled against established religions are no doubt every bit as good and virtuous as those who attend church regularly.		1	2	3	4	5	6	7	
14. We should do what we can to equalise conditions for different groups.		1	2	3	4	5	6	7	
15. I often think about the fact that I am a member of my ethnic group.		1	2	3	4	5	6	7	
16. We need to invest specifically in educating young girls and women about healthy lifestyles for the sake of future generations.		1	2	3	4	5	6	7	
17. People close to me support and encourage me to lead a healthy lifestyle.		1	2	3	4	5	6	7	
18. It is easy to lead a healthy lifestyle if you make lots of money.		1	2	3	4	5	6	7	

*Instructions:* The following items assess your current satisfaction with different aspects of your life and aspects of New Zealand more generally.

Completely Dissatisfied	Somewhat Satisfied									Completely Satisfied	
	0	1	2	3	4	5	6	7	8		9
1. Your standard of living.	0	1	2	3	4	5	6	7	8	9	10
2. The economic situation in New Zealand.	0	1	2	3	4	5	6	7	8	9	10
3. The quality of New Zealand's natural environment.	0	1	2	3	4	5	6	7	8	9	10
4. Your health.	0	1	2	3	4	5	6	7	8	9	10
5. The social conditions in New Zealand.	0	1	2	3	4	5	6	7	8	9	10
6. The performance of the current New Zealand government.	0	1	2	3	4	5	6	7	8	9	10
7. Your future security.	0	1	2	3	4	5	6	7	8	9	10
8. Business in New Zealand.	0	1	2	3	4	5	6	7	8	9	10
9. Your personal relationships.	0	1	2	3	4	5	6	7	8	9	10
10. John Key's leadership as The Prime Minister of New Zealand.	0	1	2	3	4	5	6	7	8	9	10

*Instructions:* The statements below reflect different opinions and points of view. Please indicate how strongly you disagree or agree with each statement. Remember, the best answer is your own opinion.

	Strongly Disagree						Strongly Agree					
	1	2	3	4	5	6	7	8	9	10	11	
1. There are people I can depend on to help me if I really need it.	1	2	3	4	5	6	7	8	9	10	11	
2. I think that Māori culture helps to define New Zealand in positive ways.	1	2	3	4	5	6	7	8	9	10	11	
3. Everyone has a fair shot at wealth and happiness in New Zealand.	1	2	3	4	5	6	7	8	9	10	11	
4. Asian people would be likely to reject me on the basis of my race.	1	2	3	4	5	6	7	8	9	10	11	
5. In my opinion, more good jobs for Asians mean fewer good jobs for members of other groups in New Zealand.	1	2	3	4	5	6	7	8	9	10	11	
6. I feel anxious about interacting with NZ European people.	1	2	3	4	5	6	7	8	9	10	11	
7. New Zealand would be a better place to live if we forgot about trying to promote Māori culture to everyone.	1	2	3	4	5	6	7	8	9	10	11	
8. Women exaggerate problems they have at work.	1	2	3	4	5	6	7	8	9	10	11	
9. In general, I find New Zealand society to be fair.	1	2	3	4	5	6	7	8	9	10	11	
10. Pacific Island people would be likely to reject me on the basis of my race.	1	2	3	4	5	6	7	8	9	10	11	
11. Māori have very different values and morals compared to most other NZers.	1	2	3	4	5	6	7	8	9	10	11	
12. Bad smells, messes, dead animals and rotten food absolutely disgust me.	1	2	3	4	5	6	7	8	9	10	11	
13. Women, compared to men, tend to have greater moral sensibility.	1	2	3	4	5	6	7	8	9	10	11	
14. The fact that I am a member of my ethnic group is an important part of my identity.	1	2	3	4	5	6	7	8	9	10	11	
15. By taking personal action I believe I can make a positive difference to environmental problems.	1	2	3	4	5	6	7	8	9	10	11	
16. In general, the New Zealand political system operates as it should.	1	2	3	4	5	6	7	8	9	10	11	
17. There is no one I can turn to for guidance in times of stress.	1	2	3	4	5	6	7	8	9	10	11	
18. I feel I can make a difference to the state of the environment.	1	2	3	4	5	6	7	8	9	10	11	
19. NZ European people would be likely to reject me on the basis of my race.	1	2	3	4	5	6	7	8	9	10	11	
20. Protecting New Zealand's native species should be a national priority.	1	2	3	4	5	6	7	8	9	10	11	
21. I feel anxious about interacting with Māori people.	1	2	3	4	5	6	7	8	9	10	11	
22. Pacific Islanders have very different values and morals compared to most other NZers.	1	2	3	4	5	6	7	8	9	10	11	
23. Men and women both have a fair shot at wealth and happiness in NZ.	1	2	3	4	5	6	7	8	9	10	11	
24. I know there are people I can turn to when I need help.	1	2	3	4	5	6	7	8	9	10	11	
25. I reckon Māori culture should stay where it belongs—with Māori. It doesn't concern other NZers.	1	2	3	4	5	6	7	8	9	10	11	

