

Port Phillip City Council

Sustainability Survey

June 2023

Metropolis
RESEARCH

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Executive summary

Introduction and methodology

Metropolis Research conducted a random sample telephone interview style survey of 400 residents drawn proportionally from across the City of Port Phillip in May 2023 to explore a range of issues around community views regarding climate change and sustainability.

In addition, a total of 215 residents completed an identical, open-access, online survey that was available on Council's online consultation portal in May and early June 2023.

The random sample survey results reflect the views of the underlying Port Phillip community, with the sample being randomly drawn proportionally from across each of the 11 precincts comprising the municipality, and with the results weighted by age and gender to reflect the demographic profile of the underlying City of Port Phillip community.

The relatively modest response rate of 13% is, however, noted, as it would tend to suggest that the views expressed in the survey results may slightly over-estimate the true extent of concern in the underlying community around climate change and sustainability related issues.

The online surveys, by contrast, represent the views of those in the community who were aware of the survey and were sufficiently engaged in the issues to proactively take the steps necessary to participate in the research and have their voices heard on these issues.

These respondents can be considered thought leaders on climate change and sustainability, with most, but not all, more positively disposed towards greater engagement in climate change and sustainability issues than the underlying City of Port Phillip community.

Understanding both the views of the underlying community, as well as the thought leaders on these issues within the municipality, provide a meaningful insight into views around climate change and sustainability across the City of Port Phillip.

Key Findings

The key finding from this research was that the Port Phillip community believes that it is very concerned about climate change and is concerned about its predicted impacts.

Overall, the community tends to feel that it is aware of many climate change issues and report that they are concerned about these issues, and how they may impact on them and their families.

The majority indicate support for Council engaging in a wide range of activities to lead and assist the community in addressing the causes of and mitigating the effects of climate change.



There appears to be substantial community participation in a wide range of actions designed to improve sustainability, and with a substantial proportion considering some major investments such as installing solar panels or purchasing an all-electric vehicle within 5 years. Many report taking active steps to reduce water use and be water wise, many report they would consider switching from gas to electric appliances, and many report taking steps to reduce travel by private car and increase their use of public transport, walking, and cycling.

Whilst overall, these results suggest strong community concern about climate change and support for climate change action, there remains a notable minority (9%) within the community who do not agree that climate change is an issue of concern, with many of these not engaging in many of the environmental sustainability actions and initiatives, and who feel that Council should be less active around climate change and sustainability.

Impact of issues on personal sense of wellbeing and mental health:

- Random sample respondents rated the [impact of climate change on their personal sense of wellbeing and mental health](#) at 4.3 out of 10, or mildly negative, which was slightly more positive than the impact of the pandemic (3.9) and the impact of current economic factors (3.9), but slightly less positive than the impact of the frequency and intensity of natural disasters in Australia (4.7). The online survey respondents rated the impact at 3.7 out of 10.

Understanding of, concern about, and impacts of climate change:

- [Overall concern about climate change](#) was 7.5 out of 10 or a “very concerned” level, with 61% “very concerned” and nine percent “unconcerned”. Online survey respondents (9.4) were measurably more concerned than the random survey (7.5).
- On average, random sample respondents were “very concerned” with all seven [predicted impacts of climate change](#), including biodiversity loss (7.8), warming oceans affecting coral reefs (7.7), more frequent and extreme weather (7.6), harsher and longer fire seasons and bushfires (7.5), reduced rainfall leading to water shortages (7.4), rising sea levels and coastal erosion (7.3), and more hot days and heatwaves (7.1). Online survey respondents were measurably more concerned than random sample survey respondents (average concern of 9.1 compared to 7.5).
- Random sample survey respondents reported “strong” levels of agreement with five of the six included [statements about climate change](#), with the online survey respondents reporting “very strong” to “extremely strong” levels of agreement:
 - I am more concerned about how climate change will impact future generations than about how it affects me (7.8 and 8.5 respectively).
 - I am concerned about the impact climate change is having on biodiversity and the marine environment (7.7 and 9.3).
 - I am aware of the short and long-term impacts of climate change on the local community (7.4 and 8.5).



- I am concerned about how climate change may affect the cost of living (7.0 and 8.0).
- I have thought about how these impacts will affect me and my family (7.0 and 8.6).
- Respondents were, however, measurably less in agreement that “I am aware of the services and facilities that Council offers to assist in adapting to a changing climate”, with random sample (4.1) and online survey (5.4) scores measurably lower than the other statements, suggesting that a significant proportion in the community are at least somewhat unaware of Council efforts assisting the community in this area.
- Respondents reported they had moderately (random sample) or mildly (online survey) sufficient [information about how climate change will impact them, for them to make informed decisions](#), including staying safe in heat (6.7 and 6.6), what to do in an emergency (6.5 and 5.4), protecting themselves and their family during a flood or storm (6.2 and 5.4), and making sure they are insured for the appropriate things (5.6 and 5.1).

Council and climate change:

- Just 13% of the random sample survey and 68% of the online survey respondents were aware that [Council had declared a Climate Emergency](#).
- The most common methods by which respondents feel that Council can best support community activity to address climate change were providing advice and incentives to help people make their homes and buildings more sustainable (79% random, 93% online), providing more information on climate change risks in the local area and how best to prepare (78%, and n/a), and providing more information on actions people can take (77% and 77%).
- On average, respondents considered it “very important” (random sample) to “extremely important” (online survey) that [Council addresses each of nine climate change and sustainability related issues](#), including water saving (8.4 and 9.0), reducing waste to landfill (8.4 and 9.2), encouraging sustainable design (8.3 and 9.2), educating and empowering the community (8.2 and 8.7), increasing options for low emissions transport (8.0 and 8.8), assisting residents to access renewable energy (7.9 and 8.6), biodiversity and urban forests (7.8 and 9.3), increasing community resilience (7.8 and 8.3), and increasing options for active transport (7.8 and 9.1).

Personal response to climate change / environmental sustainability

- Approximately half or more of the random sample respondents were already doing or had done eight of the [15 environmental actions](#), including avoided single use plastics (93%), sourced locally grown food (79%), used a special recycling service (73%), modified heating or cooling to save energy / money (69%), reduce their car use (65%), modified their home to reduce heat loss / gain (62%), changed to renewable energy (51%), and prepared a plan to cope with extreme weather (48%).



- A substantial proportion of random sample respondents were considering within five years purchasing an all-electric vehicle (40%) and installing solar panels or batteries (26%).
- At least half of the random sample respondents were not doing and were not considering purchasing an electric bike (79%), used a car share service (68%), purchased an all-electric vehicle (54%), installed solar panels or batteries (51%), and have rainwater tanks or greywater for use on the garden (50%).
- Online survey respondents tended to be more likely to be doing or considering most of these actions than the random sample respondents.
- The main [barriers to undertaking these environmental actions](#) were that it was not possible e.g., they were not the property owner (40%), a lack of interest (21%), cost was too expensive (9%), a lack of information (7%) and a lack of time (4%), with 19% nominating other barriers. There was meaningful variation in the results for the 15 different environmental actions.
- The main reasons why random sample respondents [did not have solar panels installed](#) were that they were renting (29%), living in an apartment / would be too hard (27%), and that it was too expensive (22%) with online respondents reporting similar results.
- The main ways in which random sample respondents reduced their water use and be water wise were taking shorter showers / shower timer (66%), only using washing machines / dishwashers when they have a full load (66%), and turning off the tap when brushing teeth and cleaning (65%). Online survey respondents were more likely to do each of these actions than random sample respondents.
- Approximately half of the random sample respondents and three-quarters of the online survey respondents were prepared to consider switching their hot water system (55% and 74%), gas heating (54% and 71%), gas oven (53% and 81%), and cooking stove (48% and 76%), [from gas to electric](#).
- The main reasons why random sample survey respondents would [not consider switching from gas to electric](#) were the perception that gas was better (30%), cost (18%), and not convinced / do not believe / not interested in switching (12%).

Local environmental activities

- Of the 10 listed factors, the most common factors that random sample respondents considered would encourage them to get involved in local environmental activities were more information about the events and activities available (63%), easier access to information (60%), a better understanding of the local environment (43%), more events at different times of the day or at weekends (42%), and being able to gain knowledge and learn skills (41%).



Transport

- A significant proportion of both the random sample (42%) and online survey (67%) respondents reported that they had reduced their personal car use because of the impact of climate change.
- A significant proportion of both the random sample and online survey respondents reported that they were walking (52% and 71%), using public transport (42% and 58% respectively), and cycling (32% and 36%) due to the impact of climate change.
- No more than 10% of either random sample or online survey respondents reported that they were using e-scooters, car share, or ride share services because of the impact of climate change.
- The main factors that may encourage random sample survey respondents to use public transport more often were reduced cost (34 responses), increased / better / more frequent services (23 responses), and increased safety (10 responses).
- The main factors that may encourage random sample survey respondents to walk or cycle more often were more cycling paths and tracks (7 responses), and separating cyclists from traffic (5 responses).



Introduction

Metropolis Research was commissioned by the City of Port Phillip to undertake primary research of the Port Phillip community to explore a range of issues around community understanding about, concern with, expectations of Council in relation to, and personal responses to climate change and broader sustainability issues.

Specifically, the survey aimed to explore the following:

- **Impact of significant issues on personal well-being and mental health** – including the impact of climate change, natural disasters, the pandemic, and significant economic issues to provide context to respondents' concern around climate change.
- **Concern about climate change** - including overall concern, concern about seven predicted impacts of climate change, and agreement with statements about climate change, and the sufficiency of information to make informed decisions about climate change.
- **Council and climate change** – including awareness that Council has declared a Climate Emergency, preferred ways for Council to support community activity to address climate change, and the importance of Council addressing nine climate change and sustainability related issues.
- **Personal response to climate change** – including household participation in 15 environmental actions, barriers to undertaking in these actions, reasons for not installing solar panels, personal actions to reduce water use and be water wise, potential to switch from gas to electric appliances, and the reasons for not considering switching to electric appliances.
- **Local environmental activities** – including factors that may encourage involvement in local environmental activities.
- **Transport** – including the impact of climate change on ongoing personal transport choices, and the factors that may encourage additional public transport, walking and / or cycling, and the use of e-scooters.
- **Respondent profile** – including age structure, gender, diverse population groups, household structure, housing situation, and dwelling type.
- **General comments** – including other issues and comments from respondents.

Methodology and response rate

Random sample survey

The main survey was conducted as a random sample telephone interview survey of 400 residents drawn randomly from mobile and landlines telephone numbers drawn proportionally from all the suburbs located within the City of Port Phillip
The surveying was all completed from 10th to the 31st of May 2023.

Surveys were conducted from 11am till 7pm weekdays, and 11am till 5pm weekends.



Several (up to approximately four) attempts were made to contact each randomly selected telephone number, to give the household multiple opportunities to participate in the research.

A total of 400 surveys were conducted from a random sample of 15,330 residential telephone numbers, including mostly mobile phone numbers but also landlines as available.

Of the 15,330 telephone numbers, the following results were obtained:

- No answer - 12,241.
- Refused - 2,263.
- Call back another time - 426.
- Completed the survey - 400.

This provides a response rate of 13%, reflecting the proportion of individuals who were invited to participate in the research, who ultimately participated.

This is a lower response rate for a random sample telephone survey than would typically be recorded for other projects, potentially reflecting less community engagement with the issues around climate change and sustainability than is typically observed when conducting, for example, community satisfaction research regarding the performance of Council.

The 95% confidence interval (margin of error) of these results is plus or minus 4.9% at the 50% level. In other words, if a yes / no question obtains a result of 50% yes, it is 95% certain that the true value of this result is within the range of 45.1% and 54.9%.

This is based on a total sample size of 400 respondents, and an underlying population of the City of Port Phillip of approximately 113,361.

Online survey component

In addition to the random sample survey which provides insight into the views of the underlying City of Port Phillip community, Council also provided the identical survey online via Council's online consultation portal, to allow interested residents from across the municipality to choose to participate in the research and have their views heard.

The online survey was identical to the random sample survey in design and was available via Council's website from 15th of May till the 7th of June 2023.

Council advertised the online survey via Facebook e-news (Diversity and Sustainability), and posters in the libraries.

A total of 215 individuals completed the online survey. There is no response rate for this component of the research, as individuals were not invited to participate and therefore it is not possible to calculate the proportion who participated.



It is important to bear in mind that the online survey was self-selected, in other words, individuals who were aware that the survey was available online could decide themselves to participate and complete a survey.

Due to the self-selected nature of the online survey, the results reflect only the views of those in the community who were sufficiently engaged with the issues around climate change and sustainability to take the proactive steps necessary to participate.

This group of individuals can often be considered the thought-leaders around these issues in the community, including both those who hold both positive and some who hold negative views about the need for concern around and action in response to climate change.

Clearly, the sample of 215 respondents to the online survey were overwhelmingly those in the community who were extremely concerned about climate change related issues, and who were, on the whole, firmly of the view that Council and the community should be proactive in addressing the causes of and mitigating the impacts of climate change.

Glossary of terms

Measurable and statistically significant

A measurable difference is one where the difference between or change in results is sufficiently large to ensure that they are in fact different results, i.e., the difference is statistically significant. This is because survey results are subject to a margin of error or an area of uncertainty.

Significant result

Metropolis Research uses the term *significant result* to describe a change or difference between results that Metropolis Research believes to be of sufficient magnitude that they may impact on relevant aspects of policy development, service delivery and the evaluation of performance and are therefore identified and noted as significant or important.

Marginal / somewhat / notable

Metropolis Research will describe some results or changes in results as being marginally, somewhat, or notably higher or lower. These are not statistical terms, rather they are interpretive. They are used to draw attention to results that may be of interest or relevant to policy development and service delivery.

In order of significance, “marginal” is the least significant, followed by “somewhat”, and with “notable” the most significant of the subjective terms used to describe variations that were not statistically significant.



Impact of issues on personal sense of wellbeing and mental health

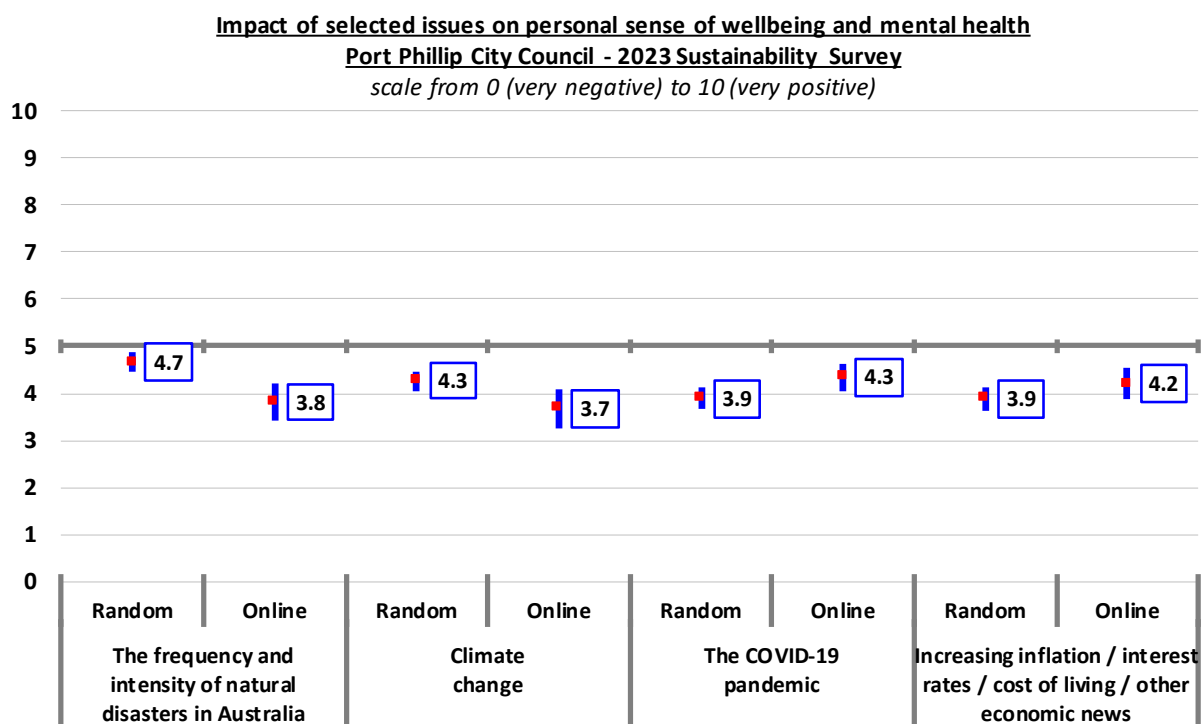
Respondents were asked:

“On a scale from 0 (very negative) to 10 (very positive), what impact do you feel that each of the following had or has had on your personal sense of wellbeing and mental health?”

Respondents were asked what impact they felt that four issues have had on their personal sense of wellbeing and mental health.

The four issues were climate change, the pandemic, natural disasters, and economic concerns.

The purpose of this question was to put into a broader context, the degree to which the community believe that climate change has impacted on their mental health and personal sense of wellbeing, by directly comparing against the impact of other significant issues.



The random survey respondents, on average, felt that each of these four major issues were exerting a mildly negative impact on their personal sense of wellbeing and mental health.

It is noted that climate change and the frequency and intensity of natural disasters in Australia appear to exert a measurably but not significantly less negative influence on wellbeing and mental health than the pandemic or the economic concerns.

The opposite was found to be the case for the self-selected online survey respondents, who overall felt that all four of these issues exerted a negative influence on their personal sense of wellbeing and mental health, but they rated the impact of climate change and natural disasters as more negative than the pandemic and economic concerns.

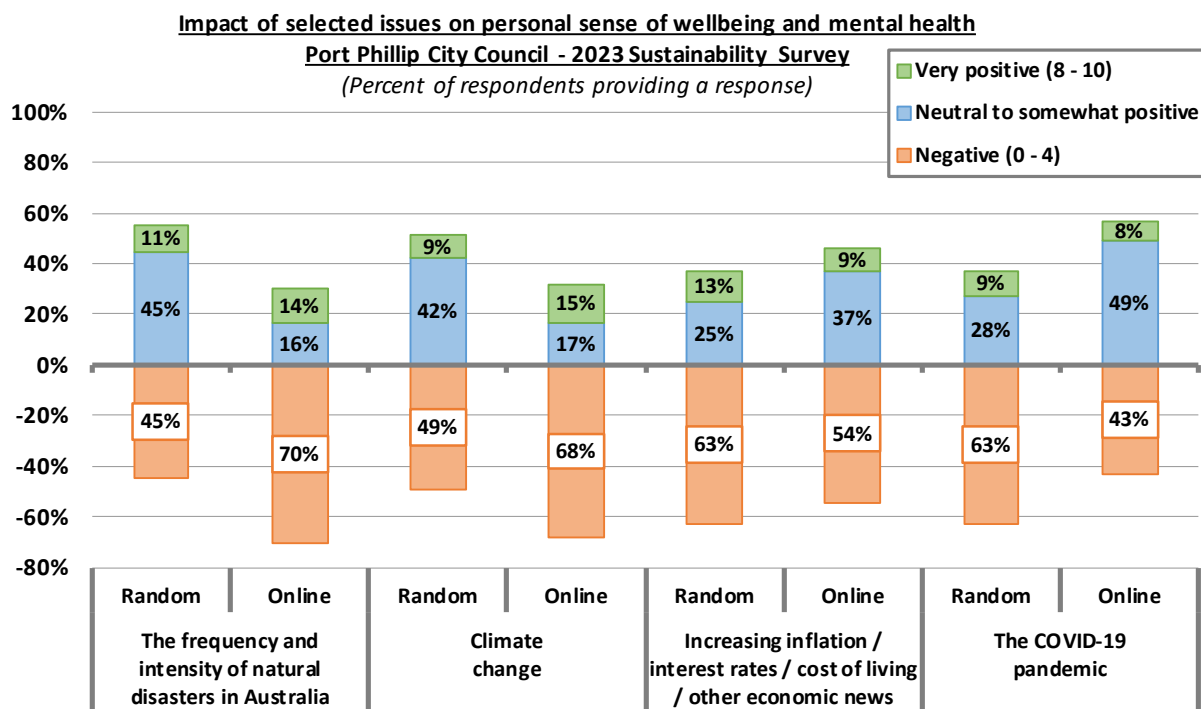


This variation in the results reflects the fact that the self-selected, online survey respondents were measurably and significantly more concerned about climate change than the random sample respondents, who better reflect the views of the underlying Port Phillip community.

The following graph provides a breakdown of these results into the proportion of respondents who felt the impact was “very positive” (i.e., rated impact at eight or more), those who felt it was “neutral to somewhat positive” (i.e., rated impact at five to seven), and those who felt the impact was “negative” (i.e., rated impact at less than five).

It is noted that the same pattern of variation between the random sample and online survey respondents is observed, with random sample respondents more likely to feel that the pandemic and economic concerns were exerting a negative influence than online survey respondents, who felt that climate change and natural disasters were exerting a negative influence.

The clear finding from both the average and these percentage breakdown results is that climate change and natural disasters exert a negative influence on the Port Phillip community’s personal sense of wellbeing and mental health.



The COVID-19 pandemic

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the impact of COVID-19 pandemic on personal sense of wellbeing and mental health, as follows:

- **Somewhat more positive impact than average** – included respondents from Port Melbourne, online survey respondents, older adults (aged 60 years and over), and respondents from households with a member with disability.
- **Somewhat more negative impact than average** – respondents from St Kilda East and Ripponlea, and young adults (aged 18 to 34 years).

The COVID-19 pandemic local community

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average mean	Negative (0 - 4)	Neutral to somewhat positive	Very positive (8 - 10)
Port Melbourne	64	4.9	47%	33%	21%
Online Survey	207	4.3	43%	49%	8%
South Melbourne	56	4.0	60%	30%	10%
St Kilda Road	40	3.9	56%	34%	10%
St Kilda West	10	3.9	78%	10%	12%
Random Survey	399	3.9	63%	28%	9%
St Kilda	71	3.8	63%	29%	8%
Balaclava	22	3.7	75%	23%	2%
Middle Park	18	3.7	80%	20%	0%
Elwood	58	3.6	68%	25%	7%
Albert Park	26	3.6	73%	17%	10%
St Kilda East	27	3.0	67%	29%	4%
Ripponlea	8	2.6	83%	17%	0%
Young adults	135	3.6	73%	20%	7%
Middle-aged adults	177	3.8	63%	30%	8%
Older adults	87	4.6	49%	35%	16%
Male	191	3.8	63%	27%	10%
Female	204	3.9	64%	27%	9%
English speaking	279	3.9	63%	28%	9%
Multi-lingual	120	3.8	63%	28%	9%
With disability	23	4.9	53%	24%	23%
Without disability	376	3.8	64%	28%	9%
Random Survey	399	3.9	63%	28%	9%
Online Survey	207	4.3	43%	49%	8%

Climate change

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the impact of climate change on personal sense of wellbeing and mental health, as follows:

- **Somewhat more positive impact than average** – included respondents from St Kilda West, Ripponlea, Port Melbourne, and Middle Park, and respondents from households with a member with disability.
- **Somewhat more negative impact than average** – respondents from South Melbourne and Balaclava, and online survey respondents.

Climate change

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average mean	Negative (0 - 4)	Neutral to somewhat positive	Very positive (8 - 10)
St Kilda West	10	5.5	24%	64%	12%
Ripponlea	8	5.3	22%	72%	6%
Port Melbourne	62	4.9	36%	53%	11%
Middle Park	17	4.7	24%	73%	3%
Albert Park	23	4.6	49%	39%	13%
Random Survey	392	4.3	49%	42%	9%
Elwood	58	4.2	52%	42%	7%
St Kilda	71	4.2	55%	36%	9%
St Kilda Road	40	4.1	52%	40%	8%
St Kilda East	27	4.0	42%	57%	2%
Online Survey	183	3.7	68%	17%	15%
South Melbourne	56	3.6	59%	28%	13%
Balaclava	20	3.3	78%	22%	0%
Young adults	131	4.2	50%	45%	5%
Middle-aged adults	174	4.3	47%	45%	8%
Older adults	87	4.2	51%	34%	14%
Male	186	4.3	44%	46%	10%
Female	201	4.2	53%	40%	7%
English speaking	274	4.2	51%	39%	9%
Multi-lingual	117	4.3	44%	50%	7%
With disability	23	4.8	46%	19%	35%
Without disability	369	4.2	49%	44%	7%
Random Survey	392	4.3	49%	42%	9%
Online Survey	183	3.7	68%	17%	15%



Increasing inflation / interest rates / cost of living / other economic news

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the impact of increasing inflation, interest rates, cost of living, and other economic factors on personal sense of wellbeing and mental health, as follows:

- **Somewhat more positive impact than average** – included respondents from Port Melbourne, St Kilda West, and Albert Park, female respondents, respondents from English speaking households, and respondents from households with a member with disability.
- **Somewhat more negative impact than average** – respondents from St Kilda, Elwood, Middle Park, and Ripponlea, and younger adults (aged 18 to 34 years).

Increasing inflation / interest rates / cost of living / other economic news

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average mean	Negative (0 - 4)	Neutral to somewhat positive	Very positive (8 - 10)
Port Melbourne	64	4.9	45%	31%	24%
St Kilda West	10	4.7	47%	30%	23%
Albert Park	26	4.4	69%	11%	20%
Online Survey	201	4.2	54%	37%	9%
Balaclava	22	4.0	73%	13%	14%
St Kilda East	27	4.0	44%	54%	2%
St Kilda Road	41	3.9	59%	26%	15%
Random Survey	399	3.9	63%	25%	13%
South Melbourne	56	3.6	61%	31%	8%
St Kilda	71	3.5	70%	21%	9%
Elwood	58	3.5	74%	16%	10%
Middle Park	18	2.9	84%	10%	6%
Ripponlea	8	2.6	72%	28%	0%
Young adults	135	3.6	68%	22%	10%
Middle-aged adults	177	4.0	65%	23%	12%
Older adults	87	4.2	51%	32%	17%
Male	191	3.7	68%	20%	12%
Female	204	4.0	58%	29%	13%
English speaking	279	4.0	59%	27%	14%
Multi-lingual	120	3.6	70%	20%	9%
With disability	23	5.1	48%	19%	32%
Without disability	376	3.8	64%	25%	11%
Random Survey	399	3.9	63%	25%	13%
Online Survey	201	4.2	54%	37%	9%

The frequency and intensity of natural disasters in Australia

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the impact of the frequency and intensity of natural disasters in Australia on personal sense of wellbeing and mental health, as follows:

- **Somewhat more positive impact than average** – included respondents from St Kilda West, Ripponlea, and Port Melbourne, and respondents from households with a member with disability.
- **Somewhat more negative impact than average** – respondents from Middle Park, and online survey respondents.

The frequency and intensity of natural disasters in Australia

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average mean	Negative (0 - 4)	Neutral to somewhat positive	Very positive (8 - 10)
St Kilda West	10	5.3	29%	59%	12%
Ripponlea	8	5.2	22%	72%	6%
Port Melbourne	63	5.1	34%	49%	17%
South Melbourne	56	4.9	38%	40%	22%
Albert Park	23	4.8	63%	18%	19%
Random Survey	389	4.7	45%	45%	11%
St Kilda Road	40	4.6	40%	52%	8%
St Kilda East	27	4.5	40%	54%	6%
Elwood	58	4.5	48%	47%	5%
St Kilda	70	4.5	49%	46%	5%
Middle Park	17	4.1	72%	22%	6%
Online Survey	177	3.8	70%	16%	14%
Balaclava	18	3.8	61%	32%	7%
Young adults	131	4.7	46%	45%	9%
Middle-aged adults	175	4.5	48%	45%	7%
Older adults	83	4.9	35%	44%	21%
Male	187	4.8	37%	53%	9%
Female	198	4.5	52%	37%	12%
English speaking	271	4.7	45%	41%	13%
Multi-lingual	118	4.6	43%	51%	6%
With disability	21	6.0	36%	24%	40%
Without disability	368	4.6	45%	46%	9%
Random Survey	389	4.7	45%	45%	11%
Online Survey	177	3.8	70%	16%	14%

Understanding, concern, and impact of climate change

Overall concern about climate change

Respondents were asked:

“On a scale of 0 (extremely unconcerned) to 10 (extremely concerned), overall, how concerned are you about climate change?”

