

QUALITY OF LIFE

# Rangahau te Korou o te Ora / Quality of Life Survey 2024

## TECHNICAL REPORT



## ACKNOWLEDGEMENTS

This survey was conducted by Ipsos New Zealand on behalf of local and regional councils. Participating councils included Auckland Council, Tauranga City Council, Hamilton City Council, Hutt City Council, Porirua City Council, Wellington City Council, Christchurch City Council, Dunedin City Council and Waikato Regional Council.

A steering group from four councils managed the project on behalf of the others and worked in close collaboration with Ipsos New Zealand on this research project. The members of the Quality of Life management group were:

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For more information on the Quality of Life survey and to access the results for 2024, as well as reports from previous years, please go to the Quality of Life website

<https://www.qualityoflifeproject.govt.nz/>

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# 1. INTRODUCTION

## 1.1 Background

The Quality of Life survey 2024 is a collaborative local government research project. The primary objective is to measure residents' perceptions across a range of factors that impact New Zealanders' quality of life. The survey was originally established in response to growing pressures on urban communities, concern about the impacts of urbanisation, and the effect of this on residents' wellbeing. Participating councils use the survey results to help inform their policy and planning responses to population growth and change.

The survey measures residents' perceptions across several domains that contribute to quality of life and wellbeing, including:

- Overall quality of life
- Environment (built and natural)
- Housing
- Public transport
- Health and wellbeing
- Crime, safety, and local issues
- Community, culture, and economic networks
- Climate change
- Employment and economic wellbeing
- Council decision-making processes

This report outlines the technical details of the Quality of Life survey 2024, including the methodology, sampling, weighting, and data analysis.

## 1.2 Council involvement

The Quality of Life survey was first conducted in 2003, repeated in 2004, and has been undertaken every 2 years since. The number of participating councils varied each time.

The nine councils that participated in the Quality of Life survey 2024 are:

- Auckland Council
- Waikato Regional Council
- Tauranga City Council
- Hamilton City Council
- Hutt City Council
- Porirua City Council
- Wellington City Council
- Christchurch City Council
- Dunedin City Council

The target population was New Zealanders aged 18+ years, living within the areas governed by the participating councils.

The results for 2024 are provided in the Quality of Life survey 2024 Topline Report<sup>1</sup>. The results for all nine council areas are reported separately and, in addition, the aggregated result for the eight city councils (including Auckland Council but excluding Waikato Regional Council) is provided (referred to throughout as the '8-city total').

### **1.3 Final sample size**

A total sample of n=6994 was achieved.

This included 6194 residents aged 18+ living in the eight cities and an additional 800 residents living in the broader Waikato region.

### **1.4 Survey timing**

Fieldwork took place between 23 April and 1 August 2024.

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<sup>1</sup> Ipsos New Zealand. (2025). Quality of Life survey 2024: topline report. A report prepared on behalf of Auckland Council, Wellington City Council, Christchurch City Council, and Dunedin City Council.

## 2. RESEARCH DESIGN

This section details the 2024 survey method, sampling, and questionnaire design.

### 2.1 Method

A different survey method was undertaken in 2024 from previous rounds, in the face of increasing postal costs, reduced postal delivery services and falling response rates for hard-copy surveying.

Respondents were recruited via online research panels, river sampling and recontacts, followed by a face-to-face intercept survey method. All respondents self-completed the same online survey.

This change was made to help deliver value for money and improve sample certainty. More details are below.

Please note that due to the changes to, and variety of, the modes of invitation and recruitment, overall response rates cannot be calculated and have not been provided this year.

Please refer to Section 4 for further details on the sample achieved by each channel in each city.

#### Online surveying

The first stage of the research was conducted via an online survey, with the sample of respondents recruited from a blend of reputable New Zealand panels and non-panel sample sources (river sample).

River sampling recruits respondents in real time from in-app- and in-browser-based advertisements on gaming, social media sites, and reward and loyalty programme sites. Respondents are rewarded / incentivised by the app or site from which they were recruited (e.g. they may receive extra gems from a gaming site if recruited from a gaming site).

Using a blend of respondent panel suppliers and non-panel sources (river sampling) allows us to reach people who are not typically members of online research panels. We recruited respondents from multiple, high-quality online respondent panel providers (i.e. Ipsos iSay, Kantar ConsumerLink, Octopus, Dynata, Pure Profile, and Mobopinions), which helps to reduce possible bias of any individual panel.

Ipsos surveys are monitored and overseen by Ipsos Interactive Services, Ipsos' specialist online panel operations team, to ensure individuality between panels and to monitor inattentive or fraudulent respondents. Ipsos employs digital fingerprinting to ensure that respondents who enter their surveys are unique (i.e. they only take the survey once) and fresh (i.e. they have not participated recently in a similar survey). Digital fingerprinting is a process that collects information and data points from a respondent's device and creates a unique identifier based on its distinctive characteristics. This technology finds overlaps between seemingly "unconnected" accounts and devices, making deduplication more powerful. This identifier is checked by our system, which then either grants or denies access to a survey and prevents multiple entries into the same survey. It is also used to reject respondents who completed a similar survey recently from the same device.

To supplement the online panel and river sample, the Quality of Life management group provided a recontact list, consisting of 1,370 participants from previous survey waves who had agreed to be contacted for future research.



Auckland Council also invited members of its People's Panel to complete the survey. A total of 12,496 survey invitations were sent via email by Auckland Council to members of the People's Panel on 8-9 May, each containing a unique survey link provided by Ipsos.

### **Face-to-face intercept**

By conducting an online survey and maximising the online sample first, we were able to take a targeted approach to face-to-face intercept interviews, focusing on harder-to-reach audiences and areas that are less well-covered by online panels. This method also encourages the inclusion of people who may not have access to the internet.

Quotas were set across both online and face-to-face intercept methods, with the face-to-face method filling quota groups that were not achieved online.

Prior to commencing fieldwork, Ipsos' specialist face-to-face fieldwork team recruited and trained 19 experienced field interviewers based in the relevant cities and regions to work on this project: four in Auckland; three in Tauranga; two in Hamilton; two in the Waikato region; five in Hutt City, Porirua, and Wellington (working across all three council areas); one in Christchurch; and two in Dunedin.

All interviewers were required to attend and complete a comprehensive training and sign-off session prior to being placed in field. Interviewers were trained and tested to ensure they have a good background understanding of the Quality of Life survey and the purpose of the survey, are able to explain to respondents why they should participate, and are able to effectively recruit respondents in a variety of scenarios and settings. Interviewers were also trained in objection handling and to address any questions or concerns about privacy and data security.

While in field, interviewers were equipped with laminated FAQ and information sheets [see appendix 2.1 and 2.6] to help answer respondents' questions about the survey. They were available to help with any questions about the online survey completion or with use of the tablet. When respondents were not comfortable or able to complete the survey independently (e.g. those who had difficulty reading), the interviewer was also able to assist.

Interviewers were positioned in a number of high-foot traffic locations in each council area and were managed throughout their shifts to ensure respondent yield was maximised in each location and were moved to a new location if required either during a shift or for subsequent shifts. The field interview team worked in shifts, across 7 days a week and mostly between the hours of 9am and 6pm.

The locations and interviewing times were assessed daily, based on the quota requirements and learnings from previous shifts around yield of locations. We were also careful to not overuse a single location (e.g. a library) as this could have had influence on the results. In the instances where a particular age group or demographic was required, we aimed to tailor the interviewing location e.g. sports grounds when needing younger people.

Fieldwork timing and locations were adapted depending on weekend vs weekday, and to allow us to take advantage of special events, so on some occasions, interviewers worked as early as 7:30am or as late as 8pm.

Interview locations included:

- Auckland: Markets / malls / and shopping areas (Otara, Silverdale, Glenfield, Papakura, Henderson, Britomart, Takapuna); libraries (Auckland Central, Birkenhead, Manukau, Papatoetoe, Otahuhu); and universities (University of Auckland, AUT)

- Hamilton: Parks (Minogue Park, Hamilton Lake Domain); shopping areas (Centre Place, Grey Street), libraries (Hillcrest, Central Hamilton); and sports grounds / clubs (Hamilton City Tigers League Club, Netball Centre)
- Tauranga: Markets / shopping centres (Fraser cove, Fashion Island, Gate Pa, Mount Mainstreet Urban Market); libraries (Papamoa, Mount Maunganui); sports grounds / pools (Blake Sports Park, Gordon Spratt, Baywave Community Pool)
- Waikato: Main hubs / markets / shopping areas (Te Manawa, Kauirau Park Market, Otorohanga main street); sports grounds / clubs (Lakes Football Club, Waiariki Football Club); parks / events (Lakefront Park, Matariki at Te Puia)
- Hutt City: Markets / malls / shopping areas (Petone, Naenae, Wainuiomata, Moera, Maungaraki Riverbank Market,); sports grounds / hubs (Walter Nash Centre, Fraser Park)
- Wellington: Main hubs / shopping areas (Johnsonville, Newtown, Karori)
- Porirua: Shopping areas / malls (Cannons Creek, Cobham Court, North City); sports grounds (Kapi Mana Netball Centre); Porirua Library
- Christchurch: Main hubs (Bus Interchange, Tūranga Central Library, Margaret Mahy Playground); Markets / shopping areas (Riccarton Farmers Market, South Christchurch Farmers Market, Seaside Farmers Market) Sports grounds / hubs / pools (Pioneer Rec Centre, Ngā Puna Wai, QEII Pool and café)
- Dunedin: University of Otago (OUSA, dining areas); main hubs / shopping areas (Mosgiel, George Street, St Kilda); sports grounds / pools (Dunedin RFC, Moana Pool, Dunedin Ice Stadium).

While in field, interviewers wore bright blue Ipsos-branded vests and carried an Ipsos photo ID, and approached a random selection of respondents in their designated area. Interviewers were trained in and tested on how to approach potential respondents. As the survey covers a range of topics, we encouraged interviewers to incorporate survey content and local knowledge in their recruitment attempt that was likely to encourage local respondents to take part. Once recruited, respondents self-completed the survey using electronic tablets. There were a small number of occasions where respondents requested the interviewer to assist or conduct the survey as a face-to-face interview, to overcome literacy or technology barriers. Respondents were able to ask interviewers for assistance or further information throughout the survey.

## 2.2 Questionnaire design

The questionnaire used for the 2024 Quality of Life survey was adapted from previous years' versions. The Quality of Life management group reviewed the 2022 questionnaire to ensure that the 2024 survey would provide relevant and useful information.

Individual hard-copy questionnaires for each city / region were provided by the Quality of Life management group to Ipsos. These were transformed and adapted into one questionnaire by Ipsos in collaboration with the Quality of Life management group to enable the creation of one single survey link to be used across all the different sample types as well as different cities and regions.

This primarily involved adding a suburb question (to identify the ward / area of the respondent in their respective city or region) and relocating several demographic questions (i.e. ethnicity, gender, and age) to the start of the survey to act as screeners and enable quota allocations.

A summary of changes made to the 2024 questionnaire follows.

## New or modified questions

Table 1: New or modified questions in 2024

Question topic	Question number		Change from 2022
	2022	2024	
Respondent region	Q1	D4	<p>Removed options:</p> <ul style="list-style-type: none"> <li>- Te Awa Kairangi ki Uta / Upper Hutt</li> <li>- Kāpiti Coast</li> <li>- South Wairarapa</li> <li>- Masterton</li> <li>- Carterton</li> </ul> <p>Added options:</p> <ul style="list-style-type: none"> <li>- Waikato region (excluding Hamilton)</li> </ul>
Respondent ward	NA	Q1_ward	Added screener question for each region – <i>Which area of [region] do you currently live in?</i> [See appendix 3]
Respondent suburb	NA	Q1_sub	Added screener question for each region, asked if ward is unknown – <i>Which suburb do you currently live in?</i> [See appendix 3]
Respondent ethnicity	Q42	D2	Moved from closing to opening demographics
Respondent gender	Q43	D1	Moved from closing to opening demographics
Respondent age	Q44	D3	Moved from closing to opening demographics
Reasons for change in quality of life	Q82	Q4a/b	<p>Reworded – <i>Why do you say your quality of life has changed in the last 12 months?</i> (2022 – <i>Why do you say your quality of life has changed?</i>)</p>
Rating of city / local area look and feel	Q84	Q5	<p>Reworded – <i>I feel really happy with the way &lt;city / local area&gt; looks and feels.</i> (2022 – <i>I feel a sense of pride in the way &lt;city / local area&gt; looks and feels</i>)</p>
Reasons for improvement / worsening of city / local area	Q72	Q7a/b	<p>Reworded – <i>Why do you say &lt;city / local area&gt; has changed in the last 12 months as a place to live?</i> (2022 – <i>Why do you say &lt;city / local area&gt; has become worse / better as a place to live?</i>)</p>
Statements about home currently living in	Q8	Q8	<p>Reworded statement – <i>The <b>home</b> you live in suits the needs of everyone in your household</i> (2022 – <i>The type of home you live in suits your needs and the needs of others in your household</i>)</p> <p>Reworded statement – <i>The <b>general area or neighbourhood</b> your home is in suits the needs of everyone in your household</i> (2022 – <i>The general area or neighbourhood your home is in suits your needs and the needs of others in your household</i>)</p>
Safety in city / local area	Q9	Q9	Added option – <i>walking in your neighbourhood after dark</i>

Question topic	Question number		Change from 2022
	2022	2024	
Problems in city / local area	Q10	Q10	<p>Removed following statements:</p> <ul style="list-style-type: none"> <li>- Air pollution</li> <li>- Water pollution, including pollution in streams, rivers, lakes, and in the sea</li> <li>- Noise pollution</li> <li>- Alcohol or drug problems or anti-social behaviour associated with the use of alcohol or drugs</li> <li>- People begging on the street</li> <li>- People sleeping rough on the streets / in vehicles</li> <li>- Racism or discrimination towards particular groups of people</li> <li>- Limited parking in the &lt;nearest&gt; city centre / your local area</li> </ul> <p>Added / changed following statements:</p> <ul style="list-style-type: none"> <li>- Rubbish or litter dumped in public areas (e.g. on streets, vacant areas, in parks)</li> <li>- Noise pollution during the day (changed from Noise pollution)</li> <li>- Noise pollution at night (changed from Noise pollution)</li> <li>- Limited parking in your local area (changed from Limited parking &lt;in the nearest city centre / your local area&gt;)</li> <li>- Limited parking in the city centre (changed from Limited parking &lt;in the nearest city centre / your local area&gt;)</li> </ul>
Social issues in city / local area	NA	Q11	<p>Added question – Thinking about the following <b>social issues</b>, to what extent, if at all, has each of the following been an issue in &lt;city / local area&gt; over the <b>past 12 months</b>?</p> <p>Added statements:</p> <ul style="list-style-type: none"> <li>- People you feel unsafe around because of their behaviour, attitude, or appearance</li> <li>- Alcohol or drug problems or anti-social behaviour associated with the use of alcohol or drugs</li> <li>- People begging in public spaces</li> <li>- People sleeping rough in public spaces / in vehicles</li> <li>- Racism or discrimination towards particular groups of people</li> </ul>
Use of public transport	Q13a	Q12	<p>Reworded – In the <b>last 12 months</b>, how often have you used <b>public</b> transport in &lt;city / local area&gt;?</p> <p>(2022 – In the last 12 months, how often have you used public transport?)</p>
Alternatives to driving	NA	Q14	<p>Added question – Thinking about <b>transport in</b> &lt;city / local area&gt;, how much do you agree with the following statements?</p> <p>Added statements:</p>

Question topic	Question number		Change from 2022
	2022	2024	
			<ul style="list-style-type: none"> <li>- It's <b>easy for me</b> to get to the places I need to go <b>without the use of a private vehicle</b> (e.g. car, ute, van, motorbike, etc.)</li> <li>- Public transport is a <b>practical alternative to driving</b> for the trips I usually need to make</li> <li>- The <b>bike network</b> in my local area is <b>safe</b> (e.g. separated cycle lanes, shared walking and cycling paths, painted cycle lanes)</li> </ul>
Public influence on council decisions	Q18	Q16	<p>Reworded – Overall, how much influence do you feel the public has on the decisions the &lt;city council / regional council&gt; makes?</p> <p>(2022 – Overall, how much influence do you feel the public has on the decisions the Council makes?)</p>
Employment situation	Q19N	Q17	<p>Reworded – Which of the following applies to <b>your personal</b> current situation?</p> <p>(2022 – Which of the following applies to your current situation?)</p>
Reasons for satisfaction in work–life balance	NA	Q19a/b	Added open-ended question – And why did you say that?
Total income meets needs	Q23	Q20	Moved question to follow directly after Q19a/b
Worry about financial circumstances	NA	Q21	Added question – In the <b>last 3 months</b> , how often were you <b>worried</b> about the financial circumstances of you and your family / whānau?
Access to emergency funds	NA	Q22	Added question – If you had to pay a \$2,000 bill unexpectedly, could you access the money <b>within a week and without going into debt</b> ?
Rating of general health and wellbeing	Q87	Q23	<p>Added answer options:</p> <ul style="list-style-type: none"> <li>- <b>Physical</b> health and wellbeing (tana tinana)</li> <li>- <b>Mental</b> health and wellbeing (tana hinengaro)</li> <li>- <b>Spiritual</b> health and wellbeing (taha wairua)</li> <li>- <b>Relationship</b> health and wellbeing (e.g. with family / whānau and friends) (tana whānau)</li> </ul> <p>2022 answer options:</p> <ul style="list-style-type: none"> <li>- Overall health</li> <li>- Physical health</li> <li>- Mental health</li> </ul>
Sense of community	Q24	Q25	Swapped order of statements – 1: I feel a sense of community with others in my neighbourhood; 2: It's important to me to feel a sense of community with people in my neighbourhood.
Social networks and groups	Q76	Q26	Added statement – Parent / grandparent group (e.g. antenatal groups, play groups, coffee groups)
Faced barriers to seeking healthcare	NA	Q31	Added question – In the last 12 months, have you, or anyone in your household, faced any barriers to seeking health-related treatment or advice?

Question topic	Question number		Change from 2022
	2022	2024	
Barriers to healthcare faced	NA	Q32	<p>Added question – What <b>barriers</b> did you or someone in your household face in seeking this treatment or advice?</p> <p>Added statements:</p> <ul style="list-style-type: none"> <li>- Concerned about catching COVID-19 or other illnesses</li> <li>- Wait time for an appointment was too long</li> <li>- Couldn't get an appointment at a time that suited me (due to my work or family needs)</li> <li>- Concerned about the financial cost</li> <li>- Didn't have transport to get to an appointment</li> <li>- My health provider couldn't meet my cultural or language needs</li> <li>- Thought help was unavailable</li> <li>- My health provider had to postpone my appointment or treatment</li> <li>- Felt embarrassed or uncomfortable about seeking help</li> <li>- Other (specify)</li> </ul>
Trust in institutions	NA	Q33	<p>Added question – How much do you <b>trust</b> the following institutions in Aotearoa New Zealand? Even if you've had very little or no contact with them, please base your answer on your general impression of them.</p> <p>Added options:</p> <ul style="list-style-type: none"> <li>- The police</li> <li>- The public education system</li> <li>- The media</li> <li>- The justice system</li> <li>- Central government (e.g. elected Members of Parliament, Government departments)</li> <li>- Local government (e.g. your local Council and local Councillors)</li> <li>- The public health system</li> <li>- Scientists</li> </ul>
Trust people in city / local area	NA	Q34	<p>Added question – And in general, how much do you <b>trust people in &lt;city / local area&gt;?</b></p>
Climate problems in city / local area	NA	Q37	<p>Added question – To what extent, if at all, have the following been a problem in &lt;city / local area&gt; over the <b>past 12 months?</b></p> <p>Added options:</p> <ul style="list-style-type: none"> <li>- Air pollution</li> <li>- Water pollution, including pollution in streams, rivers, lakes, and in the sea</li> <li>- Coastal erosion</li> <li>- Too much water (e.g. flooding)</li> <li>- Not enough water (e.g. drought, water supply issues)</li> <li>- Landslips</li> <li>- Increased heat and fire risk</li> </ul>



Question topic	Question number		Change from 2022
	2022	2024	
Readiness to face the impacts of climate change	NA	Q38	Added question – <i>How <b>ready</b> do you and your household feel to <b>face the impacts</b> of the following issues?</i> Added options: <ul style="list-style-type: none"> <li>- Too much water (e.g. flooding, severe storms, landslips)</li> <li>- Not enough water (e.g. drought)</li> <li>- Increased heat and fire risk (e.g. wildfires)</li> </ul>
Understanding of climate change and its possible impacts	NA	Q39	Added question – <i>How well do you think you understand climate change and the impacts it could have on &lt;city / local area&gt; <b>in the next 5 years?</b></i>
Born in New Zealand	Q45	D7	Moved to beginning of closing demographics
How many years lived in New Zealand	Q46	D8	Moved to beginning of closing demographics, after D7
Descended from Māori	NA	D9	Added Stats NZ iwi affiliation questions – <i>Are you descended from Māori (that is, did you have a Māori birth parent, grandparent, or great-grandparent, etc.)?</i>
Name(s) of iwi known	NA	D10	Added Stats NZ iwi affiliation questions – <i>Do you know the name(s) of your iwi (tribe or tribes)?</i>
Name of area, rohe, or region of iwi	NA	D11	Added Stats NZ iwi affiliation questions – <i>What is the name and home area, rohe, or region of your iwi?</i> [See appendix 4]
Iwi	NA	D11_2	Added Stats NZ iwi affiliation questions – <i>Please select your iwi (tribe or tribes) from the list below, or type in your iwi name(s).</i> [See appendix 4]
Type of home living in	Q80	D12	Added option – <i>Duplex (semi-attached – home is connected to one other home)</i>
Household members	NA	D14	Added question – <i>Who <b>lives</b> in your household? Your household includes the people who <b>usually</b> live in your home.</i> Added options: <ul style="list-style-type: none"> <li>- Your parent(s)</li> <li>- Your partner / spouse</li> <li>- Your child(ren) aged under 5 years</li> <li>- Your child(ren) aged 5–12 years</li> <li>- Your child(ren) aged 13–17 years</li> <li>- Your adult child(ren) (aged 18 years and over)</li> <li>- Other child(ren) (e.g. grandchild, sibling, cousin, non-related children)</li> <li>- Other adults related to you (e.g. grandparents, cousins)</li> <li>- Other adults not related to you (e.g. flatmates, friends)</li> <li>- None of these, I usually live alone</li> <li>- Prefer not to say</li> </ul>

Question topic	Question number		Change from 2022
	2022	2024	
Final statement about quality of life	Q126	Q41	Reworded – <i>Finally, do you have any other comments about quality of life in &lt;city / local area&gt;?</i> (2022 – <i>Do you have any other comments about quality of life in your city?</i> )

## Questions removed

Table 2: Questions or answer options removed in 2024

Question topic	Question number	Change from 2022
Years lived in city / local area	Q2	Removed from questionnaire
Consideration of relocation, and reason	Q110 & Q111	Both removed from questionnaire
Effects of COVID-19 on use of public transport	Q101	Removed from questionnaire
Business ownership	Q113	Removed from questionnaire
Business ownership – current staff employed	Q114	Removed from questionnaire
Business ownership – previous staff employed	Q115	Removed from questionnaire
Business ownership – changes because of COVID-19	Q116	Removed from questionnaire
WHO Wellbeing Index	Q77	Removed from questionnaire
Impact of COVID-19	Q118	Removed from questionnaire
Treatment for COVID-19	Q119	Removed from questionnaire
Refused / delayed seeking treatment for COVID-19	Q120	Removed from questionnaire
Faced prejudice or intolerance in city / local area	Q90a	Removed option: <i>COVID-19 vaccination status</i>
Witnessed another facing prejudice or intolerance in city / local area	Q90v	Removed from questionnaire
Climate actions taken	Q122	Removed from questionnaire
Worry about climate change	Q92	Removed options: - <i>I don't know enough about climate change</i> - <i>I don't believe in climate change</i>



### 2.3 Quality of life measure

In 2018, the scale was changed from 5 points to 7 points – *Would you say your overall quality of life is...* (extremely poor, very poor, poor, neither poor nor good, good, very good, extremely good)? – to provide more granularity.

