

### Users in the Selected Period



624

### Conversations in the Selected Period



806

### Conversations in the Past 30 Days



0

### Conversations in the Past 7 Days



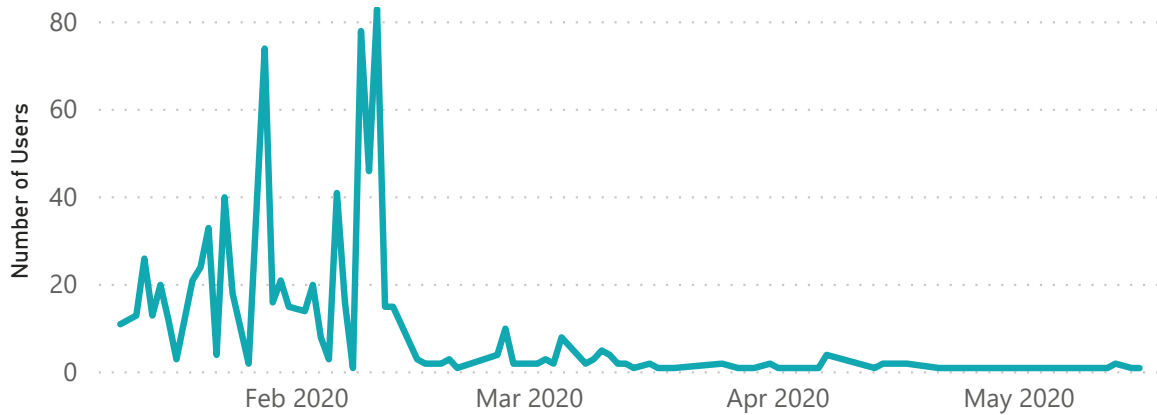
0

### Conversations in the Past 24 Hours

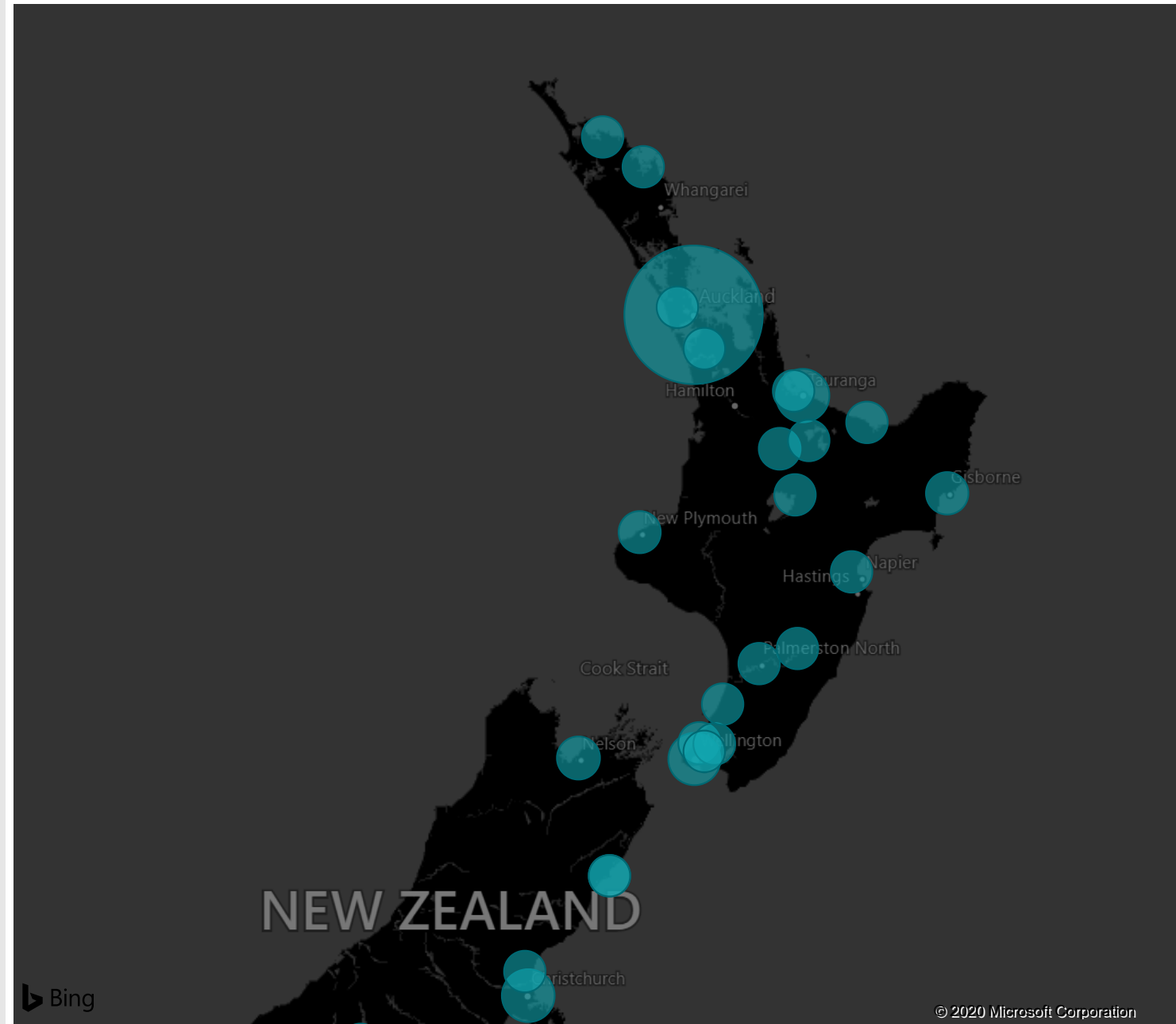