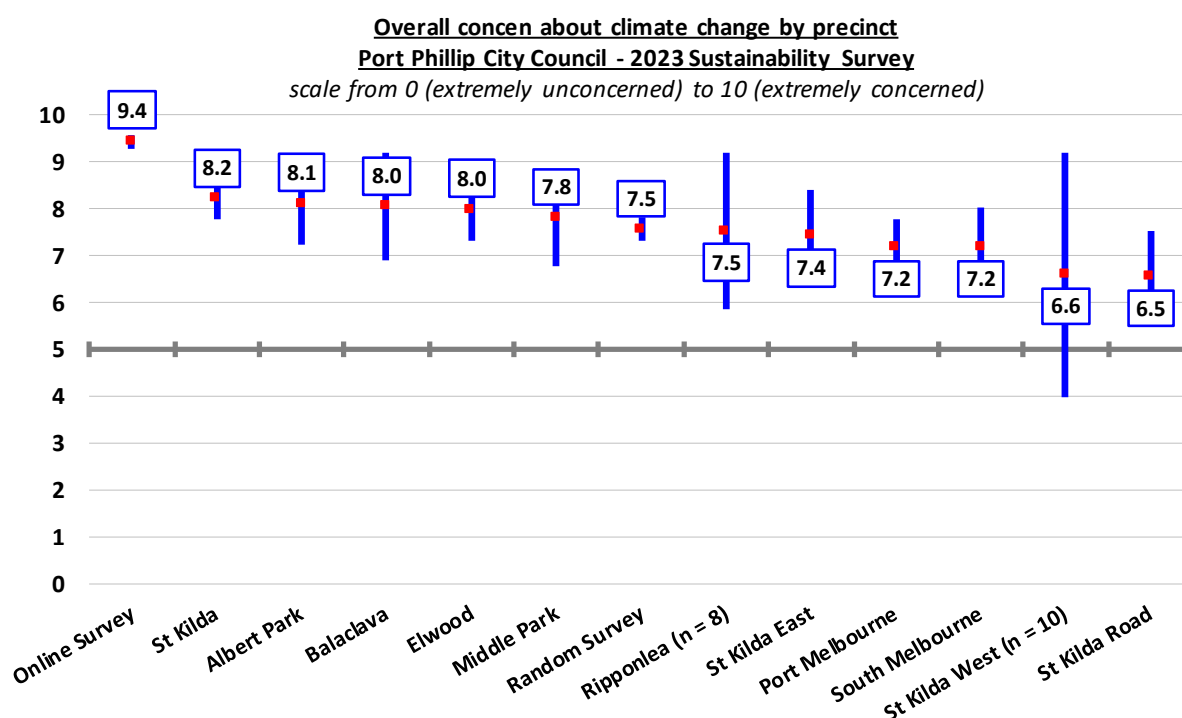
Respondents were asked to rate, overall, how concerned they were about climate change.

The random sample survey respondents rated their level of concern at 7.5 out of 10, or a strong level of concern, with 61% feeling “very concerned” and nine percent feeling “unconcerned”.

The self-selected online survey respondents were measurably and significantly more concerned about climate change overall than the random sample respondents, with an average concern of 9.4 out of 10. Of the self-selected online survey respondents, 95% were “very concerned”, whilst just one percent were “unconcerned”.

Across the municipality, based only on the random sample respondents, there was some notable, but not statistically significant variation in the average level of concern about climate change, as follows:

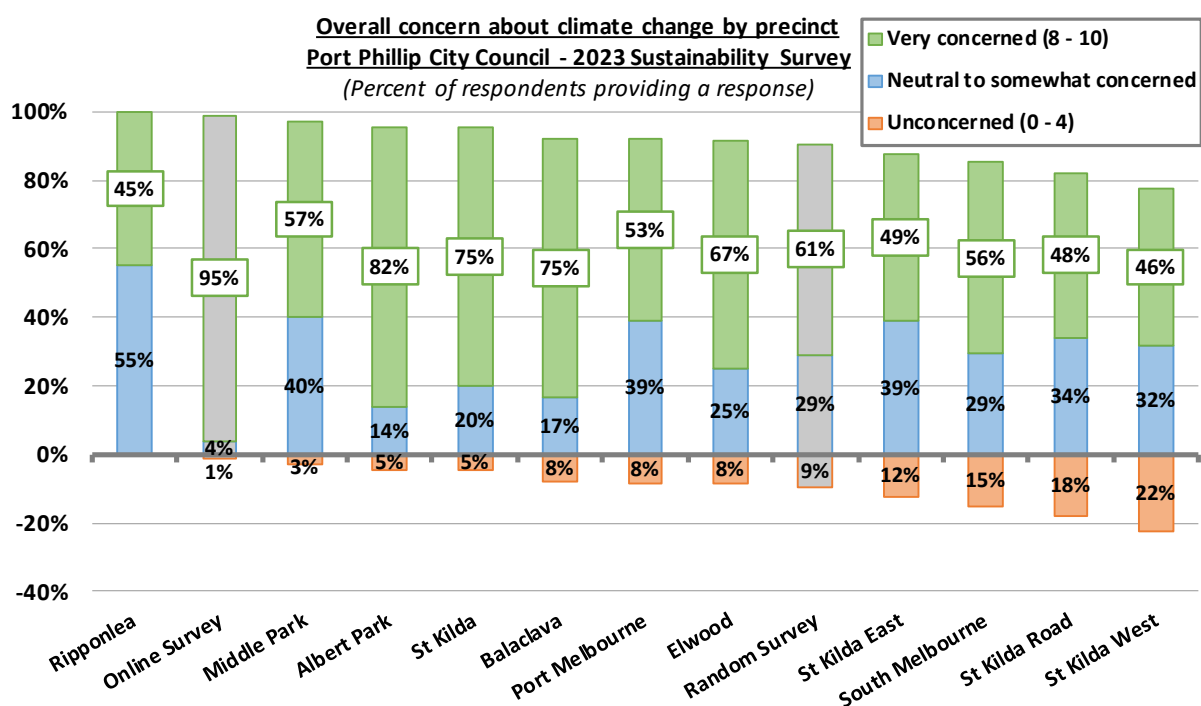
- **St Kilda, Albert Park, Balaclava, Elwood, and Middle Park** – respondents were marginally more concerned about climate change than the municipal average.
- **Port Melbourne, South Melbourne, St Kilda West, and St Kilda Road** – respondents were somewhat less concerned about climate change than the municipal average.



The following graph provides a breakdown of these results into the proportion of respondents who were “very concerned” (i.e., rated concern at eight or more), those who were “neutral to somewhat concerned” (i.e., rated concern at five to seven), and those who were “unconcerned” (i.e., rated concern at less than five).

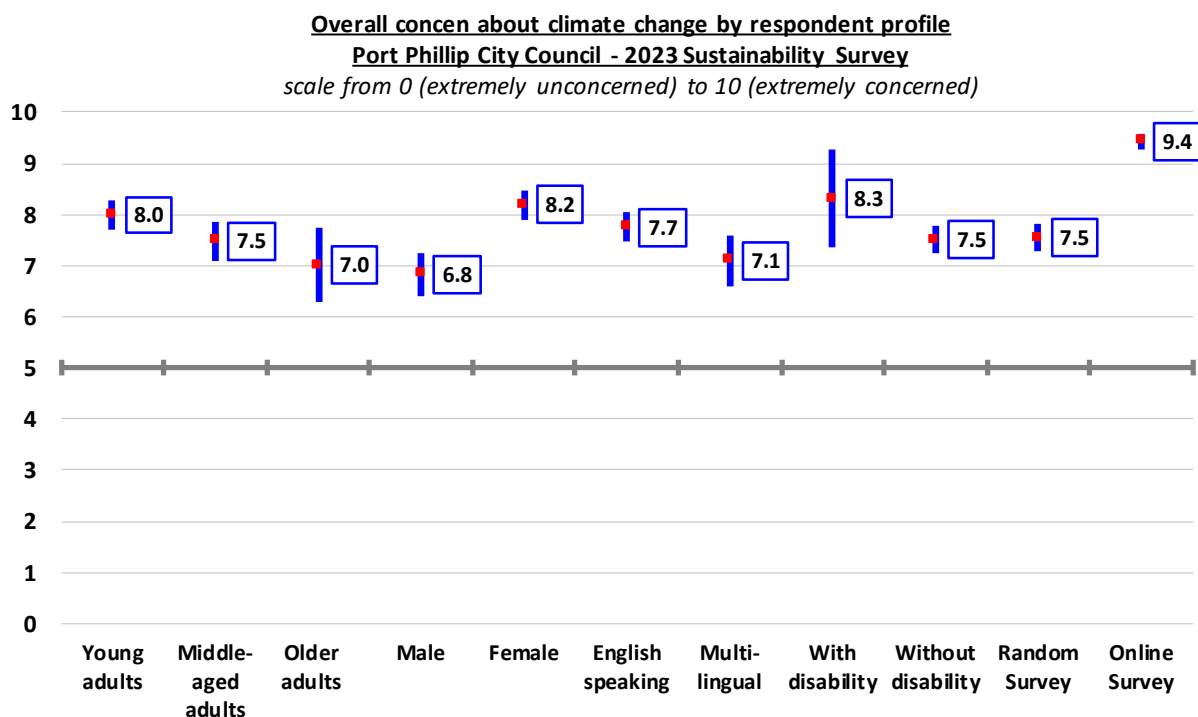
Between approximately half and two-thirds of respondents from each of the 11 precincts were “very concerned” about climate change, whilst more than 10% of respondents from St Kilda East, South Melbourne, St Kilda Road, and St Kilda West were “unconcerned”.

These average and percentage breakdown results reinforce the view that there is widespread concern about climate change across the City of Port Phillip, with only a relatively modest proportion reporting that they were “unconcerned”.



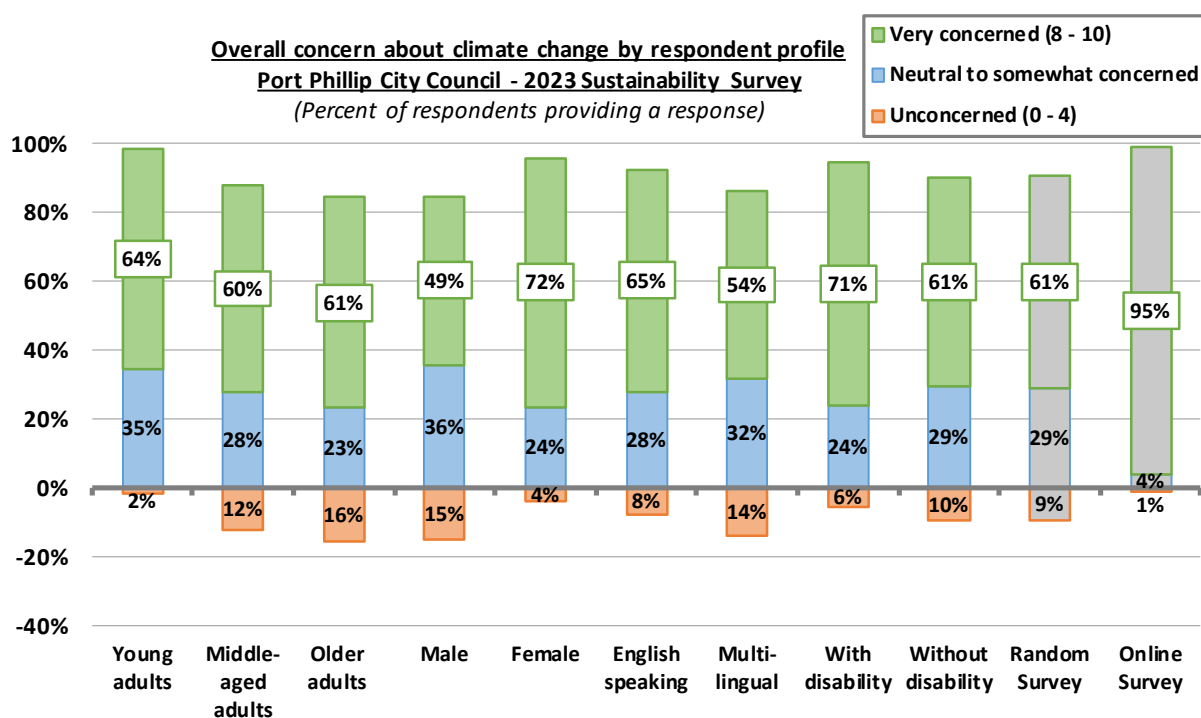
There was measurable and significant variation in the average level of concern about climate change observed by respondent profile, including age structure, gender, language spoken at home, and household disability status, as follows:

- **Age structure** – the average level of concern about climate change declined significantly with the respondents’ age, from 8.0 for younger adults (aged 18 to 34 years) to 7.0 for older adults (aged 60 years and over).
- **Gender** – female respondents were measurably and significantly (21%) more concerned about climate change than male respondents.
- **Language spoken at home** - respondents from English speaking households were notably more concerned about climate change than respondents from multilingual households.
- **Household disability status** – households with a member with disability were somewhat more concerned about climate change than respondents from other households.



Whilst there was significant variation in the average level of concern about climate change observed by respondent profile, it is important to bear in mind that at least approximately half of the respondents from all age groups, gender, language spoken at home, and household disability status were “very concerned” about climate change.

It is noted, however, that 16% of older adults, 15% of male respondents, and 14% of respondents from multilingual households were “unconcerned” about climate change.



Concern about predicted impacts of climate change

Respondents were asked:

“Using the same scale, how concerned are you about the following predicted impacts of climate change?”

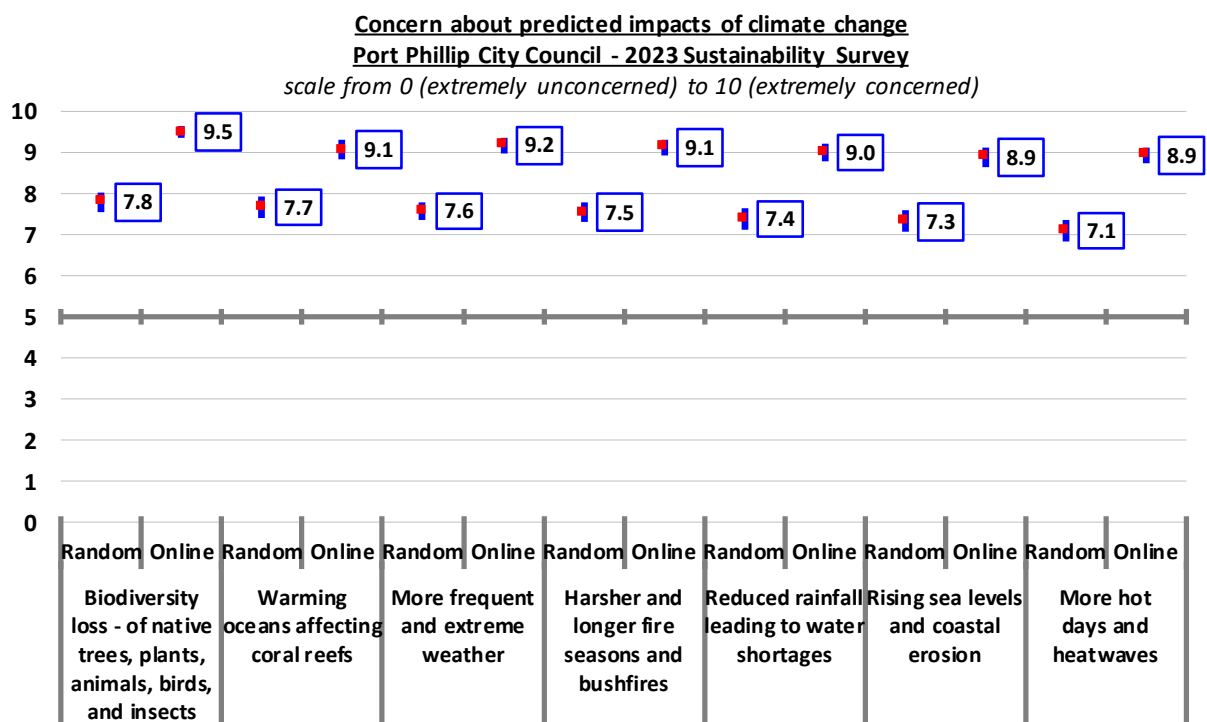
Respondents were asked to rate how concerned they were about seven of the predicted impacts of climate, as outlined in the following graph.

The following graph displays the average level of concern about each of the seven predicted impacts of climate change, with results for both the random sample and the self-selected online survey respondents.

On average, the random sample survey respondents were “very concerned” about each of the seven predicted impacts, with average concern scores of more than seven out of 10.

The self-selected online survey respondents, were, however, measurably, and significantly more concerned with each of these seven predicted impacts than the random sample respondents.

This reflects the nature of the two sets of respondents. The random sample reflects the views of the underlying Port Phillip community, who were randomly approached to participate in the survey, whilst the self-selected online survey respondents reflect the views of those in the community who were sufficiently engaged with climate change and sustainability issues to take the time and proactive steps necessary to participate and have their views heard.

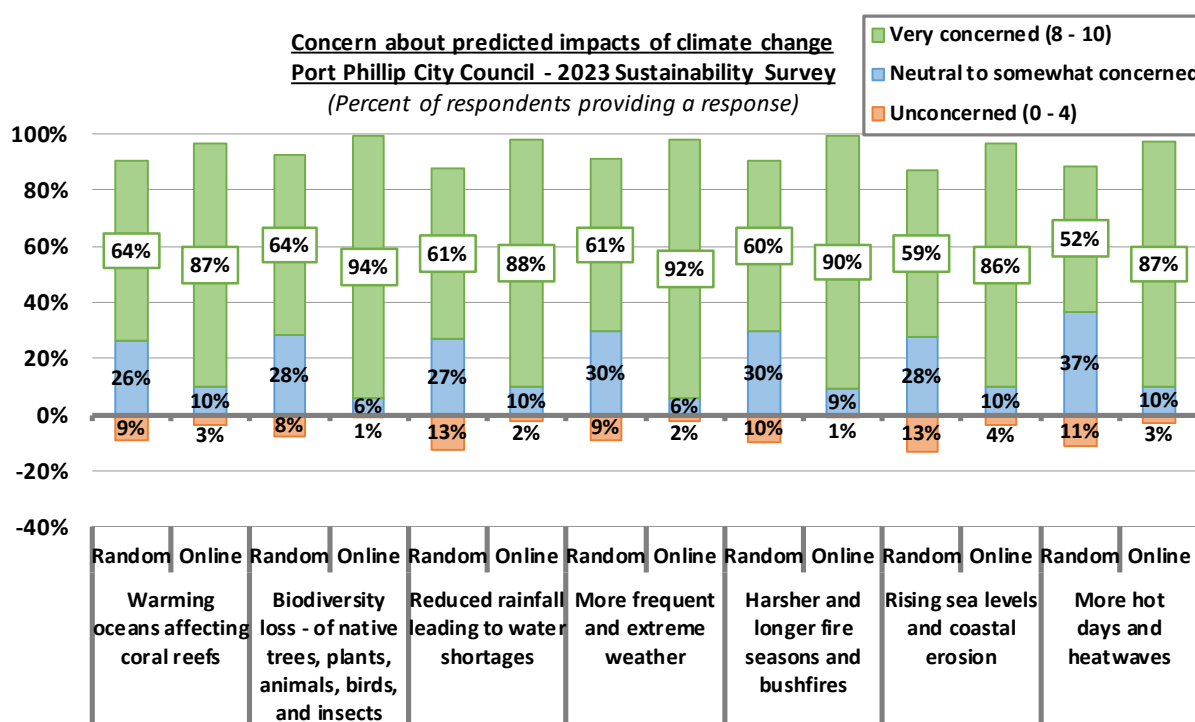


The following graph provides a breakdown of these results into the proportion of respondents who were “very concerned” (i.e., rated concern at eight or more), those who were “neutral to somewhat concerned” (i.e., rated concern at five to seven), and those who were “unconcerned” (i.e., rated concern at less than five).

More than half of the random sample respondents were “very concerned” about each of these seven predicted impacts of climate change, with almost two-thirds “very concerned” about warming oceans affecting coral reefs, and biodiversity loss.

Consistent with the previous results about overall concern about climate change, approximately 10% of the random sample survey respondents were “unconcerned” about each of these seven predicted impacts of climate change.

By contrast, more than four-fifths of the self-selected online survey respondents were “very concerned” about each of these seven predicted impacts of climate change, with 94% “very concerned” about biodiversity loss.



Taken together, these average and percentage breakdown results show that the Port Phillip community is very concerned about the impacts of climate change, with a substantial subgroup in the community who are extremely concerned.

There remains a small proportion of approximately 10% of the Port Phillip community who appear “unconcerned” about climate change overall, and the predicted impacts of climate change.



Harsher and longer fire seasons and bushfires

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about harsher and longer fire seasons and bushfires, as follows:

- **Somewhat more concerned** – included respondents from Albert Park, St Kilda, and Ripponlea, young adults (aged 18 to 34 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less concerned** – respondents from St Kilda West and respondents from multilingual households.

Harsher and longer fire seasons and bushfires

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Unconcerned (0 - 4)	Neutral to somewhat concerned	Very concerned (8 - 10)
Online Survey	215	9.1	1%	9%	90%
Albert Park	26	8.2	0%	35%	65%
St Kilda	71	8.1	4%	31%	66%
Ripponlea	8	8.0	0%	55%	45%
Middle Park	18	7.8	3%	46%	52%
Balaclava	22	7.8	6%	32%	62%
Random Survey	399	7.5	10%	30%	60%
Elwood	58	7.5	7%	36%	57%
St Kilda East	27	7.5	12%	26%	62%
Port Melbourne	64	7.3	13%	26%	61%
South Melbourne	56	7.2	18%	18%	65%
St Kilda Road	41	7.1	14%	35%	51%
St Kilda West	10	6.5	29%	19%	53%
Young adults	135	7.9	5%	35%	60%
Middle-aged adults	177	7.4	12%	33%	56%
Older adults	87	7.4	13%	17%	70%
Male	191	6.8	16%	34%	50%
Female	204	8.2	4%	27%	70%
English speaking	279	7.7	8%	28%	64%
Multi-lingual	120	7.1	13%	36%	52%
With disability	23	7.9	9%	33%	58%
Without disability	376	7.5	10%	30%	60%
Random Survey	399	7.5	10%	30%	60%
Online Survey	215	9.1	1%	9%	90%



More hot days and heatwaves

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about more hot days and heatwaves, as follows:

- **Somewhat more concerned** – included respondents from St Kilda and Middle Park, female respondents, and respondents from households with a member with disability, and online survey respondents.
- **Somewhat less concerned** – respondents from St Kilda Road, Ripponlea, and St Kilda West, and respondents from multilingual households.

More hot days and heatwaves Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average mean	Unconcerned (0 - 4)	Neutral to somewhat concerned	Very concerned (8 - 10)
Online Survey	215	8.9	3%	10%	87%
St Kilda	71	7.7	10%	26%	64%
Middle Park	17	7.6	3%	47%	50%
Albert Park	25	7.3	0%	50%	50%
Elwood	56	7.3	7%	38%	56%
Balaclava	22	7.2	6%	53%	41%
St Kilda East	27	7.1	14%	36%	50%
Random Survey	396	7.1	11%	37%	52%
Port Melbourne	64	6.9	11%	40%	49%
South Melbourne	56	6.8	16%	34%	50%
St Kilda Road	41	6.4	18%	36%	46%
Ripponlea	8	6.4	28%	28%	45%
St Kilda West	10	6.1	37%	20%	43%
Young adults	133	7.3	6%	43%	50%
Middle-aged adults	177	7.0	15%	34%	51%
Older adults	86	7.0	13%	31%	56%
Male	191	6.5	18%	39%	43%
Female	201	7.7	6%	34%	60%
English speaking	276	7.3	10%	35%	55%
Multi-lingual	120	6.7	15%	41%	45%
With disability	21	7.9	6%	31%	63%
Without disability	375	7.0	12%	37%	51%
Random Survey	396	7.1	11%	37%	52%
Online Survey	215	8.9	3%	10%	87%

Reduced rainfall leading to water shortages

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about reduced rainfall leading to water shortages, as follows:

- **Somewhat more concerned** – included respondents from Ripponlea, Middle Park, and St Kilda, young adults (aged 18 to 34 years), female respondents, respondents from English speaking households, and online survey respondents.
- **Somewhat less concerned** – respondents from St Kilda East, St Kilda Road, older adults (aged 60 years and over), male respondents, and respondents from multilingual households.

Reduced rainfall leading to water shortages

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Unconcerned (0 - 4)	Neutral to somewhat concerned	Very concerned (8 - 10)
Online Survey	215	9.0	2%	10%	88%
Ripponlea	8	8.4	0%	0%	100%
Middle Park	18	8.1	3%	32%	66%
St Kilda	71	8.0	9%	19%	72%
Albert Park	25	7.5	14%	18%	68%
Balaclava	22	7.5	14%	32%	54%
Random Survey	396	7.4	13%	27%	61%
Port Melbourne	64	7.3	15%	29%	57%
Elwood	56	7.3	8%	36%	56%
St Kilda West	10	7.2	10%	34%	56%
South Melbourne	56	7.1	16%	29%	55%
St Kilda East	27	7.0	18%	25%	56%
St Kilda Road	41	6.7	17%	28%	55%
Young adults	133	7.8	9%	22%	69%
Middle-aged adults	178	7.3	11%	34%	55%
Older adults	86	6.9	20%	21%	59%
Male	191	6.7	19%	28%	53%
Female	201	8.0	6%	26%	68%
English speaking	276	7.7	8%	28%	64%
Multi-lingual	120	6.6	24%	24%	52%
With disability	21	7.3	30%	9%	61%
Without disability	376	7.4	12%	28%	61%
Random Survey	396	7.4	13%	27%	61%
Online Survey	215	9.0	2%	10%	88%



More frequent and extreme weather

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about more frequent and extreme weather, as follows:

- **Somewhat more concerned** – included respondents from Middle Park, young adults (aged 18 to 34 years), female respondents, and online survey respondents.
- **Somewhat less concerned** – respondents from St Kilda Road and St Kilda West, male respondents, and respondents from multilingual households.

More frequent and extreme weather **Port Phillip City Council - 2023 Sustainability Survey**

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Unconcerned (0 - 4)	Neutral to somewhat concerned	Very concerned (8 - 10)
Online Survey	214	9.2	2%	6%	92%
Middle Park	18	8.4	0%	43%	57%
St Kilda	71	8.0	4%	23%	74%
Balaclava	22	8.0	6%	34%	60%
Albert Park	25	7.8	14%	26%	60%
Elwood	58	7.7	8%	25%	67%
Random Survey	398	7.6	9%	30%	61%
Port Melbourne	64	7.5	7%	32%	61%
Ripponlea	8	7.2	0%	55%	45%
St Kilda East	27	7.2	21%	16%	63%
South Melbourne	56	7.2	14%	34%	53%
St Kilda Road	41	7.0	11%	36%	53%
St Kilda West	10	6.9	20%	34%	46%
Young adults	135	7.8	5%	31%	64%
Middle-aged adults	178	7.5	10%	30%	61%
Older adults	86	7.2	14%	28%	58%
Male	191	6.9	14%	35%	51%
Female	203	8.2	4%	25%	71%
English speaking	278	7.8	7%	30%	63%
Multi-lingual	120	7.1	14%	29%	57%
With disability	23	7.8	6%	34%	60%
Without disability	376	7.6	9%	29%	61%
Random Survey	398	7.6	9%	30%	61%
Online Survey	214	9.2	2%	6%	92%

Rising sea levels and coastal erosion

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about rising sea levels and coastal erosion, as follows:

- **Somewhat more concerned** – included respondents from St Kilda, Elwood, and Middle Park, female respondents, and online survey respondents.
- **Somewhat less concerned** – respondents from Albert Park, South Melbourne, St Kilda East, and St Kilda Road, older adults (aged 60 years and over), male respondents, and respondents from multilingual households.