Additionally, the question was asked twice – at the beginning and end of the survey – for the purpose of testing whether respondents rated their quality of life differently, having considered the issues raised in the survey. It was found that by placing the quality of life measure at the end of the survey, responses to this question were more likely to be influenced by preceding questions.

Based on this, the overall quality of life measure was asked at the beginning of the survey from 2020 onwards. This was kept consistent for the 2024 survey.

### 2.4 Survey programming

The survey was programmed in Dimensions (Ipsos' online survey software). A copy of the final questionnaire is included in Appendix 1. While the survey appears slightly differently for respondents depending on their area, a single master questionnaire was programmed. Routing was used to direct respondents to relevant questions and where applicable, the survey was programmed to present questions with specific references to the respondent's selected city or region.

#### Questionnaire differences by council area:

- Area currently living in (Q1)
- The following questions refer to *your local area* for respondents who indicate they live in the Auckland or Waikato region and the *specific city name* (e.g. *Hutt City*) for those who indicate they live in other council areas:
  - View of local area or city as a great place to live (Q6, 7)
  - Rating of problems in local area or city in previous 12 months (Q10)
  - Rating of social issues in local area or city in previous 12 months (Q11)
  - Use of public transport in local area or city in previous 12 months (Q12)
  - Experiences with and perceptions of public transport in local area or city in previous 12 months (Q13)
  - Perceptions of transport in local area or city in previous 12 months (Q14)
  - Perceptions of council decision-making (Q15, 16)
  - Level of trust in people in local area or city (Q34)
  - Social connections, expressions of identity, and experiences of discrimination in local area or city (Q35, Q36)
  - Impacts of and readiness for climate change (Q37, Q38, Q39, Q40)
  - Additional comments on quality of life in local area or city (Q41)

### 2.5 Survey length

The median completion time for the survey was 16 minutes. The median time for online survey completion was 15 minutes, and the median time for face-to-face intercept survey completion time was 19 minutes.

## 2.6 Survey materials

A Frequently Asked Questions (FAQs) page was developed for face-to-face respondents, which covered key information about the objectives of the research, fieldwork dates, survey length, respondent anonymity, and the prize draw terms and conditions [see Appendices 2.1 and 2.2].

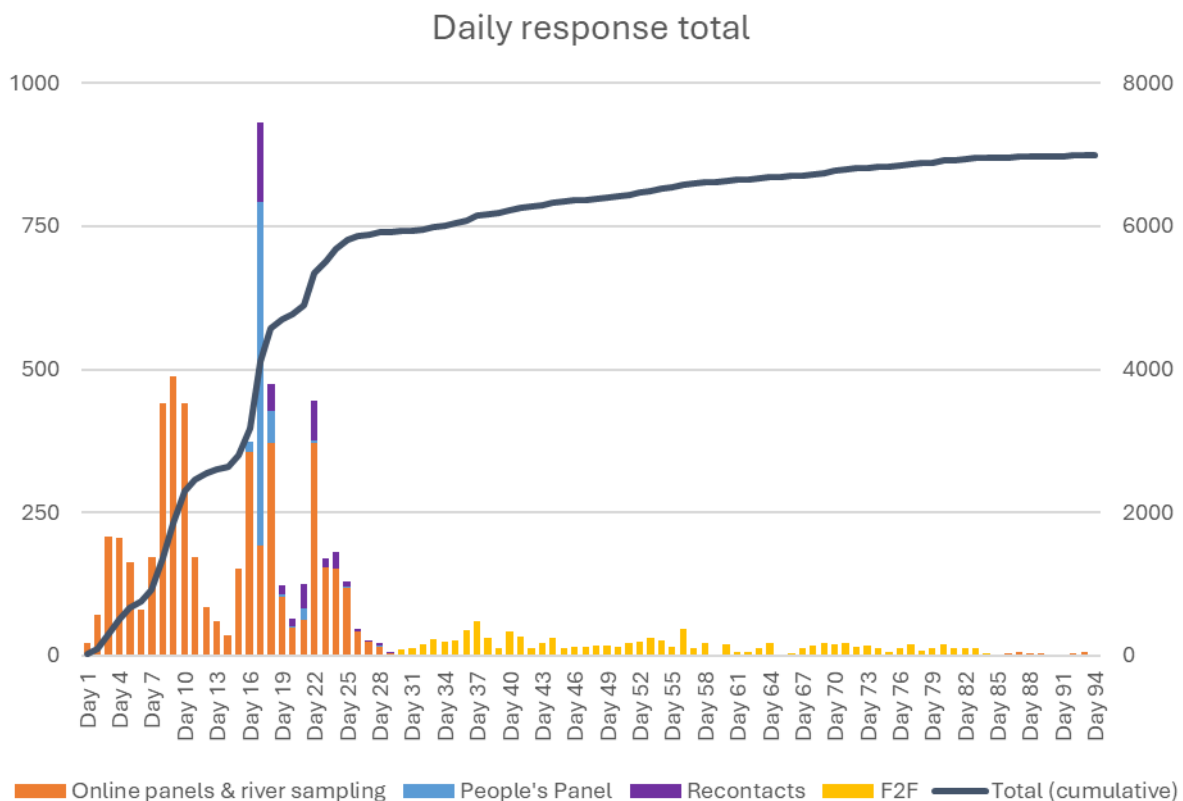
## 2.7 Fieldwork timeline

The dates for the stages of fieldwork are included below.

*Table 3: Fieldwork timing*

Stage	Dates
Ipsos online panel & river sample	23 April–19 May (re-opened to collect more responses during 23 July–1 August)
Recontact & Auckland Council's People Panel sample	9–19 May
Face-to-face intercept	24 May–20 July (24 May–28 June for Tauranga)

*Figure 1: Survey completes by day and channel*



## 2.9 Incentives

A prize-draw incentive was offered to those who completed the survey through face-to-face intercepts, recontact, or the Auckland Council People's Panel. Respondents could elect to go into the draw to win one of five \$250 Prezzy© cards.

The online panel and river sampling respondents were incentivised through their panels or the apps / sites they were recruited from. As an example, the Ipsos i-Say panel uses a point system to incentivise panellists and respondents. The system is neutral and does not skew the participation of specific groups of people. Point values are based on a percentage (less than the average hourly rate after taxes) so as not to create full-time panel employees. Panellist redemption prizes typically include merchandise, prepaid cards, and large numbers of programme points.

### 3. SAMPLE DESIGN AND PROCESS

This section of the report outlines details of the sample design, including the target population, sampling process, and the sample targets.

#### 3.1 Target population

The target population for this research is New Zealanders aged 18+ who live in Auckland, Hamilton, the Waikato region, Tauranga, Hutt City, Porirua, Wellington, Christchurch, and Dunedin.

#### 3.2 Sample targets

Sample targets were set at an overall council area level. More detailed quotas were also set at individual council area for the sample to represent as best as possible the population by gender, age, ethnicity, and local ward / area. Quota groups were independent of each other, not nested.

The overall sample target for this research was  $n=6,875$ . Based on feasibility across online panels and river sampling, we estimated that we would be able to achieve a maximum sample of  $n=5,330$  online. The online sample alone would not be sufficient, necessitating the use of face-to-face intercepts to supplement it. This mixed-method approach allowed us to fill the online survey sample gaps, including the harder-to-reach respondents.

The gender target quota groups were males and females; however, respondents had the option of selecting *Another gender* and *Prefer not to answer* for their gender identity.

The age target quota groups were 18-24-year-olds, 25-34-year-olds, 35-49-year-olds, 50-64-year-olds, and over-65-year-olds.

The target areas were as follows:

- Auckland: North Auckland, West Auckland, Central Auckland, South Auckland, East Auckland, and Rural Auckland [for more details on which local boards make up these areas, please see appendix 5. Please also note that previous iterations of the survey required a minimum of  $n=100$  completed surveys for all 21 local boards in Auckland, with the exception of Waiheke and Aotea / Great Barrier, which were combined]
- Hamilton: West Ward and East Ward
- Tauranga: Papamoa, Arataki, Mauao / Mount Maunganui, Matua-Ōtūmoetai, Bethlehem, Tauriko, Te Papa, Welcome Bay
- Waikato: Thames-Coromandel, Hauraki & Matamata-Piako; Waikato & Waipā; Waitomo & Ōtorohanga; and South Waikato, Taupō & Rotorua
- Hutt City: Western Ward, Harbour Ward, Northern Ward, Central Ward, Eastern Ward, and Wainuiomata Ward
- Wellington: Takapū / Northern, Wharangi / Onslow-Western, Pukehinau / Lambton, Motukairangi / Eastern, and Paekawakawa / Southern
- Porirua: Onepoto and Pāuatahanui
- Christchurch: Waimāero Fendalton-Waimairi-Harewood, Waitai Coastal-Burwood-Linwood, Waipuna Halswell-Hornby-Riccarton, Waipapa Papanui-Innes-Central, Waihoru Spreydon-Cashmere-Heathcote, and Te Pātaka o Rākaihautū Banks Peninsula
- Dunedin: Main Urban Area, South Dunedin, Mosgiel Urban Area, and North Otago / Otago Peninsula & South Coast / Strath Taieri

The table below outlines the sample target for each target group by city / region.

*Table 4: Sample targets*

Quota Group	Sample Target	%
<b>AUCKLAND</b>		
<b>Gender</b>		
Male	1,221	49%
Female	1,279	51%
<b>Age</b>		
18–24 years	328	13%
25–34 years	529	21%
35–49 years	673	27%
50–64 years	569	23%
65+ years	401	16%
<b>Ethnicity<sup>2</sup></b>		
European & Other	1,438	58%
Māori	237	9%
Pacific peoples	314	13%
Asian	713	29%
<b>Area</b>		
North Auckland	500	20%
West Auckland	400	16%
Central Auckland	650	26%
South Auckland	500	20%
East Auckland	200	8%
Rural Auckland	250	10%
<b>TAURANGA</b>		
<b>Gender</b>		
Male	236	47%
Female	264	53%
<b>Age</b>		
18–24 years	46	9%
25–34 years	83	17%
34–49 years	125	25%
50–64 years	117	23%
65+ years	129	26%

<sup>2</sup> Multi-response category

Quota Group	Sample Target	%
<b>Ethnicity</b>		
European & Other	424	85%
Māori	72	14%
Pacific peoples	10	2%
Asian	35	7%
<b>General Ward</b>		
Papamoa	70	14%
Arataki	62	12%
Mauao / Mount Maunganui	55	11%
Matua-Ōtūmoetai	61	12%
Bethlehem	62	12%
Tauriko	61	12%
Te Papa	61	12%
Welcome Bay	67	13%
<b>HAMILTON</b>		
<b>Gender</b>		
Male	239	48%
Female	261	52%
<b>Age</b>		
18–24 years	83	17%
25–34 years	110	22%
34–49 years	127	25%
50–64 years	101	20%
65+ years	79	16%
<b>Ethnicity</b>		
European & Other	340	68%
Māori	98	20%
Pacific peoples	23	5%
Asian	92	18%
<b>General Ward</b>		
East	231	46%
West	269	54%
<b>WAIKATO</b>		
<b>Gender</b>		
Male	394	49%
Female	406	51%

Quota Group	Sample Target	%
<b>Age</b>		
18–24 years	76	10%
25–34 years	121	15%
34–49 years	194	24%
50–64 years	216	27%
65+ years	193	24%
<b>Ethnicity</b>		
European & Other	663	83%
Māori	157	20%
Pacific peoples	21	3%
Asian	36	5%
<b>District</b>		
Thames-Coromandel, Hauraki, Matamata-Piako	200	25%
Waikato, Waipā	242	30%
Waitomo, Ōtorohanga	100	13%
South Waikato, Taupō, Rotorua	258	32%
<b>PORIRUA</b>		
<b>Gender</b>		
Male	239	48%
Female	261	52%
<b>Age</b>		
18–24 years	60	12%
25–34 years	91	18%
35–49 years	144	29%
50–64 years	124	25%
65+ years	81	16%
<b>Ethnicity</b>		
European & Other	324	65%
Māori	93	19%
Pacific peoples	112	22%
Asian	42	8%
<b>General Ward</b>		
Onepoto	301	60%
Pāuatahanui	199	40%

Quota Group	Target Sample	%
<b>HUTT CITY</b>		
<b>Gender</b>		
Male	243	49%
Female	257	51%
<b>Age</b>		
18–24 years	58	12%
25–34 years	97	19%
35–49 years	134	27%
50–64 years	122	24%
65+ years	89	18%
<b>Ethnicity</b>		
European & Other	354	71%
Māori	77	15%
Pacific peoples	47	9%
Asian	74	15%
<b>Ward</b>		
Western	78	16%
Harbour	90	18%
Northern	76	15%
Central	81	16%
Eastern	85	17%
Wainuiomata	90	18%
<b>WELLINGTON</b>		
<b>Gender</b>		
Male	241	48%
Female	259	52%
<b>Age</b>		
18–24 years	88	18%
25–34 years	111	22%
35–49 years	132	26%
50–64 years	104	21%
65+ years	65	13%
<b>Ethnicity</b>		
European & Other	392	78%
Māori	38	8%
Pacific peoples	22	4%
Asian	88	18%



Quota Group	Target Sample	%
<b>General Ward</b>		
Takapū / Northern	118	24%
Wharangi / Onslow-Western	102	20%
Pukehinau / Lambton	111	22%
Motukairangi / Eastern	89	18%
Paekawakawa / Southern	80	16%
<b>CHRISTCHURCH</b>		
<b>Gender</b>		
Male	248	50%
Female	252	50%
<b>Age</b>		
18–24 years	66	13%
25–34 years	100	20%
35–49 years	125	25%
50–64 years	115	23%
65+ years	94	19%
<b>Ethnicity</b>		
European & Other	405	81%
Māori	40	8%
Pacific peoples	15	3%
Asian	72	14%
<b>Community Board</b>		
Te Pātaka o Rākaihautū Banks Peninsula	12	2%
Waihoru Spreydon-Cashmere-Heathcote	96	19%
Waipuna Halswell-Hornby-Riccarton	108	22%
Waimāero Fendalton-Waimairi-Harewood	90	18%
Waitai Coastal-Burwood-Linwood	97	19%
Waipapa Papanui-Innes-Central	97	19%
<b>DUNEDIN</b>		
<b>Gender</b>		
Male	237	47%
Female	263	53%
<b>Age</b>		
18–24 years	103	21%
25–34 years	74	15%
35–49 years	107	21%
50–64 years	115	23%

Quota Group	Target Sample	%
65+ years	101	20%
<b>Ethnicity</b>		
European & Other	447	89%
Māori	112 <sup>3</sup>	22%
Pacific peoples	13	3%
Asian	38	8%
<b>Area</b>		
Main Urban	322	64%
South Dunedin	51	10%
Mosgiel Urban	52	10%
North Coast / Otago Peninsula & South Coast / Strath Taieri	75	15%

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<sup>3</sup> Includes a booster of n=75.

## 4. DATA COLLECTION, SAMPLE SIZE, AND SAMPLE WEIGHTING

### 4.1 Data collection

#### Collection of data

The online surveys were conducted by Ipsos and were designed to be device-agnostic. Respondents saw the best layout for their computer / tablet / phone, regardless of the device type or brand used.

#### Update of response numbers

Response numbers were tracked every weekday and shared regularly with all members of the research team. The Quality of Life management group received updates on the response numbers weekly.

### 4.2 Mode of response

For the purposes of data collection and target monitoring, responses were grouped into online (which includes surveys completed via Ipsos panels, river sample, recontacts, and Auckland Council's People's Panel) and face-to-face throughout the fieldwork process.

Final results tables will be reported at total level only.

### 4.3 Sample achieved

A total sample of n=6,994 was achieved.

The following table summarises the target and the achieved samples from all the different sample sources. More detail on recontact and People's Panel samples are detailed overleaf.

*Table 5: Target sample, achieved sample (online and face-to-face)*

Council area	Sample target	Online panel sample achieved	Online river sample achieved	Online recontact & People's Panel sample achieved	Face-to-face sample achieved	Total sample achieved
Auckland	2500	811	787	757	169	2524
Tauranga	500	296	123	34	51	504
Hamilton	500	294	140	32	61	527
Porirua	500	147	47	53	253	500
Hutt City	500	230	87	43	165	525
Wellington	500	230	203	42	34	509
Christchurch	500	289	166	27	42	524
Dunedin	575	268	130	51	132	581
<b>8-City Total</b>	6075	2565	1683	1039	907	6194
Waikato region (excl. Hamilton)	800	449	157	59	135	800
<b>Total</b>	6875	3014	1840	1098	1042	6994

## Recontacts

The primary research approach was supplemented by contacting 1,370 respondents sourced from the 2022 Quality of Life Survey who had given permission to be recontacted for further research. The recontact invitations were sent to respondents in all cities via email, from 9 to 19 May 2024.

This approach resulted in an extra 396 respondents completing the 2024 Quality of Life survey.

Respondents who may have moved to a different location and region between the 2022 and the 2024 fieldwork periods were able to complete the survey based on their new location. This means that the council area they were allocated to in the table below may not match the council area of their completed survey.

*Table 6: Achieved sample of recontact by council area*

Council area (from 2022 survey)	Recontact invites	Complete responses	Response rate <sup>4</sup>
Auckland	474	58	16.9%
Tauranga	88	34	43.6%
Hamilton	97	32	33.3%
Porirua	96	53	55.2%
Hutt City	97	42	43.8%
Wellington	139	42	38.2%
Christchurch	120	26	25.0%
Dunedin	126	51	42.1%
Waikato region (excl. Hamilton)	133	58	43.9%
<b>Total</b>	<b>1370</b>	<b>396</b>	<b>33.6%</b>

## Auckland Council panel

Auckland Council opted to utilise its People's Panel to boost the Auckland sample. A total of 12,496 invites were sent via email (also between 9 and 19 May 2024), resulting in an additional 702 respondents. Of these, 699 resided in Auckland, 1 in Waikato, 1 in Hutt City, and 1 in Christchurch. These respondents were included in their respective cities' sample.

No other councils opted for this.

*Table 7: Achieved sample of Auckland Council's People's Panel*

People's Panel invites	Complete responses	Response rate <sup>5</sup>
12496	702	5.8%

<sup>4</sup> Screen-outs are excluded from response rate calculations.

<sup>5</sup> Screen-outs are excluded from response rate calculations.