0

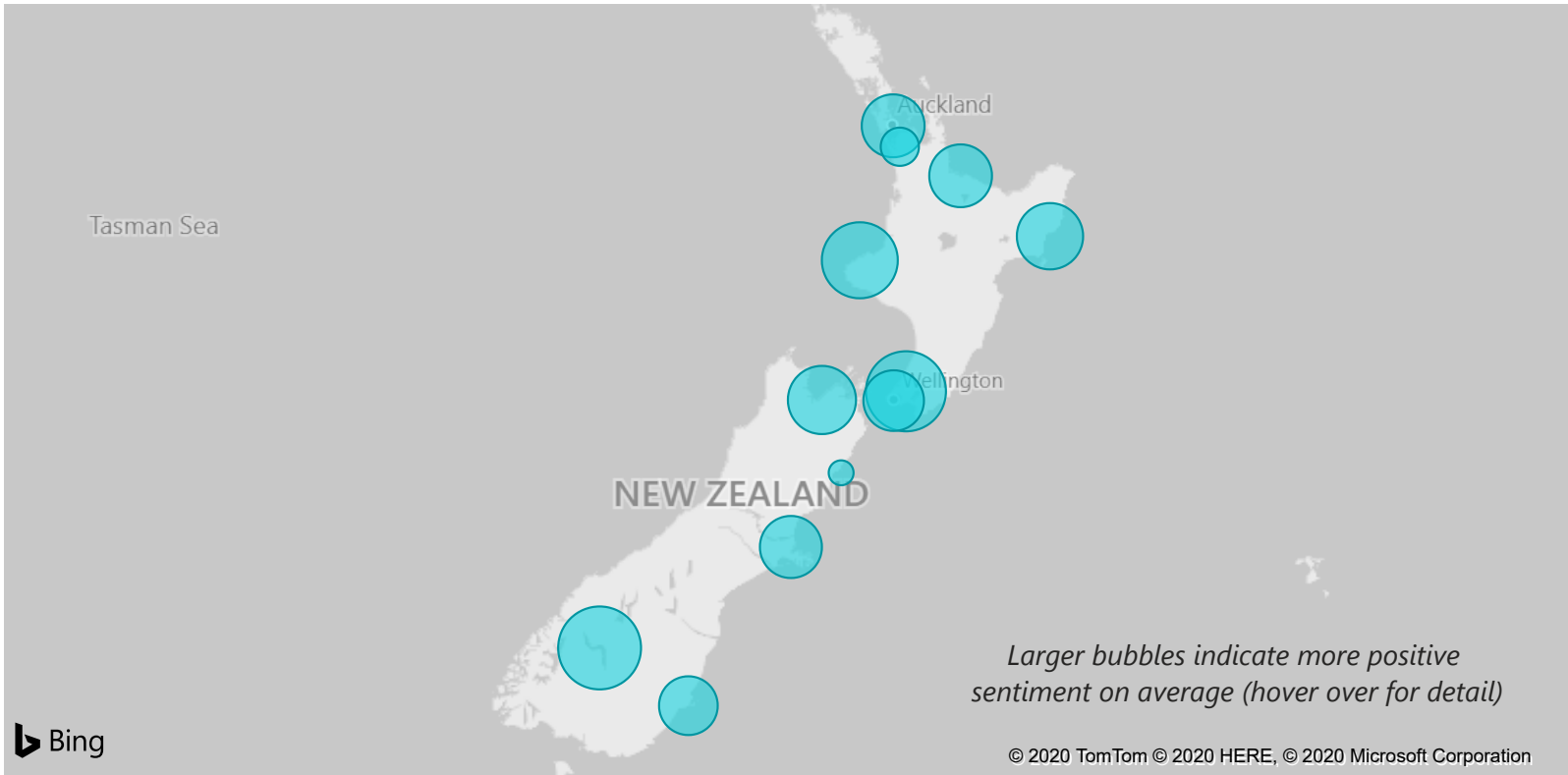
### Active Users Over Time



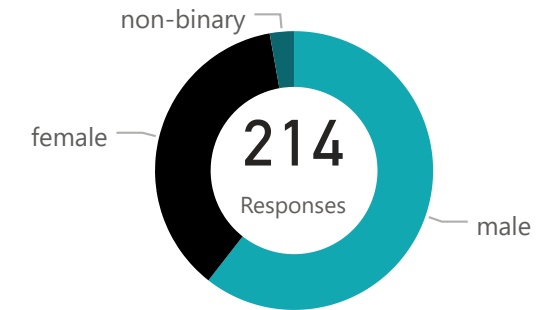
### Distribution of Responses



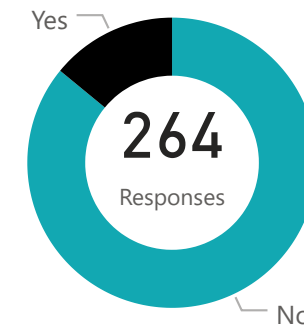
Sentiment Positivity by Location (larger bubbles indicate more positivity)