**Instructions:** The statements below reflect different opinions and points of view. Please indicate how strongly you disagree or agree with each statement. Remember, the best answer is your own opinion.

	Strongly Disagree				Strongly Agree		
	↓						↓
1. People who become preoccupied by race are forgetting that we're all just human.	1	2	3	4	5	6	7
2. I feel anxious about interacting with Pacific Island people.	1	2	3	4	5	6	7
3. The New Zealand government should be involved in regulating carbon emissions.	1	2	3	4	5	6	7
4. I feel a great pride in the land that is our New Zealand.	1	2	3	4	5	6	7
5. I am satisfied with my life.	1	2	3	4	5	6	7
6. Women are too easily offended.	1	2	3	4	5	6	7
7. In my opinion, more good jobs for Māori mean fewer good jobs for members of other groups in New Zealand.	1	2	3	4	5	6	7
8. Māori people would be likely to reject me on the basis of my race.	1	2	3	4	5	6	7
9. We should all move on as one nation and forget about past differences and conflicts between ethnic groups.	1	2	3	4	5	6	7
10. Asians have different values and morals compared to most other NZers.	1	2	3	4	5	6	7
11. Putting racial labels on people obscures the fact that everyone is a unique individual.	1	2	3	4	5	6	7
12. I feel anxious about interacting with Asian people.	1	2	3	4	5	6	7
13. NZ Europeans have different values and morals compared to most other NZers.	1	2	3	4	5	6	7
14. Climate change is real.	1	2	3	4	5	6	7
15. Climate change is caused by humans.	1	2	3	4	5	6	7
16. It is OK for parents to use smacking as a way to discipline their children.	1	2	3	4	5	6	7
17. In general, relations between different ethnic groups in New Zealand are fair.	1	2	3	4	5	6	7
18. Many women have a quality of purity that few men possess.	1	2	3	4	5	6	7
19. We should not have to pay for the mistakes of our ancestors.	1	2	3	4	5	6	7
20. Women seek to gain power by getting control over men.	1	2	3	4	5	6	7
21. In my opinion, more good jobs for NZ Europeans mean fewer good jobs for members of other groups in New Zealand.	1	2	3	4	5	6	7
22. People from other races would be likely to reject me on the basis of my race.	1	2	3	4	5	6	7
23. Once a woman gets a man to commit to her she usually tries to put him on a tight leash.	1	2	3	4	5	6	7
24. Women, as compared to men, tend to have a more refined sense of culture and good taste.	1	2	3	4	5	6	7
25. I feel anxious about interacting with people from other races.	1	2	3	4	5	6	7
26. Most of New Zealand's policies serve the greater good.	1	2	3	4	5	6	7
27. People who weren't around in previous centuries should not feel accountable for the actions of their ancestors.	1	2	3	4	5	6	7
28. In my opinion, more good jobs for Pacific Islanders mean fewer good jobs for members of other groups in New Zealand.	1	2	3	4	5	6	7
29. In general, relations between men and women in New Zealand are fair.	1	2	3	4	5	6	7
30. In most ways my life is close to ideal.	1	2	3	4	5	6	7
31. Women should be cherished and protected by men.	1	2	3	4	5	6	7
32. Generally, the more influence NZ has on other nations, the better off they are.	1	2	3	4	5	6	7
33. When women lose to men in a fair competition, they typically complain about being discriminated against.	1	2	3	4	5	6	7
34. Although at times I may not agree with the government, my commitment to New Zealand always remains strong.	1	2	3	4	5	6	7
35. Every man ought to have a woman whom he adores.	1	2	3	4	5	6	7
36. Being a member of my ethnic group is an important part of how I see myself.	1	2	3	4	5	6	7
37. It is important for people to know the facts about healthy eating/nutrition.	1	2	3	4	5	6	7
38. Foreign nations have done some very fine things but they are still not as good as New Zealand.	1	2	3	4	5	6	7