#### 4.4 Sample weighting

The primary objective of the weighting process in this survey is to ensure that the sample of n=6,994 accurately reflects the demographic composition of New Zealand's total population aged 18 and over, as reported in the 2023 Census. This alignment is crucial for enhancing the representativeness and analytical validity of the Quality of Life indicators derived from the survey data.

The weighting procedure was designed to align with the demographic characteristics of individual council areas and specific areas within Auckland. To achieve this alignment, a random iterative method (RIM) weighting was employed. This method facilitated the adjustment of the sample population to correspond with known population figures across several dimensions, thereby enhancing the representativeness of survey outcomes. The weighting procedure was implemented as follows:

1. Each city was independently weighted to accurately reflect the specific demographic characteristics of its respective region. This process involved aligning the sample with region-specific profiles of age, gender, geographic area, and ethnicity.
2. Post weights were subsequently applied to the local weights to create the 8-city weight. The 8-city weight is implemented to ensure that the results appropriately account for the population differences across the 8 areas and therefore represent the views of people living across those areas appropriately (e.g., the sample size for Wellington is approx. n=500 and Auckland is n=2,500, but Auckland's population is more than five times that of Wellington's, therefore each cities' contribution into the 8-city total need to be weighted appropriately).

Dimensions of weighting:

- Age group: Five categories were used.
- Gender: Two categories were used.<sup>6</sup>
- Ethnicity: The eight categories included were *Pacific* and *non-Pacific*, *Māori* and *non-Māori*, *Asian* and *non-Asian*, and *European+other ethnicities* and *non-European+other ethnicities*.
- Geographic area: Weighting varied according to wards or general areas.

Two weighting variables were created:

1. Local weight – this was constructed based on the regional councils involved in this survey. In the case of Auckland, the six sub-regions were weighted separately.
2. 8-city weight – this weight was derived from the local weights, proportioned to the aggregated regions (excluding Waikato) within the survey.

**Table 8: Weighting variable statistics**

Weight	Minimum	Maximum	Standard Deviation
Local weight	0.2	5.25	0.31
8-city weight	0.15	7.34	0.59

<sup>6</sup> Respondents who selected *another gender*, *prefer not to say*, or *prefer to self-describe* were randomly assigned to either of the two gender categories for weighting purposes. The random reallocation ensures that people who did not answer *male* or *female* are not excluded from the weighting matrix (and therefore the weighted results). This process means that those in the 'another gender', 'prefer not to say' or 'prefer to self-describe' categories are not 'weighted up' or 'weighted down' as a result of the gender weight.

## 5. DATA PROCESSING

This section of the report includes details relevant to the processing of the data.

### 5.1 Coding responses to open-ended questions

The Quality of Life questionnaire included five open-ended questions:

- Q4a/b: *Why do you say your quality of life has changed in the last 12 months?*
- Q7a/b: *Why do you say [your local area / city] has changed in the last 12 months as a place to live?*
- Q9b: *Which area do you regard as your 'city centre'?*
- Q19a/b: *Why do you say [you have been satisfied / dissatisfied with the balance between your paid work and other aspects of your life such as time with your family or for leisure]?*
- Q41: *Finally, do you have any other comments about quality of life in [your local area / city]?*

Additionally, the questionnaire included eight questions – D1, D2, Q17, Q26, Q32, D6, D11, D12 [see questionnaire in Appendix 1] – which allowed the option of an *Other – please specify* response, which the respondent was able to type in.

A code frame was developed for each of the questions. This involved grouping and categorising similar responses and comments by Ipsos' specialist coding team, ensuring that comments remained in context. A heading was allocated for each group of comments with similar themes and a code was applied to each of these groups accordingly.

For *Other – please specify* responses, coders first back-coded comments which could be attributed to existing question option codes. Those which could not be attributed to existing codes had new codes created for them.

Prior to finalising the code frame, the coding team discussed the draft groupings and headings with a researcher and came to an agreement on the final codes. Additionally, the code frame from the 2022 Quality of Life survey was used where applicable for continuity and consistency.

### 5.2 Data cleaning

Quality checks were carried out on all responses, both online and face-to-face.

Generally, survey responses that do not pass these checks are identified by a combination of, but at least one of, the following:

- Completion time is very short – generally considered to be less than 33% of the median completion time
- Open-ended responses are incoherent or 'keyboard smash' style text
- Open-ended responses are very long or obviously written by AI – an example of an AI-written response would be a detailed definition of a term rather than an opinion on a topic
- Open-ended responses are duplicated across multiple questions
- An obvious pattern in responses – e.g. the first option has been chosen for every question or multiple respondents have given the exact same answers
- No contact details given for the prize draw (applicable to face-to-face intercept sample only).

In total, 56 survey responses were removed across online (47) and face-to-face intercept respondents (9) and replaced.

## 6. REPORTING

### 6.1 Topline report

The overall results for the 2024 Quality of Life survey are presented in the Quality of Life survey 2024 8-City Topline Report.

The analysis focuses on the results for the aggregated 8-city sample (i.e. Auckland, Tauranga, Hamilton, Porirua, Hutt City, Wellington, Christchurch, and Dunedin). The aggregated results are referred to throughout as the *8-city total*, and the text discusses results for the 8-city sample only. In addition, results for all nine council areas are reported on separately.

The results for each council area were sampled and weighted to be representative by age, gender, ethnicity, and ward / local area.

The results for the Waikato Region excludes Hamilton City.

### 6.2 Significant differences

Differences in results between council areas are reported only in those cases where the following two criteria are met:

- The difference between the result for the council area and the 8-city total is significant at the 95% confidence level.
- The difference between the result for the council area and the 8-city total is at least 5 percentage points.

Conjugate significance testing is used for significance testing, in which a subgroup is compared against the total that excludes this subgroup.

### 6.3 Base sizes

All base sizes shown on charts and tables ( $n=$ ) are unweighted base sizes. Any base size of less than  $n=100$  is considered small and less than  $n=30$  is considered extremely small; therefore, results should be viewed with caution.

### 6.4 Ethnicity

Total ethnicity is reported in the Quality of Life survey 2024 Topline Report. This means a person who identified with more than one ethnicity may be counted in more than one broad ethnic group; as such, ethnicity percentages add to more than 100 percent.

## APPENDICES

### Appendix 1: Questionnaire

This appendix contains a copy of the questionnaire that was programmed and used by all respondents.

### OPENING DEMOGRAPHICS

Firstly, a few questions about **you**.

### LOCATION SCREENERS

< ASK ALL >

(SR)

**D4.** Where do you currently live?

Please select one answer.

<b>North Island</b>		
Tāmaki Makaurau / Auckland – the whole city and surrounding areas from the Bombay Hills up to Wellsford, including the islands in the Hauraki Gulf. If you are unsure of what this includes, please see a map of Auckland below.	1	
Tauranga	11	
Kirikiriroa / Hamilton	10	
Waikato region (excluding Hamilton)	12	
Hutt City – the lower half of the Hutt Valley from Petone to the Taita Gorge (not including the Upper Hutt suburbs)	4	
Porirua	5	
Te Whanganui-a-Tara / Wellington City – the area extending as far north as Tawa, but not including Porirua, Petone or the Hutt Valley. If you are unsure what this includes, please see a map of Wellington City below.	6	
<b>South Island</b>		
Ōtautahi / Christchurch	2	
Ōtepoti / Dunedin	3	
<b>Other</b>		
I live elsewhere in Aotearoa New Zealand	96	Thank and close

< ASK IF D4=1 >

(SR)

**Q1AKL\_ward.** Which area of Tāmaki Makaurau / Auckland do you live in?

Please select the area of Tāmaki Makaurau / Auckland where your home suburb is situated. You can refer to the map if you're not sure.

< SHOW IMAGE: Auckland\_areas.png >



1 – North Auckland	1	
2 – West Auckland	2	
3 – Central Auckland	3	
4 – South Auckland	4	
5 – East Auckland	5	
6 – Rural Auckland (incl. Aotea / Great Barrier)	6	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1AKL=98 >

(SR)

**Q1AKL\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1ALK_sub list A-F]	[SHOW Q1ALK_sub list G-L]	[SHOW Q1ALK_sub list M-T]	[SHOW Q1ALK_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
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< ASK IF D4=10 >

(SR)

**Q1HAM\_ward.** Which area of Kirikiriroa / Hamilton do you live in?

*Please select the area of Kirikiriroa / Hamilton where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Hamilton\_areas.png >

1 – West ward	7	
2 – East ward	8	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1HAM\_ward=98 >

(SR)

**Q1HAM\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1HAM_sub list A-F]	[SHOW Q1HAM_sub list G-L]	[SHOW Q1HAM_sub list M-T]	[SHOW Q1HAM_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
---	----	-------------------

< ASK IF D4=12 >

(SR)

**Q1WKO.** Where in the Waikato region do you live?

Hauraki district	1	
Matamata-Piako district	2	
Ōtorohanga district	3	
Rotorua district	4	
South Waikato district	5	
Taupō district	6	
Thames-Coromandel district	7	
Waikato district	8	
Waipā district	9	
Waitomo district	10	
I don't live in any of these districts	99	Thank & terminate

< HIDDEN QUESTION – FOR WARD MAPPING ONLY >

(SR)

**Q1WKO\_ward.** Waikato district to ward

Thames-Coromandel, Hauraki, Matamata-Piako	9	[IF QWKO=1, 2, 7]
Waikato, Waipā	10	[IF QWKO=8, 9]
Waitomo, Ōtorohanga	11	[IF QWKO=3, 10]
South Waikato, Taupō, Rotorua	12	[IF QWKO=4, 5, 6]

< ASK IF D4=11 >

(SR)

**Q1TRG\_ward.** Which area of Tauranga do you live in?

*Please select the area of Tauranga where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Tauranga\_wards.png >

1 – Bethlehem ward	13	
2 – Tauriko ward	14	
3 – Matua-Ōtūmoetai ward	15	
4 – Te Papa ward (City Centre to Chadwick Road)	16	
5 – Mauao / Mount Maunganui ward	17	
6 – Welcome Bay ward	18	
7 – Arataki ward (between Girven Road and Domain Road)	19	
8 – Papamoa ward	20	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1TRG\_ward=98 >

(SR)

**Q1TRG\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1TRG_sub list A-F]	[SHOW Q1TRG_sub list G-L]	[SHOW Q1TRG_sub list M-T]	[SHOW Q1TRG_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
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< ASK IF D4=6 >

(SR)

**Q1WLG\_ward.** Which area of Te Whanganui a Tara / Wellington do you live in?

*Please select the area of Te Whanganui a Tara / Wellington where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Wellington\_wards.png >

1 – Motukairangi / Eastern	21	
2 – Paekawakawa / Southern	22	
3 – Wharangi / Onslow-Western	23	
4 – Pukehinau / Lambton	24	
5 – Takapū / Northern	25	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1WLG\_ward=98 >

(SR)

**Q1WLG\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1WLG_sub list A-F]	[SHOW Q1WLG_sub list G-L]	[SHOW Q1WLG_sub list M-T]	[SHOW Q1WLG_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
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< ASK IF D4=5 >

(SR)

**Q1POR\_ward.** Which area of Porirua do you live in?

*Please select the area of Porirua where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Porirua\_wards.png >

1 – Onepoto ward	26	
2 – Pāuatahanui	27	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1POR\_ward=98 >

(SR)

**Q1POR\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1POR_sub list A-F]	[SHOW Q1POR_sub list G-L]	[SHOW Q1POR_sub list M-T]	[SHOW Q1POR_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
---	----	-------------------

< ASK IF D4=4 >

(SR)

**Q1HUT\_ward.** Which area of Te Awa Kairangi ki Uta / Hutt City do you live in?

*Please select the area of Te Awa Kairangi ki Uta / Hutt City where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Hutt\_wards.png >

1 – Western Ward	28	
2 – Northern Ward	29	
3 – Central Ward	30	
4 – Eastern Ward	31	
5 – Harbour Ward	32	
6 – Wainuiomata Ward	33	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1HUT\_ward=98 >

(SR)

**Q1HUT\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1HUT_sub list A-F]	[SHOW Q1HUT_sub list G-L]	[SHOW Q1HUT_sub list M-T]	[SHOW Q1HUT_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
---	----	-------------------

< ASK IF D4=2 >

(SR)

**Q1CHC\_ward.** Which area of Ōtautahi / Christchurch do you live in?

*Please select the area of Ōtautahi / Christchurch where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Christchurch\_community\_boards.png >

1 – Waimāero Fendalton-Waimairi-Harewood Community Board	34	
2 – Waitai Coastal-Burwood-Linwood Community Board	35	
3 – Waipuna Halswell-Hornby-Riccarton Community Board	36	
4 – Waipapa Papanui-Innes-Central Community Board	37	
5 – Waihoru Spreydon-Cashmere-Heathcote Community Board	38	
6 – Te Pātaka o Rākaihautū Banks Peninsula Community Board	39	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1CHC\_ward=98 >

(SR)

**Q1CHC\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1CHC_sub list A-F]	[SHOW Q1CHC_sub list G-L]	[SHOW Q1CHC_sub list M-T]	[SHOW Q1CHC_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
---	----	-------------------

< ASK IF D4=3 >

(SR)

**Q1DUD\_ward.** Which area of Ōtepoti / Dunedin do you live in?

*Please select the area of Ōtepoti / Dunedin where your home suburb is situated. You can refer to the map if you're not sure.*

< SHOW IMAGE: Dunedin\_wards.png >

1 – South Coast / Strath Taieri	40_1	
2 – North Coast / Otago Peninsula	40_2	
3 – Urban Dunedin	41	
4 – South Dunedin	42	
5 – Mosgiel	43	
I don't know which area contains my home suburb	98	
I don't live within the area shown on the map	99	Thank & terminate

< ASK IF Q1DUD\_ward=98 >

(SR)

**Q1DUD\_sub.** Which suburb do you currently live in?

[REFER TO SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

A–F	G–L	M–T	U–Z
[SHOW Q1DUD_sub list A-F]	[SHOW Q1DUD_sub list G-L]	[SHOW Q1DUD_sub list M-T]	[SHOW Q1DUD_sub list U-Z]

I don't live in any of the suburbs on this list	99	Thank & terminate
---	----	-------------------

< HIDDEN QUESTION – FOR PROGRAMMING / ROUTING ONLY >

**L1.** Suburb-to-ward

***This is a list of all suburbs mapped to all wards.***

[MAP SUBURB TO WARD BASED ON SUBURB LIST: suburb\_ward\_list\_110424.xlsx]

< HIDDEN QUESTION – FOR PROGRAMMING / TRACKING ONLY >

**L2.** All wards

***This is a combined list of all wards – to use for FRM quota tracking***

< **PROGRAMMING NOTE – COMBINE Q1DUD\_ward=40\_1 & 40\_2 TO SINGLE CODE 40** >

[MAP L1, Q1ALK\_ward, Q1WKO\_ward, Q1HAM\_ward, Q1TRG\_ward, Q1WLG\_ward, Q1POR\_ward, Q1HUT\_ward, Q1CHC\_ward, Q1DUD\_ward – includes codes 1 - 43]

< ASK ALL >

(SR)

**D1.** Are you...

*Please select one answer only.*

Male	1
Female	2
Another gender	3
Prefer to self-describe (please specify) [OE]	4
Prefer not to say	97

< ASK ALL >

(MR)

**D2.** Which ethnic group, or groups, do you belong to?

*Please select all that apply.*

Aotearoa New Zealand European	1
Māori	2
Samoan	3
Cook Islands Māori	4

Tongan	5
Niuean	6
Other Pacific	11
Chinese	7
Indian	8
Filipino	9
Korean	10
Other Asian	12
Other (please specify) [OE]	96
Prefer not to say [EXCLUSIVE]	97
I don't know [EXCLUSIVE]	98

< ASK ALL >

(SR)

**D3.** Are you...

*Please select one answer only.*

Less than 18 years	1	Thank & terminate
18–19 years	2	
20–24 years	3	
25–29 years	4	
30–34 years	5	
35–39 years	6	
40–44 years	7	
45–49 years	8	
50–54 years	9	
55–59 years	10	
60–64 years	11	
65–69 years	12	
70–74 years	13	
75+ years	14	

## QUALITY OF LIFE

Now we will ask a few questions about your quality of life in general. Please think about **how you feel about your life** when answering these questions.

< ASK ALL >

(SR)

**Q2.** Would you say that **your** overall quality of life is...

*Please select one answer only.*

Extremely poor	1
Very poor	2
Poor	3
Neither poor nor good	4
Good	5
Very good	6
Extremely good	7

< ASK ALL >

(SR)

**Q3.** Compared to 12 months ago, would you say your quality of life has...

*Please select one answer only.*

Decreased significantly	1	
Decreased to some extent	2	
Stayed about the same	3	[SKIP TO Q5]
Increased to some extent	4	
Increased significantly	5	

< ASK IF Q3 =1, 2>

[CODING NOTE - NEGATIVE]

(OPEN-ENDED)

**Q4a.** Why do you say your quality of life has changed in the last 12 months?

*Please be as detailed as possible.*

[NOT COMPULSORY TO ANSWER]

< ASK IF Q3 =4, 5 >

[CODING NOTE - POSITIVE]

(OPEN-ENDED)

**Q4b.** Why do you say your quality of life has changed in the last 12 months?

*Please be as detailed as possible.*



[NOT COMPULSORY TO ANSWER]

--

## THE CITY / AREA YOU LIVE IN

Now some questions about what it has been like living in [PIPE IN FROM TABLE] over the past 12 months.

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

< ASK ALL >

(SR PER STATEMENT)

**Q5.** How much do you agree or disagree with the following statements?

*Please select one answer for each statement.*

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	I feel really happy with the way [PIPE IN FROM TABLE] looks and feels	1	2	3	4	5
2	[PIPE IN FROM TABLE] is a great place to live	1	2	3	4	5

[IF D4=1]	my local area
[IF D4=10]	Hamilton
[IF D4=12]	my local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

< ASK ALL >

(SR)

**Q6.** And in the last 12 months, do you feel [PIPE IN FROM TABLE] has become better, worse or stayed the same as a place to live?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please select one answer only.*

Much worse	1	
Slightly worse	2	
Stayed the same	3	[SKIP TO Q8]
Slightly better	4	
Much better	5	

< ASK IF Q6 =1, 2 >

[CODING NOTE - NEGATIVE]

(OPEN-ENDED)

**Q7a.** Why do you say [PIPE IN FROM TABLE] has changed in the last 12 months as a place to live?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please be as detailed as possible.*

[NOT COMPULSORY TO ANSWER]

--

< ASK IF Q6 =4, 5 >

[CODING NOTE - POSITIVE]

(OPEN-ENDED)

**Q7b.** Why do you say [PIPE IN FROM TABLE] has changed in the last 12 months as a place to live?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please be as detailed as possible.*

[NOT COMPULSORY TO ANSWER]

--

< ASK ALL >

(SR PER STATEMENT)

**Q8.** This question is about the home you currently live in. How much do you agree or disagree that:

*Please select one answer for each statement.*

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
1	Your housing <b>costs are affordable</b> <i>(by housing costs we mean things like rent or mortgage, rates, house insurance and house maintenance)</i>	1	2	3	4	5	98
2	The <b>home</b> you live in suits the needs of everyone in your household	1	2	3	4	5	98
3	The <b>general area or neighbourhood</b> your home is in suits the needs of everyone in your household	1	2	3	4	5	98

## LOCAL ISSUES

Now we will ask you some questions about **issues in your local area**.

< ASK ALL >

(SR PER STATEMENT)

**Q9.** In general, how safe or unsafe would you feel in the following situations...

*Please select one answer for each statement.*

		Very unsafe	A bit unsafe	Fairly safe	Very safe	Don't know / not applicable
1	Walking in your neighbourhood after dark	1	2	3	4	98
2	In your city centre during the day	1	2	3	4	98
3	In your city centre after dark	1	2	3	4	98

< ASK IF= D4=1 AUCKLAND ONLY >

(OPEN-ENDED)

**Q9b.** Which area do you regard as your 'city centre'?

*Please write in below.*

[NOT COMPULSORY TO ANSWER]

< ASK ALL >

(SR PER STATEMENT)

**Q10.** To what extent, if at all, has each of the following been a problem in [PIPE IN FROM TABLE] over the **past 12 months?**

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please select one answer for each statement.*

[RANDOMISE STATEMENTS]

		A big problem	A bit of a problem	Not a problem	Don't know
1	Vandalism, such as graffiti or tagging, or broken windows in shops and public buildings	1	2	3	98
2	Theft and burglary (e.g. car, house)	1	2	3	98
3	Dangerous driving, including drink-driving and speeding	1	2	3	98
4	Traffic congestion	1	2	3	98
5	Rubbish or litter dumped in public areas (e.g. on streets, vacant areas, in parks)	1	2	3	98
6	Noise pollution during the day	1	2	3	98
7	Noise pollution at night	1	2	3	98
8	Limited parking in your local area	1	2	3	98
9	Limited parking in the city centre	1	2	3	98

< ASK ALL >

(SR PER STATEMENT)

**Q11.** Thinking about the following **social issues**, to what extent, if at all, has each of the following been an issue in [PIPE IN FROM TABLE] over the **past 12 months**?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

Please select one answer for each statement.

[RANDOMISE STATEMENTS]

		A big issue	A bit of an issue	Not an issue	Don't know
1	People you feel unsafe around because of their behaviour, attitude, or appearance	1	2	3	98
2	Alcohol or drug problems or anti-social behaviour associated with the use of alcohol or drugs	1	2	3	98
3	People begging in public spaces	1	2	3	98
4	People sleeping rough in public spaces / in vehicles	1	2	3	98
5	Racism or discrimination towards particular groups of people	1	2	3	98

## TRANSPORT

Now we will ask you some questions about **public transport**.