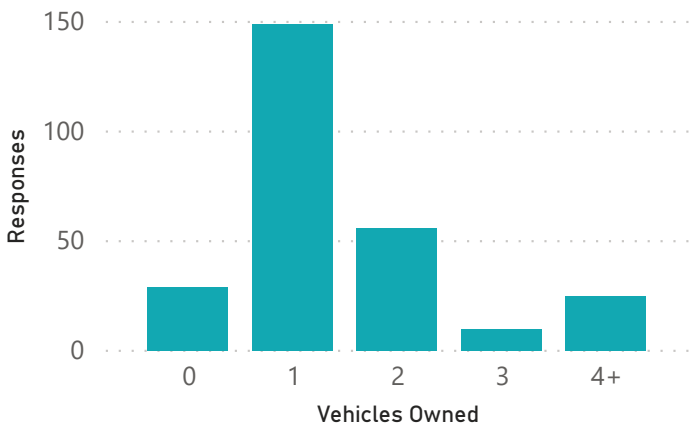
What gender do you identify as?



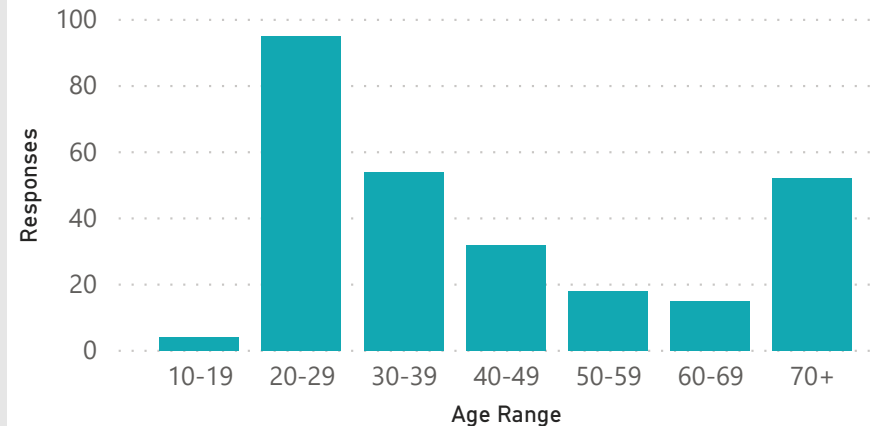
Do you live in a rural area?



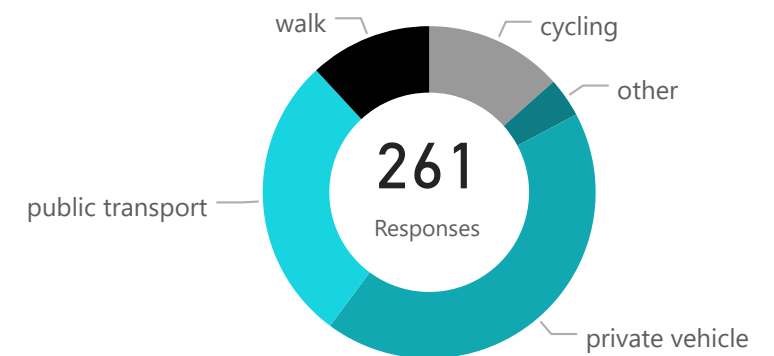
How many vehicles do you own?



How old are you?



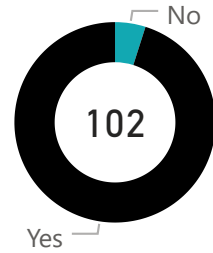
What mode of transport do you commonly use?



## Distribution of Responses



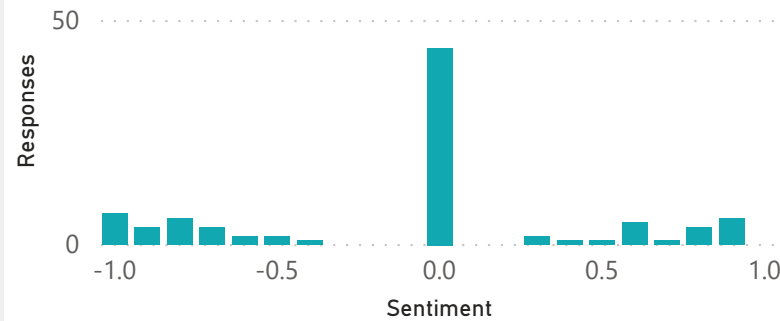
Do you believe more investment in public transport is required?