Rising sea levels and coastal erosion

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

<i>Precint / profile</i>	<i>Number</i>	<i>Average mean</i>	<i>Unconcerned (0 - 4)</i>	<i>Neutral to somewhat concerned</i>	<i>Very concerned (8 - 10)</i>
Online Survey	214	8.9	4%	10%	86%
St Kilda	71	8.3	4%	25%	72%
Elwood	57	7.8	8%	26%	66%
Middle Park	18	7.7	0%	43%	57%
St Kilda West	10	7.6	15%	20%	65%
Balaclava	22	7.6	8%	35%	57%
Ripponlea	8	7.5	0%	28%	73%
Random Survey	399	7.3	13%	28%	59%
Port Melbourne	64	7.1	15%	31%	54%
Albert Park	26	6.9	22%	38%	40%
South Melbourne	56	6.9	18%	24%	57%
St Kilda East	27	6.8	23%	13%	64%
St Kilda Road	41	6.0	25%	27%	49%
Young adults	135	7.6	10%	28%	62%
Middle-aged adults	177	7.3	12%	29%	58%
Older adults	87	6.9	20%	23%	57%
Male	191	6.4	22%	34%	44%
Female	204	8.1	5%	22%	73%
English speaking	279	7.6	11%	26%	63%
Multi-lingual	120	6.7	17%	33%	50%
With disability	23	7.5	19%	2%	79%
Without disability	376	7.3	13%	29%	58%
Random Survey	399	7.3	13%	28%	59%
Online Survey	214	8.9	4%	10%	86%



Warming oceans affecting coral reefs

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about warming oceans affecting coral reefs, as follows:

- **Somewhat more concerned** – included respondents from St Kilda and St Kilda West, female respondents, and online survey respondents.
- **Somewhat less concerned** – respondents from Ripponlea, St Kilda East, and St Kilda Road and male respondents, and respondents from multilingual households.

Warming oceans affecting coral reefs

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Unconcerned (0 - 4)	Neutral to somewhat concerned	Very concerned (8 - 10)
Online Survey	208	9.1	3%	10%	87%
St Kilda	71	8.3	5%	16%	80%
St Kilda West	10	8.3	0%	33%	67%
Middle Park	17	8.1	0%	40%	59%
Albert Park	26	8.0	13%	22%	65%
Elwood	57	7.9	9%	21%	70%
Balaclava	22	7.8	6%	38%	56%
Random Survey	398	7.7	9%	26%	64%
Port Melbourne	64	7.5	7%	34%	59%
South Melbourne	56	7.3	14%	27%	59%
Ripponlea	8	7.2	28%	0%	73%
St Kilda East	27	7.1	16%	23%	61%
St Kilda Road	41	6.8	14%	34%	52%
Young adults	135	7.9	5%	28%	67%
Middle-aged adults	176	7.6	10%	29%	61%
Older adults	87	7.5	14%	18%	68%
Male	190	6.9	17%	28%	55%
Female	204	8.3	3%	25%	72%
English speaking	278	7.9	6%	26%	68%
Multi-lingual	119	7.1	17%	28%	56%
With disability	23	8.0	6%	24%	71%
Without disability	375	7.6	10%	26%	64%
Random Survey	398	7.7	9%	26%	64%
Online Survey	208	9.1	3%	10%	87%

Biodiversity loss – of native trees, plants, animals, birds, and insects

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' concern about biodiversity loss of native trees, plants, animals, birds, and insects, as follows:

- **Somewhat more concerned** – included respondents from St Kilda and Middle Park, female respondents, and online survey respondents.
- **Somewhat less concerned** – respondents from South Melbourne and St Kilda Road, older adults (aged 60 years and over), male respondents, respondents from multilingual households, and respondents from households with a member with disability.

Biodiversity loss - of native trees, plants, animals, birds, and insects

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Unconcerned (0 - 4)	Neutral to somewhat concerned	Very concerned (8 - 10)
Online Survey	215	9.5	1%	6%	94%
St Kilda	71	8.5	4%	20%	76%
Middle Park	18	8.3	0%	38%	62%
Balaclava	22	8.2	6%	17%	77%
St Kilda West	10	8.2	0%	18%	82%
Elwood	57	8.1	7%	28%	66%
Albert Park	26	8.0	9%	20%	71%
Ripponlea	8	8.0	0%	28%	73%
St Kilda East	27	7.9	4%	25%	72%
Random Survey	395	7.8	8%	28%	64%
Port Melbourne	60	7.5	5%	42%	54%
South Melbourne	56	7.3	10%	39%	51%
St Kilda Road	41	6.5	25%	21%	54%
Young adults	135	8.0	5%	29%	66%
Middle-aged adults	176	7.8	8%	28%	65%
Older adults	84	7.4	11%	29%	60%
Male	188	7.1	12%	35%	53%
Female	202	8.4	3%	22%	75%
English speaking	276	8.0	5%	29%	66%
Multi-lingual	119	7.3	13%	26%	61%
With disability	23	7.3	16%	14%	71%
Without disability	372	7.8	7%	29%	64%
Random Survey	395	7.8	8%	28%	64%
Online Survey	215	9.5	1%	6%	94%



Agreement with selected statements about climate change

Respondents were asked:

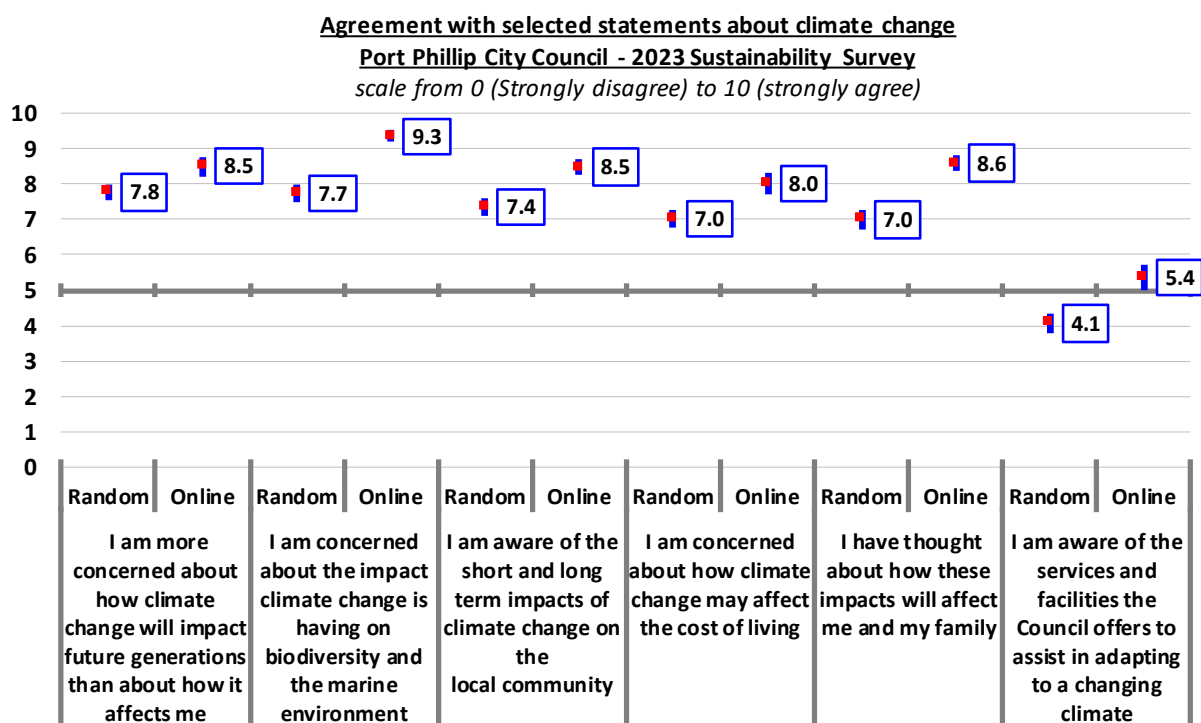
“On a scale from 0 (strongly disagree) to 10 (strongly agree), please rate your agreement with the following statements about climate change.”

Respondents were asked their level of agreement or disagreement with six statements about climate change.

On average, the random sample survey respondents “strongly agreed” that they are more concerned about how climate change will impact future generations than about how it affects them personally, they are concerned about the impact climate change is having on biodiversity and the marine environment, they are aware of the short and long-term impacts of climate change on the local community, they are concerned about how climate change may affect the cost of living, and they have thought about how these impacts will affect them and their families. At least half of the random sample respondents “strongly agreed” with each of these statements.

On average, however, they “mildly disagreed” that they were aware of the services and facilities that Council offers to assist in adapting to a changing climate, with 56% disagreeing.

The self-selected online survey respondents were measurably and mostly significantly more in agreement with each of these six statements than the random sample respondents.



This reflects the nature of the self-selected online survey respondents and representing the views of those in the community who were sufficiently engaged with climate change and sustainability issues to take the time to proactively choose to participate in the research.

The random sample respondents reflect the views of the underlying City of Port Phillip community, as they were randomly selected and the sample is fully weighted by suburb, as well as by age and gender.

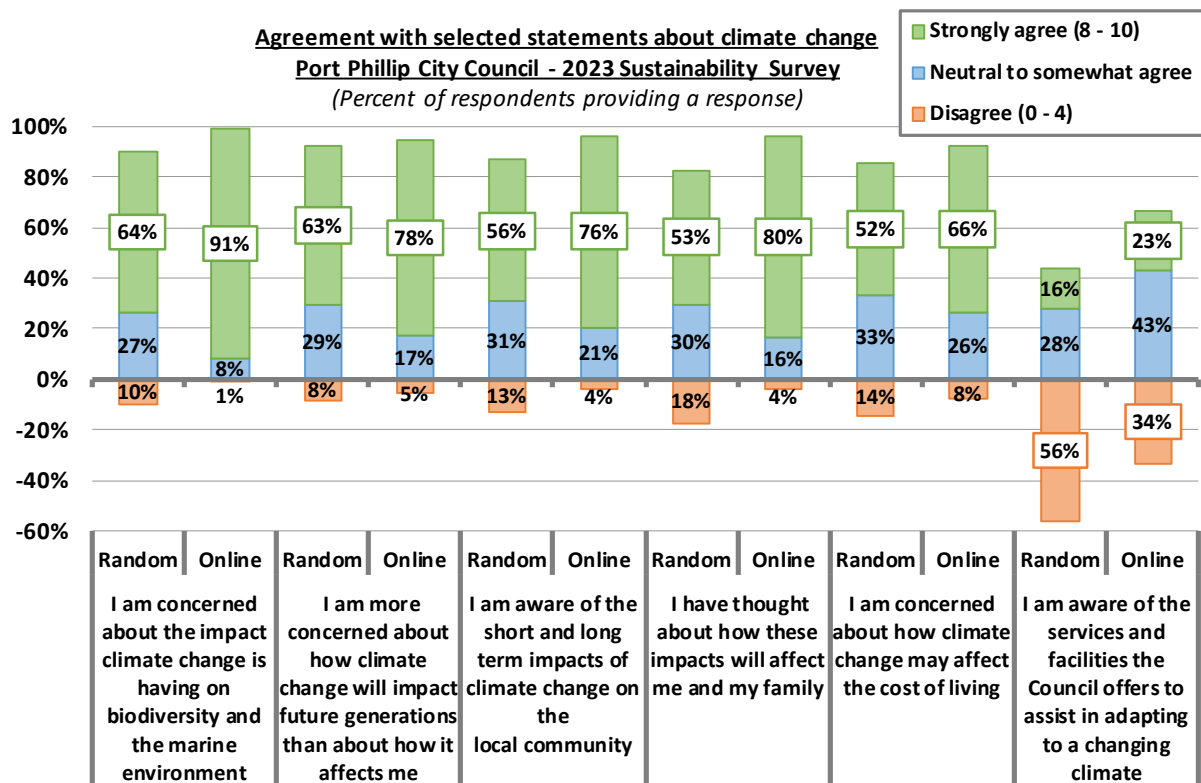
It is important to bear in mind when interpreting these strong levels of agreement, that the results reflect the personal perception of the respondents and does not measure their actual knowledge of these issues, or the actual degree to which they may have thought about them.

For example, on average respondents rated at 7.0 out of 10, their agreement that they have thought about how these impacts will affect them and their family. This does not record the actual degree of attention or thought that respondents may have put to these issues, only that they believe, when asked, that they have done so.

The following graph provides a breakdown of these results into the proportion of respondents who “strongly agreed” (i.e., rated agreement at eight or more), those who were “neutral to somewhat agreed” (i.e., rated agreement at five to seven), and those who “disagreed” (i.e., rated agreement at less than five).

More than half of the random sample respondents “strongly” agreed with five of the six statements, whilst by contrast, two-thirds or more of the self-selected online respondents “strongly agreed” with these statements.

It is noted, however, that just 16% of the random sample and 23% of the online survey respondents “strongly agreed” that they were aware of Council’s services and facilities to assist in adapting to climate change, and 56% and 34% respectively “disagreed”.



I am aware of the short- and long-term impacts of climate change on the local community

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' agreement that they are aware the short and long-term impacts of climate change on the local community as follows:

- **Somewhat more in agreement** – included respondents from Elwood, young adults (aged 18 to 34 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less in agreement** – respondents from South Melbourne and St Kilda East, Albert Park, and St Kilda Road, and male respondents.

I am aware of the short and long-term impacts of climate change on the local community

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average agreement	Disagree (0 - 4)	Neutral to somewhat agree	Strongly agree (8 - 10)
Online Survey	209	8.5	4%	21%	76%
Elwood	58	8.1	4%	26%	70%
St Kilda	71	7.6	8%	32%	60%
Middle Park	18	7.6	8%	46%	46%
Port Melbourne	61	7.5	10%	38%	52%
Ripponlea	8	7.5	28%	33%	39%
Random Survey	396	7.4	13%	31%	56%
South Melbourne	56	7.3	18%	23%	59%
Balaclava	22	7.2	27%	22%	52%
St Kilda West	10	7.1	0%	59%	41%
St Kilda East	26	6.8	21%	19%	61%
Albert Park	26	6.8	13%	42%	44%
St Kilda Road	41	6.3	24%	31%	45%
Young adults	135	7.7	13%	25%	63%
Middle-aged adults	176	7.2	12%	38%	50%
Older adults	86	7.2	18%	25%	57%
Male	190	6.9	17%	33%	49%
Female	202	7.8	10%	28%	62%
English speaking	277	7.4	12%	31%	57%
Multi-lingual	119	7.2	17%	29%	54%
With disability	23	8.0	14%	14%	72%
Without disability	373	7.3	13%	32%	55%
Random Survey	396	7.4	13%	31%	56%
Online Survey	209	8.5	4%	21%	76%

I have thought about how these impacts will affect me and my family

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' agreement that they have thought about how these impacts will affect them and their family as follows:

- **Somewhat more in agreement** – included respondents from Middle Park and Elwood, female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less in agreement** – respondents from St Kilda West and St Kilda East, male respondents, and respondents from multilingual households.

I have thought about how these impacts will affect me and my family

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average agreement	Disagree (0 - 4)	Neutral to somewhat agree	Strongly agree (8 - 10)
Online Survey	209	8.6	4%	16%	80%
Middle Park	18	7.8	3%	31%	67%
Elwood	58	7.6	6%	34%	60%
Albert Park	26	7.3	11%	32%	57%
St Kilda	69	7.3	12%	29%	59%
Random Survey	395	7.0	18%	30%	53%
Balaclava	22	7.0	29%	18%	53%
Port Melbourne	63	6.9	15%	40%	45%
Ripponlea	8	6.9	28%	33%	39%
South Melbourne	56	6.8	27%	23%	50%
St Kilda East	27	6.7	19%	27%	54%
St Kilda West	10	6.3	25%	37%	38%
St Kilda Road	40	5.7	33%	24%	43%
Young adults	132	7.2	17%	27%	57%
Middle-aged adults	176	6.9	15%	37%	48%
Older adults	87	6.9	24%	20%	56%
Male	188	6.5	21%	31%	48%
Female	203	7.4	14%	29%	56%
English speaking	277	7.3	14%	30%	57%
Multi-lingual	118	6.4	26%	30%	44%
With disability	23	8.0	6%	38%	56%
Without disability	373	6.9	18%	29%	53%
Random Survey	395	7.0	18%	30%	53%
Online Survey	209	8.6	4%	16%	80%

I am concerned about how climate change may affect the cost of living

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' agreement that they have thought about how climate change may affect the cost of living as follows:

- **Somewhat more in agreement** – included respondents from Balaclava, Middle Park and Elwood, young adults (aged 18 to 34 years), female respondents, and online survey respondents.
- **Somewhat less in agreement** – respondents from St Kilda East, Ripponlea, St Kilda Road, and St Kilda West, older adults (aged 60 years and over), male respondents, and respondents from multilingual households.

I am concerned about how climate change may affect the cost of living
Port Phillip City Council - 2023 Sustainability Survey
(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average agreement	Disagree (0 - 4)	Neutral to somewhat agree	Strongly agree (8 - 10)
Online Survey	209	8.0	8%	26%	66%
Balaclava	22	7.9	6%	31%	63%
Middle Park	18	7.7	0%	54%	46%
Elwood	58	7.5	9%	31%	60%
St Kilda	71	7.3	11%	35%	55%
Albert Park	26	7.1	14%	29%	58%
Random Survey	398	7.0	14%	33%	52%
Port Melbourne	62	7.0	21%	29%	50%
South Melbourne	56	6.9	16%	33%	51%
St Kilda East	27	6.6	10%	40%	50%
Ripponlea	8	6.6	28%	22%	50%
St Kilda Road	41	6.1	23%	36%	41%
St Kilda West	10	5.7	29%	29%	43%
Young adults	135	7.6	8%	31%	61%
Middle-aged adults	176	6.9	16%	35%	50%
Older adults	87	6.4	21%	35%	44%
Male	191	6.4	24%	30%	46%
Female	203	7.6	5%	36%	59%
English speaking	279	7.2	12%	33%	56%
Multi-lingual	119	6.5	21%	36%	44%
With disability	23	7.4	8%	26%	66%
Without disability	375	7.0	15%	34%	52%
Random Survey	398	7.0	14%	33%	52%
Online Survey	209	8.0	8%	26%	66%

I am more concerned about how climate change will impact future generations than about how it affects me

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' agreement that they were more concerned about how climate change will impact future generations than how it affects them as follows:

- **Somewhat more in agreement** – included respondents from St Kilda West, Middle Park, and Albert Park, young adults (aged 18 to 34 years), female respondents, and online survey respondents.
- **Somewhat less in agreement** – respondents from St Kilda Road, and Ripponlea, male respondents, and respondents from multilingual households.

I am more concerned about how climate change will impact future generations than about how it affects me

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average agreement	Disagree (0 - 4)	Neutral to somewhat agree	Strongly agree (8 - 10)
St Kilda West	10	8.6	0%	21%	79%
Online Survey	209	8.5	5%	17%	78%
Middle Park	18	8.4	0%	34%	67%
Albert Park	26	8.2	0%	32%	68%
Port Melbourne	63	8.0	6%	37%	57%
Balaclava	22	8.0	8%	28%	65%
St Kilda	71	7.9	6%	23%	71%
Random Survey	398	7.8	8%	29%	63%
Elwood	58	7.6	13%	19%	68%
South Melbourne	56	7.6	9%	32%	59%
St Kilda East	27	7.5	5%	39%	56%
St Kilda Road	41	7.2	16%	30%	54%
Ripponlea	8	6.6	28%	39%	34%
Young adults	135	8.2	2%	30%	68%
Middle-aged adults	177	7.5	12%	29%	59%
Older adults	87	7.6	9%	30%	61%
Male	191	7.3	12%	33%	55%
Female	204	8.2	5%	27%	69%
English speaking	279	8.0	6%	27%	67%
Multi-lingual	119	7.3	13%	34%	53%
With disability	23	7.9	8%	25%	67%
Without disability	376	7.8	8%	30%	62%
Random Survey	398	7.8	8%	29%	63%
Online Survey	209	8.5	5%	17%	78%



I am concerned about the impact climate change is having on biodiversity and the marine environment

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' agreement that they are concerned about the impact climate change is having on biodiversity and the marine environment, as follows:

- **Somewhat more in agreement** – included respondents from St Kilda West, St Kilda, Albert Park, and Middle Park, young adults (aged 18 to 34 years), female respondents, and online survey respondents.
- **Somewhat less in agreement** – respondents from South Melbourne and St Kilda Road, older adults (aged 60 years and over), male respondents, and respondents from multilingual households.

I am concerned about the impact climate change is having on biodiversity and the marine environment

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average agreement	Disagree (0 - 4)	Neutral to somewhat agree	Strongly agree (8 - 10)
Online Survey	208	9.3	1%	8%	91%
St Kilda West	10	8.3	0%	20%	80%
St Kilda	71	8.3	4%	20%	76%
Albert Park	26	8.3	9%	11%	80%
Middle Park	18	8.2	3%	40%	57%
Balaclava	22	8.1	8%	18%	74%
Elwood	57	7.9	8%	25%	67%
Port Melbourne	60	7.8	7%	32%	61%
Random Survey	395	7.7	10%	27%	64%
Ripponlea	8	7.6	28%	6%	67%
St Kilda East	27	7.4	9%	35%	56%
South Melbourne	56	7.2	18%	29%	53%
St Kilda Road	41	6.5	22%	35%	43%
Young adults	135	8.2	8%	22%	71%
Middle-aged adults	175	7.6	9%	28%	63%
Older adults	86	7.3	15%	31%	53%
Male	189	7.2	13%	33%	54%
Female	202	8.2	7%	21%	72%
English speaking	277	8.0	7%	26%	67%
Multi-lingual	118	7.2	17%	28%	55%
With disability	23	8.0	8%	21%	71%
Without disability	372	7.7	10%	27%	63%
Random Survey	395	7.7	10%	27%	64%
Online Survey	208	9.3	1%	8%	91%

I am aware of the services and facilities the Council offers to assist in adapting to a changing climate

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the respondents' agreement that they are aware of the services and facilities that Council offers to assist in adapting to a changing climate, as follows:

- **Somewhat more in agreement** – included respondents from Ripponlea, St Kilda West, and St Kilda, and older adults (aged 60 years and over), female respondents, and online survey respondents.
- **Somewhat less in agreement** – respondents from St Kilda East, Albert Park, St Kilda Road, and Middle Park.

I am aware of the services and facilities the Council offers to assist in adapting to a changing climate

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average agreement	Disagree (0 - 4)	Neutral to somewhat agree	Strongly agree (8 - 10)
Ripponlea	8	6.0	39%	34%	28%
Online Survey	199	5.4	34%	43%	23%
St Kilda West	10	4.6	49%	30%	21%
St Kilda	71	4.6	49%	24%	28%
Port Melbourne	61	4.4	48%	32%	20%
Elwood	58	4.4	50%	37%	13%
Random Survey	395	4.1	56%	28%	16%
South Melbourne	56	4.0	60%	23%	17%
Balaclava	22	3.9	58%	30%	12%
St Kilda East	25	3.6	60%	33%	6%
Albert Park	26	3.4	71%	22%	8%
St Kilda Road	41	3.2	69%	22%	9%
Middle Park	18	2.8	76%	24%	0%
Young adults	135	3.9	60%	24%	16%
Middle-aged adults	175	3.9	57%	29%	15%
Older adults	86	4.5	49%	32%	18%
Male	189	4.0	57%	25%	18%
Female	202	4.0	56%	31%	13%
English speaking	276	4.2	55%	29%	16%
Multi-lingual	119	3.8	60%	25%	15%
With disability	23	4.2	45%	36%	19%
Without disability	372	4.1	57%	27%	16%
Random Survey	395	4.1	56%	28%	16%
Online Survey	199	5.4	34%	43%	23%



Have sufficient information about climate change to make informed decisions

Respondents were asked:

“On a scale from 0 (very insufficient) to 10 (very sufficient), do you feel you have enough information about how climate change will impact you, to make informed decisions about?”

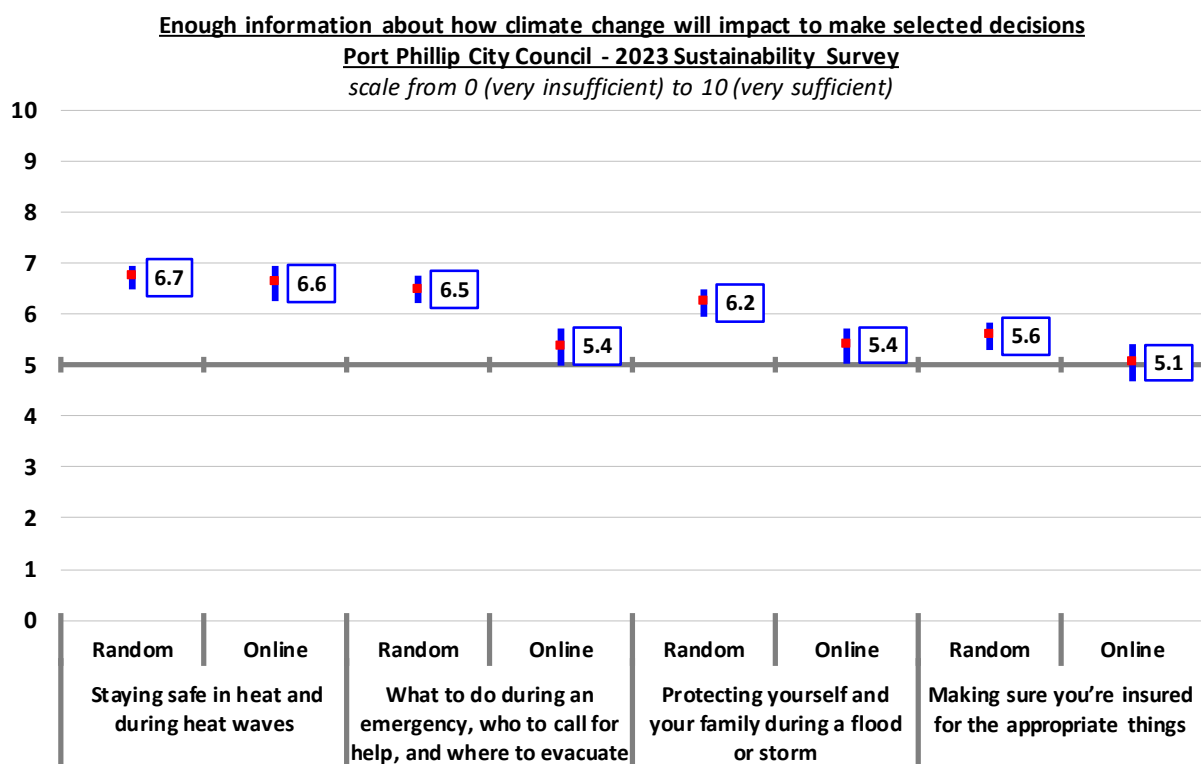
Respondents were asked the degree to which they felt they have enough information about how climate change will them to make informed decisions about four issues, as outlined in the following graph.

A total of

On average, respondents felt they had a moderately sufficient amount of information to make informed decisions about staying safe in heat and during heat waves, what to do in an emergency, who to call, and where to evacuate, and to protect themselves and their family during flood or storm.

They felt, however, that they had only mildly sufficient amount of information to make informed decisions about making sure they are insured for the appropriate things.

Interestingly, and unlike many other sets of data in this survey report, the self-selected online survey respondents tended to report feeling that they had somewhat less sufficient amount of information to make informed decisions, particularly in relation to what to do during an emergency, protecting themselves and their family during a flood or storm.

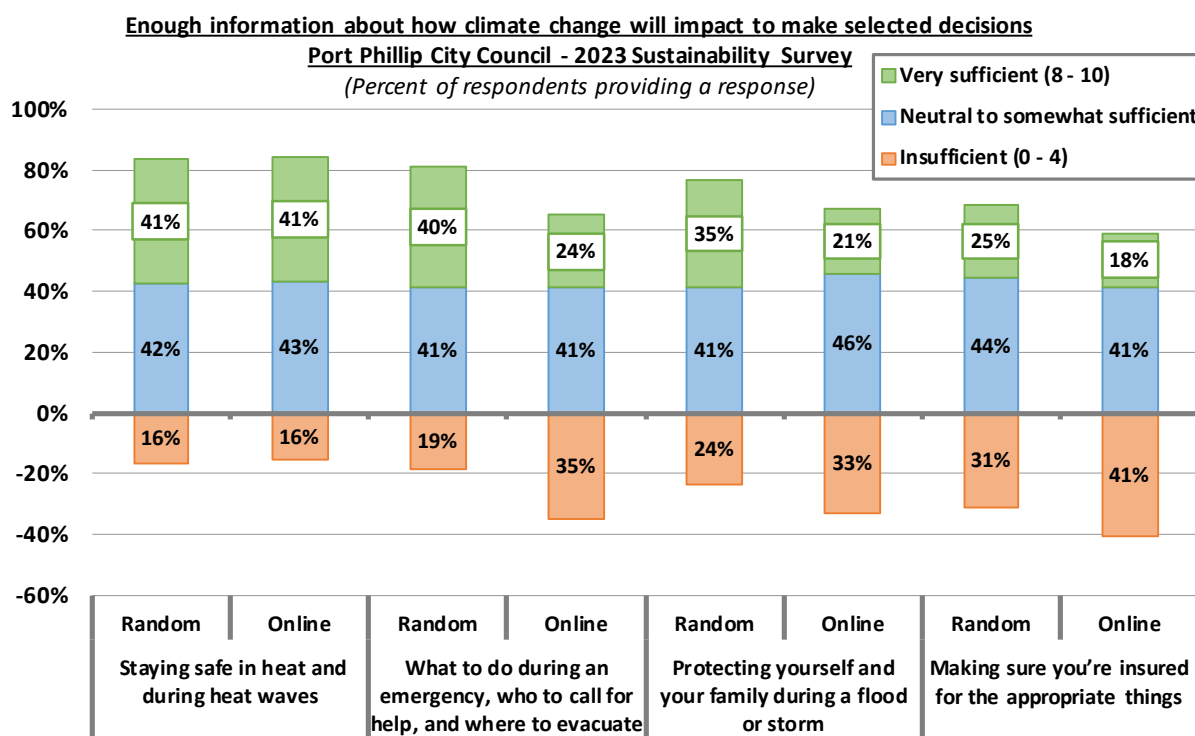




The following graph provides a breakdown of these results into the proportion of respondents who felt they had “very sufficient” information (i.e., rated sufficiency at eight or more), those who felt they had “neutral to somewhat sufficient” information (i.e., rated sufficiency at five to seven), and those who felt they had “insufficient” information (i.e., rated sufficiency at less than five).