**Instructions:** Please rate how strongly you oppose or support each of the following political parties.

Strongly Oppose 1	Neutral						Strongly Support 7								
	2	3	4	5	6										
The National Party	1	2	3	4	5	6	7	The ACT Party	1	2	3	4	5	6	7
The Labour Party	1	2	3	4	5	6	7	The Māori Party	1	2	3	4	5	6	7
The Green Party	1	2	3	4	5	6	7	United Future	1	2	3	4	5	6	7

**Instructions:** Please answer each of the following questions by circling a number on the scale below.

Definitely NO 1	Unsure					Definitely YES 7	
	2	3	4	5	6		
1. Of course, we all hope that there will not be another war, but if it were to come to that, would you be willing to fight for your country?	1	2	3	4	5	6	7
2. Are you willing to change your daily routine in order to protect the environment?	1	2	3	4	5	6	7
3. Have you made changes to your daily routine in order to protect the environment?	1	2	3	4	5	6	7
4. Are you willing to make sacrifices to your standard of living (e.g., accept higher prices, drive less, conserve energy) in order to protect the environment?	1	2	3	4	5	6	7
5. Have you made sacrifices to your standard of living (e.g., accepted higher prices, driven less, conserved energy) in order to protect the environment?	1	2	3	4	5	6	7
6. Do you think <i>most New Zealanders</i> are willing to make sacrifices to their standard of living in order to protect the environment?	1	2	3	4	5	6	7
7. Do you support the use of 1080 poison for possum control in New Zealand?	1	2	3	4	5	6	7
8. Do you lead a healthy lifestyle? (e.g., eat healthy food, exercise regularly).	1	2	3	4	5	6	7
9. Do you have the resources/ things you need in order to lead a healthy lifestyle?	1	2	3	4	5	6	7
10. Do you think you personally are more at risk of a weight-based illness (e.g., heart illnesses, diabetes) than other New Zealanders, on average?	1	2	3	4	5	6	7
11. Do you think people from your ethnic group are more at risk of weight-based illnesses (e.g., heart illnesses, diabetes) than other New Zealanders, on average?	1	2	3	4	5	6	7

**Instructions.** Please rate how strongly you oppose or support each of the following possible policies or issues.

	Strongly Oppose ↓	1	2	3	4	5	6	7	Strongly Support ↓
1. Government initiatives to inform and promote healthy lifestyle choices.	1	2	3	4	5	6	7		
2. Policies promoting closer trade ties between India and New Zealand.	1	2	3	4	5	6	7		
3. Māori ownership of the seabed and foreshore.	1	2	3	4	5	6	7		
4. Performance of the Haka at international sports events.	1	2	3	4	5	6	7		
5. Incentives to increase women's participation in the paid workforce (paid for by government).	1	2	3	4	5	6	7		
6. Policies promoting closer trade ties between China and New Zealand.	1	2	3	4	5	6	7		
7. A "flat" tax rate (everyone pays the same percentage of tax on their income).	1	2	3	4	5	6	7		
8. Reserving places for Māori students to study medicine.	1	2	3	4	5	6	7		
9. Waitangi Day as a national celebration of biculturalism.	1	2	3	4	5	6	7		
10. The Civil Union Act.	1	2	3	4	5	6	7		
11. Including religious instruction in Christianity as part of the school curriculum.	1	2	3	4	5	6	7		
12. Rates exemptions on Māori land.	1	2	3	4	5	6	7		
13. Teaching Māori language in New Zealand primary schools.	1	2	3	4	5	6	7		
14. Policies promoting more immigration from India to New Zealand.	1	2	3	4	5	6	7		
15. Introducing a programme to enhance sustainable business growth among businesses owned and operated by women.	1	2	3	4	5	6	7		
16. Singing the national anthem in Māori and English.	1	2	3	4	5	6	7		
17. Policies promoting more immigration from China to New Zealand.	1	2	3	4	5	6	7		
18. Crown (government) ownership of the seabed and foreshore.	1	2	3	4	5	6	7		

In your day-to-day life, how often do **PEOPLE IN NEW ZEALAND** act toward you in the following ways?