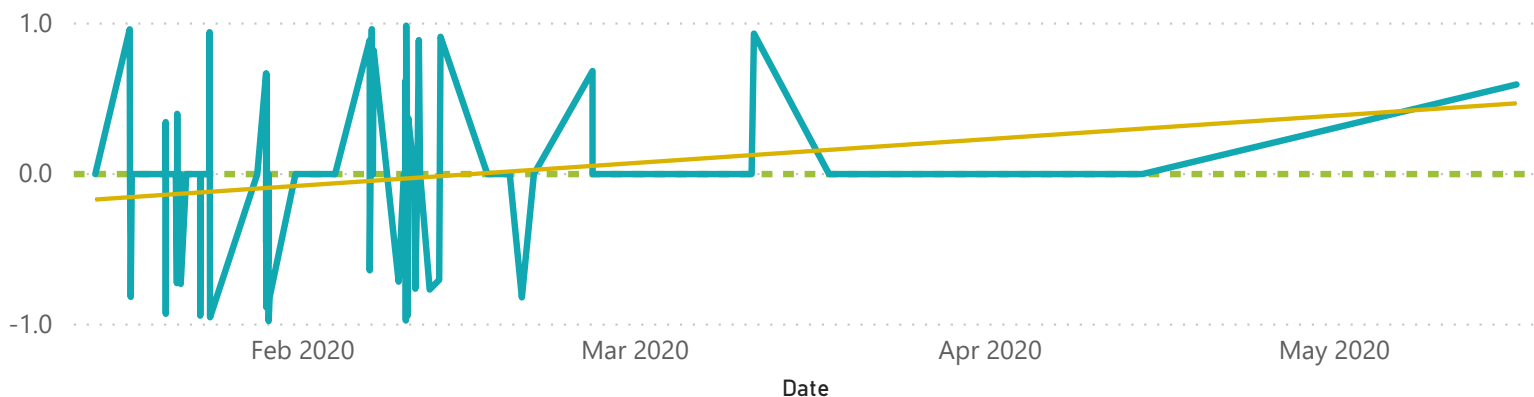
Average Sentiment

**-0.05**

## Distribution of Sentiment Scores



## Average Sentiment Over Time



## Why do you feel this way?

About more public transport?

ah, sorry. what would you like to know?

Already, traffic on the road has become so heavily congested and public transport isn't always quick and efficient. In the future this problem is only going to get worse and if we don't focus on developing mass transit infrastructure I think this will massively affect quality of life

Alternative means of transport. Tauranga is surrounded by water meaning roads are restricted.

At the moment it is the same price or cheaper to drive a car as it is to use public transport. When public transport is cheaper, easier and faster than driving more people will use it

At the moment private cars are still the easiest option for getting around, but better public transport would allow more people to ditch their cars and take public transport, limiting private vehicles to only those that really want or need to use them.

auckland is very congested with the number of private cars on the network

Because I am still stuck in traffic as of late

because I drive to work and it takes me 55 minutes but in the weekend it take 12 minutes

Because of its historical layout and topography there are a lot of bottlenecks for people to get to an from work

Because the commuting time each day is getting worst

Because the roads can't take all the people that will be here and we need land for houses

Better connections to main transport hubs - bus lanes to trains. And good parking at train stations so that people can get around easily.

both bus lanes and larger motorways

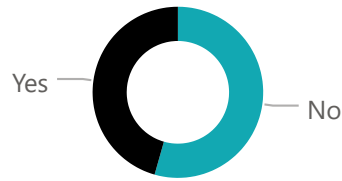
Bus system is limited and under-utilised, people choose to use personal cars too frequently

## Infrastructure

Do you think that the current infrastructure in your area is good enough for the current population?

68

Responses



### Why do you feel this way?

Utilities work well, traffic isnt a major problem and the community functions well

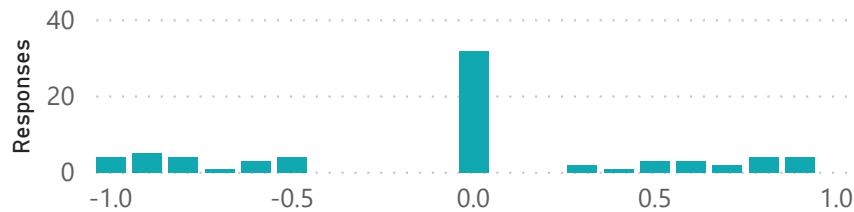
unreliable

Traffic bottlenecks exist eg Victoria tunnel, plus limited or poorly designed cycle ways (eg Island bay). Trains are getting better. Investment in school upgrades continues and needs to

There will be a higher burden on our existing infrastructure and resources.

there are so many cars and people

### Distribution of Sentiment Scores

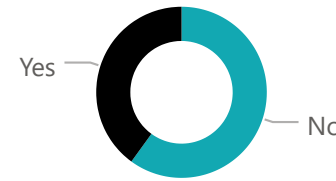


## Living Costs

Do you consider living in [location] affordable?