There was a substantially diverse range of views expressed by respondents from both surveys as to the sufficiency of information that they had in relation to these four situations.

Whilst most respondents to both surveys appear to feel they have sufficient information to stay safe in heat and during heat waves, and to a lesser extent in relation to what to do in an emergency, one-quarter or more of respondents to both surveys did not feel they had sufficient information to protect themselves and their family during a flood or storm, or to make sure they’re insured for the appropriate things.



Taken together, these average and percentage breakdown results do strongly suggest that there remains many in the Port Phillip community, both the underlying community as well as the self-selected sample who can be considered the thought leaders on climate change in the community, who do not feel they have sufficient information on these issues to assist them dealing with some of the impacts of climate change.

This is particularly the case in relation to protecting themselves and their families during a storm or flood and in terms of making sure that they are insured for the appropriate things.



Making sure you're insured for the appropriate things

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether they have sufficient information to make sure they are insured for the appropriate things, as follows:

- **Somewhat more sufficient** – included respondents from Ripponlea, St Kilda Road, Port Melbourne, and South Melbourne, and older adults (aged 60 years and over).
- **Somewhat less sufficient** – included respondents from Elwood, St Kilda West, Balaclava, young adults (aged 18 to 34 years), and online survey respondents.

Making sure you're insured for the appropriate things

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Insufficient (0 - 4)	Neutral to somewhat sufficient	Very sufficient (8 - 10)
Ripponlea	8	6.7	0%	83%	17%
St Kilda Road	41	6.3	23%	46%	31%
Port Melbourne	57	6.3	17%	51%	32%
South Melbourne	54	6.1	24%	37%	38%
Random Survey	387	5.6	31%	44%	25%
Middle Park	18	5.5	37%	47%	16%
St Kilda	71	5.4	33%	47%	20%
Albert Park	26	5.2	30%	54%	17%
St Kilda East	25	5.2	43%	36%	22%
Elwood	58	5.1	47%	31%	22%
Online Survey	196	5.1	41%	41%	18%
St Kilda West	8	4.7	37%	57%	6%
Balaclava	21	4.0	49%	44%	7%
Young adults	131	5.2	39%	46%	16%
Middle-aged adults	172	5.5	33%	42%	25%
Older adults	84	6.4	16%	47%	37%
Male	185	5.6	29%	48%	23%
Female	198	5.5	33%	41%	26%
English speaking	270	5.6	31%	42%	27%
Multi-lingual	117	5.4	31%	50%	19%
With disability	23	5.3	34%	51%	15%
Without disability	364	5.6	31%	44%	25%
Random Survey	387	5.6	31%	44%	25%
Online Survey	196	5.1	41%	41%	18%

Staying safe in heat and during heat waves

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether they have sufficient information to make sure they can stay safe in heat and during heat waves, as follows:

- **Somewhat more sufficient** – included respondents from St Kilda East and St Kilda West.
- **Somewhat less sufficient** – included respondents from Balaclava, and respondents from multilingual households.

Staying safe in heat and during heat waves

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average mean	Insufficient (0 - 4)	Neutral to somewhat sufficient	Very sufficient (8 - 10)
St Kilda East	25	7.4	11%	31%	57%
St Kilda West	10	7.2	23%	13%	64%
Port Melbourne	59	7.0	11%	52%	37%
St Kilda	71	6.8	18%	36%	46%
St Kilda Road	41	6.7	13%	47%	40%
Random Survey	390	6.7	16%	42%	41%
South Melbourne	54	6.7	14%	47%	39%
Albert Park	26	6.6	13%	44%	43%
Ripponlea	8	6.6	28%	28%	45%
Online Survey	198	6.6	16%	43%	41%
Elwood	58	6.5	19%	39%	42%
Middle Park	18	6.4	13%	71%	16%
Balaclava	21	5.6	35%	32%	33%
Young adults	132	6.4	21%	48%	31%
Middle-aged adults	174	6.8	16%	38%	46%
Older adults	84	7.0	10%	43%	47%
Male	185	6.7	16%	44%	40%
Female	202	6.7	17%	41%	42%
English speaking	274	6.9	14%	41%	45%
Multi-lingual	117	6.3	22%	46%	32%
With disability	23	6.5	36%	18%	47%
Without disability	368	6.7	15%	44%	41%
Random Survey	390	6.7	16%	42%	41%
Online Survey	198	6.6	16%	43%	41%

Protecting yourself and your family during a flood or storm

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether they have sufficient information to protect themselves and their family during a flood or storm event, as follows:

- **Somewhat more sufficient** – included respondents from Ripponlea and older adults (aged 60 years and over).
- **Somewhat less sufficient** – included respondents from St Kilda West and Balaclava, and online survey respondents.

Protecting yourself and your family during a flood or storm

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Insufficient (0 - 4)	Neutral to somewhat sufficient	Very sufficient (8 - 10)
Ripponlea	8	7.6	0%	55%	45%
Port Melbourne	59	6.6	20%	42%	38%
Albert Park	25	6.6	20%	34%	46%
St Kilda Road	41	6.4	18%	52%	29%
St Kilda East	25	6.3	26%	28%	45%
St Kilda	71	6.3	22%	49%	29%
Random Survey	387	6.2	24%	41%	35%
Elwood	54	6.1	25%	42%	34%
Middle Park	17	6.0	27%	47%	26%
South Melbourne	56	5.9	29%	33%	38%
St Kilda West	10	5.7	39%	20%	41%
Online Survey	192	5.4	33%	46%	21%
Balaclava	21	5.0	35%	34%	31%
Young adults	129	5.9	29%	42%	29%
Middle-aged adults	174	6.1	25%	42%	34%
Older adults	85	6.9	14%	40%	47%
Male	186	6.5	19%	43%	38%
Female	197	6.0	28%	40%	32%
English speaking	268	6.3	23%	41%	36%
Multi-lingual	119	6.0	24%	42%	34%
With disability	21	6.3	24%	34%	42%
Without disability	366	6.2	24%	42%	35%
Random Survey	387	6.2	24%	41%	35%
Online Survey	192	5.4	33%	46%	21%

What to do during an emergency, who to call for help, and where to evacuate

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether they have sufficient information to make sure they are insured for the appropriate things, as follows:

- **Somewhat more sufficient** – included respondents from households with a member with disability.
- **Somewhat less sufficient** – included respondents from South Melbourne and online survey respondents.

What to do during an emergency, who to call for help, and where to evacuate

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average mean	Insufficient (0 - 4)	Neutral to somewhat sufficient	Very sufficient (8 - 10)
Port Melbourne	58	6.8	21%	34%	45%
St Kilda	71	6.8	12%	42%	46%
St Kilda Road	38	6.7	20%	44%	36%
St Kilda West	10	6.7	23%	18%	59%
Albert Park	25	6.6	9%	56%	36%
Random Survey	385	6.5	19%	41%	40%
Middle Park	18	6.4	10%	68%	22%
St Kilda East	25	6.3	27%	21%	52%
Elwood	54	6.3	17%	43%	40%
Ripponlea	8	6.2	6%	95%	0%
Balaclava	22	6.2	22%	35%	43%
South Melbourne	56	5.8	29%	37%	35%
Online Survey	192	5.4	35%	41%	24%
Young adults	129	6.7	14%	45%	41%
Middle-aged adults	175	6.4	23%	37%	40%
Older adults	81	6.3	18%	44%	38%
Male	183	6.6	18%	38%	44%
Female	198	6.3	19%	44%	36%
English speaking	268	6.6	18%	38%	44%
Multi-lingual	117	6.1	21%	48%	31%
With disability	19	7.2	16%	34%	49%
Without disability	366	6.4	19%	42%	40%
Random Survey	385	6.5	19%	41%	40%
Online Survey	192	5.4	35%	41%	24%

Council and climate change

Awareness that Council declared a Climate Emergency

Respondents were asked:

“Did you know Port Phillip Council has declared a Climate Emergency?”

When asked if they were aware that Port Phillip Council has declared a Climate Emergency, 13% of the random sample respondents and two-thirds (68%) of the self-selected online survey respondents reported that they were aware that council had declared the emergency.

The significant variation in the results between the two groups of respondents clearly reflects the fact that the random sample respondents reflect the views of the underlying Port Phillip community, whilst the self-selected online respondents reflect the views of those in the community who were sufficiently engaged with these issues to take proactive steps to participate.

It is to be expected that this self-selected group would be significantly more aware of Council activities in the area of climate change and sustainability than the underlying population.

Aware that Port Phillip Council has declared a Climate Emergency

Port Phillip City Council - 2023 Sustainability Survey

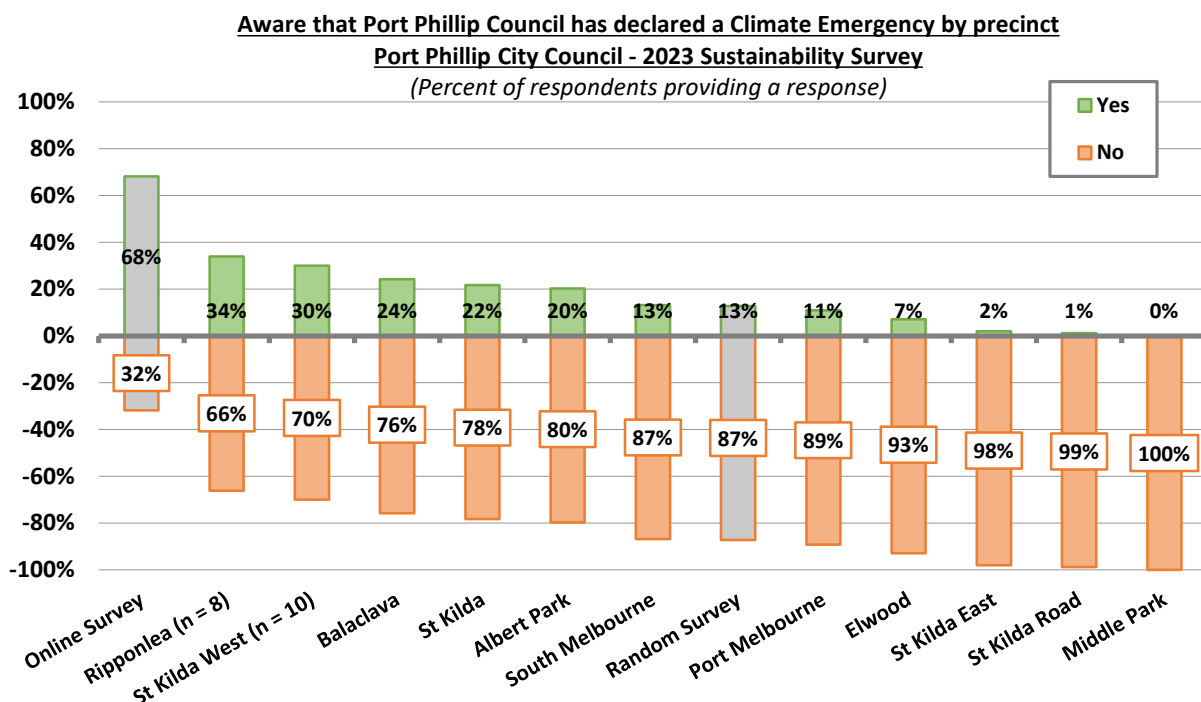
(Number and percent respondents providing a response)

<i>Response</i>	<i>Random</i>		<i>Online</i>	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
Yes	51	13%	105	68%
No	347	87%	49	32%
Not stated	2		61	
Total	400	100%	215	100%

Whilst cognisant of the relatively small sample size at the precinct level for these results, there was some variation observed, as follows:

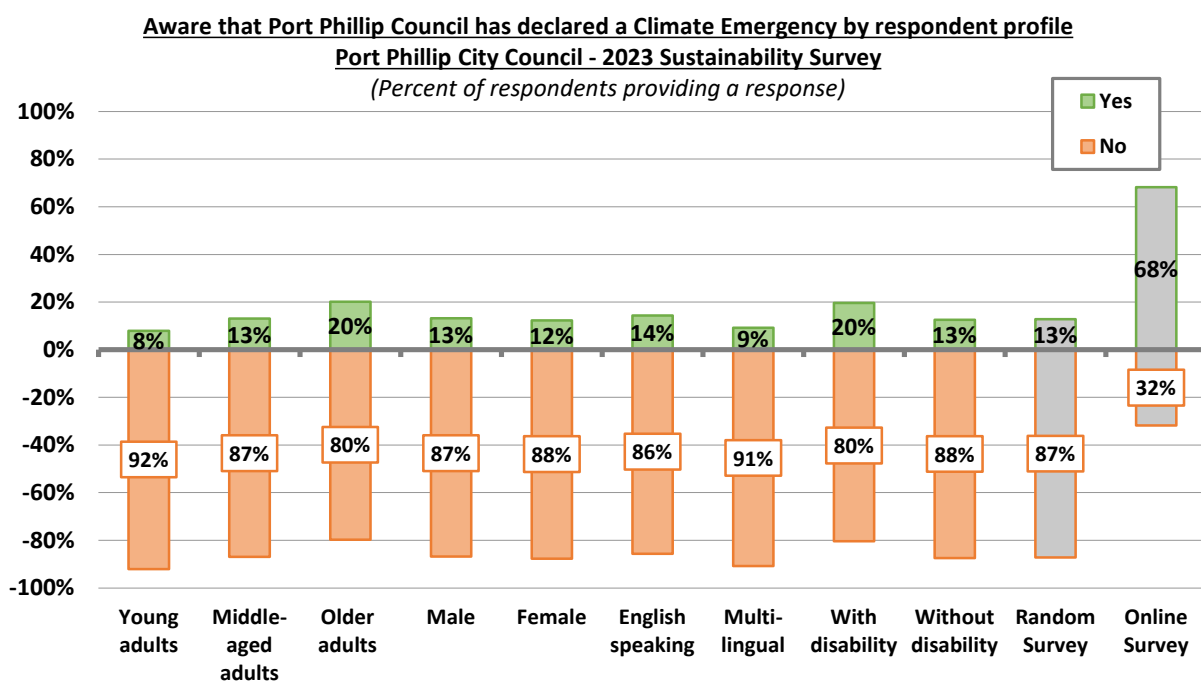
- ***Ripponlea, St Kilda West, Balaclava, St Kilda, and Albert Park*** – respondents were somewhat more likely than average to be aware that Council had declared a Climate Emergency.
- ***St Kilda East, St Kilda Road, and Middle Park*** – none of the respondents from these precincts were aware that Council had declared a Climate Emergency.





There was some variation in this result observed by respondent profile, as follows:

- **Age structure** – younger respondents were less likely to be aware, and older respondents were the most likely to be aware that Council had declared a Climate Emergency.
- **Language spoken at home** – respondents from English speaking households were more likely to be aware than respondents from multilingual households.
- **Household disability status** – respondents from households with a member with disability were notably more likely to be aware than respondents from other households.



Ways for Council to support community activity to address climate change

Respondents were asked:

“Which, if any of the following ways, do you believe Council can best support community activity to address climate change?”

Respondents were asked to select from a precoded list of 11 (including “other”), all the ways, if any, that they believe Council can best support community activity to address climate change.

Almost all of the random sample (97%) and self-selected online survey (99%) respondents nominated at least one way, at an average of approximately six ways per respondent.

More than three-quarters of the random sample survey respondents believed that Council could provide advice and incentives to help people make their homes and buildings more sustainable (79%), provide information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare (78%), and provide more information on actions people can take (77%).

At least a little less than half of the random sample survey respondents believed that Council could assist the community via each of six of the other methods, with only a handful of respondents suggesting that Council run a specific program or suggested other ways.

These results do suggest some interest from the community in Council providing more information across a range of issues, as well as, most notably, providing incentives to help people make changes.

The self-selected online survey respondents were mostly more likely than the random sample respondents to nominate each of these actions that Council could take to assist people, with particular attention drawn to the:

- 24% of online survey respondents who nominated Council run a specific program including biodiversity / greening programs and activities (10 comments), awareness / education activities in communities and schools (9 comments), and energy efficiency / solar / battery / EV connections (9 comments)
- 28% of online survey respondents who nominated other ways to support the community including biodiversity / greening programs and activities (18 comments), infrastructure related (11 comments), climate risk / emergency recognition (10 comments), EcoCentre support and activities (10 comments), and energy efficiency / solar / battery / EV connections (10 comments).

The significantly larger proportion of self-selected online survey respondents who nominated specific and other programs and activities reflects the fact that this group within the community is clearly significantly more engaged in the issues around climate change and sustainability and have stronger views around the variety of ways that they believe Council can assist the community into the future.



Ways for Council to best support community activity to address climate change

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	Random		Online	
	Number	Percent	Number	Percent
Provide advice and incentives to help people make their homes and buildings more sustainable	317	79%	199	93%
Provide more information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare	312	78%	n.a.	n.a.
Provide more information on actions people can take	307	77%	166	77%
Provide more opportunities for community to make spaces and gardens greener, grow food and plant trees	284	71%	190	88%
Provide grants for community groups to work on projects to address climate change	280	70%	172	80%
Advocate on behalf of the community for climate action	274	69%	n.a.	n.a.
Provide workshops, education programs, and events	260	65%	163	76%
Connect people to local environmental activities	190	48%	163	76%
Supporting national initiatives such as Garage Sale Trail	171	43%	104	48%
Run a specific program	16	4%	51	24%
Other ways	18	5%	61	28%
Total responses	2,429		1,269	
<i>Respondents identifying at least one way</i>	<i>387 (97%)</i>		<i>213 (99%)</i>	



The following tables provide a comparison of the ways for Council to best support community activity to address climate change across the 11 precincts comprising the City of Port Phillip.

Whilst cognisant of the small sample size at the precinct level for this survey, there was some variation observed, as follows:

- **Port Melbourne (64 respondents)** – were somewhat more likely than average to nominate providing advice and incentives to help people make their home and buildings more sustainable.
- **South Melbourne (56 respondents)** – were somewhat more likely than average to nominate connecting people to local environmental activities, supporting national initiatives such as the Garage Sale Trail, and “other” ways.
- **Albert Park (26 respondents)** – were somewhat more likely than average to nominate connecting people to local environmental activities.
- **Middle Park (18 respondents)** – were somewhat more likely than average to nominate running a specific program.
- **Ripponlea (8 respondents)** – the eight respondents were somewhat more likely than average to nominate all 11 ways, including “other”.
- **Balaclava (22 respondents)** – were somewhat more likely than average to nominate providing opportunities for community to make spaces and gardens greener, grow food, and plant trees, advocate on behalf of the community for climate action, provide workshops, education programs, and events, connect people to local environmental activities, supporting national initiatives such as the Garage Sale Trail, and run a specific program.
- **Elwood (58 respondents)** – were somewhat more likely than average to nominate supporting national initiatives such as the Garage Sale Trail.
- **St Kilda West (10 respondents)** – were somewhat more likely than average to nominate providing advice and incentives to help people make their homes and buildings more sustainable, provide more opportunities for community to make spaces and gardens greener, grow food, and plant trees, advocate on behalf of the community for climate action, and provide workshops, education programs, and events.



Ways for Council to best support community activity to address climate change by precinct

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

<i>Response</i>	<i>Port Melbourne</i>	<i>South Melbourne</i>	<i>Albert Park</i>	<i>Middle Park</i>	<i>St Kilda Road</i>	<i>St Kilda</i>
Provide advice and incentives to help people make their homes and buildings	91%	80%	81%	78%	71%	77%
Provide more information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare	75%	82%	81%	78%	76%	76%
Provide more information on actions people can take	84%	66%	77%	83%	78%	80%
Provide more opportunities for community to make spaces and gardens greener, grow food and plant trees	69%	71%	77%	67%	68%	76%
Provide grants for community groups to work on projects to address climate change	75%	66%	77%	33%	71%	73%
Advocate on behalf of the community for climate action	69%	75%	73%	33%	66%	72%
Provide workshops, education programs, and events	58%	64%	54%	39%	66%	70%
Connect people to local environmental activities	48%	61%	58%	50%	27%	38%
Supporting national initiatives such as Garage Sale Trail	33%	54%	31%	28%	39%	46%
Run a specific program	2%	7%	0%	17%	2%	1%
Other ways	6%	11%	0%	0%	7%	4%
Total responses	389	357	158	91	233	438
<i>Respondents identifying at least one way</i>	<i>63 (98%)</i>	<i>53 (94%)</i>	<i>24 (94%)</i>	<i>18 (100%)</i>	<i>39 (95%)</i>	<i>71 (99%)</i>



Ways for Council to best support community activity to address climate change by precinct**Port Phillip City Council - 2023 Sustainability Survey***(Number and percent of total respondents)*

<i>Response</i>	<i>St Kilda East</i>	<i>Ripponlea</i>	<i>Balaclava</i>	<i>Elwood</i>	<i>St Kilda West</i>	<i>Random Survey</i>
Provide advice and incentives to help people make their homes and buildings	56%	100%	86%	76%	90%	79%
Provide more information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare	67%	100%	82%	78%	80%	78%
Provide more information on actions people can take	56%	100%	86%	72%	80%	77%
Provide more opportunities for community to make spaces and gardens greener, grow food and plant trees	52%	100%	82%	66%	90%	71%
Provide grants for community groups to work on projects to address climate change	59%	100%	77%	69%	70%	70%
Advocate on behalf of the community for climate action	44%	75%	82%	74%	80%	69%
Provide workshops, education programs, and events	44%	100%	82%	71%	90%	65%
Connect people to local environmental activities	44%	75%	68%	48%	30%	48%
Supporting national initiatives such as Garage Sale Trail	30%	75%	59%	55%	10%	43%
Run a specific program	4%	0%	14%	3%	0%	4%
Other ways	0%	13%	5%	2%	0%	5%
Total responses	123	68	158	356	60	2,429
<i>Respondents identifying at least one way</i>	<i>24 (88%)</i>	<i>8 (100%)</i>	<i>22 (98%)</i>	<i>57 (99%)</i>	<i>10 (100%)</i>	<i>387 (97%)</i>

There was also some variation in the ways for Council to best support community activity to address climate change observed by respondent profile, including age structure, gender, language spoken at home, and household disability status, as follows:

- **Young adults (aged 18 to 34 years)** – respondents were somewhat more likely than average to nominate providing more information on actions people can take, providing grants for community groups to work on projects to address climate change, advocate on behalf of the community for climate action, and provide workshops, education programs, and events.
- **Middle-aged adults (aged 35 to 59 years)** – respondents tended to report similar results to the municipal average, somewhat less likely to nominate each action than younger adults.
- **Older adults (aged 60 years and over)** – respondents tended to be less likely than average to nominate each of these ways for Council to assist the community.



- **Female** – respondents were somewhat more likely than male respondents to nominate providing advice and incentives to help people make their homes and buildings more sustainable, provide more information on climate risks in the local area and how best to prepare, provide more information on actions people can take, provide more opportunities for community to make spaces and gardens greener, grow food, and plant trees, provide grants for community groups to work on projects to address climate change, advocate on behalf of the community for climate action, and provide workshops, education programs, and events.

Ways for Council to best support community activity to address climate change by respondent profile

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	Young adults	Middle-aged adults	Older adults	Male	Female
Provide advice and incentives to help people make their homes and buildings	80%	80%	78%	72%	87%
Provide more information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare	85%	76%	71%	72%	84%
Provide more information on actions people can take	86%	77%	62%	72%	81%
Provide more opportunities for community to make spaces and gardens greener, grow food and plant trees	76%	72%	60%	66%	76%
Provide grants for community groups to work on projects to address climate change	76%	71%	59%	65%	75%
Advocate on behalf of the community for climate action	80%	68%	52%	59%	77%
Provide workshops, education programs, and events	75%	63%	53%	58%	72%
Connect people to local environmental activities	51%	49%	39%	46%	49%
Supporting national initiatives such as Garage Sale Trail	46%	44%	36%	42%	44%
Run a specific program	4%	4%	2%	3%	5%
Other ways	3%	3%	8%	6%	3%
Total responses	895	1,083	453	1,078	1,329
<i>Respondents identifying at least one way</i>	<i>132 (98%)</i>	<i>172 (97%)</i>	<i>82 (94%)</i>	<i>180 (94%)</i>	<i>203 (99%)</i>

- **Multilingual household** – respondents were somewhat more likely than respondents from English speaking households to nominate providing more information on climate risks in the local area and how best to prepare, provide more information on actions people can take, provide more opportunities for community to make spaces and gardens greener, grow food and plant trees, provide workshops, education programs, and events, and connect people to local environmental activities.

- **Households with a member with disability** – respondents were more likely than other households to nominate providing more information on actions people can take, providing grants for community groups to work on projects to address climate change, advocate on behalf of the community for climate action, provide workshops, education programs, and events, and connect people to local environmental activities.
- **Households without members with disability** – respondents were more likely than households with a member with disability to nominate supporting national initiatives such as the Garage Sale Trail.

Ways for Council to best support community activity to address climate change by respondent profile

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	English speaking	Multi-lingual	With disability	Without disability	Random Survey
Provide advice and incentives to help people make their homes and buildings	79%	81%	74%	80%	79%
Provide more information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare	74%	88%	83%	78%	78%
Provide more information on actions people can take	75%	81%	96%	76%	77%
Provide more opportunities for community to make spaces and gardens greener, grow food and plant trees	69%	77%	70%	71%	71%
Provide grants for community groups to work on projects to address climate change	71%	67%	83%	69%	70%
Advocate on behalf of the community for climate action	68%	70%	78%	68%	69%
Provide workshops, education programs, and events	60%	76%	87%	64%	65%
Connect people to local environmental activities	48%	48%	65%	47%	48%
Supporting national initiatives such as Garage Sale Trail	45%	38%	35%	43%	43%
Run a specific program	5%	3%	4%	4%	4%
Other ways	6%	1%	4%	5%	5%
Total responses	1,677	753	155	2,275	2,429
<i>Respondents identifying at least one way</i>	<i>271 (97%)</i>	<i>116 (96%)</i>	<i>22 (98%)</i>	<i>57 (99%)</i>	<i>387 (97%)</i>

Other ways / specific programs for Council to run to support the community

Random sample survey respondents

The following tables outline the specific programs suggested by random sample survey respondents that Council could consider running, as well as other suggestions for how Council could best support community activity to address climate change.

From the random sample survey respondents, there were only 14 responses received in relation to specific programs and 15 other comments received.

These responses covered a range of issues, with some focus on recycling and waste separation and other waste collection issues, and with some other comments which tended to be relatively general in nature.