Have Never Experienced This 1	Sometimes Experience This					Often Experience This 7	
	2	3	4	5	6		
1. Do things to threaten you.	1	2	3	4	5	6	7
2. Insist that they know what is best for you.	1	2	3	4	5	6	7
3. Make threatening gestures toward you.	1	2	3	4	5	6	7
4. Offer advice and opinions even when you don't want it.	1	2	3	4	5	6	7
5. Attack you, or make you fear that they might.	1	2	3	4	5	6	7
6. Try to help you with things you'd rather do for yourself.	1	2	3	4	5	6	7

In your day-to-day life, how often do **PEOPLE FROM OTHER ETHNIC GROUPS** act toward you in the following ways?

1. Do things to threaten you.	1	2	3	4	5	6	7
2. Insist that they know what is best for you.	1	2	3	4	5	6	7
3. Happily interact with you in formal situations but not social ones.	1	2	3	4	5	6	7
4. Make threatening gestures toward you.	1	2	3	4	5	6	7
5. Offer advice and opinions even when you don't want it.	1	2	3	4	5	6	7
6. Only socialise or interact with you when it suits their purposes.	1	2	3	4	5	6	7
7. Attack you, or make you fear that they might.	1	2	3	4	5	6	7
8. Try to help you with things you'd rather do for yourself.	1	2	3	4	5	6	7
9. Treat you with respect, but avoid socialising with you.	1	2	3	4	5	6	7

Please rate your feelings toward the following groups using the "feeling thermometer scale" for each group. This scale measures your feelings of **WARMTH** toward different groups.

Feel <b>LEAST WARM</b> Toward This Group 1	Neutral					Feel <b>MOST WARM</b> Toward This Group 7									
	2	3	4	5	6										
NZ Europeans	1	2	3	4	5	6	7	Overweight people	1	2	3	4	5	6	7
Māori	1	2	3	4	5	6	7	Immigrants in general	1	2	3	4	5	6	7
Asians in general	1	2	3	4	5	6	7	Chinese	1	2	3	4	5	6	7
Pacific Islanders	1	2	3	4	5	6	7	Indians	1	2	3	4	5	6	7

Now please rate your feelings of **ANGER** toward these same groups on the scale below.

Feel <b>NO ANGER</b> Toward This Group 1	Neutral					Feel <b>ANGER</b> Toward This Group 7									
	2	3	4	5	6										
NZ Europeans	1	2	3	4	5	6	7	Overweight people	1	2	3	4	5	6	7
Māori	1	2	3	4	5	6	7	Immigrants in general	1	2	3	4	5	6	7
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Pacific Islanders	1	2	3	4	5	6	7	Indians	1	2	3	4	5	6	7

How **IMPORTANT** do you think the following behaviours are for a healthy lifestyle, and how **REGULARLY** do you do them?

	How <b>IMPORTANT</b> do you think this is for leading a healthy lifestyle?				How <b>REGULARLY</b> do you do this on a daily basis?			
	Unimportant	Important		Never	Rarely	Often	Always	
	0	1	2	3	0	1	2	3
Limit intake of salt.	0	1	2	3	0	1	2	3
Limit intake of saturated fats.	0	1	2	3	0	1	2	3
Limit intake of foods/drinks high in sugar.	0	1	2	3	0	1	2	3
Eat lots of fibre and whole grains.	0	1	2	3	0	1	2	3
Eat lots of fruit and vegetables.	0	1	2	3	0	1	2	3
Engage in regular physical activity.	0	1	2	3	0	1	2	3