< ASK ALL >

(SR)

**Q12.** In the **last 12 months**, how often have you used **public** transport in **[PIPE IN FROM TABLE – please format as bold]**

[IF D4=1]	Auckland
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	the Wellington region
[IF D4=5]	the Wellington region
[IF D4=4]	the Wellington region
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*For public transport, please include trains, buses (including school buses), ferries, and cable cars. Taxis / Uber and hire scooters (e.g. Lime scooters) are not included as public transport.*

*If your usage changes on a weekly basis, please provide an average.*

*Please select one answer only.*

At least weekly	1	
At least once a month but not weekly	2	
Less often than once a month	3	
Did not use over the past 12 months	4	
Not applicable / not available in <b>[PIPE IN FROM TABLE]</b>	5	<b>[SKIP TO Q14]</b>

< ASK IF Q13 = 1-4 >

(SR PER STATEMENT)

**Q13.** Thinking about **public transport** in **[PIPE IN FROM TABLE – please format as bold]**, based on your experiences or perceptions, do you agree or disagree with the following statements?

[IF D4=1]	Auckland
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	the Wellington region
[IF D4=5]	the Wellington region
[IF D4=4]	the Wellington region
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

Please select one answer for each statement.

Public transport is...

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
1	Affordable	1	2	3	4	5	98
2	Safe, from crime or harassment	1	2	3	4	5	98
3	Safe, from catching COVID-19 and other illnesses	1	2	3	4	5	98
4	Easy to get to	1	2	3	4	5	98
5	Frequent (comes often)	1	2	3	4	5	98
6	Reliable (comes on time)	1	2	3	4	5	98

< ASK ALL >

(SR PER STATEMENT)

**Q14.** Thinking about **transport in [PIPE IN FROM TABLE – please format as bold]**, how much do you agree or disagree with the following statements?

[IF D4=1]	Auckland
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	the Wellington region
[IF D4=5]	the Wellington region
[IF D4=4]	the Wellington region
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

Please select one answer for each statement.

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Don't know
1	It's <b>easy for me</b> to get to the places I need to go <b>without the use of a private vehicle</b> (e.g. car, ute, van, motorbike, etc.)	1	2	3	4	5	98
2	Public transport is a <b>practical alternative to driving</b> for the trips I usually need to make	1	2	3	4	5	98
3	The <b>bike network</b> in my local area is <b>safe</b> (e.g. separated cycle lanes, shared walking and cycling paths, painted cycle lanes)	1	2	3	4	5	98

## COUNCIL DECISION-MAKING

Now some questions about your opinions towards your local or regional council.

< ASK ALL >

(SR)

**Q15.** How much do you agree or disagree with the following statement?

[STATEMENT]

Overall, I have confidence that [PIPE IN FROM TABLE] makes decisions in the best interests of my city.

[IF D4=1]	Auckland Council
[IF D4=10]	Hamilton City Council
[IF D4=12]	Waikato Regional Council
[IF D4=11]	Tauranga City Council
[IF D4=6]	Wellington City Council
[IF D4=5]	Porirua City Council
[IF D4=4]	Hutt City Council
[IF D4=2]	Christchurch City Council
[IF D4=3]	Dunedin City Council

Please select one answer only.

Strongly disagree	1
Disagree	2
Neither agree nor disagree	3
Agree	4
Strongly agree	5
Don't know	98

< ASK ALL >

(SR)

**Q16.** Overall, how much influence do you feel the public has on the decisions [PIPE IN FROM TABLE] makes?

[IF D4=1]	the Council
[IF D4=10]	Hamilton City Council
[IF D4=12]	Waikato Regional Council
[IF D4=11]	Tauranga City Council
[IF D4=6]	Wellington City Council
[IF D4=5]	Porirua City Council
[IF D4=4]	Hutt City Council
[IF D4=2]	Christchurch City Council
[IF D4=3]	Dunedin City Council



Would you say the public has...

Please select one answer only.

No influence	1
Small influence	2
Some influence	3
Large influence	4
Don't know	98

## YOUR LIFE AND WELLBEING

The following questions are about **your life and wellbeing**.

Just a reminder that all of your answers are confidential and are combined with hundreds of other responses so you can't be identified.

< ASK ALL >

(MR)

**Q17.** Which of the following applies to **your personal** current situation?

Please select all that apply.

In paid work 30 hours or more a week	1
In paid work less than 30 hours a week	2
Not currently in paid employment [EXCLUSIVE TO PAID EMPLOYMENT OPTIONS]	3
Caring for children under 18 (unpaid)	4
Caring for other dependents (unpaid)	5
Volunteer work	6
Student	7
Retired	8
Other (please specify) [OE]	96

< ASK ALL >

(SR)

**Q18.** Overall, how satisfied or dissatisfied are you with the balance between your paid work and other aspects of your life such as time with your family or for leisure?

Please select one answer only.

Very dissatisfied	2	
Dissatisfied	3	
Neither satisfied nor dissatisfied	4	[SKIP TO Q20]
Satisfied	5	
Very satisfied	6	
Not applicable, not in paid work	1	[SKIP TO Q20]

< ASK IF Q18=2-3, THOSE WHO ARE DISSATISFIED >

[CODING NOTE - NEGATIVE]

(OPEN-ENDED)

**Q19a.** And why did you say that?

*Please be as detailed as possible.*

[NOT COMPULSORY TO ANSWER]

--

< ASK IF Q18=5-6, THOSE WHO ARE SATISFIED >

[CODING NOTE - POSITIVE]

(OPEN-ENDED)

**Q19b.** And why did you say that?

*Please be as detailed as possible.*

[NOT COMPULSORY TO ANSWER]

--

< ASK ALL >

(SR)

**Q20.** Which of the following best describes how well your total income (from all sources) meets your everyday needs for things such as accommodation, food, clothing and other basic needs?

*Please select one answer only.*

Have more than enough money	1
Have enough money	2
Have just enough money	3
Do not have enough money	4
Prefer not to say	5

< ASK ALL >

(SR)

**Q21.** In the last **3 months**, how often were you **worried** about the financial circumstances of you and your family / whānau?

*Please select one answer only.*

Always	1
Most of the time	2
Sometimes	3
Rarely	4
Never	5

&lt; ASK ALL &gt;

(SR)

**Q22.** If you had to pay a \$2,000 bill unexpectedly, could you access the money **within a week and without going into debt**?

*Please select one answer only.*

Yes – definitely	1
Yes – probably	2
No	3
Don't know / unsure	98

&lt; ASK ALL &gt;

(SR PER STATEMENT)

**Q23.** Thinking about different aspects of your health and wellbeing, in general, how would you rate your...?

*Please select one answer for each statement.*

		Poor	Fair	Good	Very good	Excellent	Prefer not to say
1	<b>Physical</b> health and wellbeing (taha tinana)	1	2	3	4	5	97
2	<b>Mental</b> health and wellbeing (taha hinengaro)	1	2	3	4	5	97
3	<b>Spiritual</b> health and wellbeing (taha wairua)	1	2	3	4	5	97
4	<b>Relationship</b> health and wellbeing (e.g. with family / whānau and friends) (taha whānau)	1	2	3	4	5	97

&lt; ASK ALL &gt;

(SR)

**Q24.** In the past week, on **how many days** have you done a **total of 30 minutes** or more of physical activity, which was enough to **raise your breathing rate**?

*This may include sport, traditional games, kapa haka, exercise, brisk walking or cycling for recreation or to get to and from places, and housework or physical activity that may be part of your job.*

*Please select one answer only.*

0 days	0
1 day	1
2 days	2
3 days	3
4 days	4
5 days	5
6 days	6
7 days	7

&lt; ASK ALL &gt;

(SR PER STATEMENT)

**Q25.** How much do you agree or disagree with the following statements?*Please select one answer for each statement.*

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	I feel a sense of community with others in my neighbourhood	1	2	3	4	5
2	It's important to me to feel a sense of community with people in my neighbourhood	1	2	3	4	5

&lt; ASK ALL &gt;

(MR)

**Q26.** Thinking about the social networks and groups you are part of or have been part of in the last 12 months (whether online or in person), do you belong to any of the following?*Please select all that apply.*

Faith-based group / church community	1
Cultural group (e.g. kapa haka, Samoan group, Somalian group)	2
Marae / hapū / iwi participation (e.g. Land Trust)	3
Neighbourhood group (e.g. Residents' Association)	4
Clubs and societies (e.g. sports clubs, Lions Club, RSA, U3A, etc.)	5
Group fitness or movement (e.g. yoga, tai chi, gym class, etc.)	6
Hobby or interest groups (e.g. book clubs, craft, gaming, online forums, etc.)	7
Volunteer / charity group (e.g. SPCA, Hospice, environmental group)	8
Parent / grandparent group (e.g. antenatal groups, play groups, coffee groups)	9
School, pre-school networks (Board of Trustees, PTA, organising raffles, field trips, etc.)	10
Professional / work networks (e.g. network of colleagues or professional association)	11
Other social network or group (please specify) [OE]	12
None of the above [EXCLUSIVE]	13

&lt; ASK ALL &gt;

(SR)

**Q27.** Over the last 12 months how often, if ever, have you felt lonely or isolated?*Please select one answer only.*

Always	1
Most of the time	2
Sometimes	3
Rarely	4
Never	5

< ASK ALL >

(SR PER STATEMENT)

**Q28.** If you were faced with a serious illness or injury, or needed support during a difficult time, is there anyone you could turn to for...

*Please select one answer for each statement.*

		Yes, definitely	Yes, probably	No	Don't know / unsure
1	Practical support (e.g. shopping, meals, transport)	1	2	3	98
2	Emotional support (e.g. listening to you, giving advice)	1	2	3	98

< ASK ALL >

(SR)

**Q29.** At some time in their lives, most people experience stress. Which statement below best applies to how often, if ever, over the past 12 months you have experienced stress that had a negative effect on you?

*Stress refers to things that negatively affect different aspects of people's lives, including work and home life, making important life decisions, their routines for taking care of household chores, leisure time and other activities.*

*Please select one answer only.*

Always	1
Most of the time	2
Sometimes	3
Rarely	4
Never	5

< ASK ALL >

(SR PER STATEMENT)

**Q30.** Do you have any **long-term and persistent difficulty** with any of the following activities?

*Please select one answer for each statement.*

		No difficulty	Some difficulty	A lot of difficulty	Cannot do	Prefer not to say
1	Seeing, even if wearing glasses	1	2	3	4	97
2	Hearing, even if using a hearing aid	1	2	3	4	97
3	Walking or climbing steps	1	2	3	4	97
4	Remembering or concentrating	1	2	3	4	97
5	Self-care, like washing all over or dressing	1	2	3	4	97
6	Communicating in your everyday language, understanding or being understood by others	1	2	3	4	97

&lt; ASK ALL &gt;

(SR)

**Q31.** In the last 12 months, have you, or anyone in your household, faced any barriers to seeking health-related treatment or advice?

Please select one answer only.

Yes	1	
No	2	[SKIP TO Q33]
Don't know	98	[SKIP TO Q33]

&lt; ASK IF Q31 = 1 &gt;

(MR)

**Q32.** What **barriers** did you or someone in your household face in seeking this treatment or advice?

Please select all that apply.

Concerned about catching COVID-19 or other illnesses	1
Wait time for an appointment was too long	2
Couldn't get an appointment at a time that suited me (due to work or family needs)	3
Concerned about the financial cost	4
Didn't have transport to get to an appointment	5
My health provider couldn't meet my cultural or language needs	6
Thought help was unavailable	7
My health provider had to postpone my appointment or treatment	8
Felt embarrassed or uncomfortable about seeking help	9
Other (please specify) [OE]	96

&lt; ASK ALL &gt;

(SR PER STATEMENT)

**Q33.** The next questions are about trust.

How much do you **trust** the **following institutions in Aotearoa New Zealand**?

Even if you've had very little or no contact with them, please base your answer on your general impression of them.

Please select one answer for each institution.

		Do not trust at all						Completely trust
1	The police	1	2	3	4	5	6	7
2	The public education system	1	2	3	4	5	6	7
3	The media	1	2	3	4	5	6	7
4	The justice system	1	2	3	4	5	6	7
5	Central government (e.g. elected Members of Parliament, Government departments)	1	2	3	4	5	6	7

6	Local government (e.g. your local Council and local Councillors)	1	2	3	4	5	6	7
7	The public health system	1	2	3	4	5	6	7
8	Scientists	1	2	3	4	5	6	7

< ASK ALL >

(SR)

**Q34.** And in general, how much do you **trust people in** **[PIPE IN FROM TABLE – please format as bold and underlined]**?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

Please select one answer only.

Do not trust at all						Completely trust
1	2	3	4	5	6	7

## CULTURE AND IDENTITY

The following are some questions about your culture and identity.

< ASK ALL >

(SR PER STATEMENT)

**Q35.** Thinking about **living in** **[PIPE IN FROM TABLE – please format as bold]**, how much do you agree or disagree with the following statements?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

Please select one answer for each statement.

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Prefer not to say
1	People in <b>[PIPE IN FROM BELOW TABLE – please format as bold]</b> accept and value me and others of my identity (e.g. sexual, gender, ethnic, cultural, faith)	1	2	3	4	5	97
2	I feel comfortable dressing in a way that <b>expresses my identity in public</b> (e.g. sexual, gender, ethnic, cultural, faith)	1	2	3	4	5	97
3	I can participate, perform, or attend activities or groups that <b>align with my culture</b>	1	2	3	4	5	97

[IF D4=1]	my local area
[IF D4=10]	Hamilton
[IF D4=12]	my local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

< ASK ALL >

(SR)

**Q36.** In the **last three months in [PIPE IN FROM TABLE – please format as bold]**, have you **personally experienced** anger or intolerance, or been treated unfairly or excluded, because of your...?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin



Please select one answer for each statement.

		Yes	No
1	Gender	1	2
2	Age	1	2
3	Ethnicity	1	2
4	Physical or mental health condition	1	2
5	Sexual orientation	1	2
6	Religious beliefs	1	2

## CLIMATE CHANGE

The following are some questions about your views on climate change.

< ASK ALL >

(SR)

**Q37.** To what extent, if at all, has each of the following been a problem in **[PIPE IN FROM TABLE – please format as bold]** over the **past 12 months?**

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

Please select one answer for each statement.

		A big problem	A bit of a problem	Not a problem	Don't know
1	Air pollution	1	2	3	98
2	Water pollution, including pollution in streams, rivers, lakes, and in the sea	1	2	3	98
3	Coastal erosion	1	2	3	98
4	Too much water (e.g. flooding)	1	2	3	98
5	Not enough water (e.g. drought, water supply issues)	1	2	3	98
6	Landslips	1	2	3	98
7	Increased heat and fire risk	1	2	3	98

&lt; ASK ALL &gt;

(SR)

**Q38.** How **ready** do you and your household feel to **face the impacts** of the following issues?

*Please select one answer for each statement.*

		Not ready at all	A bit ready	Fairly ready	Very ready	Don't know
1	Too much water (e.g. flooding, severe storms, landslips)	1	2	3	4	98
2	Not enough water (e.g. drought)	1	2	3	4	98
3	Increased heat and fire risk (e.g. wildfires)	1	2	3	4	98

&lt; ASK ALL &gt;

(SR)

**Q39.** How well do you think you understand climate change and the impacts it could have on **[PIPE IN FROM TABLE]** in the next 5 years?

[IF D4=1]	your local area
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please select one answer only.*

Not well at all	1
Not very well	2
Fairly well	3
Very well	4
I don't believe climate change will have any impacts on <b>[PIPE IN FROM TABLE]</b> in the next 5 years	5

&lt; ASK ALL &gt;

(SR)

**Q40.** To what extent do you personally worry about the impact of climate change on the **future of [PIPE IN FROM TABLE – format bold]** and **residents of [PIPE IN FROM TABLE – format bold]**?

[IF D4=1]	Auckland
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please select one answer only.*

Not at all worried	1
A little worried	2
Worried	3
Very worried	4

## CLOSING DEMOGRAPHICS

Lastly, a few more questions about **you**. This is so we can ensure we hear from a **diverse range of people** who live in Aotearoa New Zealand. Just a reminder that everything you share with us is **confidential**.

< ASK ALL >

(SR)

**D7.** Were you born in Aotearoa New Zealand?

*Please select one answer only.*

Yes	1	[SKIP TO D8]
No	2	

< ASK IF D7=2 >

(SR)

**D8.** How many years have you lived in Aotearoa New Zealand?

*Please select one answer only.*

Less than 1 year	1
1 year to just under 2 years	2
2 years to just under 5 years	3
5 years to just under 10 years	4
10 years or more	5

Next, we have some additional questions about your gender and sexual identity. It is important for us to collect this information to make sure we are hearing from a wide range of New Zealanders. There are 'prefer not to say' options available if you don't want to answer.

< ASK ALL >

(SR)

**D5.** Do you consider yourself to be transgender?

*Please select one answer only.*

Yes	1
No	2
I don't know	98
Prefer not to say	97

< ASK ALL >

(SR)

**D6.** Which of the following options best describes how you think about yourself...

*Please select one answer only.*

Heterosexual or straight	1
Gay or lesbian	2
Bisexual	3
Other (please specify) [OE]	96
I don't know	98
Prefer not to say	97

< ASK ALL >

(SR)

**D9.** Are you descended from Māori (that is, did you have a Māori birth parent, grandparent, or great-grandparent, etc)?

Yes	1	
I don't know	98	
No	3	SKIP TO D12

< ASK IF D9=1, 98 >

(SR)

**D10.** Do you know the name(s) of your iwi (tribe or tribes)?

*If you answer 'yes' to this question, you will be able to select your iwi from a list or type in your iwi name(s). Answer 'yes' even if you only know some of your iwi.*

Yes	1	
No	2	SKIP TO D12

< ASK IF D10=1 >

(MR)

**D11.** What is the name and home area, rohe, or region of your iwi?

Select all that apply.

Te Tai Tokerau / Tāmaki-Makaurau (Northland / Auckland) Region Iwi	1
Hauraki (Coromandel) Region Iwi	2
Waikato / Te Rohe Pōtae (Waikato / King Country) Region Iwi	3
Te Arawa / Taupō (Rotorua / Taupō) Region Iwi	4
Tauranga Moana / Mātaatua (Bay of Plenty) Region Iwi	5
Te Tai Rāwhiti (East Coast) Region Iwi	6
Te Matau-a-Māui / Wairarapa (Hawke's Bay / Wairarapa) Region Iwi	7
Taranaki Region Iwi	8
Whanganui / Rangitīkei (Wanganui / Rangitīkei) Region Iwi	9
Manawatū / Horowhenua / Te Whanganui-a-Tara (Manawatū / Horowhenua / Wellington) Region Iwi	10
Te Waipounamu / Wharekauri (South Island/Chatham Islands) Region Iwi	11
Other (please specify) [OE]	96
I don't know [EXCLUSIVE]	98

< ASK IF D11=1-96 >

(MR)

**D11\_2.** Please select your iwi (tribe or tribes) from the list below, or type in your iwi name(s).

Select all that apply.

[PROGRAMMING REFER TO EXCEL LIST: iwi\_affiliation\_list\_230424.xlsx]

< ASK ALL >

(SR)

**D12.** What **type of home** do you currently live in?

Please select one answer only.

Standalone house on a section	1
Townhouse or terraced house (attached houses side by side)	2
Duplex (semi-attached – home is connected to one other home)	3
Low-rise apartment building (2 or 3 storeys)	4
Mid-rise apartment building (4 to 6 storeys)	5
High-rise apartment building (7 storeys or higher)	6
Lifestyle block or farm homestead	7
Other (please specify) [OE]	96

< ASK ALL >

(SR)

**D13.** Who **owns** the home that you live in?

Please select one answer only.

I personally or jointly own it with a mortgage	1
I personally or jointly own it without a mortgage	2
A family trust owns it	3
Parents / other family members or partner own it	4
A private landlord who is NOT related to me owns it	5
A local authority or city council owns it	6
Kāinga Ora (Housing Aotearoa New Zealand) owns it	7
Other State landlord (such as Department of Conservation, Ministry of Education) owns it	8
A social service agency or community housing provider (e.g. the Salvation Army, Aotearoa New Zealand Housing Foundation) owns it	9
Don't know	98

< ASK ALL >

(MR)

**D14.** Who lives in your household? *Your household includes the people who usually live in your home.*

Please select all that apply.

Your parent(s)	1
Your partner / spouse	2
Your child(ren) aged under 5 years	3
Your child(ren) aged 5–12 years	4
Your child(ren) aged 13–17 years	5
Your adult child(ren) (aged 18 years and over)	6
Other child(ren) (e.g. grandchild, sibling, cousin, non-related children)	7
Other adults related to you (e.g. grandparents, cousins)	8
Other adults not related to you (e.g. flatmates, friends)	9
None of these, I usually live alone [EXCLUSIVE]	10
Prefer not to say [EXCLUSIVE]	97

< ASK ALL >

(SR)

**D15.** Which best describes your household's annual income (from all sources) before tax?

Please select one answer only.