Specific Council programs to support community activity to address climate change

Port Phillip City Council - 2023 Sustainability Survey (random sample)

(Number and percent of total respondents)

Response	Number
Better energy programs	1
Education in school	1
Green initiative, more community garden	1
Green waste bins in each individual house	1
Inform about climate change through newsletter	1
More information on the segregation of garbage	1
More information about the Council itself	1
More recycling, planting natural plants on nature strips, supporting 3182 beach patrol for litter collection on beach	1
Plant a tree day monthly	1
Plant trees and stop cutting trees.	1
Program to address water cleaning	1
Reduce plastic use but I don't know how the council would do this.	1
Solar power programs	1
You do not mow your grass maybe once a month	1
Total	14



Other ways Council can the support community activity to address climate change**Port Phillip City Council - 2023 Sustainability Survey (random sample)***(Number and percent of total respondents)*

<i>Response</i>	<i>Number</i>
Bins it is an issue, they should working more on recycling	1
Council should take initiative to ally China and India to reduce their emissions	1
Figure out what the impacts could be for the bay and what we can do about it.	1
In library and elder communities education is needed	1
Investing in energy supplies	1
It's not their role	1
Look what is proven, small scale, and doable	1
Online	1
Promote chargers for electric cars, I could not buy one, and there is no way to charge since I don't have a garage. The solution they offered was impractical and expensive	1
Run programmes at primary school	1
Specifically regarding wellbeing	1
Stop telling us what to do with our homes	1
They could do better cleaning of the beach shore, very important to organize activities to clean up. Helping homeless so they stop iniquinating, give them support	1
They should stop talking about it	1
Tightening restrictions on developing and constructing houses. People should not be allowed to build houses that are not sustainable	1
Total	15

Online survey respondents

The following tables outline the specific programs suggested by self-selected online survey respondents that Council could consider running, as well as other suggestions for how Council could best support community activity to address climate change.

The 215 online survey respondents provided a total of 49 suggestions as to specific programs that Council should consider running to support community to address climate change, and 87 other comments about how Council can best support the community.

The most common areas raised by online survey respondents in terms of “other” ways to assist the community were focused on biodiversity / greening programs and activities (18 comments), infrastructure related (11 comments), climate risk / emergency recognition (10 comments), EcoCentre support and activities (10 comments), and energy efficiency / solar / battery / EV connections (10 comments).

The most common areas which the online survey respondents feel Council should run specific programs were related to biodiversity / greening programs and activities (10 comments), awareness / education activities in communities and schools (9 comments), and energy efficiency / solar / battery / EV connections (9 comments).



Other ways Council can the support community activity to address climate change
Port Phillip City Council - 2023 Sustainability Survey (online sample)
(Number of total responses)

<i>Response</i>	<i>Number</i>
<i>Biodiversity / greening programs and activities</i>	
Compel property owners to maintain a percentage of green space on their land. Encourage tree planting within the private realm	2
Disallow the replacement of gardens with concrete to avoid the heat-island effect and promote stormwater drainage. Instead, establish strong directives for gardens to provide shade (trees and vines) and to be permeable to rain and stormwater overflow. Adherence to guidelines should be actively monitored and enforced	2
Restoring creeks / water ways / drainage channels back to natural systems (not concrete culverts) to mitigate flooding, capture pollution and allow rainfall to percolate into soil	2
Stop excessive paving in park areas	2
Better engagement of community in Water Sensitive Urban Design projects and community gardens	1
Council plan for sea level rise	1
Lobby for / influence broader policy settings in areas like food security, land zoning for denser urban infill without high rise horrors and with adequate communal green areas	1
Make guidelines easier to plant on nature strip	1
No idea what Garage Sale Trail is. Inundation is probably a significant risk and the storm water retention basins e.g., in Page St, Middle Park are good. But where are the likely areas of inundation and what is being done to ameliorate them?	1
Plant more street trees, increase penalties and enforcement for illegal removal of significant trees on private land, create more biodiverse planting areas in parkland	1
Plant native canopy trees and pollinating plants for native bees in parks and along the roadsides. Stop building excessive infrastructure in parkland, de-pave concrete/asphalt surfaces wherever possible	1
Provide cooling centres at libraries etc. especially for vulnerable people including homeless, elderly, very young	1
Replace the Grand Prix with a forest at Albert Park for richer biodiversity and wildlife around us	1
Take action to mitigate the loss of gardens, trees, and biodiversity in Port Phillip by compelling developers to include green space in new projects. Strengthen the heritage layer and extend it to include trees. These are things that other Melbourne Councils already do. Port Phillip is lagging behind	1
Total	18
<i>Energy efficiency / solar / battery / EV connections</i>	
All Electric Home - https://reneweconomy.com.au/we-need-100-million-new-electric-machines-and-weve-got-17-budgets-to-get-it-right/	1
Allow solar panels on west and north facing roofs of all dwellings including those affected by heritage overlay. The mitigation of the impact of climate change is critical and so much more important than heritage overlay guidelines that prevent the installation of solar panels on street - facing roofs	1
Ban gas powered leaf blowers, have all Council and park vehicles / tractors / trucks be electric	1
Encourage EV's with plug - in services	1



Invest in renewable energy. Work to find ways to encourage community emissions reduction e.g., solar panels, electrification, and smart networks on commercial and industrial precincts	1
Move EV charging stations and use of EV for Council, more solar panels on the Council buildings / assets and allow them on 'historic' roofs	1
Neighbourhood scale battery storage and solar electrification micro-grids	1
Significantly reduce activities that consume energy and resources that more often than not are non-value adding and just make satisfactory things "shinier". If it's an emergency, start acting like it	1
The Council can achieve zero emissions as an example to the community by 2025 by removing all gas services from council buildings, electrify everything	1
Work more closely with State government programs to increase solar power	1
Total	10

Infrastructure

Prioritise sustainable modes of transport and incentivize people to use (walking, cycling, public transport)	2
Create climate friendly, well designed, safe, and lasting infrastructure for commuters	1
Higher priority to active transport: prioritise the cycling network. Look at qualities of European cities facilitating safe cycling in inner urban municipalities	1
Invest in blue / green infrastructure	1
Lobby for reduced car usage and expansion of public transport	1
More active transport investment, for example separated bike lanes to encourage more take of healthy and climate friendly transport. With separated bike lanes, you can then remove the barrier of helmets that puts many people off	1
More bike lanes, better public transports	1
Promote walking and cycling and bike parking near shops and public buildings and discourage car use. Increase native vegetation and local indigenous tree and shrub cover. Safe crossings for bikes and pedestrians past major roads like the Nepean Hwy. Encourage people to walk or cycle if they move less than 2 - 3 km... not take a car! Help insulate homes and especially rental places!!	1
Provide leadership by supporting active transport	1
Subsidize public transport, introduce car-free days	1
Total	11

Climate risk / emergency recognition - general

Acknowledge CoPP's role in enabling the systems that contribute to ineffective management of our community and our collective knowledge and response to the climate emergency	1
All Council programs should be through the prism of Climate change. The Council should identify key commercial / industrial and assist with safe power purchase agreements. All areas need shady pathways to access shopping centres and community areas especially those living in flats and social housing	1
CoPP to be a practising example of addressing Climate Change: make community hubs accessible on weekends etc	1
Council is far too passive regarding climate change and must do a lot more	1
Council strategies for climate should be incorporated into every aspect of what the Council does. One big problem presently is that a lot of the measure's council takes pertain only to homeowners, but now and into the future and increasingly high number of renters will be affected negatively by climate change	1
Incorporate understanding of the Climate Emergency in all Council decisions	1



More action, less words	1
Provide climate risk assessments for the Council area and detail plans vulnerable people, such as the homeless	1
These suggestions are all (apart from the first one) so passive and disengaged from the actions that need to be taken. Council should be taking a leadership role to prepare Port Phillip for a more difficult future	1
Treating the emergency as urgent and facilitating a rapid transition e.g., home and business electrification	1
Total	10

EcoCentre support and activities

Continue to support and expand organisations such as The Eco Centre which provide environmental education to the community	3
Invest in and fund the EcoCentre to become the 'go to' place for climate change. Ensure they have enough funding and security to be reliably here for the community	3
Support Port Phillip EcoCentre to lead educational programs and activities on climate change	2
Continue to grow EcoCentre funded programs including to do the above (EcoCentre team are inclusive, accessible/free, knowledgeable technically but understandable language(s), inspiring and have a built-in community to follow up on action with	1
Expand your climate work with the EcoCentre, including a partnership funding commitment and a 21 - year lease in the new EcoCentre hub to maximise our community education, learning and action in a critical climate decade	1
Total	10

Financial incentives / support

Practice circular economy, introduce swap initiatives	2
Ensuring that local laws provide incentives for residents to initiate effective responses to climate change e.g., discounted rates for dwellings that are very energy efficient	1
Help address socio economic disadvantage, i.e., housing	1
Incentivise and advocate for business and individuals to reduce waste and emissions	1
Offer incentives for buying organic and local	1
Provide active and incentives to renters to make homes more sustainable to protection from landlords in implementing them	1
Provide Environmental Upgrade Agreements to householders to get finance for retrofitting	1
Total	8

Waste / recycling management

Foster a circle economy: reduce consumption and waste, utilise rubbish to make energy and create energy with clean resources	2
Address waste and recycling	1
Encourage home composting through Compost revolution	1
Green waste recycling	1
Reduce waste and use of single use items (which impact climate both production & 'disposal')	1
Support local food stores to sell bulk and less plastic wrapped foods	1
Support recycling better. More drop points for e.g., rags textiles	1
Total	8



<i>Awareness / education activities in community and schools</i>	
Being more supportive of the volunteer groups in the community that are already doing things	1
Campaign to increase awareness of waste and over - consumption	1
Develop the ethos that we are all together in this - set an example by taking responsibility for all emissions that come from the Council's activities and bring the community with you. Do a Council wide skills audit and climate risk profile	1
Education program	1
Embracing and supporting new start up environmental community groups	1
Total	5
<i>Planning / building regulations</i>	
Facilitate power purchase agreements for local high emitting industries and businesses	1
Higher density housing in the City Of Port Phillip, especially in green leafy areas with good infrastructure. Never listen to NIMBYs	1
Take action with its own buildings and assets e.g., all the Council buildings, road etc should be fully built and maintained using recycled materials and low emission technologies	1
Tighten building permits to a) limit the constant dismantling of buildings adding to landfill and then use of new materials, b) insist individuals and developers to re-use & recycle. Support development of 'tip shops' and reclamation yards for second - hand building materials, fixtures, and fittings	1
Tighter regulation on new developments	1
Total	5
<i>Sustainable activities / practices</i>	
Divest from fossil fuel linked investments / super etc	1
Support for community batteries and other sustainable community energy initiatives	1
Total	2
Total	87

The following table outlines the 49 responses in relation to specific programs for Council to run to support the community to address climate change.

Specific Council programs to support community activity to address climate change

Port Phillip City Council - 2023 Sustainability Survey (online sample)

(Number of total responses)

<i>Response</i>	<i>Number</i>
<i>Biodiversity / greening programs and activities</i>	
Biodiversity program such as Gardens for Wildlife	1
Enviro champs' course	1



Gardens for Wildlife, greening projects	1
Greening and planting nature strips for biodiversity	1
Greening needs engagement and support for existing actions. People should come before cars - this is a message needed for all Council endeavours. Currently no car spaces can be redeployed for trees. This needs to change.	1
Greening the Council including more trees and nature strips	1
How to plant out your nature strip - give people information, education on how to, run a demonstration (with street tree in place) and give people access to discounted materials and plants.	1
Introduce seed library as part CoPP libraries	1
Provide ways for CoPP citizens to learn from Council officers how to best care for our urban forest so the trees in our streets have the best chance to grow	1
Run a program like Green Army to help with hand on conservation works in city	1
Total	10

Awareness / education activities in community and schools

A few months ago, I participated in a fascinating walk at CERES which explained the history of the Earth until this point, and it helped me understand climate change, biodiversity loss, and the fragility of the natural world, plus many other things	1
An educational program highlighting the changes we need to make on a systemic level to avert the climate crisis and mitigate the consequences of the degradation of our planet	1
Bringing a focus on community emissions in Port Phillip	1
Copy city of Melbourne self-guided walks showing what Council has done	1
Education in schools on plastics	1
More focus on how to become climate resilient (personal behaviour during floods/heatwaves) and regional help/assistance during events	1
Special programs involving school children regarding climate change to educate young minds and prepare them for future	1
The direct impact of climate change on health; economy; environment; native animal life and habitat; cost of living	1
Young Environmental Leadership program	1
Total	9

Energy efficiency / solar / battery / EV connections

Community battery and anything Council can do to encourage less car use and / or EVs	1
Developing energy efficient homes, reducing heat island effect, the impact of the food we eat	1
Electrification expo to assist and incentivize community	1
EV connection points in both apartments and properties/residential with No off-street parking - assist research and implement solution/s	1
Help support solar on apartments, don't approve gas connections for new dwellings, green waste recycling in all apartment blocks.	1
Highrise Energy Efficiency Project	1
Make community batteries available	1
Solar panels and batteries for social/council housing	1
Support for energy retrofits for vulnerable households.	1
Total	9



<i>EcoCentre support and activities</i>	
Arrange for EcoCentre to provide workshops and forums on climate change issues, with key informed presenters, on local issues but also including on the "big picture" issues e.g. impact of fossil fuels so people can be better informed and feel comfortable as	1
Get the EcoCentre to discuss/run workshops for the ideas in this list	1
Please support and increase the EcoCentre's next funding agreement proposal. We are so lucky in CoPP to have such a great service and we should utilise it as much as possible	1
The EcoCentre run amazing education and community programs building climate literacy and capacity for the community, schools, students, teachers, and families to take meaningful action	1
Total	4
<i>Sustainable activities / practices</i>	
A regular conduit to help people repair appliances and reduce waste	1
Car-free Sundays: closing off second tier roads on Sundays for residents and active transport only e.g., Kerford Rd, Alma Rd, Barkly St	1
Closed loop living (waste free)	1
Ride to School and Ride to Work programs. Incentives to invest in bikes e.g., bike grant	1
Total	4
<i>Waste / recycling management</i>	
Introduce scheme of reusable containers, make a mandatory reusable option for take-away	1
On recycling and waste reduction	1
Open tip shop for good hard rubbish staff, introduce food pantries etc.	
Soft plastics recycle	1
Total	3
<i>Financial incentives / support</i>	
Home budget	1
Provide financial incentives to help lower socio-economic residents / ratepayers to reduce their emissions / make their homes more sustainable	1
Total	2
<i>Planning / building regulations</i>	
Changes to building regulations to make them more sustainable, especially for apartment blocks	1
Running services to owner's corporation managers and committees re-accessing renewable energies in apartment blocks. Advocating for improvements in residential tenancy law with respect to thermal comfort and sustainable energy resourcing of tenants	1
Total	2



<i>Reduction of food waste</i>	
Introduce food pantries etc.	1
Local community meals to reduce food waste	1
Total	2
<i>Workshops</i>	
Create participative workshops to 1) Inform the community what areas are in greater risk and which risks they are facing, 2) Propose together, with the support of experts, solutions to address these challenges. Engage and empower the community	1
Webinars run by environmental experts to educated residents on the impacts of climate change at a local level and what they can do to contribute toward a more sustainable future, as well as community group information sessions for the elderly	1
Total	2
<i>Other</i>	
Activities available in languages other than English	1
How to address the mental fatigue and despair over climate change and frustrations either not enough action fast enough	1
Total	2
Total	49



Importance of Council addressing selected issues

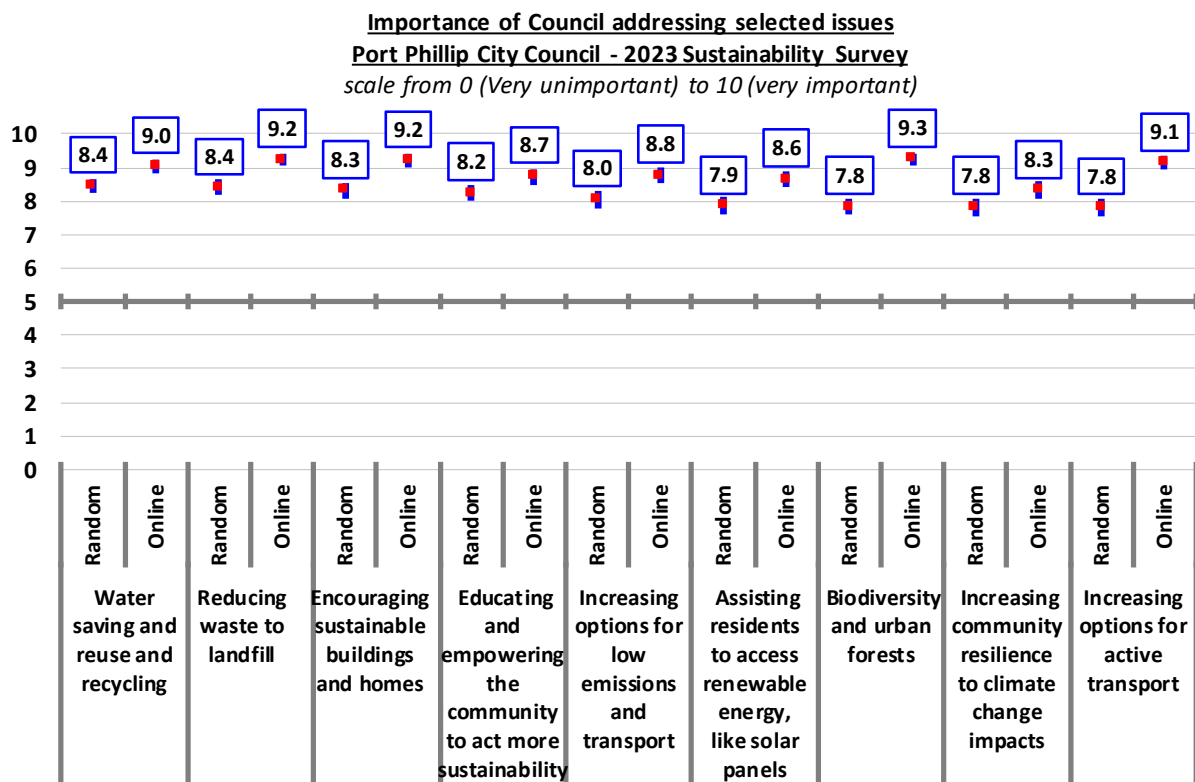
Respondents were asked:

“On a scale from 0 (very unimportant) to 10 (very important), how important is it that Council addresses each of the following?”

Respondents were asked how important they believe it is that Council address each of nine issues relating to addressing climate change and increasing sustainability.

Both the random sample survey respondents and the self-selected online survey respondents both, on average, considered it very to extremely important that Council address each of the nine issues, with average importance score of 7.8 or above.

It is noted that the self-selected online survey respondents considered it measurably more important that Council address each of these issues than the random sample survey respondents, as it is clearly evident in the following graph.

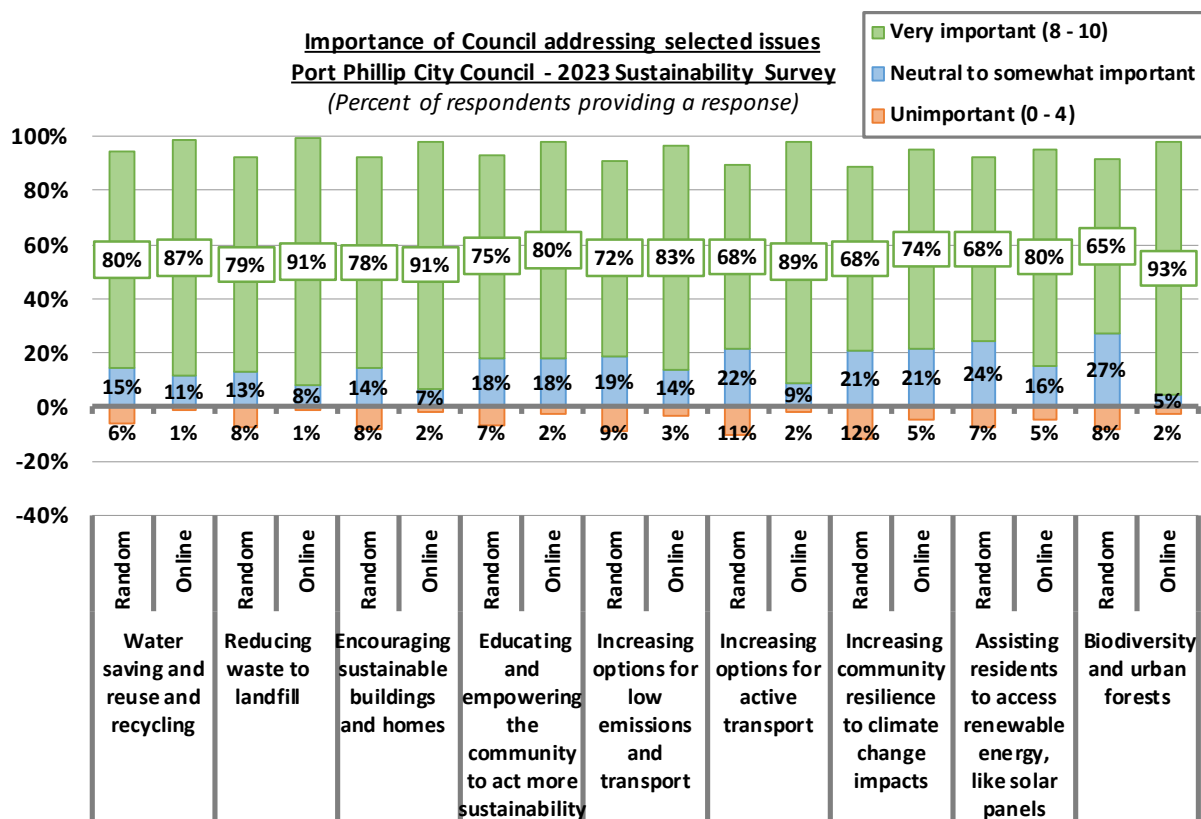


The following graph provides a breakdown of these results into the proportion of respondents who considered it to be “very important” (i.e., rated importance at eight or more), those who considered it to be “neutral to somewhat important” (i.e., rated importance at five to seven), and those who considered it to be “unimportant” (i.e., rated importance at less than five) that Council address each issue.



It is noted that at least two-thirds of the random sample respondents and at least three-quarters of the self-selected online survey respondents considered it “very important” that Council address each of the nine issues.

Only a small proportion of (both random and self-selected online) respondents considered it “unimportant” that Council address each of these nine issues, although it is noted that 12% of the random sample respondents considered it “unimportant” that Council assist in increasing community resilience to climate change impacts, and 11% considered it “unimportant” that Council assist increasing options for active transport.



Taken together, these average and percentage breakdown results reinforce the view that the Port Phillip community, overall, considers it very important that Council assist in addressing a wide range of issues around increasing climate change resilience and improving sustainability in the municipality.

This result is consistent with the very strong level of concern in the community about the impacts of climate change, and the clear preference by many that Council take a proactive role in assisting the community in this area.



Biodiversity and urban forests

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council addressing biodiversity and urban forests, as follows:

- **Somewhat more important** – included respondents from Ripponlea, Balaclava, St Kilda and Elwood, young adults (aged 18 to 34 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less important** – included respondents from St Kilda West and Balaclava.

Biodiversity and urban forests

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

<i>Precinct / profile</i>	<i>Number</i>	<i>Average importance</i>	<i>Unimportant (0 - 4)</i>	<i>Neutral to somewhat important</i>	<i>Very important (8 - 10)</i>
Ripponlea	8	9.6	0%	0%	100%
Balaclava	22	9.3	2%	12%	86%
Online Survey	214	9.3	2%	5%	93%
St Kilda	71	8.4	2%	28%	70%
Elwood	57	8.4	1%	30%	69%
Random Survey	390	7.8	8%	27%	65%
South Melbourne	52	7.5	10%	25%	66%
Middle Park	17	7.5	10%	23%	67%
Port Melbourne	63	7.5	15%	22%	63%
St Kilda East	24	7.5	11%	37%	52%
St Kilda Road	41	7.1	16%	31%	53%
St Kilda West	10	7.1	15%	28%	56%
Albert Park	26	6.9	10%	43%	47%
Young adults	132	8.6	2%	26%	73%
Middle-aged adults	174	7.6	9%	32%	59%
Older adults	84	7.1	16%	20%	64%
Male	188	7.3	13%	29%	58%
Female	198	8.3	4%	25%	71%
English speaking	269	7.8	8%	27%	65%
Multi-lingual	120	7.9	8%	28%	64%
With disability	23	8.4	8%	15%	78%
Without disability	367	7.8	8%	28%	64%
Random Survey	390	7.8	8%	27%	65%
Online Survey	214	9.3	2%	5%	93%



Assisting residents to access renewable energy like solar panels

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council assisting residents to access renewable energy like solar panels, as follows:

- **Somewhat more important** – included respondents from Balaclava and Elwood, young adults (aged 18 to 34 years), female respondents, and online survey respondents.
- **Somewhat less important** – included respondents from South Melbourne and St Kilda Road, older adults (aged 60 years and over), and male respondents.

Assisting residents to access renewable energy, like solar panels

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Balaclava	22	9.1	4%	6%	90%
Online Survey	213	8.6	5%	16%	80%
Elwood	57	8.5	1%	24%	75%
St Kilda	71	8.1	7%	21%	72%
St Kilda West	10	8.1	15%	10%	75%
Ripponlea	8	7.9	0%	28%	73%
Random Survey	396	7.9	7%	24%	68%
Port Melbourne	61	7.7	7%	33%	60%
Albert Park	26	7.7	9%	23%	68%
St Kilda East	27	7.6	2%	40%	58%
Middle Park	18	7.5	9%	26%	65%
South Melbourne	56	7.3	12%	24%	64%
St Kilda Road	41	7.1	14%	22%	64%
Young adults	135	8.4	0%	26%	74%
Middle-aged adults	176	7.9	9%	23%	68%
Older adults	85	6.9	17%	23%	60%
Male	189	7.5	10%	29%	62%
Female	203	8.2	6%	20%	74%
English speaking	277	7.9	8%	22%	70%
Multi-lingual	119	7.7	5%	31%	64%
With disability	23	8.1	10%	16%	74%
Without disability	373	7.8	7%	25%	68%
Random Survey	396	7.9	7%	24%	68%
Online Survey	213	8.6	5%	16%	80%

Reducing waste to landfill

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council reducing waste to landfill, as follows:

- **Somewhat more important** – included respondents from Balaclava and Elwood, young and middle-aged adults (aged 18 to 59 years), female respondents, and online survey respondents.
- **Somewhat less important** – included respondents from Middle Park, St Kilda Road, St Kilda West, and Ripponlea, older adults (aged 60 years and over), and male respondents.

Reducing waste to landfill

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

<i>Precint / profile</i>	<i>Number</i>	<i>Average importance</i>	<i>Unimportant (0 - 4)</i>	<i>Neutral to somewhat important</i>	<i>Very important (8 - 10)</i>
Online Survey	214	9.2	1%	8%	91%
Balaclava	22	9.1	8%	10%	81%
Elwood	56	8.8	5%	14%	81%
St Kilda	71	8.7	7%	5%	89%
Port Melbourne	60	8.7	8%	11%	82%
Albert Park	24	8.5	7%	14%	79%
Random Survey	389	8.4	8%	13%	79%
St Kilda East	27	8.3	7%	17%	76%
South Melbourne	56	8.1	10%	13%	77%
Middle Park	18	7.9	12%	18%	70%
St Kilda Road	38	7.5	14%	13%	73%
St Kilda West	10	7.5	19%	10%	71%
Ripponlea	8	7.3	0%	61%	39%
Young adults	131	8.8	1%	16%	83%
Middle-aged adults	175	8.4	7%	16%	77%
Older adults	84	7.7	19%	3%	78%
Male	185	7.8	13%	15%	72%
Female	200	8.9	3%	12%	86%
English speaking	271	8.5	7%	13%	81%
Multi-lingual	118	8.2	11%	14%	76%
With disability	23	8.3	4%	22%	75%
Without disability	367	8.4	8%	13%	79%
Random Survey	389	8.4	8%	13%	79%
Online Survey	214	9.2	1%	8%	91%



Encouraging sustainable buildings and homes

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council encouraging sustainable buildings and homes, as follows:

- **Somewhat more important** – included respondents from Balaclava and Elwood, young and middle-aged adults (aged 18 to 59 years), female respondents, and online survey respondents.
- **Somewhat less important** – included respondents from Middle Park, St Kilda Road, St Kilda West, and Ripponlea, older adults (aged 60 years and over), and male respondents.