<p>1. Which ethnic group do you belong to?</p> <p>Please tick <input checked="" type="checkbox"/> the box or boxes which apply to you.</p> <p>2. Are you male or female? <input type="checkbox"/> Male <input type="checkbox"/> Female</p> <p>3. What is your date of birth? _____ / _____ / _____</p> <p>4. How long have you lived at your current address? _____ (months) _____ (years)</p> <p>5. Which country were you born in? _____</p> <p>6a. What is your relationship status?</p> <p>If you are in a relationship ↴</p> <p>6b. How long have you been with your partner? _____ (years) _____ (months)</p> <p>6c. How satisfied are you with your relationship with your partner? (please circle a number on the scale below) <i>Not satisfied</i> 1 2 3 4 5 6 7 <i>Very satisfied</i></p> <p>7. Please rate how politically liberal versus conservative you see yourself as being: <i>Extremely liberal</i> 1 2 3 4 5 6 7 <i>Extremely conservative</i></p> <p>8a. What is your current employment situation?</p> <p>If you are currently employed ↴</p> <p>8b. How long have you worked in your current job for? _____ (years) _____ (months)</p> <p>8c. How satisfied are you with your current job? <i>Not satisfied</i> 1 2 3 4 5 6 7 <i>Very satisfied</i></p> <p>8d. How secure do you feel in your current job? <i>Not secure</i> 1 2 3 4 5 6 7 <i>Very secure</i></p> <p>9. How much money have you donated to charity in the last year? \$ _____</p> <p>10. How many other adults live in your household with you regularly? _____</p> <p>11. Do you believe in a God? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>12. Do you believe in some form of spirit or life force? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>13. What is your height? _____ (m)</p> <p>14. What is your weight? _____ (kg)</p> <p>15. Were you the 1<sup>st</sup> born, 2<sup>nd</sup> born, or 3<sup>rd</sup> born, etc, child of your mother? _____</p>	<p>16a. How many children have you given birth to, fathered, or adopted? _____ <i>(if none, please enter '0' and go to q. 17)</i></p> <p>16b. How many of your children live with you most of the time? _____</p> <p>17. Have you or the principal earner in your household been out-of-work at any time in the last year? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>18. Please estimate your total household income (before tax) for the year 2010 \$ _____</p> <p>19a. Are you pregnant? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>19b. If yes, what trimester are you in? _____</p> <p>20. Were you born premature? (i.e., born pre-term?) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unsure</p> <p>21. Were you breastfed as a baby? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unsure</p> <p>If you voted in 2008, to which party did you give your...</p> <p>22a. party vote? _____</p> <p>22b. electorate vote? _____ <i>(please list the party not the candidate)</i></p> <p>23a. Do you identify with a religion and/or spiritual group? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>23b. If yes to 23a, then what religion/spiritual group? _____</p> <p>23c. If yes to 23a, then how many times did you attend a church or place of worship in the last month? _____</p> <p>23d. If yes to 23a, how important is your religion to how you see yourself? <i>Not important</i> 1 2 3 4 5 6 7 <i>Very important</i></p> <p>24. Roughly how many hours have you spent with FRIENDS/FAMILY and OTHERS (e.g., workmates, strangers) from each group in the last week?</p> <table border="1"> <thead> <tr> <th></th> <th>Friends/family</th> <th>Others</th> <th></th> </tr> </thead> <tbody> <tr> <td>(a) Māori</td> <td>_____</td> <td>_____</td> <td>(hours)</td> </tr> <tr> <td>(b) NZ Europeans</td> <td>_____</td> <td>_____</td> <td>(hours)</td> </tr> <tr> <td>(c) Asians</td> <td>_____</td> <td>_____</td> <td>(hours)</td> </tr> <tr> <td>(d) Pacific Islanders</td> <td>_____</td> <td>_____</td> <td>(hours)</td> </tr> </tbody> </table> <p>25. Have you been diagnosed by a doctor with any of the following health conditions?</p> <p><input type="checkbox"/> High cholesterol <input type="checkbox"/> High blood pressure <input type="checkbox"/> Vitamin/mineral deficiency <input type="checkbox"/> Heart disease <input type="checkbox"/> Diabetes <input type="checkbox"/> Other _____</p> <p>26a. Do you plan to vote in the next New Zealand election in 2011? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unsure If yes, to which party do you plan to give your ...</p> <p>26b. party vote? _____</p> <p>26c. electorate vote? _____</p> <p>27. In the last year, have you personally...</p> <p>(a) been forced to buy cheaper food so that you could pay for other things you needed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(b) put up with feeling cold to save on heating costs? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(c) been the victim of a crime? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		Friends/family	Others		(a) Māori	_____	_____	(hours)	(b) NZ Europeans	_____	_____	(hours)	(c) Asians	_____	_____	(hours)	(d) Pacific Islanders	_____	_____	(hours)
	Friends/family	Others																			
(a) Māori	_____	_____	(hours)																		
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