45

Responses



### Why do you feel this way?

younger people cannot afford to buy a house

With it being a tourist destination and all, everything costs so much when compared to other cities

We'll manage budget and job can afford to live here

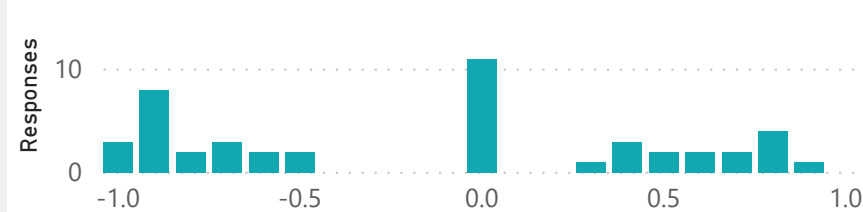
We own a house and have a moderate mortgage. we can afford to live in auckland within our means

Water isn't metered. Don't have as bad traffic jams as Auckland.

The rent is too high.

The cost of housing is too high

### Distribution of Sentiment Scores



## Overcrowding

Would you prefer construction in urban areas as opposed to rural areas in your area?

48

Responses



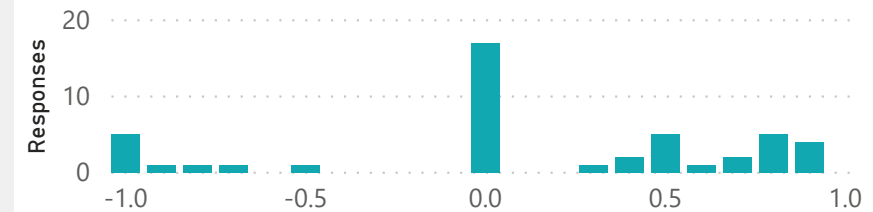
### Why do you feel this way?

yeah, its because if you are just developing the urban areas, they would have more influx and ultimately the people around rural areas would tend to move more to urban areas

With low population growth it is not necessary for rural inclusion to any extent. Additionally, there is community benefit to keep to population urban even if this means tighter packed

well no one wants to live in a city so having a lot of construction happening there would be fine and i live rural so i don't care what happens in the city

### Distribution of Sentiment Scores



## Roads

Are roads wide enough for parking in your area?

12

Responses



### Why do you feel this way?

Well, it generally takes me 1.5 hours to get to work in the morning, and sometimes it has taken me over 2 hours.

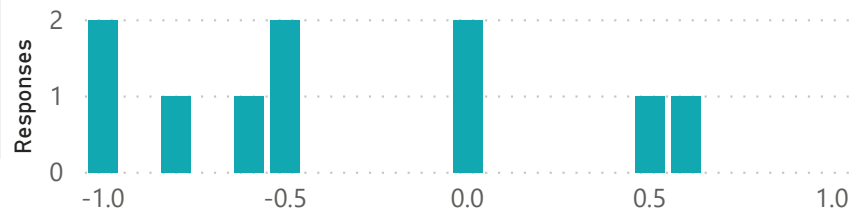
there are too many cars, too many people

Some of the residential roads are too narrow for parked cars and two way traffic

not really it's a design issue that would be better resolved with better urban design

most main roads are busy during morning and afternoon rush hour. The presence of road works usually makes the effects

### Distribution of Sentiment Scores

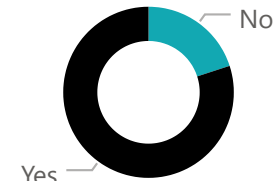


## Sustainability

Do you think there is pressure on the environment because of population growth?

10

Responses



### Why do you feel this way?

well development helps improve infrastructure, which should be good for the environment

no sir

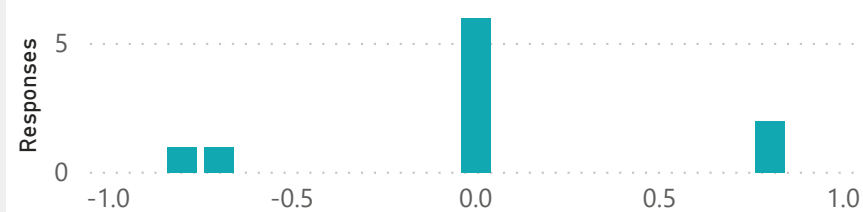
more people equals more pollution, what do you think?

I believe we can do even more to be sustainable

Harbours and resources under pressure, air and water pollution

For too long we have simply built to support population growth with no regard for the negative impacts that this has on our environment. The environment is not only important from an

### Distribution of Sentiment Scores

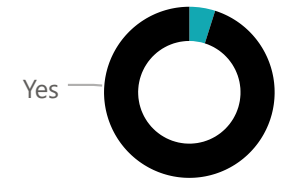


## Transportation

Do you believe more investment in public transport is required?