Encouraging sustainable buildings and homes Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Balaclava	22	9.4	2%	8%	90%
Online Survey	213	9.2	2%	7%	91%
Elwood	56	8.8	5%	12%	83%
St Kilda	70	8.5	5%	13%	83%
Albert Park	26	8.5	6%	13%	80%
Port Melbourne	62	8.3	8%	18%	75%
Random Survey	394	8.3	8%	14%	78%
Middle Park	18	8.2	9%	3%	88%
St Kilda East	27	8.1	2%	21%	77%
South Melbourne	56	8.1	10%	16%	74%
St Kilda West	10	7.5	19%	15%	67%
St Kilda Road	41	7.4	16%	16%	68%
Ripponlea	8	6.6	28%	28%	45%
Young adults	135	8.8	2%	14%	85%
Middle-aged adults	174	8.4	6%	17%	77%
Older adults	86	7.3	21%	9%	69%
Male	191	7.7	14%	17%	70%
Female	200	8.8	3%	13%	85%
English speaking	275	8.3	8%	14%	79%
Multi-lingual	119	8.3	7%	17%	75%
With disability	23	9.1	4%	12%	84%
Without disability	372	8.3	8%	15%	77%
Random Survey	394	8.3	8%	14%	78%

Water saving and reuse and recycling

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council encouraging water saving and reuse, and recycling, as follows:

- **Somewhat more important** – included respondents from Balaclava and Elwood, young and middle-aged adults (aged 18 to 59 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less important** – included respondents from St Kilda Road and Ripponlea, older adults (aged 60 years and over), and male respondents.

Water saving and reuse and recycling

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Balaclava	22	9.3	2%	12%	86%
Online Survey	212	9.0	1%	11%	87%
Elwood	57	9.0	2%	15%	83%
Port Melbourne	62	8.7	1%	21%	79%
St Kilda East	27	8.6	0%	21%	79%
St Kilda	71	8.6	5%	8%	87%
Random Survey	396	8.4	6%	15%	80%
Middle Park	18	8.3	9%	10%	81%
Albert Park	26	8.2	6%	21%	73%
St Kilda West	10	8.2	10%	10%	80%
South Melbourne	56	8.1	10%	11%	80%
St Kilda Road	41	7.6	13%	17%	70%
Ripponlea	8	6.6	28%	28%	45%
Young adults	135	9.0	2%	10%	88%
Middle-aged adults	175	8.4	5%	17%	77%
Older adults	87	7.7	13%	17%	70%
Male	190	7.8	11%	19%	71%
Female	203	9.0	1%	12%	87%
English speaking	276	8.4	5%	16%	79%
Multi-lingual	120	8.5	7%	12%	81%
With disability	23	9.1	4%	12%	84%
Without disability	374	8.4	6%	15%	79%
Random Survey	396	8.4	6%	15%	80%
Online Survey	212	9.0	1%	11%	87%



Educating and empowering the community to act more sustainability

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council educating and empowering the community to act more sustainably, as follows:

- **Somewhat more important** – included respondents from Balaclava, Ripponlea, Elwood, and Middle Park, young adults (aged 18 to 34 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less important** – included respondents from Albert Park, St Kilda West, and St Kilda Road, older adults (aged 60 years and over), and male respondents.

Educating and empowering the community to act more sustainability

Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Balaclava	22	9.1	2%	14%	84%
Ripponlea	8	9.1	0%	28%	73%
Elwood	57	8.8	1%	17%	82%
Online Survey	210	8.7	2%	18%	80%
Middle Park	18	8.7	0%	25%	75%
St Kilda East	26	8.4	4%	20%	76%
St Kilda	71	8.4	9%	12%	79%
Port Melbourne	62	8.4	3%	23%	75%
Random Survey	396	8.2	7%	18%	75%
South Melbourne	56	7.8	12%	13%	75%
Albert Park	26	7.6	11%	32%	57%
St Kilda West	10	7.6	10%	29%	61%
St Kilda Road	41	7.3	13%	17%	70%
Young adults	135	9.0	0%	12%	88%
Middle-aged adults	174	8.1	8%	20%	72%
Older adults	87	7.4	14%	23%	63%
Male	190	7.7	10%	23%	67%
Female	202	8.7	3%	13%	83%
English speaking	276	8.2	7%	17%	75%
Multi-lingual	120	8.3	6%	20%	75%
With disability	23	8.9	4%	10%	86%
Without disability	373	8.2	7%	19%	75%
Random Survey	396	8.2	7%	18%	75%
Online Survey	210	8.7	2%	18%	80%

Increasing options for low emissions and transport

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council increasing options for low emissions and transport, as follows:

- **Somewhat more important** – included respondents from Balaclava, Middle Park, Elwood, St Kilda East, and Port Melbourne, young adults (aged 18 to 34 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less important** – included respondents from South Melbourne, St Kilda Road, and St Kilda West, older adults (aged 60 years and over), male respondents, and respondents from multilingual households.

Increasing options for low emissions and transport Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Balaclava	22	9.2	4%	8%	88%
Middle Park	18	9.0	0%	14%	86%
Online Survey	209	8.8	3%	14%	83%
Elwood	57	8.5	4%	18%	78%
St Kilda East	26	8.5	2%	12%	86%
Port Melbourne	59	8.4	3%	24%	73%
Ripponlea	8	8.2	0%	55%	45%
Random Survey	390	8.0	9%	19%	72%
St Kilda	71	7.9	7%	27%	66%
Albert Park	24	7.8	17%	18%	65%
South Melbourne	55	7.7	13%	14%	73%
St Kilda Road	41	6.9	26%	10%	64%
St Kilda West	10	6.7	29%	19%	53%
Young adults	133	8.9	2%	12%	86%
Middle-aged adults	173	8.0	8%	25%	67%
Older adults	84	6.9	22%	16%	62%
Male	188	7.5	13%	21%	66%
Female	199	8.6	5%	17%	78%
English speaking	270	8.2	9%	15%	76%
Multi-lingual	120	7.7	9%	27%	64%
With disability	22	8.7	14%	2%	84%
Without disability	368	8.0	9%	20%	72%
Random Survey	390	8.0	9%	19%	72%
Online Survey	209	8.8	3%	14%	83%

Increasing options for active transport

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council increasing options for active transport, as follows:

- **Somewhat more important** – included respondents from Balaclava, St Kilda East, and Elwood, young adults (aged 18 to 34 years), female respondents, and online survey respondents.
- **Somewhat less important** – included respondents from Port Melbourne, St Kilda West, and St Kilda Road, older adults (aged 60 years and over), and male respondents.

Increasing options for active transport Port Phillip City Council - 2023 Sustainability Survey

(Number, index score 0 - 10 and percent of respondents providing a response)

Precint / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Online Survey	213	9.1	2%	9%	89%
Balaclava	22	9.0	0%	18%	82%
St Kilda East	26	8.8	2%	12%	86%
Elwood	57	8.6	6%	13%	81%
Ripponlea	8	8.3	0%	55%	45%
St Kilda	71	7.9	8%	25%	67%
Random Survey	391	7.8	11%	22%	68%
South Melbourne	55	7.8	11%	23%	66%
Middle Park	18	7.4	20%	7%	73%
Albert Park	26	7.4	8%	30%	62%
Port Melbourne	57	7.2	16%	28%	56%
St Kilda West	10	6.9	15%	26%	59%
St Kilda Road	41	6.6	25%	17%	59%
Young adults	133	8.5	3%	15%	82%
Middle-aged adults	174	7.7	10%	27%	64%
Older adults	84	6.9	24%	21%	55%
Male	188	7.3	16%	22%	62%
Female	199	8.3	6%	22%	73%
English speaking	270	7.9	10%	20%	70%
Multi-lingual	120	7.6	13%	25%	63%
With disability	23	8.0	14%	10%	76%
Without disability	368	7.8	10%	22%	67%
Random Survey	391	7.8	11%	22%	68%
Online Survey	213	9.1	2%	9%	89%

Increasing community resilience to climate change impacts

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the average importance of Council increasing community resilience to climate change impacts, as follows:

- **Somewhat more important** – included respondents from Balaclava, Ripponlea, and Elwood, young adults (aged 18 to 34 years), female respondents, respondents from households with a member with disability, and online survey respondents.
- **Somewhat less important** – included respondents from South Melbourne, St Kilda West, and St Kilda Road, older adults (aged 60 years and over), and male respondents.

Increasing community resilience to climate change impacts
Port Phillip City Council - 2023 Sustainability Survey
 (Number, index score 0 - 10 and percent of respondents providing a response)

Precinct / profile	Number	Average importance	Unimportant (0 - 4)	Neutral to somewhat important	Very important (8 - 10)
Balaclava	22	9.0	8%	4%	88%
Ripponlea	8	9.0	0%	33%	67%
Elwood	57	8.5	4%	21%	74%
Online Survey	211	8.3	5%	21%	74%
St Kilda East	26	8.1	9%	17%	74%
St Kilda	69	8.0	6%	24%	70%
Random Survey	387	7.8	12%	21%	68%
Albert Park	25	7.8	11%	16%	73%
Middle Park	18	7.8	9%	29%	62%
Port Melbourne	58	7.6	16%	23%	62%
South Melbourne	54	7.2	18%	24%	58%
St Kilda West	10	7.1	10%	39%	51%
St Kilda Road	41	7.0	23%	15%	62%
Young adults	135	8.6	5%	17%	78%
Middle-aged adults	170	7.7	8%	28%	64%
Older adults	82	6.7	29%	15%	56%
Male	184	7.1	20%	21%	59%
Female	199	8.4	4%	21%	75%
English speaking	268	7.8	11%	20%	69%
Multi-lingual	119	7.8	12%	25%	64%
With disability	23	8.6	14%	0%	86%
Without disability	365	7.8	11%	22%	66%
Random Survey	387	7.8	12%	21%	68%
Online Survey	211	8.3	5%	21%	74%



Personal response to climate change / environmental sustainability

Household engaged in selected sustainable environmental initiatives

Respondents were asked:

“Have you or members of your household engaged in the following sustainable environmental initiatives, and if not, what was the main barrier?”

Respondents were asked if their household were already engaged in 15 selected environmental initiatives, were considering, or were not considering them within the next five years.

Of the random sample survey respondents who provided an answer to the question, approximately half or more were already avoiding single use plastics (93%), sourced locally grown food (79%), used a special recycling service (73%), modified heating / cooling to save energy / money (69%), reduce their car use (65%), modified their home to reduce heat loss / gain (62%), changed to renewable energy (51%), prepared to cope with a heatwave, storm, or flood (48%), and planted a vegetable / garden patch (48%).

By contrast, a majority of respondents were not considering purchasing an electric bike (79%), used a car share scheme (68%), purchased an electric only vehicle (54%), installed solar panels / batteries (51%), or have rainwater tanks or used greywater in the garden (50%).

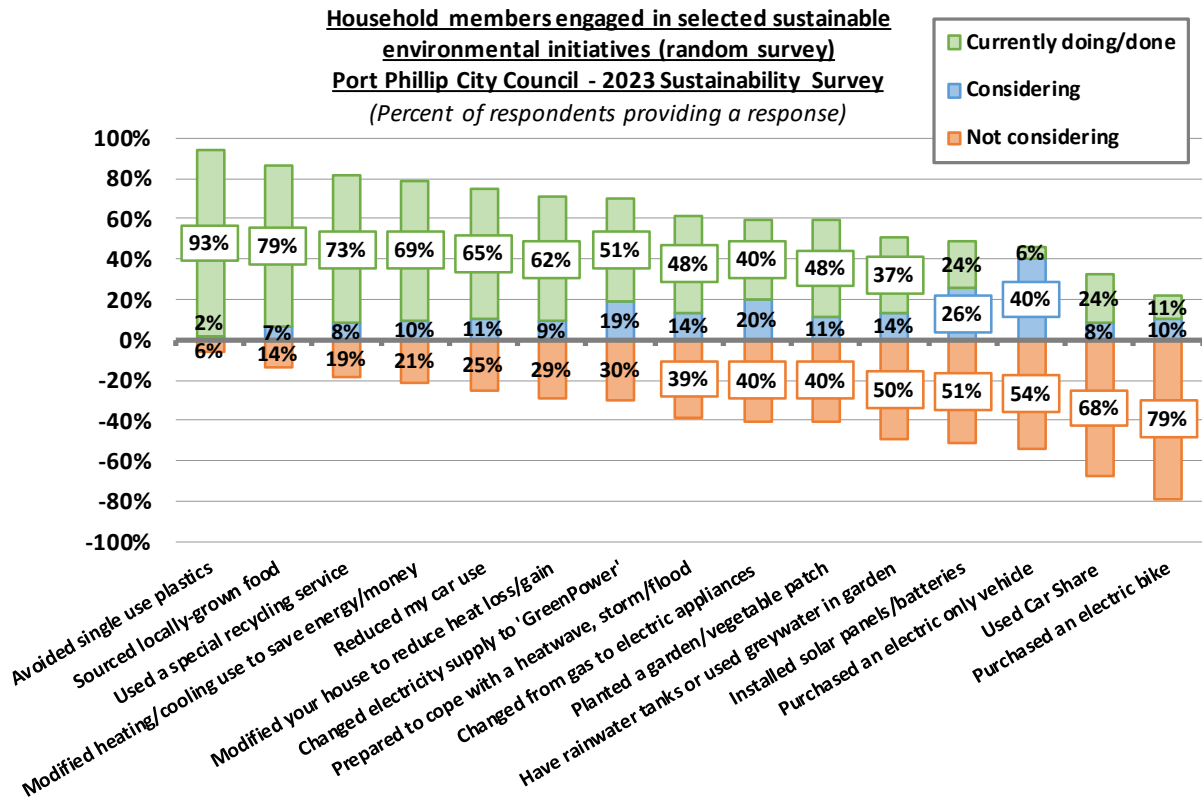
Metropolis Research notes that a substantial proportion of random sample respondents were considering within the next five years purchasing an all-electric vehicle (40%) and installing solar panels / batteries (26%). These are significant proportions suggesting potentially quite large increases in the uptake for these important changes in the medium term, even if only a proportion of these respondents actually follow-through with a purchase over the next five years.

The self-selected online survey respondents were notably to significantly more likely than the random sample survey respondents to report that they were already doing each of these actions, with the sole exception of using a car share service (with 24% of random sample and just 21% of online survey respondents).

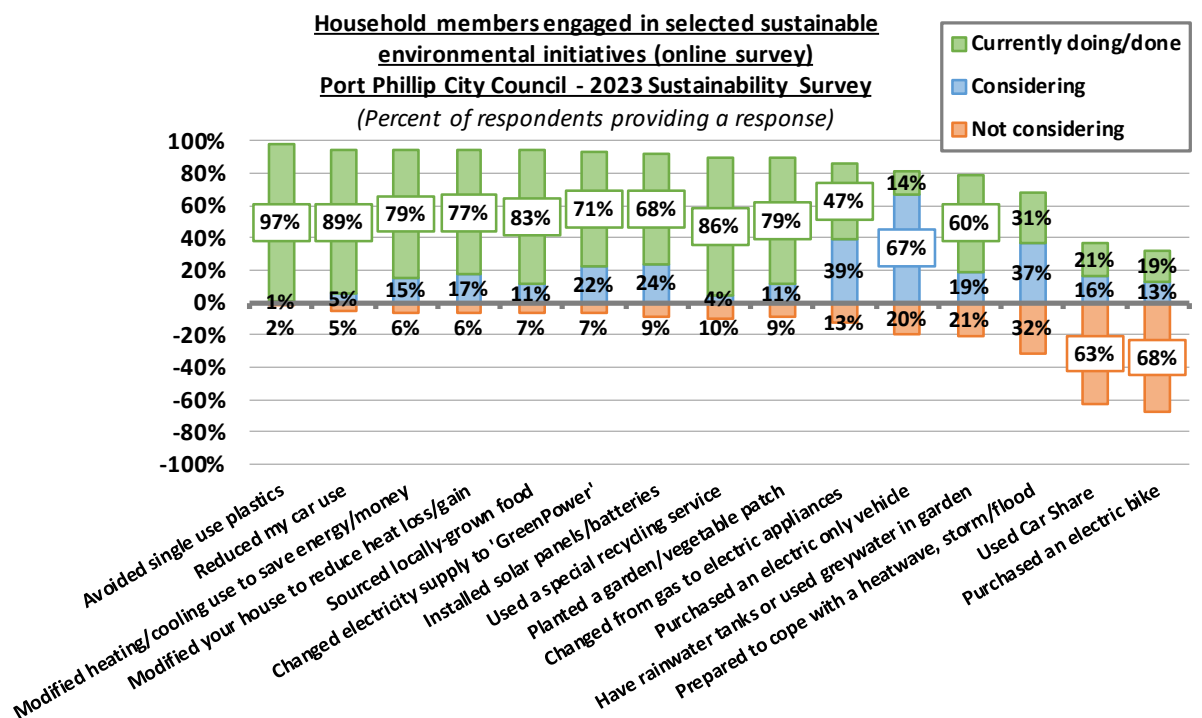
The variation in the results between the random sample and the self-selected online survey respondents for participation in these environmental initiatives reinforces the finding from the research that the online survey respondents reflect those in the community who are sufficiently engaged in these environmental issues to proactively take steps to participate in the research. It is to be expected therefore that this sub-group in the community will be more likely to engage in environmentally friendly initiatives than the underlying community.

The current and potential future behaviour of the underlying Port Phillip community in relation to participation in these environmental initiatives is reflected in the results to the random sample survey.





Metropolis Research draws attention to the 67% of self-selected online survey respondents who reported that they were considering purchasing an all-electric vehicle within the next five years. Whilst all these respondents are unlikely to follow through with this action, it does highlight the large potential future demand for all-electric vehicles over the medium term.



Household members engaged in selected sustainable environmental initiatives
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent of respondents providing a response)

Action	Survey	Currently doing/done		Considering 5 years	Not considering	Can't say
		Number	Percent			
Installed solar panels and/or batteries	Random	88	24%	26%	51%	27
	Online	54	68%	24%	9%	135
Reduced my car use	Random	237	65%	11%	25%	33
	Online	115	89%	5%	5%	86
Purchased an electric only car (not a hybrid)	Random	23	6%	40%	54%	23
	Online	12	14%	67%	20%	128
Purchased an electric bike	Random	41	11%	10%	79%	34
	Online	21	19%	13%	68%	103
Used Car Share (instead of running my own car)	Random	90	24%	8%	68%	27
	Online	25	21%	16%	63%	95
Used a special recycling service (e.g., for e-waste)	Random	268	73%	8%	19%	34
	Online	106	86%	4%	10%	92
Avoid single use plastics (e.g. using your own re-useable coffee cup, taking your own shopping bags)	Random	354	93%	2%	6%	20
	Online	139	97%	1%	2%	71
Sourced locally-grown food (e.g., from your garden, a community garden, or Farmers' Market)	Random	299	79%	7%	14%	23
	Online	109	83%	11%	7%	83
Prepared a plan for your household to cope with a heatwave, storm, or flood	Random	170	48%	14%	39%	45
	Online	31	31%	37%	32%	115
Have rainwater tanks or used greywater in the garden	Random	131	37%	14%	50%	42
	Online	53	60%	19%	21%	126
Modified heating or cooling use to save energy and / or money	Random	249	69%	10%	21%	41
	Online	90	79%	15%	6%	101
Changed your electricity supply to 'GreenPower' or renewable energy	Random	170	51%	19%	30%	68
	Online	89	71%	22%	7%	89
Changed from gas to electric appliances (e.g., hot water, stove)	Random	145	40%	20%	40%	38
	Online	47	47%	39%	13%	116
Modified your house to reduce heat loss/gain (e.g., draught proofing, installed insulation, blinds)	Random	217	62%	9%	29%	48
	Online	86	77%	17%	6%	103
Planted a garden or vegetable patch	Random	173	48%	11%	40%	43
	Online	93	79%	11%	9%	98

Installed solar panels and/or batteries

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the installation of solar panels and / or batteries observed, as follows:

- ***Somewhat more likely to be doing / done*** – included respondents from St Kilda West and online survey respondents.
- ***Somewhat more likely to not be considering*** – included respondents from Ripponlea, St Kilda, and St Kilda Road.

Installed solar panels and/or batteries
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

<i>Precint / profile</i>	<i>Currently doing/done</i>	<i>Considering 5 years</i>	<i>Not considering</i>	<i>Can't say</i>
Online Survey	68%	24%	9%	135
Albert Park	22%	51%	26%	3
St Kilda West	36%	34%	30%	0
Elwood	30%	35%	35%	5
Middle Park	31%	30%	39%	2
St Kilda East	26%	34%	40%	0
Balaclava	31%	19%	50%	2
Random Survey	24%	26%	51%	27
Port Melbourne	18%	28%	55%	3
South Melbourne	31%	14%	55%	4
St Kilda Road	18%	19%	63%	2
St Kilda	14%	19%	67%	5
Ripponlea	31%	0%	69%	1
Families household	31%	30%	38%	9
Group household	16%	23%	61%	4
Sole person household	9%	16%	75%	3
Couple only household	24%	28%	48%	7
Owner	33%	25%	42%	12
Mortgagor	26%	38%	35%	2
Renter	10%	12%	78%	10
Separate detached house	38%	31%	31%	11
Semi-detached house	28%	36%	36%	6
Low-rise flat, unit, apartment	9%	16%	76%	6
High-rise flat, unit, apartment	17%	15%	68%	2
Random Survey	24%	26%	51%	27
Online Survey	68%	24%	9%	135



Reduced my car use

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in reducing car use observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from Balaclava, St Kilda, and online survey respondents.
- **Somewhat more likely to not be considering** – included respondents from St Kilda East.

Reduced my car use
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Online Survey	89%	5%	5%	86
Balaclava	75%	12%	13%	0
St Kilda	83%	3%	14%	1
St Kilda West	56%	23%	20%	0
Elwood	63%	14%	23%	4
Random Survey	65%	11%	25%	33
South Melbourne	70%	4%	26%	6
Albert Park	58%	16%	27%	3
St Kilda Road	53%	20%	27%	3
Port Melbourne	53%	18%	29%	7
Ripponlea	71%	0%	29%	0
Middle Park	69%	0%	31%	2
St Kilda East	46%	2%	51%	4
Families household	65%	16%	20%	6
Group household	83%	7%	10%	0
Sole person household	67%	5%	28%	4
Couple only household	58%	9%	33%	18
Owner	60%	11%	29%	13
Mortgagor	63%	14%	24%	6
Renter	73%	8%	19%	9
Separate detached house	65%	13%	22%	8
Semi-detached house	61%	12%	27%	4
Low-rise flat, unit, apartment	75%	9%	16%	8
High-rise flat, unit, apartment	51%	10%	39%	8
Random Survey	65%	11%	25%	33
Online Survey	89%	5%	5%	86

Purchased an electric only car (not a hybrid)

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in purchase of an all-electric vehicle observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from Middle Park and online survey respondents.
- **Somewhat more likely to not be considering** – included respondents from South Melbourne, Balaclava, St Kilda West, and St Kilda Road.

Purchased an electric only car (not a hybrid)
Port Phillip City Council - 2023 Sustainability Survey
 (Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Online Survey	14%	67%	20%	128
Albert Park	4%	67%	29%	2
Elwood	10%	46%	45%	4
Port Melbourne	4%	47%	49%	5
Middle Park	29%	18%	53%	2
Random Survey	6%	40%	54%	23
St Kilda	5%	41%	54%	1
St Kilda East	2%	42%	56%	3
Ripponlea	0%	41%	59%	0
South Melbourne	3%	34%	63%	4
Balaclava	10%	27%	63%	0
St Kilda West	0%	35%	65%	0
St Kilda Road	5%	30%	66%	1
Families household	6%	47%	46%	5
Group household	3%	57%	41%	0
Sole person household	6%	26%	68%	2
Couple only household	7%	36%	57%	12
Owner	5%	36%	59%	10
Mortgagor	8%	48%	44%	4
Renter	4%	38%	57%	6
Separate detached house	7%	46%	47%	6
Semi-detached house	5%	44%	51%	4
Low-rise flat, unit, apartment	5%	35%	60%	5
High-rise flat, unit, apartment	7%	30%	63%	4
Random Survey	6%	40%	54%	23
Online Survey	14%	67%	20%	128



Purchased an electric bike

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in purchase of an electric bike observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from St Kilda West and Ripponlea.
- **Somewhat more likely to not be considering** – respondents from none of the precincts were notably less likely.

Purchased an electric bike
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precinct / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
St Kilda West	26%	20%	54%	0
Ripponlea	29%	12%	59%	0
Middle Park	17%	16%	67%	3
Online Survey	19%	13%	68%	103
Port Melbourne	12%	15%	73%	8
St Kilda East	12%	15%	74%	1
Albert Park	10%	12%	78%	6
Random Survey	11%	10%	79%	34
St Kilda Road	9%	11%	80%	2
Elwood	12%	7%	81%	6
St Kilda	11%	5%	84%	2
Balaclava	7%	8%	84%	0
South Melbourne	7%	8%	85%	6
Families household	11%	11%	77%	6
Group household	10%	12%	79%	3
Sole person household	9%	7%	84%	1
Couple only household	14%	12%	74%	19
Owner	12%	10%	78%	16
Mortgagor	9%	14%	77%	6
Renter	12%	7%	81%	7
Separate detached house	12%	12%	76%	11
Semi-detached house	9%	10%	81%	6
Low-rise flat, unit, apartment	7%	13%	80%	6
High-rise flat, unit, apartment	21%	3%	76%	6
Random Survey	11%	10%	79%	34
Online Survey	19%	13%	68%	103

Used Car Share (instead of running my own car)

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in the use of a car share scheme observed, as follows:

- ***Somewhat more likely to be doing / done*** – included respondents from Balaclava.
- ***Somewhat more likely to not be considering*** – included respondents from Middle Park, St Kilda West, and Ripponlea.

Used Car Share (instead of running my own car)
Port Phillip City Council - 2023 Sustainability Survey
 (Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Balaclava	48%	0%	52%	2
St Kilda Road	18%	21%	61%	2
Online Survey	21%	16%	63%	95
St Kilda	30%	6%	64%	3
Elwood	27%	7%	66%	7
Port Melbourne	20%	13%	68%	3
Random Survey	24%	8%	68%	27
Albert Park	19%	12%	69%	2
St Kilda East	26%	2%	72%	0
South Melbourne	25%	0%	75%	4
Middle Park	11%	11%	78%	2
St Kilda West	0%	20%	80%	0
Ripponlea	13%	0%	87%	1
Families household	25%	8%	68%	8
Group household	26%	20%	54%	2
Sole person household	17%	5%	79%	1
Couple only household	28%	9%	64%	9
Owner	24%	7%	69%	8
Mortgagor	13%	9%	78%	7
Renter	36%	9%	56%	7
Separate detached house	24%	8%	68%	7
Semi-detached house	20%	7%	74%	3
Low-rise flat, unit, apartment	24%	14%	62%	10
High-rise flat, unit, apartment	34%	1%	65%	3
Random Survey	24%	8%	68%	27
Online Survey	21%	16%	63%	95



Used a special recycling service

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in purchase of an all-electric vehicle observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from Ripponlea, St Kilda East, and online survey respondents.
- **Somewhat more likely to not be considering** – included respondents from none of the precincts.

Used a special recycling service
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precinct / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Ripponlea	100%	0%	0%	5
Online Survey	86%	4%	10%	92
St Kilda East	84%	4%	12%	0
Albert Park	66%	21%	13%	2
Elwood	74%	13%	14%	4
Random Survey	73%	8%	19%	34
Balaclava	77%	5%	19%	0
Port Melbourne	75%	7%	19%	7
St Kilda	73%	7%	20%	3
Middle Park	52%	26%	22%	2
South Melbourne	74%	4%	22%	8
St Kilda Road	75%	2%	24%	1
St Kilda West	64%	10%	26%	0
Families household	69%	12%	19%	5
Group household	69%	9%	22%	6
Sole person household	76%	9%	15%	9
Couple only household	78%	4%	18%	9
Owner	76%	8%	16%	14
Mortgagor	71%	9%	21%	3
Renter	73%	8%	19%	12
Separate detached house	78%	10%	13%	9
Semi-detached house	68%	6%	26%	7
Low-rise flat, unit, apartment	76%	6%	18%	8
High-rise flat, unit, apartment	70%	10%	19%	5
Random Survey	73%	8%	19%	34
Online Survey	86%	4%	10%	92

Avoid single use plastics

There was no notable variation in these results observed across the municipality by precinct.

Avoid single use plastics
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

<i>Precinct / profile</i>	<i>Currently doing/done</i>	<i>Considering 5 years</i>	<i>Not considering</i>	<i>Can't say</i>
Albert Park	100%	0%	0%	2
Ripponlea	100%	0%	0%	3
St Kilda West	100%	0%	0%	0
St Kilda	99%	0%	1%	0
Online Survey	97%	1%	2%	71
Balaclava	98%	0%	2%	0
Middle Park	97%	0%	3%	2
Elwood	93%	4%	4%	4
Random Survey	93%	2%	6%	20
South Melbourne	90%	2%	8%	3
St Kilda East	91%	0%	9%	0
Port Melbourne	85%	4%	11%	4
St Kilda Road	89%	0%	11%	1
Families household	94%	2%	4%	3
Group household	93%	2%	5%	0
Sole person household	97%	1%	2%	4
Couple only household	90%	2%	8%	7
Owner	96%	0%	4%	6
Mortgagor	95%	2%	3%	2
Renter	87%	3%	10%	7
Separate detached house	95%	3%	3%	5
Semi-detached house	96%	0%	5%	1
Low-rise flat, unit, apartment	93%	0%	7%	6
High-rise flat, unit, apartment	87%	4%	9%	2
Random Survey	93%	2%	6%	20
Online Survey	97%	1%	2%	71



Sourced locally grown food

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in sourcing locally grown food observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from Elwood, Albert Park, Balaclava, St Kilda West, and St Kilda East.
- **Somewhat more likely to not be considering** – included respondents from St Kilda Road and Ripponlea.