\$20,000 or less	1
\$20,001–\$40,000	2
\$40,001–\$60,000	3
\$60,001–\$80,000	4
\$80,001–\$100,000	5
\$100,001–\$150,000	6

\$150,001–\$200,000	7
\$200,001 or more	8
Prefer not to say	97
Don't know	98

< ASK ALL >

(OPEN-ENDED)

**Q41.** Finally, do you have any other comments about quality of life in [PIPE IN FROM TABLE]?

[IF D4=1]	Auckland
[IF D4=10]	Hamilton
[IF D4=12]	your local area
[IF D4=11]	Tauranga
[IF D4=6]	Wellington
[IF D4=5]	Porirua
[IF D4=4]	Hutt City
[IF D4=2]	Christchurch
[IF D4=3]	Dunedin

*Please be as detailed as possible.*

[NOT COMPULSORY TO ANSWER]

< ASK IF RECONTACT OR COUNCIL PANEL OR F2F >

(Text Entry)

**P1.** Please fill in your contact details below so that we are able to contact you if you are one of the prize draw winners or if we have any questions about your questionnaire.

[NON-COMPULSORY]

**Name:** [OE]

**Phone number:** [OE]

**Email address:** [OE]

I don't want to enter the prize draw	1
--------------------------------------	---

< ASK IF F2F ONLY AND IF P1 ≠ 1 >

(SR)

**P2.** It is likely that more research will be carried out by your council on the sorts of topics covered in this survey. Are you willing to provide your contact details so that your council (or a research company on their behalf) could contact you and invite you to take part in future research?

Please note that providing your contact details does not put you under any obligation to participate.

*Please select one answer only.*

Yes	1
No	2

[< SHOW ALL >](#)

Thank you for your participation.

If you would like to know more about this survey, and would like to see results from previous years, you can find more information on the Quality of Life Survey website:

<http://www.qualityoflifeproject.govt.nz>

If you, or someone you know, needs help there are a number of support services available.

**Need to talk?** For support with anxiety, distress or mental wellbeing, **call or text 1737** to talk with a trained counsellor for free, 24 hours a day, 7 days a week. For more information visit <https://1737.org.nz/>

Or you can call **Lifeline on 0800 543 354** or **Samaritans on 0800 726 666**.



## Appendix 2: Survey communications

### 2.1 Frequently Asked Questions (FAQs)

#### Quality of Life 2024 FAQ

**April 2024**

##### Key information about the Quality of Life survey

- The Quality of Life Survey is conducted every 2 years.
- In the past, the survey had been distributed via post, and respondents were invited to participate online.
- This year respondents will be invited via email to complete an online survey. The first invitations will go out on the **23<sup>rd</sup> of April** and the online survey will remain open until the **16<sup>th</sup> of May 2024**.
- Following the close of the online survey, additional face-to-face interviews will be conducted in areas to ensure we reach a wide sample representative of the population of your city / region.
- The survey is very important for councils to help them understand their residents' needs and ensure that the right decisions are made about programmes and services offered in different communities.
- The ultimate goal is to help councils improve their residents' overall quality of life.

##### Timings

- The online survey will be open between **23<sup>rd</sup> April** and **16<sup>th</sup> May**.
- Face-to-face interviews will be conducted between **24<sup>th</sup> May** and **31<sup>st</sup> July\*** (\*in Tauranga, face-to-face interviews will be conducted between 24<sup>th</sup> May and 27<sup>th</sup> June).

##### General questions

##### Q. What is the purpose of this survey / What is this survey about?

It is to provide information to local councils to improve the quality of life of New Zealanders.

##### Q. Is the survey genuine?

Yes it is. It is being done for 8 local councils and 1 regional council. Ipsos is an independent market research company commissioned to do the survey. You can check on this if you like by looking at the Quality of Life website: <http://www.qualityoflifeproject.govt.nz>

##### Q. What do I get for completing it?

Those who have been invited from a recontact list, council panel or those who are approached face-to-face can enter the draw to win one of five \$250 prizes. They will have a question in the online survey to indicate if they want to be included in the prize draw. These prizes will be provided as a Prezzy® card, which can be used anywhere Visa is accepted.

Please find the *Terms and Conditions* for the prize draw towards the bottom of this document.

##### Q. Do I have to do it?

No, the survey is completely voluntary, but we would really appreciate it if you could take part.

##### Q. How long will the survey take?

The survey has been designed to take around 15 minutes to complete. Some people may take longer and some people may complete it faster.

**Q. I don't have internet access / Can I get a hardcopy of the questionnaire?**

This survey is available online only.

**Confidentiality**

**Q. Is this survey really private / confidential / anonymous?**

The answers you give will be confidential and grouped with other people's answers to create results at an aggregated level, your information and answers are anonymous and cannot be traced back to you. Only grouped results will be passed on to your local or regional Council. Please be careful not to give information in your responses that might identify you (such as name, email address, etc.).

Ipsos is an ISO-certified market research supplier and follow independent protocols for managing respondent privacy, quality issues, and data security, and are compliant with the GDPR and the ESOMAR Code of Conduct.

**Q. How did you select me to participate <OR I want to know how you did the random selection>?**

Ipsos reached respondents through the following three ways:

1. Online survey panels.
2. Those who had completed the Quality of Life Survey in previous years and had agreed to be recontacted for any future Quality of Life Surveys.
3. Council survey panels.

**Q. Can I get a copy of the results when you are finished? OR Can you send me the results?**

You can see the results from the previous years on the Quality of Life website:

[www.qualityoflifeproject.govt.nz](http://www.qualityoflifeproject.govt.nz). Results from this year's survey will be available at this website around November 2024.

## 2.2 Terms & conditions for the prize draw

**Terms & Conditions**

1. All information published by the Promoter on how to enter, and the prize, forms part of these terms and conditions.
2. Participants will be entered into the prize draw by completing the 2024 Quality of Life Survey and agreeing to sharing their details with Ipsos (at the end of the survey) and agreeing to these competition terms and conditions.
3. For the draw there are 5x \$250 prizes, provided as a Prezzy® Card, which can be used anywhere Visa is accepted. Participants will each receive one entry only into the prize draw.
4. The promotion period for the draw ends at the end of the survey period (Online surveys: 23 April 2024–16 May 2024 | Face-to-face surveys: 24 May 2024–31 July 2024).
5. Employees of the Promoter and agencies associated with this promotion shall not be eligible for the prize draws.
6. Entry is open to New Zealand residents.

7. Entries submitted which enclose partial information, are submitted by or through dishonest means, fraud or illegal activity, or entries not complying with these terms and conditions, are invalid.
8. The draw will be held following the end of the face-to-face survey period which ends Wednesday 31 July 2024. The winners for the draw will be chosen randomly from all eligible entries (including both online-only and face-to-face survey entrants) on Monday 12 August 2024. The winners will be notified by phone or email as soon as practicable via the contact details provided by them. If the Promoter is unable to contact a winner within 10 working days of the date of the Draw, the winner will be deemed to have forfeited their prize and a new winner will be drawn on the same terms as the original competition. No compensation will be given to a person who wins a prize but cannot be contacted.
9. The Promoter takes no responsibility for lost, damaged, misdirected, late, illegible or incomplete registrations or entries, incorrect or inaccurate transcription of entry information, or for any human error, technical malfunctions, lost / delayed data transmission, omission, interruption, deletion, defect, line failures, failures of computer equipment or software, inability to access telecommunications network services, corruption of any format holding an entry, or any other error or malfunction.
10. All entries are deemed to be received on submission of a completed survey to the Promoter. The draw will close on 11.59pm on 12 August 2024. Records of the Promoter are final and conclusive as to time of receipt.
11. The prize is not transferrable.
12. To the extent permitted by law, the Promoter and its associated agencies are not liable in any way (including, without limitation, in negligence) for any loss, damage or injury (including indirect and consequential loss) suffered or sustained in connection with participation in this promotion or the use of the prize.
13. The Promoter reserves the right to alter any aspect of the promotion at any time at its sole discretion.
14. The Promoter's decisions on all matters relating to this promotion are final and no correspondence will be entered into.
15. The Promoter is Ipsos, Level 5, 166 Featherston Street, Wellington, 6011, New Zealand.

## 2.3 People's Panel survey invitation



### Kia ora Allanah

Today we are sharing a link to participate in the Quality of Life survey, a joint project between **nine councils** across the country including Auckland Council. It is about what life is like for you, and living in your city.

This survey is for Aucklanders aged 18 and over. We are sharing it on behalf of IPSOS, an independent market research company, who has been commissioned to do the survey for the participating cities.

It is about life in Auckland and how you feel about things like housing, transport, safety, health and wellbeing, and climate change.

#### [Start survey now](#)

This survey is longer than usual, it takes around **20 minutes**. Everyone who completes it will be in the draw to win **1 of 5 \$250 vouchers**.

This survey closes on Sunday 19 May.

*Some people may have already been invited to participate in this survey through other online panels you may be signed up to. If you have already completed this survey you don't need to do it again. Find out more about the [Quality of Life survey](#).*

Ngā Mihi nui, thank you very much,  
Allanah  
The People's Panel Team

**Know someone who might find the People's Panel interesting?** Forward this email and ask them to sign up [here](#).

## 2.4 Recontacts survey invitation



Kia ora [NAME],

According to our records, you took part in the 2022 Quality of Life survey, a joint local government project in Aotearoa New Zealand, and agreed to be recontacted for future research.

We are now conducting the 2024 Quality of Life survey and would like to invite you to complete it online. The survey has been designed to take around 15 minutes to complete. Please complete this survey by the 19th of May 2024. Your participation will help contribute to public knowledge and research on the quality of life in Aotearoa New Zealand. Your answers are anonymous and cannot be traced back to you.

[Start the survey](#)

If the link does not work please copy the below URL into your browser.

[SURVEY LINK]

This survey is conducted by Ipsos New Zealand on behalf of local and regional councils. Participating councils include Waikato Regional Council, Auckland Council, Tauranga City Council, Hamilton City Council, Hutt City Council, Porirua City Council, Wellington City Council, Christchurch City Council, and Dunedin City Council.


For more information visit the [Quality of Life website](#) and the [FAQ page](#). If you have any questions or concerns, please reach out to us at [info@qualityoflifeproject.govt.nz](mailto:info@qualityoflifeproject.govt.nz)

Thank you again for your contribution – we are grateful to all our participants for sharing their time and insights with us, about what it's like to live in your city.

Thank you again | Ngā mihi nui,

Dr Ashleigh Prakash (Quality of Life Project Lead)

Research & Evaluation Unit (RIMU), Auckland Council | Te Rangahau me te Arotake, Te Kaunihera o Tamaki Makaurau

Contact Us	
<p>Dr Ashleigh Prakash (Quality of Life Project Lead)  <a href="mailto:info@qualityoflifeproject.govt.nz">info@qualityoflifeproject.govt.nz</a></p> <hr/> <p><b>Terms and Conditions</b></p> <p>View Ipsos's <a href="#">privacy policy</a>.</p> <p>You have received this email because you have given permission to the Quality of Life team to contact you.</p> <p>Each respondent has a unique link, this will help us to track survey completes and to send reminders to those who have not completed the survey yet. This unique link is not linked to your individual answers and won't be used to identify you in any way.</p> <p>Reply to this email if you want to unsubscribe from this research.</p> <p>Ipsos New Zealand address:          Ground Level, 604 Great South Road, Ellerslie, PO Box 12 567, Ellerslie, Auckland 1051, NZ</p>	 <p><b>Ipsos Ltd</b> is one of the world's largest independent market research companies and their main New Zealand office is based in Auckland. Their research is conducted in accordance with the Market Research Industry Code of Conduct and the NZ Privacy Act.</p>

## 2.5 Survey introduction


Thank you for agreeing to take part in this confidential survey about residents' perceptions of living in their local area. This survey is conducted by Ipsos New Zealand on behalf of local and regional councils. Participating councils include Waikato Regional Council, Auckland Council, Tauranga City Council, Hamilton City Council, Hutt City Council, Porirua City Council, Wellington City Council, Christchurch City Council, and Dunedin City Council.

Your participation will help contribute to public knowledge and research on the quality of life in Aotearoa New Zealand. Your answers are **anonymous** and **cannot be traced back to you**.

[SHOW IF RECONTACT PANEL OR COUNCIL PANEL OR FACE-TO-FACE INTERCEPT ONLY]

If you have any questions about the survey or would like more information, you can find some FAQs on our website, <hyperlink: <https://www.ipsos.com/en-nz/quality-life-2024-faq-april-2024>> here.

## 2.6 Survey information sheet

<h2>2024 Quality of Life Survey Information Sheet</h2>  <h3>Background</h3> <p>The Quality of Life Project was initiated over 20 years ago in response to concerns about the impacts of urbanisation on the wellbeing of residents and communities. The survey is conducted every two years by participating councils.</p> <p>Information obtained from the survey is used to help inform local government policy and to undertake monitoring of progress towards strategic social, cultural, environmental, and economic goals. The goal is to help councils improve their residents' overall quality of life. Further information is available on the website: <a href="https://qualityoflifeproject.govt.nz">qualityoflifeproject.govt.nz</a>.</p> <p>Participating councils in the Quality-of-Life Survey 2024 include Waikato Regional Council, Auckland Council, Tauranga City Council, Hamilton City Council, Hutt City Council, Porirua City Council, Wellington City Council, Christchurch City Council, and Dunedin City Council.</p>
--

## Interviews in the community

Face-to-face interviews will be conducted by Ipsos Interviewers in areas that ensure we reach a wide sample representative of the population of your city/region. Those frequenting nominated sites will be invited to participate in this voluntary survey which is estimated to take approximately 15 minutes.

We have selected your site as a potential position that would support the council in obtaining this representation of the community.

## Content

Topics covered in the 2024 Quality of Life Survey include:

- Overall quality of life
- Built and natural environment
- Housing
- Transport
- Health and wellbeing
- Crime, safety, and local issues
- Community, culture, and social networks
- Climate change
- Economic wellbeing
- Council processes

## When?

- Face-to-face interviews will be conducted between **24<sup>th</sup> May to 31<sup>st</sup> July** throughout New Zealand
- In Tauranga, face-to-face interviews will be conducted between **24<sup>th</sup> May to 27<sup>th</sup> June**.

## Koha for participants

Those who have been invited to participate can enter the draw to win one of five \$250 Prezzy® cards.

## Confidentiality

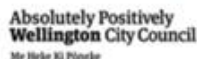
All information gathered will be protected under the Privacy Act 2020. Respondent's answers will be grouped with others to create results at an aggregated level. Only grouped results will be passed on to local or regional Councils.

## Provider

Ipsos is an independent market research company contracted on behalf of the councils to invite residents to participate in the survey. For queries regarding interviewers please contact:

**Ph:** 09 538 0500

**Email:** [reception.auckland@ipsos.com](mailto:reception.auckland@ipsos.com)





### Appendix 3: Suburb lists and area maps

The following lists and maps were included in the questionnaire to determine which ward / area the respondent lived in at the time of surveying.

Figure 2: Auckland map

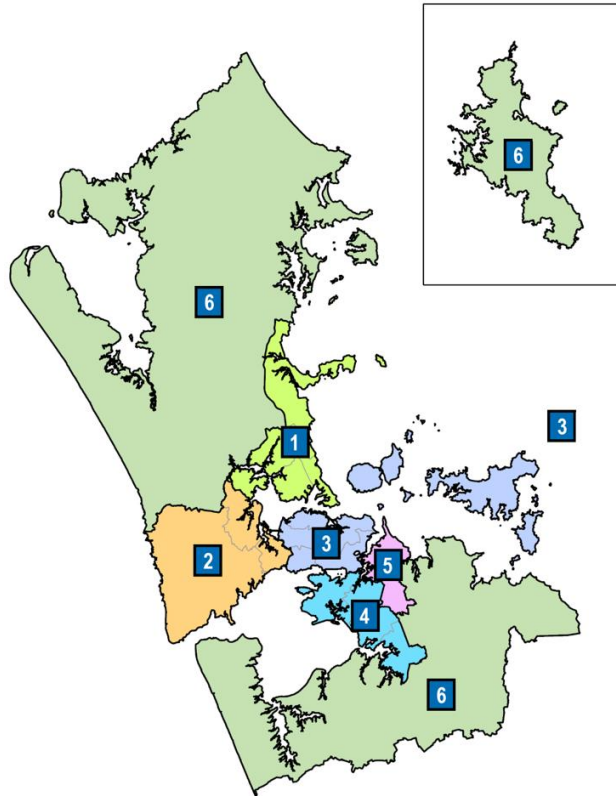


Table 9: Auckland suburb list

Suburb	Study area
Akoranga	North Auckland
Albany	North Auckland
Albany Heights	North Auckland
Arkles Bay	North Auckland
Army Bay	North Auckland
Bayswater	North Auckland
Bayview	North Auckland
Beach Haven	North Auckland
Belmont	North Auckland
Birkdale	North Auckland
Birkenhead	North Auckland
Browns Bay	North Auckland
Campbells Bay	North Auckland
Castor Bay	North Auckland
Chatswood	North Auckland
Devonport	North Auckland
Fairview Heights	North Auckland
Forrest Hill	North Auckland
Glenfield	North Auckland



Suburb	Study area
Greenhithe	North Auckland
Gulf Harbour	North Auckland
Hatfields Beach	North Auckland
Hauraki	North Auckland
Herald Island	North Auckland
Hillcrest	North Auckland
Hobsonville	North Auckland
Hobsonville Point	North Auckland
Long Bay	North Auckland
Lucas Heights	North Auckland
Mairangi Bay	North Auckland
Manly	North Auckland
Matakatia	North Auckland
Milford	North Auckland
Millwater	North Auckland
Murrays Bay	North Auckland
Narrow Neck	North Auckland
Northcote	North Auckland
Northcote Point	North Auckland
Northcross	North Auckland
Ōkura	North Auckland
Ōkura Bush	North Auckland
Orewa	North Auckland
Oteha	North Auckland
Paremoremo	North Auckland
Pinehill	North Auckland
Red Beach	North Auckland
Redvale	North Auckland
Rosedale	North Auckland
Rothsay Bay	North Auckland
Schnapper Rock	North Auckland
Silverdale	North Auckland
Stanley Point	North Auckland
Stanmore Bay	North Auckland
Stillwater	North Auckland
Sunnynook	North Auckland
Takapuna	North Auckland
Tindalls Beach	North Auckland
Torbay	North Auckland
Totara Vale	North Auckland
Unsworth Heights	North Auckland
Wade Heads	North Auckland
Waiake	North Auckland
Wairau Valley	North Auckland
Waiwera	North Auckland
West Harbour	North Auckland
Whenuapai	North Auckland

Suburb	Study area
Windsor Park	North Auckland
Anawhata	West Auckland
Avondale	West Auckland
Blockhouse Bay	West Auckland
Cornwallis	West Auckland
Glen Eden	West Auckland
Glendene	West Auckland
Green Bay	West Auckland
Henderson	West Auckland
Henderson Valley	West Auckland
Huia	West Auckland
Karekare	West Auckland
Kaurilands	West Auckland
Kelston	West Auckland
Laingholm	West Auckland
Massey	West Auckland
New Lynn	West Auckland
New Windsor	West Auckland
Oratia	West Auckland
Parau	West Auckland
Piha	West Auckland
Rānui	West Auckland
Royal Heights	West Auckland
Sunnyvale	West Auckland
Swanson	West Auckland
Te Atatū Peninsula	West Auckland
Te Atatū South	West Auckland
Te Henga / Bethells Beach	West Auckland
Titirangi	West Auckland
Waiatarua	West Auckland
Waitakere	West Auckland
Westgate	West Auckland
Auckland Central	Central Auckland
Eden Terrace	Central Auckland
Ellerslie	Central Auckland
Epsom	Central Auckland
Freemans Bay	Central Auckland
Glen Innes	Central Auckland
Glendowie	Central Auckland
Grafton	Central Auckland
Greenlane	Central Auckland
Grey Lynn	Central Auckland
Herne Bay	Central Auckland
Hillsborough	Central Auckland
Kingsland	Central Auckland
Kohimarama	Central Auckland
Lynfield	Central Auckland

Suburb	Study area
Meadowbank	Central Auckland
Mission Bay	Central Auckland
Morningside	Central Auckland
Mount Albert	Central Auckland
Mount Eden	Central Auckland
Mount Roskill	Central Auckland
Mount Wellington	Central Auckland
Newmarket	Central Auckland
Ōmiha	Central Auckland
One Tree Hill	Central Auckland
Onehunga	Central Auckland
Oneroa	Central Auckland
Onetangi	Central Auckland
Ōrākei	Central Auckland
Oranga	Central Auckland
Ostend	Central Auckland
Palm Beach	Central Auckland
Panmure	Central Auckland
Parnell	Central Auckland
Penrose	Central Auckland
Point Chevalier	Central Auckland
Point England	Central Auckland
Ponsonby	Central Auckland
Rakino Island	Central Auckland
Remuera	Central Auckland
Royal Oak	Central Auckland
Saint Heliers	Central Auckland
Saint Johns	Central Auckland
Saint Lukes	Central Auckland
Saint Marys Bay	Central Auckland
Sandringham	Central Auckland
Stonefields	Central Auckland
Surfdale	Central Auckland
Three Kings	Central Auckland
Victoria Park	Central Auckland
Wai o Taiki Bay	Central Auckland
Waiheke Island	Central Auckland
Waterview	Central Auckland
Wesley	Central Auckland
Western Springs	Central Auckland
Westmere	Central Auckland
Wynyard Quarter	Central Auckland
Alfriston	South Auckland
Clendon Park	South Auckland
Clover Park	South Auckland
Conifer Grove	South Auckland
Drury	South Auckland