102

Responses



### Why do you feel this way?

your service this great opportunity to invest in rail

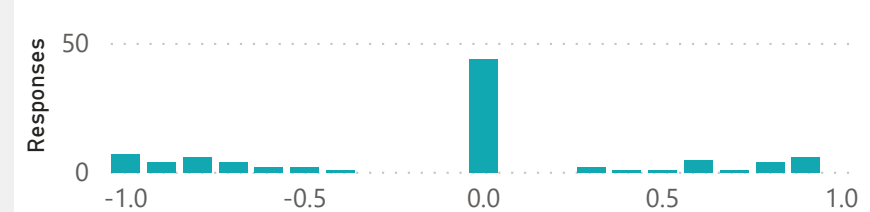
yes, one of the measures

Yes, much better public transport. But crucially we need to be undertaking development in areas that are already well connected. I live in Howick and the level of density growth and instill is madness for a suburb with only two roads out.

yes, but not in cycleways

yes, but I think it is not fair for us who have been here to pay so much for those who are coming in here

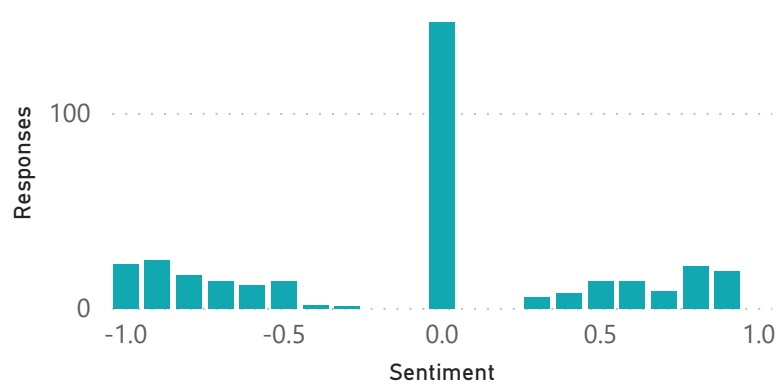