Sourced locally-grown food
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Elwood	89%	8%	2%	6
Albert Park	97%	0%	3%	3
Balaclava	94%	2%	4%	0
Middle Park	73%	21%	5%	2
St Kilda West	95%	0%	5%	0
St Kilda East	95%	0%	6%	0
Online Survey	83%	11%	7%	83
South Melbourne	78%	9%	13%	3
Random Survey	79%	7%	14%	23
St Kilda	68%	12%	20%	0
Port Melbourne	72%	7%	22%	4
St Kilda Road	71%	4%	25%	2
Ripponlea	59%	0%	41%	3
Families household	77%	8%	15%	5
Group household	64%	11%	25%	3
Sole person household	82%	6%	12%	2
Couple only household	86%	6%	8%	8
Owner	82%	6%	13%	10
Mortgagor	80%	9%	11%	5
Renter	76%	7%	17%	5
Separate detached house	73%	10%	17%	10
Semi-detached house	82%	8%	11%	2
Low-rise flat, unit, apartment	82%	5%	13%	4
High-rise flat, unit, apartment	87%	5%	9%	2
Random Survey	79%	7%	14%	23
Online Survey	83%	11%	7%	83

Prepared a plan for your household to cope with a heatwave, storm, or flood

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in preparing a plan for their household to cope with a heatwave, storm, or flood event observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from St Kilda West.
- **Somewhat more likely to not be considering** – included respondents from Albert Park, St Kilda Road, and Ripponlea.

Prepared a plan for your household to cope with a heatwave, storm, or flood

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
St Kilda West	84%	0%	16%	0
Balaclava	44%	25%	31%	2
St Kilda East	54%	15%	32%	2
St Kilda	49%	19%	32%	6
Online Survey	31%	37%	32%	115
Middle Park	44%	21%	35%	5
South Melbourne	55%	10%	36%	8
Port Melbourne	54%	8%	38%	5
Random Survey	48%	14%	39%	45
Elwood	37%	20%	43%	10
Albert Park	35%	18%	47%	2
St Kilda Road	44%	4%	53%	1
Ripponlea	17%	8%	74%	3
Families household	51%	16%	33%	6
Group household	41%	10%	49%	7
Sole person household	38%	17%	45%	9
Couple only household	48%	11%	41%	17
Owner	57%	10%	34%	17
Mortgagor	47%	19%	34%	7
Renter	36%	14%	51%	17
Separate detached house	54%	17%	29%	12
Semi-detached house	56%	4%	40%	10
Low-rise flat, unit, apartment	42%	13%	45%	11
High-rise flat, unit, apartment	33%	19%	48%	6
Random Survey	48%	14%	39%	45
Online Survey	31%	37%	32%	115



Have rainwater tanks or used greywater in the garden

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in having a rainwater tank or use greywater in the garden observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from Middle Park, St Kilda West, and Ripponlea, and online survey respondents.
- **Somewhat more likely to not be considering** – included respondents from Port Melbourne, and St Kilda Road.

Have rainwater tanks or used greywater in the garden

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Online Survey	60%	19%	21%	126
Middle Park	53%	19%	28%	7
St Kilda West	54%	15%	31%	0
Elwood	45%	15%	41%	8
St Kilda East	41%	17%	42%	0
Albert Park	32%	24%	44%	3
Ripponlea	55%	0%	45%	3
Balaclava	36%	18%	46%	0
Random Survey	37%	14%	50%	42
St Kilda	31%	19%	50%	3
South Melbourne	41%	3%	56%	8
Port Melbourne	25%	17%	58%	5
St Kilda Road	36%	1%	63%	4
Families household	45%	15%	40%	9
Group household	14%	26%	59%	3
Sole person household	24%	16%	60%	9
Couple only household	40%	9%	50%	16
Owner	51%	10%	39%	19
Mortgagor	35%	19%	46%	6
Renter	19%	13%	68%	13
Separate detached house	57%	16%	28%	14
Semi-detached house	28%	19%	54%	6
Low-rise flat, unit, apartment	24%	7%	69%	10
High-rise flat, unit, apartment	24%	14%	62%	7
Random Survey	37%	14%	50%	42
Online Survey	60%	19%	21%	126

Modified heating or cooling use to save energy and / or money

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in modifying heating or cooling use to save energy and / or money observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from St Kilda West.
- **Somewhat more likely to not be considering** – included respondents from Ripponlea.

Modified heating or cooling use to save energy and / or money

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
St Kilda West	100%	0%	0%	0
Online Survey	79%	15%	6%	101
Middle Park	69%	24%	7%	3
St Kilda East	74%	12%	14%	0
Albert Park	71%	15%	15%	3
South Melbourne	72%	11%	17%	5
Balaclava	72%	11%	17%	0
Random Survey	69%	10%	21%	41
Port Melbourne	72%	6%	23%	8
St Kilda	68%	7%	25%	5
Elwood	61%	12%	27%	9
St Kilda Road	66%	7%	27%	3
Ripponlea	26%	12%	62%	5
Families household	73%	8%	19%	9
Group household	64%	14%	22%	5
Sole person household	59%	12%	29%	11
Couple only household	71%	10%	19%	10
Owner	79%	10%	11%	17
Mortgagor	66%	12%	22%	6
Renter	60%	6%	34%	14
Separate detached house	79%	11%	11%	13
Semi-detached house	64%	12%	24%	8
Low-rise flat, unit, apartment	64%	8%	28%	10
High-rise flat, unit, apartment	67%	6%	27%	5
Random Survey	69%	10%	21%	41
Online Survey	79%	15%	6%	101

Changed your electricity supply to 'GreenPower' or renewable energy

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in purchase of an all-electric vehicle observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from St Kilda West, Middle Park, South Melbourne, and online survey respondents.
- **Somewhat more likely to not be considering** – included respondents from St Kilda Road and Ripponlea.

Changed your electricity supply to 'GreenPower' or renewable energy

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
St Kilda West	80%	20%	0%	1
Online Survey	71%	22%	7%	89
Middle Park	66%	18%	17%	4
South Melbourne	74%	7%	19%	13
Albert Park	52%	27%	21%	3
St Kilda East	54%	21%	26%	2
Balaclava	33%	38%	29%	2
Random Survey	51%	19%	30%	68
St Kilda	47%	21%	33%	4
Elwood	48%	19%	33%	16
Port Melbourne	49%	18%	33%	10
St Kilda Road	40%	13%	47%	6
Ripponlea	0%	17%	83%	6
Families household	52%	17%	31%	20
Group household	26%	20%	53%	7
Sole person household	43%	29%	28%	19
Couple only household	59%	18%	23%	17
Owner	52%	20%	29%	30
Mortgagor	63%	20%	18%	15
Renter	39%	18%	43%	19
Separate detached house	50%	21%	29%	20
Semi-detached house	62%	17%	22%	10
Low-rise flat, unit, apartment	49%	22%	29%	23
High-rise flat, unit, apartment	44%	13%	43%	8
Random Survey	51%	19%	30%	68
Online Survey	71%	22%	7%	89

Changed from gas to electric appliances

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in changing from gas to electric appliances observed, as follows:

- ***Somewhat more likely to be doing / done*** – included respondents from Ripponlea, St Kilda East, and St Kilda.
- ***Somewhat more likely to not be considering*** – included respondents from St Kilda Road.

Changed from gas to electric appliances
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Ripponlea	74%	17%	8%	3
Online Survey	47%	39%	13%	116
St Kilda East	50%	29%	20%	1
Middle Park	26%	50%	24%	4
St Kilda West	49%	26%	25%	0
Albert Park	32%	37%	31%	3
St Kilda	50%	13%	37%	1
Balaclava	31%	29%	40%	2
Random Survey	40%	20%	40%	38
South Melbourne	48%	12%	41%	10
Elwood	28%	28%	45%	7
Port Melbourne	39%	12%	48%	6
St Kilda Road	31%	12%	58%	2
Families household	41%	25%	35%	6
Group household	38%	21%	41%	4
Sole person household	39%	17%	44%	10
Couple only household	39%	17%	44%	12
Owner	45%	16%	39%	19
Mortgagor	41%	31%	28%	5
Renter	32%	14%	54%	9
Separate detached house	49%	25%	26%	14
Semi-detached house	28%	23%	49%	9
Low-rise flat, unit, apartment	38%	15%	46%	6
High-rise flat, unit, apartment	40%	11%	49%	3
Random Survey	40%	20%	40%	38
Online Survey	47%	39%	13%	116

Modified your house to reduce heat loss / gain

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in modifying their home to reduce heat loss / gain observed, as follows:

- **Somewhat more likely to be doing / done** – included respondents from South Melbourne and online survey respondents.
- **Somewhat more likely to not be considering** – included respondents from Ripponlea, St Kilda Road, Elwood, and Balaclava.

Modified your house to reduce heat loss/gain
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Currently doing/done	Considering 5 years	Not considering	Can't say
Online Survey	77%	17%	6%	103
Albert Park	64%	29%	8%	4
Middle Park	69%	21%	11%	4
South Melbourne	79%	8%	13%	15
St Kilda	67%	8%	25%	1
St Kilda West	73%	0%	27%	0
St Kilda East	69%	3%	28%	0
Port Melbourne	64%	7%	29%	6
Random Survey	62%	9%	29%	48
Ripponlea	26%	33%	41%	3
St Kilda Road	54%	4%	42%	3
Elwood	45%	10%	45%	10
Balaclava	45%	3%	53%	2
Families household	63%	11%	26%	11
Group household	38%	17%	46%	7
Sole person household	53%	11%	36%	10
Couple only household	69%	5%	26%	15
Owner	74%	8%	18%	24
Mortgagor	70%	11%	20%	8
Renter	38%	9%	53%	12
Separate detached house	69%	10%	21%	17
Semi-detached house	72%	11%	18%	14
Low-rise flat, unit, apartment	54%	8%	38%	8
High-rise flat, unit, apartment	46%	7%	48%	4
Random Survey	62%	9%	29%	48
Online Survey	77%	17%	6%	103

Planted a garden or vegetable patch

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in planting a garden or vegetable path observed, as follows:

- ***Somewhat more likely to be doing / done*** – included respondents from St Kilda West, Albert Park, St Kilda East, and online survey respondents.
- ***Somewhat more likely to not be considering*** – included respondents from St Kilda and St Kilda Road.

Planted a garden or vegetable patch
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

<i>Precint / profile</i>	<i>Currently doing/done</i>	<i>Considering 5 years</i>	<i>Not considering</i>	<i>Can't say</i>
Online Survey	79%	11%	9%	98
St Kilda West	61%	19%	20%	0
Albert Park	70%	8%	22%	2
St Kilda East	65%	12%	22%	1
Middle Park	54%	24%	23%	4
Balaclava	35%	31%	34%	0
Elwood	56%	9%	35%	11
Random Survey	48%	11%	40%	43
Ripponlea	59%	0%	41%	3
South Melbourne	37%	21%	43%	9
Port Melbourne	51%	3%	46%	6
St Kilda	40%	8%	52%	5
St Kilda Road	39%	6%	55%	3
Families household	55%	12%	33%	6
Group household	39%	3%	58%	7
Sole person household	40%	8%	52%	11
Couple only household	48%	15%	37%	12
Owner	56%	10%	34%	17
Mortgagor	47%	14%	38%	6
Renter	38%	10%	52%	14
Separate detached house	65%	14%	21%	11
Semi-detached house	53%	9%	38%	13
Low-rise flat, unit, apartment	25%	12%	63%	10
High-rise flat, unit, apartment	42%	9%	49%	4
Random Survey	48%	11%	40%	43
Online Survey	79%	11%	9%	98



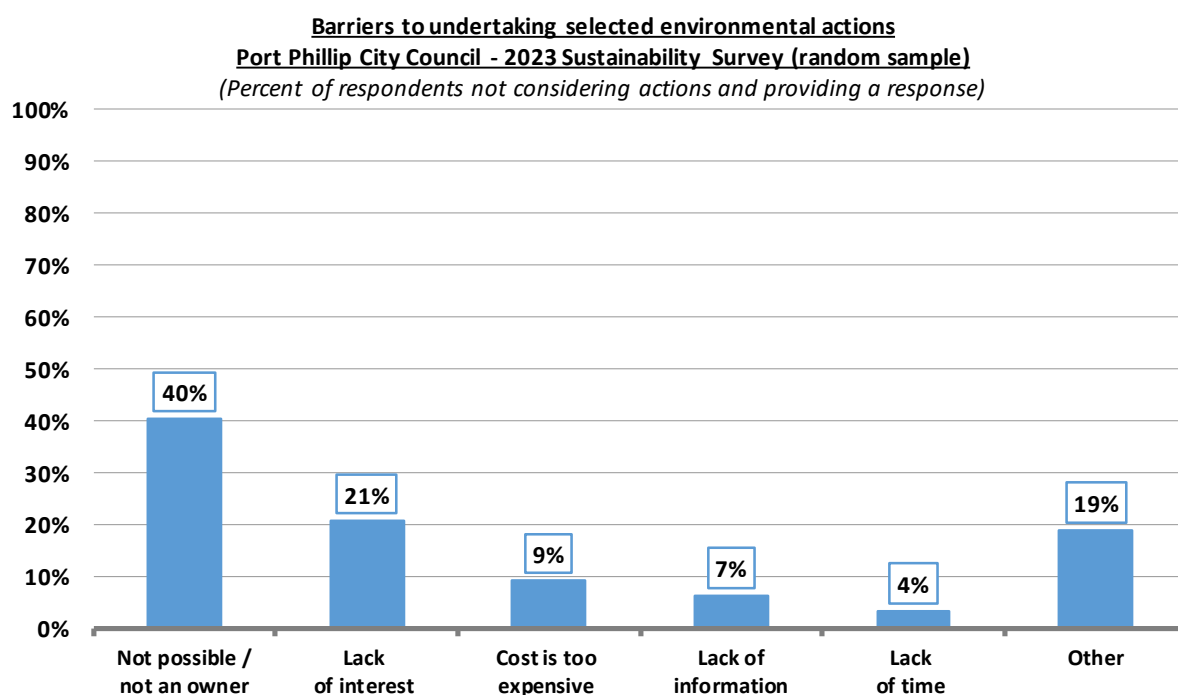
Barriers to participating in environmental initiatives

Respondents who were not already doing or considering engaging in the environmental actions were asked to nominate the main barriers to them undertaking these actions.

The two most common barriers to the random sample respondents undertaking these environmental actions were that they believed it was not possible or was not possible because they did not own their dwelling (40%) and a lack of interest (21%).

Metropolis Research draws attention to the relatively small proportion of respondents who reported that they were not undertaking these environmental actions because of cost, a lack of information, or a lack of time.

These results do strongly suggest that for some of these environmental actions, the main barriers to more people in the community participating is not necessarily due to factors that can be readily influenced, such as providing additional information, or subsidising costs. One of the major barriers to increased participation remains a lack of interest by those in the community who are not already doing or considering doing these environmental actions.



The following table provides a breakdown of the barriers to undertaking each of the 15 environmental actions for the random sample survey respondents.

Clearly, a significant proportion of random sample respondents thought it was not possible (e.g., because they were not the property owner) to undertake many of these initiatives, with cost being a significant barrier to purchasing an all-electric vehicle, and a lack of interest being a significant barrier to reducing personal car use, purchasing an all-electric vehicle, purchasing an electric bike, using a car share scheme, avoiding single use plastics, sourcing locally grown food, and preparing a plan to cope with extreme weather.



Barriers to undertaking the selected environmental actions

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of respondents not considering environmental actions and providing a response)

Barrier	Installed solar panels and/or batteries	Reduced my car use	Purchased an electric only car (not a hybrid)	Have rainwater tanks or used greywater in the garden	Modified heating or cooling use to save energy / money
Lack of information	2%	1%	1%	1%	4%
Cost is too expensive	8%	0%	42%	4%	9%
Lack of time	1%	9%	0%	3%	2%
Lack of interest	7%	23%	22%	7%	14%
Not possible / not an owner	71%	41%	18%	61%	54%
Other	11%	26%	17%	23%	18%
Not stated	13	17	25	19	18
Total	190	91	202	177	75

Barrier	Changed electricity to 'GreenPower' or renewable energy	Purchased an electric bike	Used Car Share (instead of running my own car)	Used a special recycling service	Changed from gas to electric appliances
Lack of information	14%	2%	5%	37%	4%
Cost is too expensive	13%	11%	2%	7%	10%
Lack of time	6%	3%	1%	5%	3%
Lack of interest	14%	50%	50%	17%	16%
Not possible / not an owner	37%	18%	23%	17%	48%
Other	16%	17%	20%	17%	18%
Not stated	13	55	54	9	17
Total	99	286	252	68	145

Barrier	Modified house to reduce heat loss or gain	Planted a garden or vegetable patch	Avoid single use plastics	Sourced locally-grown food	Prepared a plan to cope with heatwave, storm, flood
Lack of information	0%	3%	0%	17%	9%
Cost is too expensive	7%	1%	11%	5%	13%
Lack of time	2%	2%	0%	12%	6%
Lack of interest	7%	8%	37%	21%	19%
Not possible / not an owner	69%	66%	32%	21%	29%
Other	16%	21%	21%	24%	24%
Not stated	13	25	2	10	21
Total	103	144	21	52	137

Reasons for not having solar panels

Respondents were asked:

“If you don’t have solar panels on your home, what are all reasons why you don’t?”

A total of 266 (85%) of the random sample survey respondents who did not currently have solar panels on their home nominated a reason why they don’t have them installed, along with 59% of the self-selected online survey respondents.

The main reasons why respondents to both surveys who did not currently have solar panels installed, did not have them were that they were renting (29% and 21% respectively), that they live in an apartment / it would be too hard (27% and 20%), and the perception that it is too expensive (22% and 9%).

Reasons for not having solar panels on your home

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents who didn’t have solar panels)

Response	Random		Online	
	Number	Percent	Number	Percent
I’m renting	89	29%	34	21%
I live in apartment / would be too hard	84	27%	33	20%
Its too expensive	70	22%	14	9%
Time poor, no time to organise	34	11%	3	2%
It’s not worth it	27	9%	2	1%
Shading / solar panels would not be effective	22	7%	10	6%
Apartment block does not have separate electricity meter boxes	17	5%	5	3%
I’ve never considered it	14	4%	1	1%
I’m not eligible for VIC government rebate	6	2%	6	4%
Heritage home - concern about permit process	5	2%	6	4%
Heritage home - affecting look of home as visible from the street	4	1%	11	7%
Other	18	6%	16	10%
Total responses	390		141	
<i>Respondents identifying at least one reason</i>	<i>266</i> <i>(85%)</i>		<i>95</i> <i>(59%)</i>	

Whilst cognisant of the small sample size at the precinct level, there was some variation observed across the municipality, with respondents from St Kilda Road, St Kilda, St Kilda East, Ripponlea, Balaclava, and Elwood more likely than average to not install because they are renting; respondents from St Kilda Road, St Kilda, and Balaclava more likely than average to not install due to living in an apartment / too hard; respondents from Middle Park, St Kilda East, and Ripponlea more likely to not install due to the cost; and respondents from Middle Park and St Kilda East more likely to not install due to being time poor.

Reasons for not having solar panels on your home by precinct

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents who didn't have solar panels)

Response	Port Melbourne	South Melbourne	Albert Park	Middle Park	St Kilda Road	St Kilda
I'm renting	20%	15%	0%	0%	38%	44%
I live in apartment / would be too hard	24%	13%	5%	0%	47%	39%
Its too expensive	22%	28%	24%	54%	6%	13%
Time poor, no time to organise	9%	18%	10%	23%	12%	3%
It's not worth it	13%	20%	0%	15%	12%	5%
Shading / solar panels would not be effective	9%	15%	10%	15%	6%	2%
Apartment block does not have separate electricity meter boxes	2%	5%	24%	0%	3%	6%
I've never considered it	2%	10%	0%	0%	6%	5%
I'm not eligible for VIC government rebate	2%	0%	0%	8%	0%	2%
Heritage home - concern about permit process	4%	0%	5%	0%	0%	0%
Heritage home - affecting look of home as visible from the street	0%	0%	0%	0%	0%	0%
Other	11%	10%	10%	0%	6%	2%
Total responses	63	53	19	15	46	74
<i>Respondents identifying at least one way</i>	41 (77%)	33 (82%)	16 (75%)	9 (68%)	33 (98%)	58 (94%)

Response	St Kilda East	Ripponlea	Balaclava	Elwood	St Kilda West	Random Survey
I'm renting	30%	100%	31%	36%	17%	29%
I live in apartment / would be too hard	30%	0%	44%	26%	17%	27%
Its too expensive	45%	33%	25%	19%	33%	22%
Time poor, no time to organise	25%	0%	13%	10%	17%	11%
It's not worth it	5%	0%	13%	0%	0%	9%
Shading / solar panels would not be effective	10%	0%	0%	2%	17%	7%
Apartment block does not have separate electricity meter boxes	0%	0%	0%	7%	0%	5%
I've never considered it	10%	0%	13%	2%	0%	4%
I'm not eligible for VIC government rebate	0%	0%	0%	5%	17%	2%
Heritage home - concern about permit process	0%	0%	6%	0%	0%	2%
Heritage home - affecting look of home as visible from the street	5%	0%	6%	2%	17%	1%
Other	5%	0%	19%	0%	0%	6%
Total responses	32	8	27	46	8	390
<i>Respondents identifying at least one way</i>	19 (96%)	6 (92%)	15 (97%)	31 (74%)	6 (100%)	266 (85%)

Ways to reduce water use and be water wise

Respondents were asked:

“Which, if any of the following do you do to reduce your water use and be water wise?”

Respondents were asked to nominate all the ways that they reduce water use and be water wise. A total of 349 (87%) of the random sample survey respondents, along with 98% of the self-selected online survey respondents nominated at least one way in which they saved water or were water wise, at an average of approximately four ways per respondent.

The most common ways in which the random sample respondents reduced water use or were water wise were taking shorter showers / use a shower timer (66%), only use washing machine / dishwasher when they have a full load (66%) and turning off taps when brushing teeth / cleaning (65%).

It is noted that the self-selected online survey respondents were notably more likely to engage in most of these water saving methods than the random sample respondents, again reflecting their greater level of engagement with sustainability issues.

Ways to reduce water use and be water wise
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent of total respondents)

Response	Random		Online	
	Number	Percent	Number	Percent
Take a shorter shower / use a shower timer	265	66%	138	64%
I only use washing machine / dishwasher when I have a full load	264	66%	181	84%
I turn the tap off when brushing my teeth / cleaning	259	65%	176	82%
I have water efficient appliances (e.g., Wels Star ratings)	184	46%	97	45%
I fix leaking taps straight away	171	43%	135	63%
I only fill the bath with as much water as needed	81	20%	33	15%
I use rainwater tank to water the garden	71	18%	56	26%
I have a native garden that doesn't require as much watering	62	16%	68	32%
I use a bucket to collect shower and / or bath water to use later (e.g., watering the garden)	32	8%	40	19%
My toilet uses water from other sources (e.g., a rainwater tank)	27	7%	17	8%
Other	1	0%	16	7%
Total responses	1,417		957	
<i>Respondents identifying at least one way</i>	<i>349</i> <i>(87%)</i>		<i>211</i> <i>(98%)</i>	

There was some variation in these results around ways to reduce water use and be water wise observed across the municipality, with attention drawn to the following variations of note:

- **Port Melbourne (64 respondents)** – respondents were somewhat more likely than average to take a shorter shower / use a shower timer.
- **Albert Park (26 respondents)** – respondents were somewhat more likely than average to take a shorter shower / use a shower timer, and only use washing machine / dishwasher when they have a full load.
- **St Kilda (71 respondents)** – respondents were somewhat more likely than average to have water efficient appliances, and to fix leaking taps straight away.
- **St Kilda East (27 respondents)** – respondents were somewhat more likely than average to only fill the bath with as much water as needed.
- **Ripponlea (8 respondents)** – respondents were somewhat more likely than average to have their toilet use water from other sources (e.g., a water tank).
- **Balaclava (22 respondents)** – respondents were somewhat more likely than average to take a shorter shower / use a shower timer, to turn off taps when brushing their teeth / cleaning, to fix leaking taps straight away, to have a native garden that doesn't require as much watering, and to use a bucket to collect shower and / or bath water to use later.
- **Elwood (58 respondents)** – respondents were somewhat more likely than average to use rainwater tank to water the garden.
- **St Kilda West (10 respondents)** – respondents were somewhat more likely than average to have water efficient appliances, and to use a bucket to collect shower and / or bath water to use later.



Ways to reduce water use and be water wise by precinct

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	Port Melbourne	South Melbourne	Albert Park	Middle Park	St Kilda Road	St Kilda
Take a shorter shower / use a shower timer	75%	57%	92%	50%	63%	63%
I only use washing machine / dishwasher when I have a full load	50%	68%	81%	67%	73%	70%
I turn the tap off when brushing my teeth / cleaning	58%	64%	69%	72%	51%	70%
I have water efficient appliances (e.g., Wels Star ratings)	50%	43%	46%	28%	27%	56%
I fix leaking taps straight away	39%	45%	42%	22%	39%	61%
I only fill the bath with as much water as needed	19%	20%	15%	11%	24%	25%
I use rainwater tank to water the garden	13%	13%	15%	17%	17%	14%
I have a native garden that doesn't require as much watering	22%	14%	4%	22%	22%	10%
I use a bucket to collect shower and / or bath water to use later	11%	13%	4%	6%	7%	6%
My toilet uses water from other sources (e.g., a rainwater tank)	6%	11%	0%	0%	7%	7%
Other	0%	0%	0%	0%	0%	1%
Total responses	217	195	94	54	136	273
<i>Respondents identifying at least one way</i>	56 (87%)	44 (79%)	26 (98%)	14 (78%)	35 (85%)	66 (92%)

Response	St Kilda East	Ripponlea	Balaclava	Elwood	St Kilda West	Random Survey
Take a shorter shower / use a shower timer	70%	75%	82%	53%	70%	66%
I only use washing machine / dishwasher when I have a full load	70%	13%	64%	71%	70%	66%
I turn the tap off when brushing my teeth / cleaning	74%	13%	86%	67%	50%	65%
I have water efficient appliances (e.g., Wels Star ratings)	44%	38%	41%	52%	70%	46%
I fix leaking taps straight away	48%	13%	64%	26%	40%	43%
I only fill the bath with as much water as needed	30%	0%	18%	16%	20%	20%
I use rainwater tank to water the garden	22%	0%	23%	31%	10%	18%
I have a native garden that doesn't require as much watering	19%	13%	27%	9%	20%	16%
I use a bucket to collect shower and / or bath water to use later	4%	13%	18%	5%	20%	8%
My toilet uses water from other sources (e.g., a rainwater tank)	0%	38%	5%	7%	10%	7%
Other	0%	0%	0%	0%	0%	0%
Total responses	102	16	96	196	38	1,417
<i>Respondents identifying at least one way</i>	25 (94%)	8 (95%)	20 (92%)	48 (84%)	8 (85%)	349 (87%)

Switching appliances from gas to electricity

Respondents were asked:

“If you have gas in your home currently, would you consider switching any of the following to electricity?”

Respondents were asked if they would consider switching their appliances from gas to electric.

It is noted that a significant proportion of both the random sample and the online survey respondents did not provide a response to these questions, and consistent with the other questions in this survey, these respondents have been excluded from the results, to focus attention on those who have a view about the issue.

Approximately half of the random sample survey respondents providing an answer and approximately three-quarters of the self-selected online survey respondents reported that they would consider switching their cooking stove, oven, heating, and how water system from gas to electric.

Up to approximately one-third of the random sample and up to approximately 10% of the self-selected online survey respondents providing an answer reported that they would not consider switching.