Suburb	Study area
Favona	South Auckland
Goodwood Heights	South Auckland
Hillpark	South Auckland
Hingaia	South Auckland
Māngere	South Auckland
Māngere Bridge	South Auckland
Māngere East	South Auckland
Manukau	South Auckland
Manurewa	South Auckland
Manurewa East	South Auckland
Ōpaheke	South Auckland
Ormiston	South Auckland
Ōtāhuhu	South Auckland
Ōtara	South Auckland
Pahurehure	South Auckland
Papakura	South Auckland
Papatoetoe	South Auckland
Randwick Park	South Auckland
Red Hill	South Auckland
Rosehill	South Auckland
Takanini	South Auckland
The Gardens	South Auckland
Totara Heights	South Auckland
Wattle Downs	South Auckland
Weymouth	South Auckland
Wiri	South Auckland
Botany Downs	East Auckland
Bucklands Beach	East Auckland
Burswood	East Auckland
Cockle Bay	East Auckland
Dannemora	East Auckland
East Tāmaki	East Auckland
East Tāmaki Heights	East Auckland
Eastern Beach	East Auckland
Farm Cove	East Auckland
Flat Bush	East Auckland
Golflands	East Auckland
Half Moon Bay	East Auckland
Highland Park	East Auckland
Howick	East Auckland
Huntington Park	East Auckland
Mellons Bay	East Auckland
Mission Heights	East Auckland
Northpark	East Auckland
Pakuranga	East Auckland
Pakuranga Heights	East Auckland
Shamrock Park	East Auckland

Suburb	Study area
Shelly Park	East Auckland
Somerville	East Auckland
Sunnyhills	East Auckland
Totara Park	East Auckland
Algies Bay	Rural Auckland incl. Aotea / Great Barrier
Aotea	Rural Auckland incl. Aotea / Great Barrier
Aotea / Great Barrier Island	Rural Auckland incl. Aotea / Great Barrier
Ararimu	Rural Auckland incl. Aotea / Great Barrier
Ardmore	Rural Auckland incl. Aotea / Great Barrier
Āwhitu	Rural Auckland incl. Aotea / Great Barrier
Beachlands	Rural Auckland incl. Aotea / Great Barrier
Big Ōmaha	Rural Auckland incl. Aotea / Great Barrier
Bombay	Rural Auckland incl. Aotea / Great Barrier
Brookby	Rural Auckland incl. Aotea / Great Barrier
Buckland	Rural Auckland incl. Aotea / Great Barrier
Clarks Beach	Rural Auckland incl. Aotea / Great Barrier
Clevedon	Rural Auckland incl. Aotea / Great Barrier
Coatesville	Rural Auckland incl. Aotea / Great Barrier
Dairy Flat	Rural Auckland incl. Aotea / Great Barrier
Dome Forest	Rural Auckland incl. Aotea / Great Barrier
Dome Valley	Rural Auckland incl. Aotea / Great Barrier
Glenbrook	Rural Auckland incl. Aotea / Great Barrier
Glorit	Rural Auckland incl. Aotea / Great Barrier
Great Barrier Island	Rural Auckland incl. Aotea / Great Barrier
Helensville	Rural Auckland incl. Aotea / Great Barrier
Huapai	Rural Auckland incl. Aotea / Great Barrier
Hūnua	Rural Auckland incl. Aotea / Great Barrier
Kaipara Flats	Rural Auckland incl. Aotea / Great Barrier
Karaka	Rural Auckland incl. Aotea / Great Barrier
Karioitahi	Rural Auckland incl. Aotea / Great Barrier
Kaukapakapa	Rural Auckland incl. Aotea / Great Barrier
Kawakawa Bay	Rural Auckland incl. Aotea / Great Barrier
Kawau Island	Rural Auckland incl. Aotea / Great Barrier
Kingseat	Rural Auckland incl. Aotea / Great Barrier
Kumeū	Rural Auckland incl. Aotea / Great Barrier
Lake Puketū	Rural Auckland incl. Aotea / Great Barrier
Leigh	Rural Auckland incl. Aotea / Great Barrier
Mahurangi	Rural Auckland incl. Aotea / Great Barrier
Mahurangi West	Rural Auckland incl. Aotea / Great Barrier
Makarau	Rural Auckland incl. Aotea / Great Barrier
Mangakura	Rural Auckland incl. Aotea / Great Barrier
Mangatāwhiri	Rural Auckland incl. Aotea / Great Barrier
Manukau Heads	Rural Auckland incl. Aotea / Great Barrier
Maraetai	Rural Auckland incl. Aotea / Great Barrier
Matakana	Rural Auckland incl. Aotea / Great Barrier
Mauku	Rural Auckland incl. Aotea / Great Barrier
Milldale	Rural Auckland incl. Aotea / Great Barrier

Suburb	Study area
Muriwai	Rural Auckland incl. Aotea / Great Barrier
Ness Valley	Rural Auckland incl. Aotea / Great Barrier
Ōmaha	Rural Auckland incl. Aotea / Great Barrier
Orere Point	Rural Auckland incl. Aotea / Great Barrier
Paerata	Rural Auckland incl. Aotea / Great Barrier
Pakiri	Rural Auckland incl. Aotea / Great Barrier
Parakai	Rural Auckland incl. Aotea / Great Barrier
Patumāhoe	Rural Auckland incl. Aotea / Great Barrier
Pohuehue	Rural Auckland incl. Aotea / Great Barrier
Point Wells	Rural Auckland incl. Aotea / Great Barrier
Pollok	Rural Auckland incl. Aotea / Great Barrier
Port Albert	Rural Auckland incl. Aotea / Great Barrier
Puhoi	Rural Auckland incl. Aotea / Great Barrier
Pukekohe	Rural Auckland incl. Aotea / Great Barrier
Pukekohe East	Rural Auckland incl. Aotea / Great Barrier
Puni	Rural Auckland incl. Aotea / Great Barrier
Ramarama	Rural Auckland incl. Aotea / Great Barrier
Riverhead	Rural Auckland incl. Aotea / Great Barrier
Runciman	Rural Auckland incl. Aotea / Great Barrier
Sandspit	Rural Auckland incl. Aotea / Great Barrier
Shelly Beach	Rural Auckland incl. Aotea / Great Barrier
Snells Beach	Rural Auckland incl. Aotea / Great Barrier
South Head	Rural Auckland incl. Aotea / Great Barrier
Tahekeroa	Rural Auckland incl. Aotea / Great Barrier
Tāpora	Rural Auckland incl. Aotea / Great Barrier
Tauhoa	Rural Auckland incl. Aotea / Great Barrier
Taupaki	Rural Auckland incl. Aotea / Great Barrier
Tāwharanui Peninsula	Rural Auckland incl. Aotea / Great Barrier
Te Arai	Rural Auckland incl. Aotea / Great Barrier
Te Hana	Rural Auckland incl. Aotea / Great Barrier
Ti Point	Rural Auckland incl. Aotea / Great Barrier
Tomarata	Rural Auckland incl. Aotea / Great Barrier
Waiau Pa	Rural Auckland incl. Aotea / Great Barrier
Waimauku	Rural Auckland incl. Aotea / Great Barrier
Wainui	Rural Auckland incl. Aotea / Great Barrier
Waitoki	Rural Auckland incl. Aotea / Great Barrier
Waiuku	Rural Auckland incl. Aotea / Great Barrier
Warkworth	Rural Auckland incl. Aotea / Great Barrier
Wellsford	Rural Auckland incl. Aotea / Great Barrier
Whakatiwai	Rural Auckland incl. Aotea / Great Barrier
Whangaripo	Rural Auckland incl. Aotea / Great Barrier
Whangateau	Rural Auckland incl. Aotea / Great Barrier
Wharehine	Rural Auckland incl. Aotea / Great Barrier
Whitford	Rural Auckland incl. Aotea / Great Barrier

Figure 3: Hamilton ward map

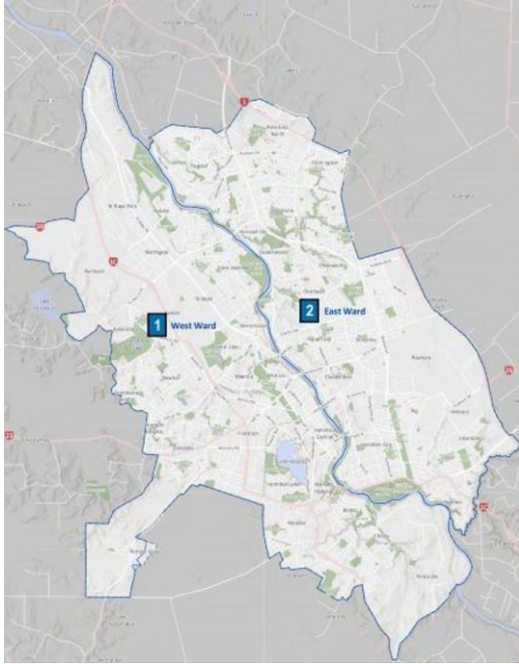


Table 10: Hamilton suburb list

Suburb	Ward
Aberdeen	West
Avalon	West
Bader	West
Baverstock	West
Beerescourt	West
Burbush	West
Deanwell	West
Dinsdale	West
Fitzroy	West
Forest Lake	West
Frankton	West
Glenview	West
Grandview Heights	West
Hamilton Central	West
Hamilton Lake	West
Maeroa	West
Melville	West
Nawton	West
Peacocke	West
Pukete	West
Rotokauri	West
St Andrews	West
Te Rapa	West
Temple View	West
Western Heights	West
Whitiora	West
Chartwell	East



Suburb	Ward
Chedworth	East
Claudelands	East
Enderley	East
Fairfield	East
Fairview Downs	East
Flagstaff	East
Hamilton East	East
Harrowfield	East
Hillcrest	East
Huntington	East
Queenwood	East
Riverlea	East
Rototuna	East
Rototuna North	East
Ruakura	East
Silverdale	East
St James	East

Figure 4: Tauranga ward map

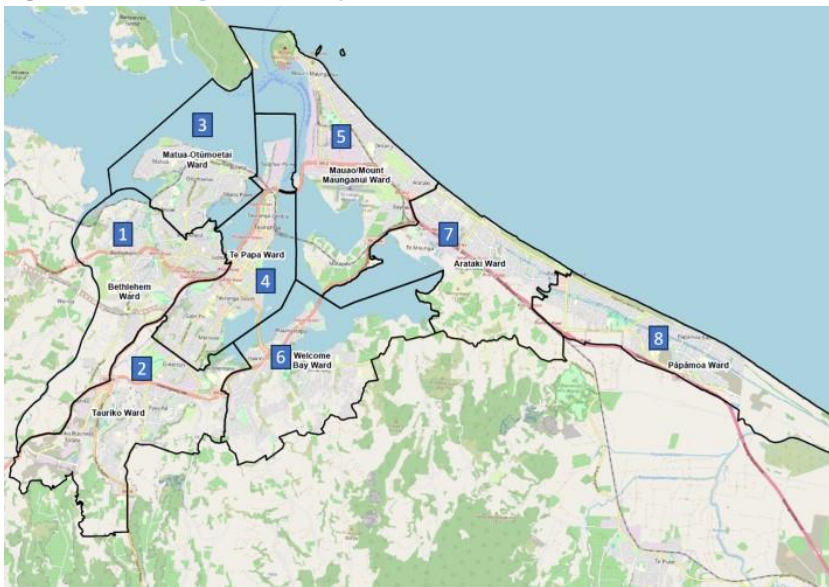


Table 11: Tauranga suburb list

Suburb	Ward
Bellevue (Bethlehem)	Bethlehem
Bethlehem	Bethlehem
Brookfield (Bethlehem)	Bethlehem
Judea	Bethlehem
Greerton (Tauriko)	Tauriko
Oropi	Tauriko
Poike	Tauriko
Pyes Pa	Tauriko
Tauriko	Tauriko



Suburb	Ward
The Lakes	Tauriko
Bellevue (Matua-Ōtūmoetai)	Matua-Ōtūmoetai
Brookfield (Matua-Ōtūmoetai)	Matua-Ōtūmoetai
Matua	Matua-Ōtūmoetai
Ōtūmoetai	Matua-Ōtūmoetai
Avenues	Te Papa
City Centre	Te Papa
Gate Pa	Te Papa
Greerton (Te Papa)	Te Papa
Merivale / Parkvale	Te Papa
Sulphur Point	Te Papa
Tauranga South	Te Papa
Arataki (Mauao / Mount Maunganui)	Mauao / Mount Maunganui
Matapihi	Mauao / Mount Maunganui
Mount Maunganui	Mauao / Mount Maunganui
Hairini	Welcome Bay
Maungatapu	Welcome Bay
Ohauti	Welcome Bay
Waimapu	Welcome Bay
Welcome Bay	Welcome Bay
Arataki (Arataki)	Arataki
Kairua	Arataki
Te Maunga / Mangatawa	Arataki
Papamoa Beach	Papamoa
Papamoa Hills	Papamoa
Papamoa East	Papamoa

Figure 5: Wellington ward map

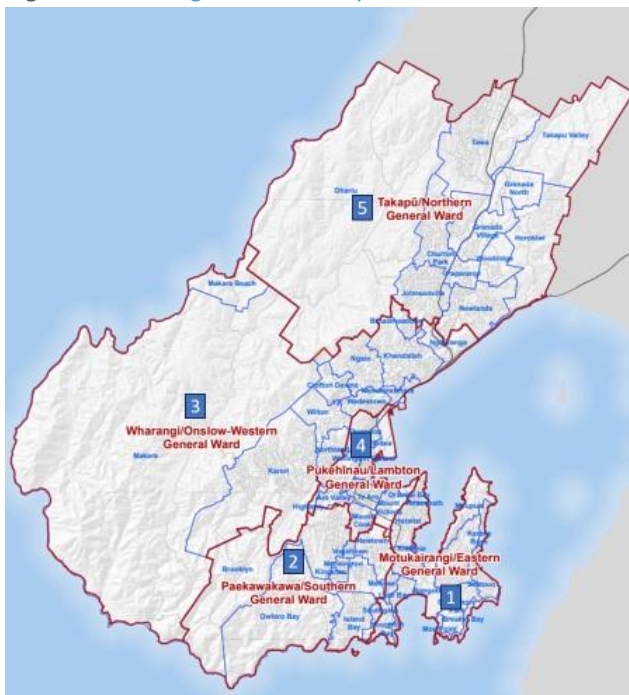


Table 12: Wellington suburb list

Suburbs	Ward
Breaker Bay	Motukairangi / Eastern
Hataitai	Motukairangi / Eastern
Houghton Bay	Motukairangi / Eastern
Karaka Bays	Motukairangi / Eastern
Kilbirnie	Motukairangi / Eastern
Lyll Bay	Motukairangi / Eastern
Maupuia	Motukairangi / Eastern
Melrose	Motukairangi / Eastern
Miramar	Motukairangi / Eastern
Moa Point	Motukairangi / Eastern
Rongotai	Motukairangi / Eastern
Roseneath	Motukairangi / Eastern
Seatoun	Motukairangi / Eastern
Strathmore Park	Motukairangi / Eastern
Berhampore	Paekawakawa / Southern
Brooklyn	Paekawakawa / Southern
Island Bay	Paekawakawa / Southern
Kingston	Paekawakawa / Southern
Mornington	Paekawakawa / Southern
Newtown	Paekawakawa / Southern
Ōwhiro Bay	Paekawakawa / Southern
Southgate	Paekawakawa / Southern
Vogeltown	Paekawakawa / Southern
Broadmeadows	Wharangi / Onslow-Western
Crofton Downs	Wharangi / Onslow-Western
Kaiwharawhara	Wharangi / Onslow-Western
Karori	Wharangi / Onslow-Western
Khandallah	Wharangi / Onslow-Western
Mākara	Wharangi / Onslow-Western
Mākara Beach	Wharangi / Onslow-Western
Ngaio	Wharangi / Onslow-Western
Ngauranga	Wharangi / Onslow-Western
Northland	Wharangi / Onslow-Western
Wadestown	Wharangi / Onslow-Western
Wilton	Wharangi / Onslow-Western
Aro Valley	Pukehinau / Lambton
Highbury	Pukehinau / Lambton
Kelburn	Pukehinau / Lambton
Mount Cook	Pukehinau / Lambton
Mount Victoria	Pukehinau / Lambton
Oriental Bay	Pukehinau / Lambton
Pipitea	Pukehinau / Lambton
Te Aro	Pukehinau / Lambton
Thorndon	Pukehinau / Lambton
Wellington Central	Pukehinau / Lambton
Churton Park	Takapū / Northern

Suburbs	Ward
Glenside	Takapū / Northern
Grenada North	Takapū / Northern
Grenada Village	Takapū / Northern
Horokiwi	Takapū / Northern
Johnsonville	Takapū / Northern
Newlands	Takapū / Northern
Ōhāriu	Takapū / Northern
Paparangi	Takapū / Northern
Takapū Valley	Takapū / Northern
Tawa	Takapū / Northern
Woodridge	Takapū / Northern

Figure 6: Porirua ward map

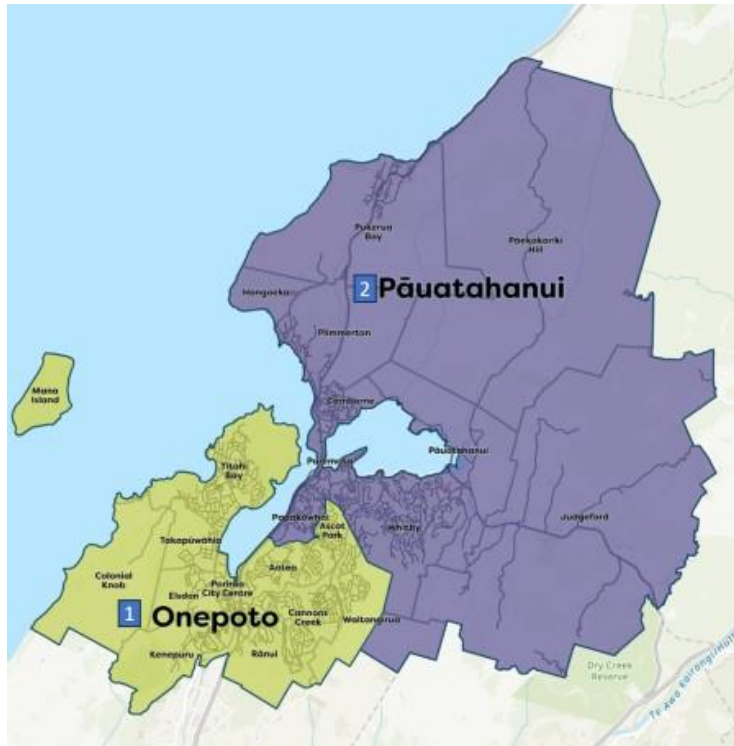


Table 13: Porirua suburb list

Suburbs	Ward
Mana Island	Onepoto
Titahi Bay	Onepoto
Takapūwāhia	Onepoto
Elsdon	Onepoto
Kenepuru	Onepoto
Porirua City Centre	Onepoto
Rānui	Onepoto
Cannons Creek	Onepoto
Aotea	Onepoto
Waitangirua	Onepoto
Ascot Park	Onepoto

Suburbs	Ward
Pukerua Bay	Pāuatahanui
Paekākāriki Hill	Pāuatahanui
Judgeford	Pāuatahanui
Plimmerton	Pāuatahanui
Hongoeka	Pāuatahanui
Camborne	Pāuatahanui
Paremata	Pāuatahanui
Whitby	Pāuatahanui
Pāuatahanui	Pāuatahanui
Papakōwhai	Pāuatahanui

Figure 7: Hutt ward map



Table 14: Hutt City suburb list

Suburb	Ward
Alicetown	Western ward
Melling	Western ward
Harbour View	Western ward
Tirohanga	Western ward
Maungaraki	Western ward
Normandale	Western ward
Kelson	Western ward
Manor Park	Western ward
Belmont	Western ward
Haywards	Western ward
Taita	Northern ward

Suburb	Ward
Stokes Valley	Northern ward
Hutt Central	Central ward
Boulcott	Central ward
Epuni	Central ward
Avalon	Central ward
Woburn (Central)	Central ward
Waterloo	Eastern ward
Fairfield	Eastern ward
Naenae	Eastern ward
Waiwhetū (Eastern)	Eastern ward
Eastbourne	Harbour ward
Days Bay	Harbour ward
Mahina Bay	Harbour ward
York Bay	Harbour ward
Sorrento Bay	Harbour ward
Lowry Bay	Harbour ward
Seaview	Harbour ward
Gracefield	Harbour ward
Moera	Harbour ward
Petone	Harbour ward
Korokoro	Harbour ward
Sunshine Bay	Harbour ward
Point Howard	Harbour ward
Waiwhetū (Harbour)	Harbour ward
Woburn (Harbour)	Harbour ward
Pencarrow Head	Wainuiomata ward
Wainuiomata Coast	Wainuiomata ward
Remutaka Forest Park	Wainuiomata ward
Wainuiomata	Wainuiomata ward