### Distribution of Sentiment Scores



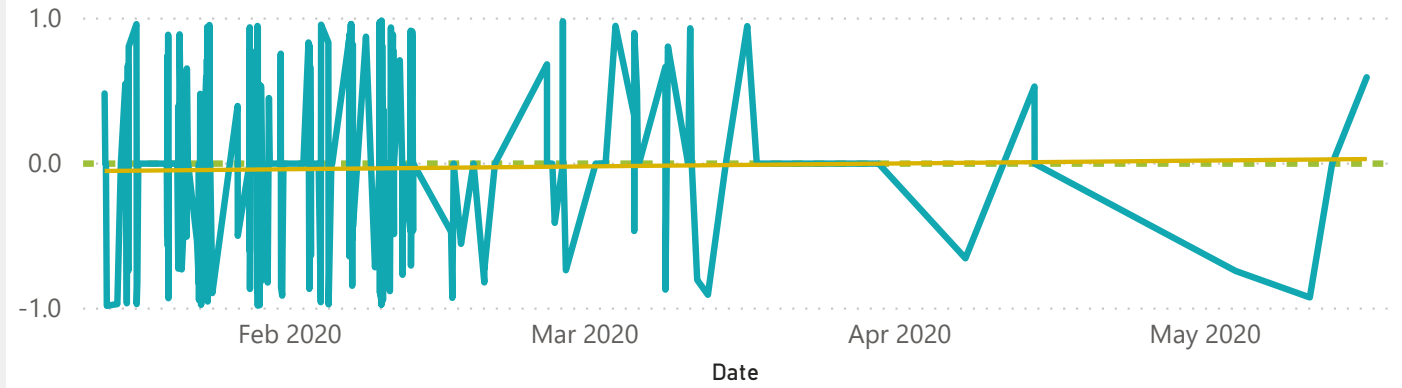
**-0.03**

Average Issue Sentiment

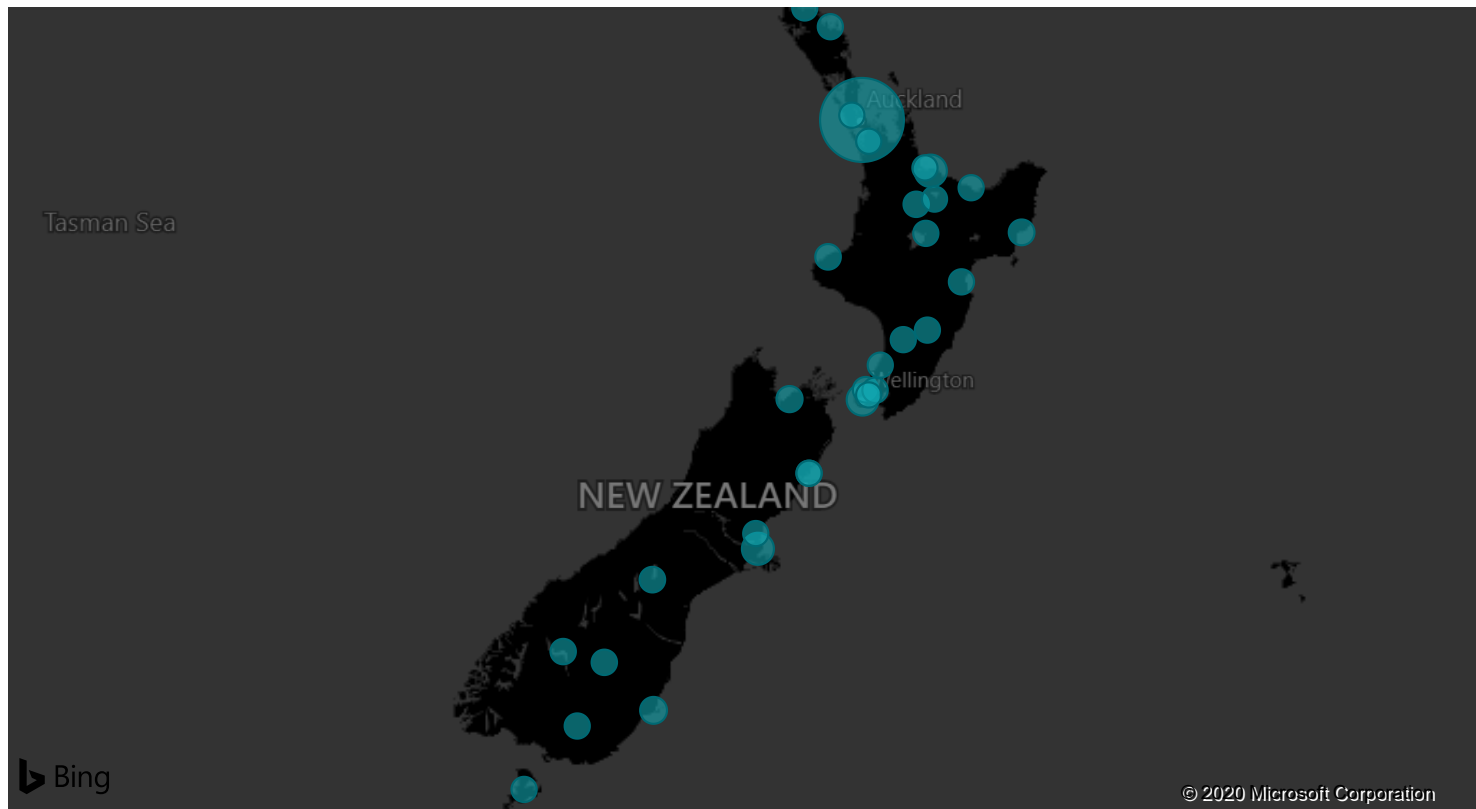
Distribution of Sentiment Scores



Average Sentiment Over Time



Distribution of Responses



## Demographic Filters

Click on any filter, or on the map, to see the change in issue sentiment. Hold down CTRL to select multiple filter options within the same section.

**Issue** ▾

- infrastructure
- living costs
- overcrowding
- roads
- sustainability
- transportation

**Ethnicity** ▾

- British
- Chinese
- European
- Filipino
- Irish
- New Zealander
- NZ European
- South African