Figure 8: Christchurch community board map

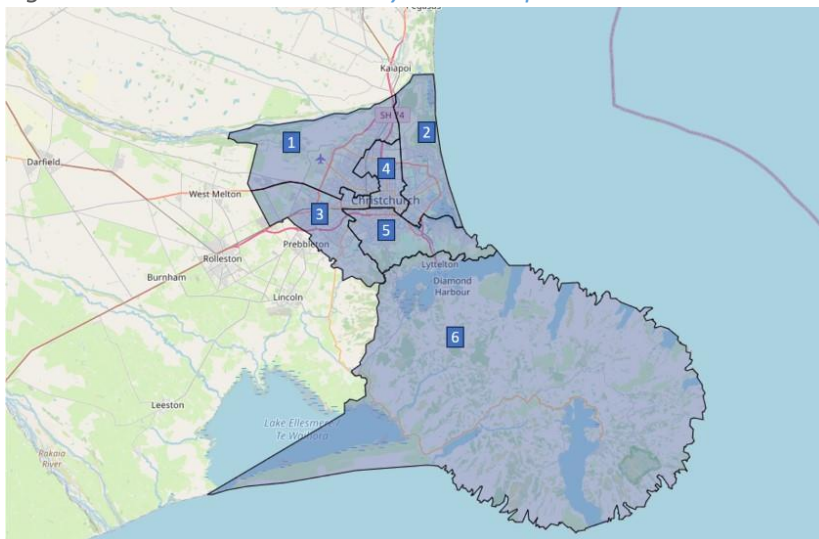


Table 15: Christchurch suburb list

Suburb	Community board
Avonhead	Waimāero Fendalton-Waimairi-Harewood
Belfast	Waimāero Fendalton-Waimairi-Harewood
Bishopdale	Waimāero Fendalton-Waimairi-Harewood
Bryndwr	Waimāero Fendalton-Waimairi-Harewood
Burnside	Waimāero Fendalton-Waimairi-Harewood
Casebrook	Waimāero Fendalton-Waimairi-Harewood
Christchurch Airport	Waimāero Fendalton-Waimairi-Harewood
Clarkville	Waimāero Fendalton-Waimairi-Harewood
Coutts Island	Waimāero Fendalton-Waimairi-Harewood
Eyrewell Forest	Waimāero Fendalton-Waimairi-Harewood
Fendalton	Waimāero Fendalton-Waimairi-Harewood
Harewood	Waimāero Fendalton-Waimairi-Harewood
McLeans Island	Waimāero Fendalton-Waimairi-Harewood
Merivale	Waimāero Fendalton-Waimairi-Harewood
Northwood	Waimāero Fendalton-Waimairi-Harewood
Russley	Waimāero Fendalton-Waimairi-Harewood
Strowan	Waimāero Fendalton-Waimairi-Harewood
Styx	Waimāero Fendalton-Waimairi-Harewood
Swannanoa	Waimāero Fendalton-Waimairi-Harewood
Yaldhurst	Waimāero Fendalton-Waimairi-Harewood
Aranui	Waitai Coastal-Burwood-Linwood
Avondale	Waitai Coastal-Burwood-Linwood
Avonside	Waitai Coastal-Burwood-Linwood
Bexley	Waitai Coastal-Burwood-Linwood
Bottle Lake	Waitai Coastal-Burwood-Linwood
Bromley	Waitai Coastal-Burwood-Linwood
Brooklands	Waitai Coastal-Burwood-Linwood
Burwood	Waitai Coastal-Burwood-Linwood
Dallington	Waitai Coastal-Burwood-Linwood
Estuary of the Heathcote & Avon Rivers / Ihutai	Waitai Coastal-Burwood-Linwood
Kaiapoi	Waitai Coastal-Burwood-Linwood
Kainga	Waitai Coastal-Burwood-Linwood
Kairaki	Waitai Coastal-Burwood-Linwood
Linwood	Waitai Coastal-Burwood-Linwood
New Brighton	Waitai Coastal-Burwood-Linwood
North New Brighton	Waitai Coastal-Burwood-Linwood
Ouruhia	Waitai Coastal-Burwood-Linwood
Parklands	Waitai Coastal-Burwood-Linwood
Prestons	Waitai Coastal-Burwood-Linwood
Queenspark	Waitai Coastal-Burwood-Linwood
Shirley	Waitai Coastal-Burwood-Linwood
South New Brighton	Waitai Coastal-Burwood-Linwood
Southshore	Waitai Coastal-Burwood-Linwood
Spencerville	Waitai Coastal-Burwood-Linwood
Travis	Waitai Coastal-Burwood-Linwood



Suburb	Community board
Waimairi Beach	Waitai Coastal-Burwood-Linwood
Wainoni	Waitai Coastal-Burwood-Linwood
Waitikiri	Waitai Coastal-Burwood-Linwood
Woolston	Waitai Coastal-Burwood-Linwood
Aidanfield	Waipuna Halswell-Hornby-Riccarton
Broomfield	Waipuna Halswell-Hornby-Riccarton
Halswell	Waipuna Halswell-Hornby-Riccarton
Hei Hei	Waipuna Halswell-Hornby-Riccarton
Hillmorton	Waipuna Halswell-Hornby-Riccarton
Hornby	Waipuna Halswell-Hornby-Riccarton
Hornby South	Waipuna Halswell-Hornby-Riccarton
Ilam	Waipuna Halswell-Hornby-Riccarton
Islington	Waipuna Halswell-Hornby-Riccarton
Kennedys Bush	Waipuna Halswell-Hornby-Riccarton
Lansdowne	Waipuna Halswell-Hornby-Riccarton
Oaklands	Waipuna Halswell-Hornby-Riccarton
Prebbleton	Waipuna Halswell-Hornby-Riccarton
Riccarton	Waipuna Halswell-Hornby-Riccarton
Sockburn	Waipuna Halswell-Hornby-Riccarton
Templeton	Waipuna Halswell-Hornby-Riccarton
Upper Riccarton	Waipuna Halswell-Hornby-Riccarton
Wigram	Waipuna Halswell-Hornby-Riccarton
Avon Loop	Waipapa Papanui-Innes-Central
Central City	Waipapa Papanui-Innes-Central
Charleston	Waipapa Papanui-Innes-Central
Christchurch Central	Waipapa Papanui-Innes-Central
Edgware	Waipapa Papanui-Innes-Central
Mairehau	Waipapa Papanui-Innes-Central
Marshland	Waipapa Papanui-Innes-Central
Northcote	Waipapa Papanui-Innes-Central
Papanui	Waipapa Papanui-Innes-Central
Phillipstown	Waipapa Papanui-Innes-Central
Redwood	Waipapa Papanui-Innes-Central
Richmond	Waipapa Papanui-Innes-Central
St Albans	Waipapa Papanui-Innes-Central
Victoria Lake	Waipapa Papanui-Innes-Central
Waltham	Waipapa Papanui-Innes-Central
Addington	Waihoru Spreydon-Cashmere-Heathcote
Beckenham	Waihoru Spreydon-Cashmere-Heathcote
Cashmere	Waihoru Spreydon-Cashmere-Heathcote
Clifton	Waihoru Spreydon-Cashmere-Heathcote
Cracroft	Waihoru Spreydon-Cashmere-Heathcote
Ferrymead	Waihoru Spreydon-Cashmere-Heathcote
Heathcote Valley	Waihoru Spreydon-Cashmere-Heathcote
Hillsborough	Waihoru Spreydon-Cashmere-Heathcote
Hoon Hay	Waihoru Spreydon-Cashmere-Heathcote
Huntsbury	Waihoru Spreydon-Cashmere-Heathcote

Suburb	Community board
McCormacks Bay	Waihoru Spreydon-Cashmere-Heathcote
Middleton	Waihoru Spreydon-Cashmere-Heathcote
Moncks Bay	Waihoru Spreydon-Cashmere-Heathcote
Mount Pleasant	Waihoru Spreydon-Cashmere-Heathcote
Opawa	Waihoru Spreydon-Cashmere-Heathcote
Redcliffs	Waihoru Spreydon-Cashmere-Heathcote
Richmond Hill	Waihoru Spreydon-Cashmere-Heathcote
Scarborough	Waihoru Spreydon-Cashmere-Heathcote
Somerfield	Waihoru Spreydon-Cashmere-Heathcote
Spreydon	Waihoru Spreydon-Cashmere-Heathcote
St Andrews Hill	Waihoru Spreydon-Cashmere-Heathcote
St Martins	Waihoru Spreydon-Cashmere-Heathcote
Sumner	Waihoru Spreydon-Cashmere-Heathcote
Sydenham	Waihoru Spreydon-Cashmere-Heathcote
Westmorland	Waihoru Spreydon-Cashmere-Heathcote
Akaroa	Te Pātaka o Rākaihautū Banks Peninsula
Allandale	Te Pātaka o Rākaihautū Banks Peninsula
Anchorage Bay	Te Pātaka o Rākaihautū Banks Peninsula
Ataahua	Te Pātaka o Rākaihautū Banks Peninsula
Barrys Bay	Te Pātaka o Rākaihautū Banks Peninsula
Big Bay	Te Pātaka o Rākaihautū Banks Peninsula
Birdlings Flat	Te Pātaka o Rākaihautū Banks Peninsula
Blind Bay	Te Pātaka o Rākaihautū Banks Peninsula
Breeze Bay	Te Pātaka o Rākaihautū Banks Peninsula
Cass Bay	Te Pātaka o Rākaihautū Banks Peninsula
Charteris Bay	Te Pātaka o Rākaihautū Banks Peninsula
Children's Bay	Te Pātaka o Rākaihautū Banks Peninsula
Church Bay	Te Pātaka o Rākaihautū Banks Peninsula
Corsair Bay	Te Pātaka o Rākaihautū Banks Peninsula
Damons Bay	Te Pātaka o Rākaihautū Banks Peninsula
Decanter Bay	Te Pātaka o Rākaihautū Banks Peninsula
Deep Gully Bay	Te Pātaka o Rākaihautū Banks Peninsula
Diamond Harbour	Te Pātaka o Rākaihautū Banks Peninsula
Duvauchelle	Te Pātaka o Rākaihautū Banks Peninsula
French Bay	Te Pātaka o Rākaihautū Banks Peninsula
French Farm	Te Pātaka o Rākaihautū Banks Peninsula
French Farm Bay	Te Pātaka o Rākaihautū Banks Peninsula
Gebbies Valley	Te Pātaka o Rākaihautū Banks Peninsula
Glen Bay	Te Pātaka o Rākaihautū Banks Peninsula
Gollans Bay	Te Pātaka o Rākaihautū Banks Peninsula
Goughs Bay	Te Pātaka o Rākaihautū Banks Peninsula
Governors Bay	Te Pātaka o Rākaihautū Banks Peninsula
Hays Bay	Te Pātaka o Rākaihautū Banks Peninsula
Head Of The Bay	Te Pātaka o Rākaihautū Banks Peninsula
Hickory Bay	Te Pātaka o Rākaihautū Banks Peninsula
Hikuraki Bay	Te Pātaka o Rākaihautū Banks Peninsula
Holmes Bay	Te Pātaka o Rākaihautū Banks Peninsula



Suburb	Community board
Horomaka Island	Te Pātaka o Rākaihautū Banks Peninsula
Horseshoe Bay	Te Pātaka o Rākaihautū Banks Peninsula
Inainatū Bay / Pile Bay	Te Pātaka o Rākaihautū Banks Peninsula
Island Bay	Te Pātaka o Rākaihautū Banks Peninsula
Kaioruru / Church Bay	Te Pātaka o Rākaihautū Banks Peninsula
King Billy Island	Te Pātaka o Rākaihautū Banks Peninsula
Lake Ellesmere (Te Waihora)	Te Pātaka o Rākaihautū Banks Peninsula
Lake Forsyth (Wairewa)	Te Pātaka o Rākaihautū Banks Peninsula
Le Bons Bay	Te Pātaka o Rākaihautū Banks Peninsula
Little Akaloa	Te Pātaka o Rākaihautū Banks Peninsula
Little Akaloa Bay	Te Pātaka o Rākaihautū Banks Peninsula
Little Port Cooper	Te Pātaka o Rākaihautū Banks Peninsula
Little River	Te Pātaka o Rākaihautū Banks Peninsula
Little Tikao Bay	Te Pātaka o Rākaihautū Banks Peninsula
Livingstone Bay	Te Pātaka o Rākaihautū Banks Peninsula
Long Bay	Te Pātaka o Rākaihautū Banks Peninsula
Lucas Bay	Te Pātaka o Rākaihautū Banks Peninsula
Lushington Bay	Te Pātaka o Rākaihautū Banks Peninsula
Lyttelton	Te Pātaka o Rākaihautū Banks Peninsula
Manuka Bay	Te Pātaka o Rākaihautū Banks Peninsula
Mat Wight Bay	Te Pātaka o Rākaihautū Banks Peninsula
Mechanics Bay	Te Pātaka o Rākaihautū Banks Peninsula
Motukauatiiti / Corsair Bay	Te Pātaka o Rākaihautū Banks Peninsula
Motukauatirahi / Cass Bay	Te Pātaka o Rākaihautū Banks Peninsula
North West Bay	Te Pātaka o Rākaihautū Banks Peninsula
Oashore Bay	Te Pātaka o Rākaihautū Banks Peninsula
Ohinepaka Bay	Te Pātaka o Rākaihautū Banks Peninsula
Okains Bay	Te Pātaka o Rākaihautū Banks Peninsula
Okuti Valley	Te Pātaka o Rākaihautū Banks Peninsula
Ōtamahua / Quail Island	Te Pātaka o Rākaihautū Banks Peninsula
Otokitoki / Gollans Bay	Te Pātaka o Rākaihautū Banks Peninsula
Peraki	Te Pātaka o Rākaihautū Banks Peninsula
Petit Carenage Bay	Te Pātaka o Rākaihautū Banks Peninsula
Pigeon Bay	Te Pātaka o Rākaihautū Banks Peninsula
Pile Bay	Te Pātaka o Rākaihautū Banks Peninsula
Port Levy	Te Pātaka o Rākaihautū Banks Peninsula
Port Levy (Potiriwi) / Koukourarata	Te Pātaka o Rākaihautū Banks Peninsula
Prices Valley	Te Pātaka o Rākaihautū Banks Peninsula
Pukerauaruhe Island	Te Pātaka o Rākaihautū Banks Peninsula
Purau	Te Pātaka o Rākaihautū Banks Peninsula
Purau Bay	Te Pātaka o Rākaihautū Banks Peninsula
Quail Island	Te Pātaka o Rākaihautū Banks Peninsula
Rāpaki	Te Pātaka o Rākaihautū Banks Peninsula
Rāpaki Bay	Te Pātaka o Rākaihautū Banks Peninsula
Red Bay	Te Pātaka o Rākaihautū Banks Peninsula
Ripapa Island	Te Pātaka o Rākaihautū Banks Peninsula
Robin Hood Bay	Te Pātaka o Rākaihautū Banks Peninsula

Suburb	Community board
Robinsons Bay	Te Pātaka o Rākaihautū Banks Peninsula
Shell Bay	Te Pātaka o Rākaihautū Banks Peninsula
Sleepy Bay	Te Pātaka o Rākaihautū Banks Peninsula
Southbridge	Te Pātaka o Rākaihautū Banks Peninsula
Squally Bay	Te Pātaka o Rākaihautū Banks Peninsula
Tai Tapu	Te Pātaka o Rākaihautū Banks Peninsula
Takamatua	Te Pātaka o Rākaihautū Banks Peninsula
Takamatua Bay	Te Pātaka o Rākaihautū Banks Peninsula
Te Monene	Te Pātaka o Rākaihautū Banks Peninsula
Te Oka	Te Pātaka o Rākaihautū Banks Peninsula
Te Oka Bay	Te Pātaka o Rākaihautū Banks Peninsula
Te Pōhue / Camp Bay	Te Pātaka o Rākaihautū Banks Peninsula
Te Wharau / Charteris Bay	Te Pātaka o Rākaihautū Banks Peninsula
Teddington	Te Pātaka o Rākaihautū Banks Peninsula
The Amphitheatre	Te Pātaka o Rākaihautū Banks Peninsula
The Long Boat	Te Pātaka o Rākaihautū Banks Peninsula
Tikao Bay	Te Pātaka o Rākaihautū Banks Peninsula
Titoki or Little Tikao Bay	Te Pātaka o Rākaihautū Banks Peninsula
Tokoroa Bay	Te Pātaka o Rākaihautū Banks Peninsula
Tumbledown Bay	Te Pātaka o Rākaihautū Banks Peninsula
Wainui	Te Pātaka o Rākaihautū Banks Peninsula
Waitata / Little Port Cooper	Te Pātaka o Rākaihautū Banks Peninsula
Whitehead Bay	Te Pātaka o Rākaihautū Banks Peninsula

Figure 9: Dunedin ward map

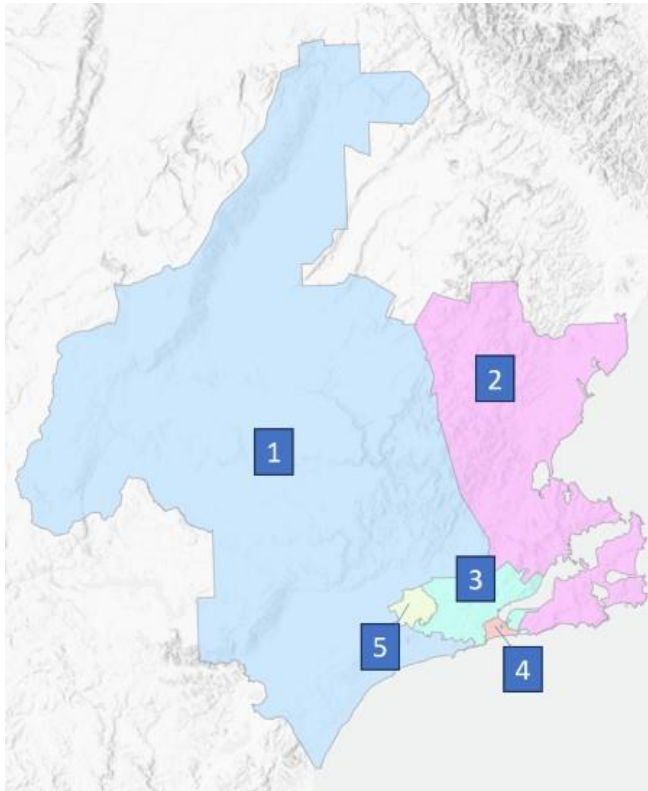


Table 16: Dunedin suburb list

Suburb	Ward
Aramoana	North Coast / Otago Peninsula
Broad Bay	North Coast / Otago Peninsula
Bucklands Crossing	North Coast / Otago Peninsula
Cape Saunders	North Coast / Otago Peninsula
Careys Bay	North Coast / Otago Peninsula
Company Bay	North Coast / Otago Peninsula
Deborah Bay	North Coast / Otago Peninsula
Edwards Bay	North Coast / Otago Peninsula
Evansdale	North Coast / Otago Peninsula
Harington Point	North Coast / Otago Peninsula
Harwood	North Coast / Otago Peninsula
Heyward Point	North Coast / Otago Peninsula
Highcliff	North Coast / Otago Peninsula
Karitane	North Coast / Otago Peninsula
Larnachs Castle	North Coast / Otago Peninsula
Leith Valley	North Coast / Otago Peninsula
Long Beach	North Coast / Otago Peninsula
Lower Portobello	North Coast / Otago Peninsula
Macandrew Bay	North Coast / Otago Peninsula
Merton	North Coast / Otago Peninsula
Mihiwaka	North Coast / Otago Peninsula
Mount Cargill	North Coast / Otago Peninsula
Ocean Grove / Tomahawk	North Coast / Otago Peninsula
Okia Flat	North Coast / Otago Peninsula
Omimi	North Coast / Otago Peninsula
Onkapua	North Coast / Otago Peninsula
Osborne	North Coast / Otago Peninsula
Otakou	North Coast / Otago Peninsula
Port Chalmers	North Coast / Otago Peninsula
Portobello	North Coast / Otago Peninsula
Pudding Island	North Coast / Otago Peninsula
Pūrākaunui	North Coast / Otago Peninsula
Raynbirds Bay	North Coast / Otago Peninsula
Roseneath	North Coast / Otago Peninsula
Sandymount	North Coast / Otago Peninsula
Sawyers Bay	North Coast / Otago Peninsula
Seacliff	North Coast / Otago Peninsula
Turnbolls Bay	North Coast / Otago Peninsula
Upper Junction	North Coast / Otago Peninsula
Upper Waitati	North Coast / Otago Peninsula
Waikouaiti	North Coast / Otago Peninsula
Waitati	North Coast / Otago Peninsula
Warrington	North Coast / Otago Peninsula
Allanton	South Coast / Strath Taieri
Berwick	South Coast / Strath Taieri

Suburb	Ward
Blackhead	South Coast / Strath Taieri
Brighton	South Coast / Strath Taieri
Chain Hills	South Coast / Strath Taieri
Clarks Junction	South Coast / Strath Taieri
Henley	South Coast / Strath Taieri
Hindon	South Coast / Strath Taieri
Hyde	South Coast / Strath Taieri
Kuri Bush	South Coast / Strath Taieri
Lee Stream	South Coast / Strath Taieri
Middlemarch	South Coast / Strath Taieri
Momona	South Coast / Strath Taieri
Mount Allan	South Coast / Strath Taieri
Mount Stoker	South Coast / Strath Taieri
Ngapuna	South Coast / Strath Taieri
North Taieri	South Coast / Strath Taieri
Ocean View	South Coast / Strath Taieri
Outram	South Coast / Strath Taieri
Owhiro	South Coast / Strath Taieri
Pukerangi	South Coast / Strath Taieri
Riverside	South Coast / Strath Taieri
Rock and Pillar	South Coast / Strath Taieri
Saddle Hill	South Coast / Strath Taieri
Salt Lake	South Coast / Strath Taieri
Scroggs Hill	South Coast / Strath Taieri
Shannon	South Coast / Strath Taieri
Sutton	South Coast / Strath Taieri
Tiroiti	South Coast / Strath Taieri
Waldronville	South Coast / Strath Taieri
Westwood	South Coast / Strath Taieri
Woodside	South Coast / Strath Taieri
Abbotsford	Urban Dunedin
Andersons Bay	Urban Dunedin
Balaclava	Urban Dunedin
Belleknowes	Urban Dunedin
Bradford	Urban Dunedin
Brockville	Urban Dunedin
Burnside	Urban Dunedin
Calton Hill	Urban Dunedin
Clyde Hill	Urban Dunedin
Concord	Urban Dunedin
Corstorphine	Urban Dunedin
Dalmore	Urban Dunedin
Dunedin Central	Urban Dunedin
Fairfield	Urban Dunedin
Glenleith	Urban Dunedin
Glenross	Urban Dunedin
Green Island	Urban Dunedin

Suburb	Ward
Halfway Bush	Urban Dunedin
Helensburgh	Urban Dunedin
Kaikorai	Urban Dunedin
Kenmure	Urban Dunedin
Kew	Urban Dunedin
Liberton	Urban Dunedin
Lookout Point	Urban Dunedin
Maia	Urban Dunedin
Māori Hill	Urban Dunedin
Maryhill	Urban Dunedin
Mornington	Urban Dunedin
Mount Grand	Urban Dunedin
Normanby	Urban Dunedin
North Dunedin	Urban Dunedin
North East Valley	Urban Dunedin
Ōpoho	Urban Dunedin
Pine Hill	Urban Dunedin
Ravensbourne	Urban Dunedin
Roslyn	Urban Dunedin
Ross Creek Reservoir	Urban Dunedin
Saint Clair	Urban Dunedin
Saint Leonards	Urban Dunedin
Shiel Hill	Urban Dunedin
Southern Reservoir	Urban Dunedin
The Cove	Urban Dunedin
The Glen	Urban Dunedin
Vauxhall	Urban Dunedin
Wakari	Urban Dunedin
Waverley	Urban Dunedin
Woodhaugh	Urban Dunedin
Caversham	South Dunedin
Forbury	South Dunedin
Kensington	South Dunedin
Lawyers Head	South Dunedin
Musselburgh	South Dunedin
Saint Kilda	South Dunedin
South Dunedin	South Dunedin
Tainui	South Dunedin
East Taieri	Mosgiel
Kinmont Park	Mosgiel
Mosgiel	Mosgiel

## Appendix 4: Iwi and rohe list

The following lists were used to determine respondents' iwi affiliation(s).

*Table 17: Region / rohe*

Region / rohe	Code
Te Tai Tokerau / Tāmaki-Makaurau (Northland / Auckland) Region Iwi	1
Hauraki (Coromandel) Region Iwi	2
Waikato / Te Rohe Pōtae (Waikato / King Country) Region Iwi	3
Te Arawa / Taupō (Rotorua / Taupō) Region Iwi	4
Tauranga Moana / Mātaatua (Bay of Plenty) Region Iwi	5
Te Tai Rāwhiti (East Coast) Region Iwi	6
Te Matau-a-Māui / Wairarapa (Hawke's Bay / Wairarapa) Region Iwi	7
Taranaki Region Iwi	8
Whanganui / Rangitikei (Wanganui / Rangitikei) Region Iwi	9
Manawatū / Horowhenua / Te Whanganui-a-Tara (Manawatū / Horowhenua / Wellington) Region Iwi	10
Te Waipounamu / Wharekauri (South Island / Chatham Islands) Region Iwi	11

*Table 18: Iwi*

Iwi	Region code
Te Aupōuri	1
Ngāti Kahu	1
Ngāti Kuri	1
Ngāpuhi	1
Ngāpuhi ki Whaingaroa-Ngāti Kahu ki Whaingaroa	1
Te Rarawa	1
Ngāi Takoto	1
Ngāti Wai	1
Ngāti Whātua (not Ōrākei or Kaipara)	1
Te Kawerau ā Maki	1
Te Uri-o-Hau	1
Te Roroa	1
Ngāti Whātua o Kaipara	1
Ngāti Whātua-o-Ōrākei	1
Ngāi Tai ki Tāmaki	1
Ngāti Hine (Te Tai Tokerau)	1
Te Paatu	1
Ngāti Manuhiri	1
Ngāti Rehua	1
Ngāti Hako	2
Ngāti Hei	2
Ngāti Maru (Hauraki)	2
Ngāti Pāoa	2
Patukirikiri	2
Ngāti Porou ki Harataunga ki Mataora	2

Iwi	Region code
Ngāti Pūkenga ki Waiau	2
Ngāti Rāhiri Tumutumu	2
Ngāti Tamaterā	2
Ngāti Tara Tokanui	2
Ngāti Whanaunga	2
Ngāti Haua (Waikato)	3
Ngāti Maniapoto	3
Raukawa (Waikato)	3
Waikato	3
Ngāti Te Ata	3
Ngāti Hikairo	3
Rereahu	3
Ngāti Tiipa	3
Ngāti Korokī Kahukura	3
Ngāti Tamaoho	3
Te Ākitai-Waiohū	3
Ngāti Pīkiao (Te Arawa)	4
Ngāti Rangiteaorere (Te Arawa)	4
Ngāti Rangitīhi (Te Arawa)	4
Ngāti Rangiwewehi (Te Arawa)	4
Tapuika (Te Arawa)	4
Ngāti Tarāwhai (Te Arawa)	4
Tūhourangi (Te Arawa)	4
Uenuku-Kōpako (Te Arawa)	4
Waitaha (Te Arawa)	4
Ngāti Whakaue (Te Arawa)	4
Ngāti Tūwharetoa (ki Taupō)	4
Ngāti Tahu – Ngāti Whaoa (Te Arawa)	4
Ngāti Mākinō	4
Ngāti Kearoa / Ngāti Tuarā	4
Ngāti Rongomai (Te Arawa)	4
Ngāti Pūkenga	5
Ngāi Te Rangī	5
Ngāti Ranginui	5
Ngāti Awa	5
Ngāti Manawa	5
Ngāi Tai (Tauranga Moana / Mātaatua)	5
Tūhoe	5
Whakatōhea	5
Te Whānau-ā-Apanui	5
Ngāti Whare	5
Ngā Pōtiki ā Tamapahore	5
Te Ūpokorehe	5
Ngāti Tūwharetoa ki Kawerau	5
Ngāti Porou	6
Te Aitanga-a-Māhaki	6

Iwi	Region code
Rongowhakaata	6
Ngāi Tāmanuhiri	6
Te Aitanga ā Hauiti	6
Rongomaiwahine (Te Māhia)	7
Ngāti Kahungunu ki Te Wairoa	7
Ngāti Kahungunu ki Heretaunga	7
Ngāti Kahungunu ki Wairarapa	7
Rangitāne (Te Matau-a-Māui / Hawke's Bay / Wairarapa)	7
Ngāti Kahungunu ki Te Whanganui-a-Orotū	7
Ngāti Kahungunu ki Tamatea	7
Ngāti Kahungunu ki Tamakinui a Rua	7
Ngāti Pāhauwera	7
Ngāti Rākaipaaka	7
Ngāti Hineuru	7
Maungaharuru Tangitū	7
Rangitāne o Tamaki nui ā Rua	7
Ngāti Ruapani ki Waikaremoana	7
Te Hika o Pāpāuma	7
Te Atiawa (Taranaki)	8
Ngāti Maru (Taranaki)	8
Ngāti Mutunga (Taranaki)	8
Ngā Rauru	8
Ngā Ruahine	8
Ngāti Ruanui	8
Ngāti Tama (Taranaki)	8
Taranaki	8
Tangāhoe	8
Pakakohi	8
Ngāti Apa (Rangitikei)	9
Te Ati Haunui-a-Pāpārangi	9
Ngāti Haua (Taumarunui)	9
Ngāti Hauiti (Rangitikei)	9
Ngāti Whitikaupeka (Rangitikei)	9
Ngāi Te Ohuake (Rangitikei)	9
Ngāti Tamakōpiri (Rangitikei)	9
Ngāti Rangī (Ruapehu, Whanganui)	9
Uenuku (Ruapehu, Waimarino)	9
Tamahaki (Ruapehu, Waimarino)	9
Tamakana (Ruapehu, Waimarino)	9
Te Atiawa (Te Whanganui-a-Tara / Wellington)	10
Muaūpoko	10
Rangitāne (Manawatū)	10
Ngāti Raukawa (Horowhenua / Manawatū)	10
Ngāti Toarangatira (Te Whanganui-a-Tara / Wellington)	10
Te Atiawa ki Whakarongotai	10
Ngāti Tama ki Te Upoko o Te Ika (Te Whanganui-a-Tara / Wellington)	10



Iwi	Region code
Ngāti Kauwhata	10
Ngāti Tukorehe	10
Te Atiawa (Te Waipounamu / South Island)	11
Ngāti Koata	11
Ngāti Kuia	11
Kāti Māmoe	11
Moriōri	11
Ngāti Mutunga (Wharekauri / Chatham Islands)	11
Rangitāne (Te Waipounamu / South Island)	11
Ngāti Rārua	11
Ngāi Tahu / Kāi Tahu	11
Ngāti Tama (Te Waipounamu / South Island)	11
Ngāti Toarangatira (Te Waipounamu / South Island)	11
Waitaha (Te Waipounamu / South Island)	11
Ngāti Apa ki Te Rā Tō	11
Other (please specify) [OE]	1–11
Don't know	1–11

## Appendix 5: Auckland areas

*Table 19: Auckland local boards by sub- area used for sampling and reporting*

<b>North Auckland</b>
Hibiscus and Bays
Upper Harbour
Kaipātiki
Devonport-Takapuna
<b>West Auckland</b>
Henderson-Massey
Whau
Waitākere Ranges
<b>Central Auckland</b>
Puketāpapa
Albert-Eden
Waitematā
Waiheke
Ōrākei
Maungakiekie-Tāmaki
<b>South Auckland</b>
Māngere-Ōtāhuhu
Ōtara-Papatoetoe
Manurewa
Papakura
<b>East Auckland</b>
Howick
<b>Rural Auckland</b>
Rodney
Franklin
Aotea / Great Barrier

## Appendix 6: Weighting matrices

Table 20: Population figures by gender

Resident population (18+ 2023 census)	Total	Male	Female
North Auckland*	261,534	126,675	134,859
West Auckland*	196,344	97,113	99,231
Central Auckland*	326,154	159,237	166,917
South Auckland*	240,531	118,938	121,593
East Auckland*	117,183	57,432	59,751
Rural Auckland*	124,281	61,533	62,748
Hamilton	130,392	63,057	67,335
Tauranga	116,895	55,548	61,347
Hutt City	82,533	40,497	42,036
Wellington	164,052	79,353	84,699
Porirua	43,443	20,976	22,467
Christchurch	311,082	152,526	158,556
Dunedin	104,469	49,572	54,897
Waikato region (excl. Hamilton)	298,059	146,640	151,419

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

Table 19: Population figures by ethnicity

Resident population (18+ 2023 census)	Total	European / Other	Māori	Pacific peoples	Asian
North Auckland*	262,413	176,541	16,509	8,109	79,425
West Auckland*	197,154	100,197	24,642	32,778	63,852
Central Auckland*	328,041	194,376	26,298	31,242	106,116
South Auckland*	241,113	61,554	43,500	91,800	74,334
East Auckland*	117,444	49,698	6,225	7,848	60,843
Rural Auckland*	124,641	104,121	14,793	5,466	12,936
Hamilton	131,025	82,641	28,332	7,029	29,379
Tauranga	117,228	96,291	18,636	3,069	11,433
Hutt City	82,905	55,953	13,794	8,451	15,093
Wellington	166,368	127,566	14,898	8,373	32,517
Porirua	43,599	27,411	8,451	10,062	4,848
Christchurch	312,768	248,457	28,962	10,476	50,745
Dunedin	105,192	92,736	9,405	3,447	9,363
Waikato region (excl. Hamilton)	298,812	234,102	71,877	10,869	20,526

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

Table 20: Population figures by age

Resident population (18+ 2023 census)	Total	18–24	25–34	35–49	50–64	65+
North Auckland*	262,413	27,513	47,127	74,940	59,613	53,220
West Auckland*	197,154	22,602	42,672	56,814	44,070	30,996
Central Auckland*	328,041	44,031	74,913	84,534	70,203	54,360
South Auckland*	241,113	35,799	59,721	64,872	49,473	31,248
East Auckland*	117,444	12,807	20,763	35,046	26,913	21,915
Rural Auckland*	124,641	11,400	19,110	31,587	34,533	28,011
Hamilton	131,025	19,107	29,913	34,641	25,581	21,783
Tauranga	117,228	10,932	20,559	29,379	26,223	30,135
Hutt City	82,905	8,565	16,224	22,809	19,503	15,804
Wellington	166,368	28,410	36,882	41,625	35,787	23,664
Porirua	43,599	4,944	8,127	12,177	10,641	7,710
Christchurch	312,768	41,286	61,365	75,786	70,422	63,909
Dunedin	105,192	21,927	15,792	21,723	23,421	22,329
Waikato region (excl. Hamilton)	298,812	27,657	47,184	70,062	78,414	75,495

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

Table 21: Population proportion (%) by gender

Resident population (18+ 2023 census)	Male	Female
North Auckland*	48.44%	51.56%
West Auckland*	49.46%	50.54%
Central Auckland*	48.82%	51.18%
South Auckland*	49.45%	50.55%
East Auckland*	49.01%	50.99%
Rural Auckland*	49.51%	50.49%
Hamilton	48.36%	51.64%
Tauranga	47.52%	52.48%
Hutt City	49.07%	50.93%
Wellington	48.37%	51.63%
Porirua	48.28%	51.72%
Christchurch	49.03%	50.97%
Dunedin	47.45%	52.55%
Waikato region (excl. Hamilton)	49.20%	50.80%

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

Table 22: Population proportion (%) by ethnicity

Resident population (18+ 2023 census)	European / Other	Māori	Pacific peoples	Asian
North Auckland*	67.28%	6.29%	3.09%	30.27%
West Auckland*	50.82%	12.50%	16.63%	32.39%
Central Auckland*	59.25%	8.02%	9.52%	32.35%
South Auckland*	25.53%	18.04%	38.07%	30.83%
East Auckland*	42.32%	5.30%	6.68%	51.81%
Rural Auckland*	83.54%	11.87%	4.39%	10.38%
Hamilton	63.07%	21.62%	5.36%	22.42%
Tauranga	82.14%	15.90%	2.62%	9.75%
Hutt City	67.49%	16.64%	10.19%	18.21%
Wellington	76.68%	8.95%	5.03%	19.55%
Porirua	62.87%	19.38%	23.08%	11.12%
Christchurch	79.44%	9.26%	3.35%	16.22%
Dunedin	88.16%	8.94%	3.28%	8.90%
Waikato region (excl. Hamilton)	78.34%	24.05%	3.64%	6.87%

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

Table 23: Population proportion (%) by age

Resident population (18+ 2023 census)	18–24	25–34	35–49	50–64	65+
North Auckland*	10.48%	17.96%	28.56%	22.72%	20.28%
West Auckland*	11.46%	21.64%	28.82%	22.35%	15.72%
Central Auckland*	13.42%	22.84%	25.77%	21.40%	16.57%
South Auckland*	14.85%	24.77%	26.91%	20.52%	12.96%
East Auckland*	10.90%	17.68%	29.84%	22.92%	18.66%
Rural Auckland*	9.15%	15.33%	25.34%	27.71%	22.47%
Hamilton	14.58%	22.83%	26.44%	19.52%	16.63%
Tauranga	9.33%	17.54%	25.06%	22.37%	25.71%
Hutt City	10.33%	19.57%	27.51%	23.52%	19.06%
Wellington	17.08%	22.17%	25.02%	21.51%	14.22%
Porirua	11.34%	18.64%	27.93%	24.41%	17.68%
Christchurch	13.20%	19.62%	24.23%	22.52%	20.43%
Dunedin	20.84%	15.01%	20.65%	22.27%	21.23%
Waikato region (excl. Hamilton)	9.26%	15.79%	23.45%	26.24%	25.27%

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

## 8-city weight targets

Table 24: Post weights council areas proportion (%)

Council areas	8-city post weight
North Auckland*	11.77%
West Auckland*	8.84%
Central Auckland*	14.71%
South Auckland*	10.81%
East Auckland*	5.27%
Rural Auckland*	5.59%
Hamilton	5.88%
Tauranga	5.26%
Hutt City	3.72%
Wellington	7.46%
Porirua	1.96%
Christchurch	14.03%
Dunedin	4.72%

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions. In combination, Auckland has an 8-city post weight of 56.99%.

Table 25: Auckland areas

Auckland	Resident population aged 18+ (2023 census)	Population proportion
North Auckland*	262,413	20.65%
West Auckland*	197,154	15.51%
Central Auckland*	328,041	25.82%
South Auckland*	241,113	18.97%
East Auckland*	117,444	9.24%
Rural Auckland*	124,641	9.81%

\*As noted in the earlier description of the weighting approach, Auckland was divided into 6 sub-regions.

Table 26: Hamilton general wards

Hamilton	Resident population aged 18+ (2023 census)	Population proportion
West	60,894	46.47%
East	70,140	53.53%

Table 27: Tauranga general wards

<b>Tauranga</b>	<b>Resident population aged 18+ (2023 census)</b>	<b>Population proportion</b>
Bethlehem	14,745	12.58%
Tauriko	14,040	11.98%
Matua-Ōtūmoetai	14,370	12.26%
Te Papa	14,517	12.39%
Mauao / Mount Maunganui	12,777	10.90%
Welcome Bay	15,582	13.29%
Arataki	14,907	12.72%
Papamoa	16,275	13.88%

Table 30: Hutt City wards

<b>Hutt City</b>	<b>Resident population aged 18+ (2023 census)</b>	<b>Population proportion</b>
Western	12,639	15.24%
Northern	12,516	15.10%
Central	14,064	16.96%
Eastern	13,680	16.50%
Harbour	15,405	18.58%
Wainuiomata	14,607	17.62%

Table 28: Wellington general wards

<b>Wellington</b>	<b>Resident population aged 18+ (2023 census)</b>	<b>Population proportion</b>
Motukairangi / Eastern	29,754	17.89%
Paekawakawa / Southern	27,066	16.27%
Wharangi / Onslow-Western	33,480	20.13%
Pukehinau / Lambton	37,305	22.42%
Takapū / Northern	38,751	23.29%

Table 29: Porirua general wards

<b>Porirua</b>	<b>Resident population aged 18+ (2023 census)</b>	<b>Population proportion</b>
Onepoto	25,437	58.35%
Pāuatahanui	18,159	41.65%

Table 30: Christchurch community boards

Christchurch	Resident population aged 18+ (2023 census)	Population proportion
Waimāero Fendalton-Waimairi-Harewood	62,082	19.85%
Waitai Coastal-Burwood-Linwood	57,552	18.40%
Waipuna Halswell-Hornby-Riccarton	65,355	20.90%
Waipapa Papanui-Innes-Central	61,017	19.51%
Waihoru Spreydon-Cashmere-Heathcote	59,085	18.89%
Te Pātaka o Rākaihautū Banks Peninsula	7,653	2.45%

Table 31: Dunedin areas

Dunedin	Resident population aged 18+ (2023 census)	Population proportion
North Coast / Otago Peninsula, South Coast / Strath Taieri	16,496	15.68%
Main Urban Area	66,235	62.96%
South Dunedin	10,777	10.24%
Mosgiel Urban Area	11,689	11.11%

Table 32: Waikato districts

Waikato region	Resident population aged 18+ (2023 census)	Population proportion
Thames-Coromandel, Hauraki, Matamata-Piako	71,805	24.03%
Waikato, Waipā	107,766	36.07%
Waitomo, Ōtorohanga	14,886	4.98%
South Waikato, Taupō, Rotorua	104,325	34.92%



## Appendix 7: Glossary

This glossary provides a meaning to some of the more technical terms used in this report.

**Code frame:** Themes or topics used to group and categorise open-ended questions.

**Confidence interval:** This is the interval that is likely to contain the true population result.

**Confidence level:** This indicates how reliable the result is. The 95% confidence level means that you are 95% certain that the true value lies between the confidence interval.

**Margin of error:** This term expresses the likely amount of random sampling error in the result.

**Quota:** This is a target number of interviews that is set to ensure a certain sub-group of the population is represented.

**Significant:** Where results are said to be significant, this means that they are statistically different at the 95% confidence level.

**Weighting:** Weighting is a method of calculation in which some observations have their influence reduced and other observations have their influence increased. It is used to account for the sample profile being imbalanced relative to the population being measured.