**Age Range** ▾

- 10-19
- 20-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70+

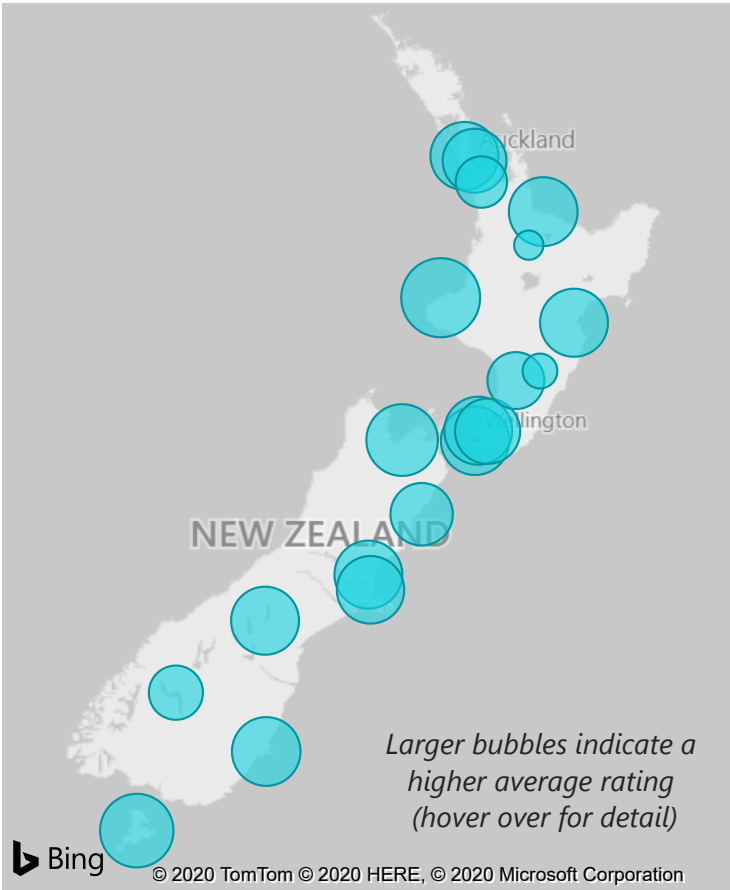
**Gender** ▾

- female
- male
- non-binary
- nondisclosure

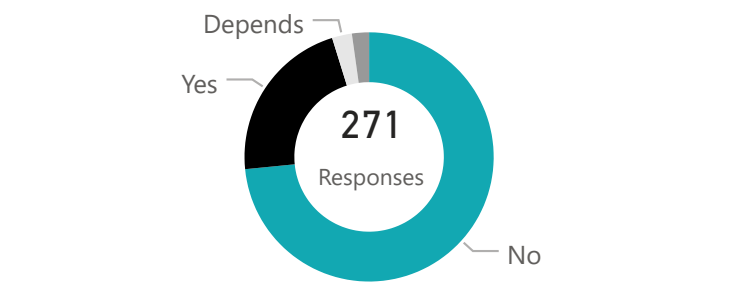
**Lives in Rural ...** ▾

- No
- Yes

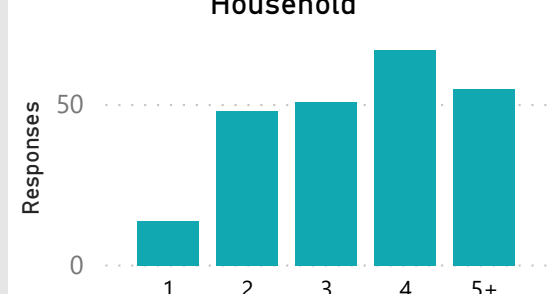
## Average Quality of Life Rating by Location



## Is affordability a real issue in your location?



## Number of Family Members per Household



### Age

- 10-19
- 20-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70+

### Gender

- female
- male
- non-binary

### Region

- Auckland
- Australia
- Brisbane
- Canberra
- Canterbury
- Christchurch
- Clive
- Dannevirke
- Dunedin
- Gisborne
- Gold Coast
- Gore

### Rural

- No
- Yes



### Transform your engagement

Artificial Intelligence (AI) has the potential to revolutionise how you connect, consult and engage with your stakeholders, customers and communities – in a meaningful, scalable and personalised way.

Combining our experience in engagement and consultation with our expertise in AI, we've developed a range of tools, to enhance consultation and engagement across a variety of situations, languages and interfaces. This includes a range of options to showcase your information, using virtual environments and digital twins.

Underpinned by natural language processing, our AI tools support natural and engaging conversations, to help meet the needs of different clients, businesses, communities, customers, stakeholders and projects.

Feedback, views and sentiment is gathered and analysed by the AI, with insight, including key trends and demographics, presented in an easy-to-read dashboard in real-time.

### What is Natural Language Processing (NLP)?

Natural language processing (NLP) is an area of artificial intelligence which allows systems to understand human language, and communicate and collect information.

For 100s of years we've analysed things using numbers, now we can analyse and understand information and views contained in text and documents.

### How does it work?

Whether you just require a conversational AI chatbot, a virtual consultation room, or an integrated and interactive digital asset model - or a mix, or just a few - the features and tools we offer are designed to make your everyday better.

- 1 Firstly, we'll work with you to understand your specific needs and what outcomes you want to achieve
- 2 We will design a real-time easy-to-read dashboard, that will display the views and sentiment of the community, and enable you to see and assess trends as they happen
- 3 We'll develop and tailor the tool so that you can engage with people using natural conversation, and present information across a variety of interfaces and possible languages
- 4 You will have the ability to engage with your customers, communities and stakeholders, at a time and in a way that works for them, available 24/7/365, 365 days per year

Beca.ai engagement tools are able to be used as a standalone engagement solution or in complement to existing tools and methods - what we offer can be customised to meet the unique needs of your project and specific audience.

### What is 'Conversational AI'?

Conversational AI systems make use of artificial intelligence software to engage with people in natural conversations.

The technology has developed to the point where this can be via voice or text, in multiple languages and through a range of channels.

### Making everyday better with Beca.ai engagement

- Connect your projects with people and help your communities be heard on the issues that matter most to them
- Engage via voice or text, in multiple languages and through a range of channels – available 24/7
- Use AI to read and digest feedback from a wide variety of sources, such as emails, letters, customer surveys and forms
- Provide a consistent experience and enhance understanding of your projects through videos, pictures, and project information
- Easily escalate the conversation to a real person discussion with a consultation specialist
- Enable business continuity for the engagement process when traditional approaches are not possible.

For more information visit [beca.ai](https://beca.ai) or contact [ai@beca.com](mailto:ai@beca.com)