Consistent with the results to the other questions in this report, the variation in the results between the random sample respondents and the self-selected online survey respondents reinforces the fact that the random sample results reflect the views of the underlying Port Phillip community, whilst the online survey results reflect the views of the sub-set of the community who are sufficiently engaged in climate change and sustainability issues to proactively choose to take steps to participate in the research.

Consider switching appliances from gas to electricity
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Response	Cooking stove		Gas oven		Gas heating		Hot Water System	
	Random	Online	Random	Online	Random	Online	Random	Online
Yes	48%	76%	53%	81%	54%	71%	55%	74%
Maybe	19%	13%	18%	10%	19%	19%	17%	18%
No	33%	11%	29%	9%	27%	10%	28%	8%
Don't know / not stated	130	50	152	99	147	70	143	61
Total	400	215	400	215	400	215	400	215

These results strongly suggest that there is substantial community support for the concept of moving away from gas appliances over time, even though a substantial proportion in the community clearly have not turned their mind to the issue.

Cooking stove

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether respondents would consider switching to an electric cooking stove observed, as follows:

- **Somewhat more likely to consider** – included respondents from Ripponlea, Middle Park, St Kilda, and online survey respondents.
- **Somewhat more likely to not consider** – included respondents from South Melbourne, St Kilda East, and St Kilda Road.

Cooking stove
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Yes	Maybe	No	Don't know
Ripponlea	100%	0%	0%	0
Online Survey	76%	13%	11%	50
Middle Park	64%	24%	12%	4
St Kilda	63%	14%	23%	19
Balaclava	56%	19%	25%	5
St Kilda East	55%	11%	34%	9
St Kilda West	54%	23%	23%	5
Albert Park	52%	28%	20%	12
Random Survey	48%	19%	33%	130
South Melbourne	47%	9%	44%	14
Elwood	41%	25%	35%	25
Port Melbourne	29%	25%	45%	19
St Kilda Road	22%	26%	52%	18
Families household	61%	19%	20%	37
Group household	34%	50%	16%	11
Sole person household	42%	21%	37%	29
Couple only household	43%	8%	50%	46
Owner	41%	19%	41%	44
Mortgagor	49%	16%	36%	40
Renter	61%	21%	18%	41
Separate detached house	53%	15%	32%	51
Semi-detached house	52%	17%	31%	10
Low-rise flat, unit, apartment	49%	18%	33%	37
High-rise flat, unit, apartment	36%	24%	40%	26
Random Survey	48%	19%	33%	130
Online Survey	76%	13%	11%	50

Gas oven

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether respondents would consider switching to an electric oven observed, as follows:

- **Somewhat more likely to consider** – included respondents from Ripponlea, Middle Park, St Kilda, Albert Park, and online survey respondents.
- **Somewhat more likely to not consider** – included respondents from South Melbourne, St Kilda East, and St Kilda Road.

Gas oven

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Precint / profile	Yes	Maybe	No	Don't know
Ripponlea	100%	0%	0%	0
Online Survey	81%	10%	9%	99
Middle Park	68%	29%	3%	4
St Kilda	66%	9%	25%	24
Albert Park	63%	23%	14%	14
Random Survey	53%	18%	29%	152
South Melbourne	53%	8%	39%	19
Elwood	50%	19%	32%	24
Balaclava	47%	25%	29%	7
St Kilda West	47%	35%	18%	7
St Kilda East	41%	20%	39%	12
St Kilda Road	40%	19%	41%	21
Port Melbourne	39%	27%	34%	19
Families household	65%	17%	19%	48
Group household	40%	36%	24%	11
Sole person household	47%	21%	32%	29
Couple only household	48%	12%	40%	57
Owner	50%	14%	36%	56
Mortgagor	58%	17%	25%	45
Renter	55%	24%	22%	47
Separate detached house	62%	15%	24%	55
Semi-detached house	51%	21%	28%	17
Low-rise flat, unit, apartment	54%	19%	27%	43
High-rise flat, unit, apartment	37%	16%	47%	27
Random Survey	53%	18%	29%	152
Online Survey	81%	10%	9%	99



Gas heating

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether respondents would consider switching to electric heating observed, as follows:

- **Somewhat more likely to consider** – included respondents from Ripponlea, South Melbourne, St Kilda, and online survey respondents.
- **Somewhat more likely to not consider** – included respondents from St Kilda Road and Port Melbourne.

Gas heating
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Yes	Maybe	No	Don't know
Ripponlea	76%	0%	24%	0
South Melbourne	73%	0%	27%	18
Online Survey	71%	19%	10%	70
St Kilda	62%	19%	19%	22
St Kilda East	59%	16%	25%	12
Balaclava	55%	22%	23%	5
Random Survey	54%	19%	27%	147
St Kilda West	54%	23%	23%	5
Elwood	53%	17%	31%	26
Middle Park	49%	38%	13%	4
Albert Park	47%	40%	13%	13
St Kilda Road	38%	21%	42%	21
Port Melbourne	35%	25%	39%	20
Families household	59%	20%	21%	44
Group household	48%	48%	5%	16
Sole person household	46%	20%	34%	30
Couple only household	57%	10%	33%	50
Owner	47%	16%	37%	56
Mortgagor	56%	20%	24%	41
Renter	65%	20%	15%	46
Separate detached house	58%	14%	29%	56
Semi-detached house	59%	20%	21%	14
Low-rise flat, unit, apartment	53%	23%	25%	44
High-rise flat, unit, apartment	47%	15%	38%	25
Random Survey	54%	19%	27%	147
Online Survey	71%	19%	10%	70



Hot Water System

Whilst noting the relatively small sample size for some of these sub-groups, there was some variation in whether respondents would consider switching to electric hot water system, as follows:

- **Somewhat more likely to consider** – included respondents from Ripponlea, Albert Park, South Melbourne, and online survey respondents.
- **Somewhat more likely to not consider** – included respondents from Elwood, Port Melbourne, and St Kilda Road.

Hot Water System
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

<i>Precint / profile</i>	<i>Yes</i>	<i>Maybe</i>	<i>No</i>	<i>Don't know</i>
Ripponlea	100%	0%	0%	0
Online Survey	74%	18%	8%	61
Albert Park	69%	18%	13%	13
South Melbourne	64%	7%	29%	18
St Kilda	61%	14%	25%	17
St Kilda West	61%	26%	13%	6
Middle Park	59%	33%	8%	2
Random Survey	55%	17%	28%	143
Elwood	54%	10%	36%	28
Balaclava	52%	22%	26%	6
St Kilda East	40%	26%	34%	12
Port Melbourne	39%	24%	37%	20
St Kilda Road	36%	21%	43%	21
Families household	63%	21%	16%	43
Group household	45%	33%	23%	14
Sole person household	43%	17%	40%	31
Couple only household	56%	10%	35%	48
Owner	51%	12%	38%	55
Mortgagor	54%	23%	24%	41
Renter	63%	20%	18%	43
Separate detached house	59%	18%	23%	56
Semi-detached house	61%	19%	20%	11
Low-rise flat, unit, apartment	48%	18%	34%	42
High-rise flat, unit, apartment	43%	11%	46%	26
Random Survey	55%	17%	28%	143
Online Survey	74%	18%	8%	61



Reasons for not switching gas appliances to electric

Respondents were asked:

“If you would not consider switching your gas appliances for electric, what are all the reasons why, or barriers to changing?”

A total of 114 responses were received from the random sample respondents and 111 from the online survey respondents outlining the reasons why they would not consider switching from gas to electric appliances.

The verbatim comments underpinning these results are available on request.

The three most common reasons why the random sample respondents would not consider switching from gas to electric appliances were that their perception that gas was better or was their preferred option (30% of comments), the cost (18%), and that they were not convinced of the benefits or were not interested (12%).

These results do suggest some reticence on the part of the underlying community to embrace switching from gas to electric appliances that may not easily be changed with practical assistance.

The self-selected online survey respondents were more likely to nominate more practical reasons for not switching, including notably cost (23%), the fact that they were renting (19%), that the appliances were still in good working order or recently installed (13%), and the difficulty of the process (12%) as the main reasons.

Reasons for not switching from gas to electric appliances
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent of total respondents)

Response	Random		Online	
	Number	Percent	Number	Percent
Gas is better / preferred option	34	30%	6	5%
Cost	21	18%	25	23%
Not convinced / do not believe / not interested	14	12%	1	1%
Live in an apartment	8	7%	7	6%
Incentive / subsidy required	6	5%	1	1%
Renting / not my house	6	5%	21	19%
Old house / apartment	5	4%	0	0%
Appliances still in good condition / recently installed	5	4%	14	13%
Change process lengthy / difficult / not feasible	4	4%	13	12%
Time	3	3%	2	2%
General opposition	3	3%	0	0%
Lack of information / knowledge	2	2%	5	5%
Already installed	0	0%	8	7%
Other	3	3%	8	7%
Total	114	100%	111	100%



Local environmental activities

Factors that may encourage involvement in local environmental activities

Respondents were asked:

“Which of the following would encourage you to get involved in local environmental activities?”

Respondents were asked which of 10 factors (including “other”) would encourage them to get involved in local environmental activities.

Four-fifths (81%) of the random sample survey respondents and 90% of the self-selected online survey respondents nominated at least one factor that would encourage them to participate, at an average of a little more than four factors per respondent.

The three most common factors to encourage participation in local environmental activities by random sample respondents were more information about events and activities (63%), better access to information (60%), and better understanding of the local environment (43%).

Clearly, random sample survey respondents were most focused on information, suggesting a current limited knowledge about local environmental activities or knowledge of where or how to find the relevant information.

Factors that may encourage you to get involved in local environmental activities

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	Random sample		Online survey	
	Number	Percent	Number	Percent
More information about events and activities available	251	63%	107	50%
Easier access to information	239	60%	73	34%
Better understanding of the local environment	172	43%	80	37%
More events at different times of the day or at weekends	167	42%	74	34%
Being able to gain knowledge and learn skills	165	41%	96	45%
Free events	153	38%	80	37%
Being involved in a practical activity / Achieving something	110	28%	112	52%
Being able to meet like-minded people	108	27%	92	43%
Being able to be involved in collecting data for research (i.e., ‘citizen scientist’)	73	18%	73	34%
Other	13	3%	36	17%
Total responses	1,451		823	
<i>Respondents identifying at least one factor</i>	<i>322</i> <i>(81%)</i>		<i>193</i> <i>(90%)</i>	

The online survey respondents, by contrast, were most likely to nominate being involved in a practical way / achieving something (52%), more information (50%), and being able to gain knowledge and learn skills (45%). This practical focus of online respondents clearly reflects that this sub-group in the community is already more engaged in climate change and sustainability related issues, as they proactively took steps to participate in the research.

There was some variation in these results observed across the municipality, as well as by respondent profile, as follows:

- **South Melbourne (56 respondents)** – were somewhat more likely than average to nominate more events at different times, being able to gain knowledge and learn skills.
- **Albert Park (26 respondents)** – were somewhat more likely than average to nominate free events.
- **Middle Park (18 respondents)** – were somewhat more likely than average to nominate free events and being able to meet like-minded people.
- **St Kilda (71 respondents)** – were somewhat more likely than average to nominate easier access to information, better understanding of the local environment, being able to gain knowledge and learn skills, and free events.
- **Ripponlea (8 respondents)** – were somewhat more likely than average to nominate more information about events and activities, better understanding of the local environment, being able to meet like-minded people, and being able to get involved in collecting data for research.
- **Balaclava (22 respondents)** – were somewhat more likely than average to nominate easier access to information, being able to meet like-minded people, and being able to be involved in collecting data for research.
- **Young adults (aged 18 to 34 years)** – were somewhat more likely than average to nominate more information about events and activities, easier access to information, and being able to be involved in collecting data for research.
- **Middle-aged adults (aged 35 to 59 years)** – were somewhat more likely than average to nominate better understanding of the local environment, being able to gain knowledge and learn skills, being involved in practical activity / achieving something, and being able to meet like-minded people.
- **Female** – respondents were somewhat more likely than males to nominate more information about events and activities, and easier access to information.
- **English speaking household** – respondents were somewhat more likely than respondents from multilingual households to nominate better understanding of the local environment and more events at different times.
- **Multilingual household** – respondents were somewhat more likely than respondents from English speaking households to nominate more information about events and activities and being able to be involved in collecting data for research.
- **Households with a member with disability** – were somewhat more likely than other households to nominate easier access to information, free events, and being able to be involved in collecting data for research.



Factors that may encourage you to get involved in local environmental activities by precinct

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	Port Melbourne	South Melbourne	Albert Park	Middle Park	St Kilda Road	St Kilda
More information about events and activities available	52%	63%	62%	56%	63%	68%
Easier access to information	58%	59%	50%	61%	59%	72%
Better understanding of the local environment	34%	50%	42%	28%	27%	56%
More events at different times of the day or at weekends	28%	55%	46%	44%	41%	51%
Being able to gain knowledge and learn skills	27%	61%	35%	44%	37%	54%
Free events	31%	29%	50%	50%	29%	58%
Being involved in a practical activity / Achieving something	25%	27%	23%	33%	24%	32%
Being able to meet like-minded people	17%	27%	31%	50%	22%	30%
Being able to be involved in collecting data for research (i.e., 'citizen scientist')	11%	27%	15%	6%	22%	24%
Other	6%	2%	0%	6%	0%	4%
Total responses	184	224	93	68	132	318
<i>Respondents identifying at least one factor</i>	50 (78%)	42 (75%)	21 (82%)	16 (92%)	32 (78%)	65 (91%)

Response	St Kilda East	Ripponlea	Balaclava	Elwood	St Kilda West	Random Survey
More information about events and activities available	59%	100%	68%	67%	50%	63%
Easier access to information	52%	38%	86%	52%	40%	60%
Better understanding of the local environment	44%	75%	50%	45%	10%	43%
More events at different times of the day or at weekends	33%	38%	36%	43%	0%	42%
Being able to gain knowledge and learn skills	37%	50%	45%	33%	20%	41%
Free events	37%	13%	45%	40%	0%	38%
Being involved in a practical activity / Achieving something	26%	13%	23%	31%	20%	28%
Being able to meet like-minded people	26%	38%	41%	26%	10%	27%
Being able to be involved in collecting data for research (i.e., 'citizen scientist')	7%	38%	32%	12%	0%	18%
Other	4%	0%	0%	3%	0%	3%
Total responses	88	33	93	203	15	1,451
<i>Respondents identifying at least one factor</i>	21 (79%)	8 (95%)	19 (87%)	43 (74%)	5 (54%)	322 (81%)

Factors that may encourage you to get involved in local environmental activities by respondent profile

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of total respondents)

Response	Young adults	Middle-aged adults	Older adults	Male	Female
More information about events and activities available	67%	65%	49%	60%	64%
Easier access to information	66%	60%	51%	56%	62%
Better understanding of the local environment	39%	48%	39%	42%	43%
More events at different times of the day or at weekends	36%	48%	39%	43%	41%
Being able to gain knowledge and learn skills	38%	47%	36%	41%	41%
Free events	36%	45%	28%	38%	39%
Being involved in a practical activity / Achieving something	22%	38%	14%	27%	28%
Being able to meet like-minded people	26%	32%	18%	28%	26%
Being able to be involved in collecting data for research (i.e., 'citizen scientist')	24%	16%	15%	17%	19%
Other	0%	4%	5%	3%	4%
Total responses	478	718	255	682	751
<i>Respondents identifying at least one factor</i>	<i>118 (88%)</i>	<i>144 (81%)</i>	<i>60 (69%)</i>	<i>153 (80%)</i>	<i>165 (81%)</i>

Response	English speaking	Multi-lingual	With disability	Without disability	Random Survey
More information about events and activities available	59%	71%	57%	63%	63%
Easier access to information	59%	62%	70%	59%	60%
Better understanding of the local environment	45%	39%	48%	43%	43%
More events at different times of the day or at weekends	44%	38%	39%	42%	42%
Being able to gain knowledge and learn skills	42%	39%	43%	41%	41%
Free events	38%	38%	52%	38%	38%
Being involved in a practical activity / Achieving something	28%	27%	30%	27%	28%
Being able to meet like-minded people	27%	28%	22%	28%	27%
Being able to be involved in collecting data for research (i.e., 'citizen scientist')	17%	23%	26%	18%	18%
Other	4%	1%	4%	3%	3%
Total responses	1,013	438	88	1,363	1,451
<i>Respondents identifying at least one factor</i>	<i>221 (79%)</i>	<i>102 (85%)</i>	<i>17 (73%)</i>	<i>306 (81%)</i>	<i>322 (81%)</i>



Transport

Impact of climate change to ongoing transport choices

Respondents were asked:

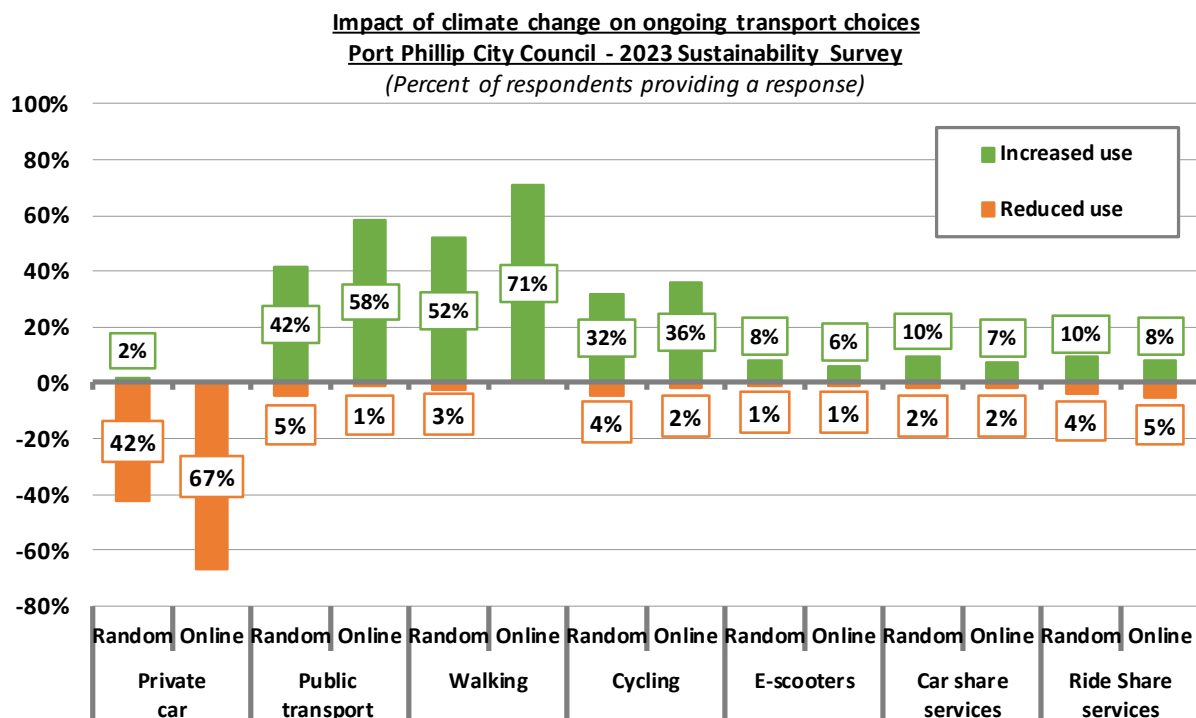
“What impact, if any, has climate change made to your ongoing transport choices?”

Respondents were asked what, if any, impact climate change has made to their ongoing transport choices.

Of the approximately 90% of random sample survey respondents who provided a response to this question, 52% reported that they have increased the amount of walking, 42% have increased their use of public transport, and 32% have increased the amount of cycling that they do, whilst 42% reported that they use their car (either as driver or passenger) less often.

Metropolis Research does advise a note of caution when interpreting these figures, as they reflect only the respondents’ subjective perception of the change in their behaviour and does not record actual changes in behaviour over time.

It can often be the case that with questions such as this, where there is an implied positivity about moving away from private car travel to more sustainable methods, that respondents can tend to over-estimate the degree to which they may have actually changed their behaviour.



Consistent with many of the results outlined in this report, the self-selected online survey respondents were significantly more likely to report that they have reduced their use of a private car (67%) and increased their walking (71%), their use of public transport (58%), and their cycling (36%).

Metropolis Research notes that 10% or less of both the random sample and the self-selected online survey respondents reported that they were using e-scooters, car share, or ride share services more often.

It is interesting to note that these results were very consistent between the random sample and the self-selected online survey respondents, suggesting that there is no significant increase in the use of these transport methods across the Port Phillip community.

Impact of climate change to your ongoing transport choices

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Response	Driving or passenger in my / our car		Public transport (trains, trams, buses)		Walking		Cycling	
	Random	Online	Random	Online	Random	Online	Random	Online
Increased use	2%	0%	42%	58%	52%	71%	32%	36%
About the same	50%	19%	47%	35%	44%	28%	38%	21%
Reduced use	42%	67%	5%	1%	3%	0%	4%	2%
Don't use	6%	14%	7%	5%	2%	1%	26%	41%
Not stated	35	8	34	8	35	7	35	13
Total	400	215	400	215	400	215	400	215

Response	E-scooters		Car share services		Ride Share services	
	Random	Online	Random	Online	Random	Online
Increased use	8%	6%	10%	7%	10%	8%
About the same	16%	3%	16%	8%	29%	28%
Reduced use	1%	1%	2%	2%	4%	5%
Don't use	75%	91%	72%	83%	57%	59%
Not stated	44	16	44	17	49	16
Total	400	215	400	215	400	215



Driving or passenger in my / our car

Whilst noting the small sample size for some of these sub-groups, there was some variation in change in personal car use observed, as follows:

- **Somewhat more likely to use more** – included respondents from no precinct or group.
- **Somewhat more likely to use less** – included respondents from St Kilda West, St Kilda, Middle Park, Balaclava, and online survey respondents.

Driving or passenger in my / our car
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precinct / profile	Increased use	About the same	Reduced use	Don't use	Not stated
Online Survey	0%	19%	67%	14%	8
St Kilda West	0%	42%	58%	0%	3
St Kilda	4%	30%	57%	10%	3
Middle Park	0%	43%	54%	3%	1
Balaclava	0%	47%	53%	0%	2
Albert Park	0%	50%	50%	0%	1
Random Survey	2%	50%	42%	6%	35
Elwood	0%	57%	41%	2%	9
Port Melbourne	2%	60%	38%	1%	7
South Melbourne	1%	58%	37%	5%	9
Ripponlea	0%	35%	36%	29%	0
St Kilda East	0%	50%	26%	25%	0
St Kilda Road	3%	65%	24%	8%	1
Young adults	2%	51%	39%	8%	6
Middle-aged adults	1%	48%	45%	7%	19
Older adults	2%	56%	41%	2%	10
Male	2%	53%	38%	7%	15
Female	1%	49%	45%	5%	20
English speaking	1%	51%	42%	6%	31
Multi-lingual	2%	49%	42%	7%	4
With disability	0%	32%	38%	31%	2
Without disability	2%	52%	42%	5%	33
Random Survey	2%	50%	42%	6%	35
Online Survey	0%	19%	67%	14%	8



Public transport (trains, trams, buses)

Whilst noting the small sample size for some of these sub-groups, there was some variation in change in public transport use observed, as follows:

- **Somewhat more likely to use more** – included respondents from Ripponlea, Balaclava, female respondents, and online survey respondents.
- **Somewhat more likely to use less** – included respondents from St Kilda West and Elwood.

Public transport (trains, trams, buses)
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Increased use	About the same	Reduced use	Don't use	Not stated
Ripponlea	71%	29%	0%	0%	0
Balaclava	63%	35%	3%	0%	2
Online Survey	58%	35%	1%	5%	8
Port Melbourne	50%	38%	4%	9%	7
Albert Park	48%	46%	5%	2%	1
St Kilda West	44%	28%	14%	14%	3
St Kilda	43%	48%	4%	5%	3
Random Survey	42%	47%	5%	7%	34
Middle Park	40%	29%	3%	28%	1
St Kilda Road	35%	56%	4%	5%	1
South Melbourne	34%	63%	2%	1%	7
St Kilda East	33%	55%	0%	13%	0
Elwood	32%	44%	13%	11%	9
Young adults	43%	48%	3%	5%	6
Middle-aged adults	37%	49%	5%	8%	20
Older adults	48%	39%	5%	8%	9
Male	38%	49%	5%	8%	14
Female	45%	45%	5%	6%	20
English speaking	42%	44%	6%	8%	30
Multi-lingual	40%	53%	1%	6%	5
With disability	48%	33%	7%	12%	2
Without disability	41%	48%	4%	7%	33
Random Survey	42%	47%	5%	7%	34
Online Survey	58%	35%	1%	5%	8

Walking

Whilst noting the small sample size for some of these sub-groups, there was some variation in change in walking observed, as follows:

- ***Somewhat more likely to use more*** – included respondents from St Kilda East, Balaclava, St Kilda West, Port Melbourne, and Middle Park, female respondents, respondents from English speaking households, respondents from households with a member with disability, and online survey respondents.
- ***Somewhat more likely to use less*** – included respondents from no precinct or sub-group.

Walking
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precinct / profile	Increased use	About the same	Reduced use	Don't use	Not stated
Online Survey	71%	28%	0%	1%	7
St Kilda East	69%	27%	4%	0%	0
Balaclava	67%	33%	0%	0%	2
St Kilda West	65%	35%	0%	0%	3
Port Melbourne	65%	33%	3%	0%	8
Middle Park	60%	40%	0%	0%	1
St Kilda	57%	41%	1%	0%	3
Albert Park	55%	45%	0%	0%	1
Random Survey	52%	44%	3%	2%	35
Elwood	52%	44%	5%	0%	9
South Melbourne	32%	60%	7%	0%	7
St Kilda Road	29%	57%	0%	15%	1
Ripponlea	12%	59%	0%	29%	0
Young adults	52%	42%	3%	4%	6
Middle-aged adults	55%	42%	2%	0%	20
Older adults	45%	49%	2%	4%	9
Male	45%	48%	3%	4%	14
Female	58%	40%	2%	0%	22
English speaking	55%	41%	4%	1%	30
Multi-lingual	46%	50%	0%	4%	5
With disability	62%	27%	0%	11%	2
Without disability	51%	45%	3%	2%	33
Random Survey	52%	44%	3%	2%	35
Online Survey	71%	28%	0%	1%	7



Cycling

Whilst noting the small sample size for some of these sub-groups, there was some variation in change in cycling observed, as follows:

- **Somewhat more likely to use more** – included respondents from Ripponlea, St Kilda West, and Middle Park.
- **Somewhat more likely to use less** – included respondents from Elwood.

Cycling
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precint / profile	Increased use	About the same	Reduced use	Don't use	Not stated
Ripponlea	71%	29%	0%	0%	0
St Kilda West	68%	32%	0%	0%	2
Middle Park	53%	38%	0%	10%	1
Balaclava	36%	38%	0%	27%	2
Online Survey	36%	21%	2%	41%	13
Port Melbourne	33%	33%	4%	30%	8
Albert Park	33%	25%	9%	33%	1
Random Survey	32%	38%	4%	26%	35
St Kilda	31%	36%	4%	29%	3
South Melbourne	29%	45%	2%	25%	7
St Kilda East	28%	44%	6%	22%	0
Elwood	26%	37%	13%	24%	9
St Kilda Road	20%	49%	0%	31%	2
Young adults	33%	41%	7%	19%	6
Middle-aged adults	37%	39%	3%	22%	19
Older adults	21%	31%	4%	44%	10
Male	32%	38%	6%	24%	13
Female	32%	39%	3%	27%	22
English speaking	32%	34%	5%	29%	30
Multi-lingual	32%	47%	3%	18%	5
With disability	33%	39%	5%	24%	33
Without disability	24%	15%	0%	60%	2
Random Survey	32%	38%	4%	26%	35
Online Survey	36%	21%	2%	41%	13

E-scooters

Whilst noting the small sample size for some of these sub-groups, there was some variation in change in e-scooter use observed, as follows:

- **Somewhat more likely to use more** – included respondents from Ripponlea, St Kilda West, and Middle Park, young adults (aged 18 to 34 years), male respondents, and respondents from English speaking households.
- **Somewhat more likely to use less** – included respondents from no precinct or sub-group.

E-scooters

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent respondents providing a response)

Precinct / profile	Increased use	About the same	Reduced use	Don't use	Not stated
Ripponlea	29%	29%	0%	42%	0
St Kilda West	14%	0%	0%	86%	3
Middle Park	14%	6%	0%	80%	1
St Kilda East	13%	14%	0%	73%	2
St Kilda Road	10%	14%	0%	76%	2
Elwood	10%	17%	7%	66%	11
Port Melbourne	8%	17%	0%	75%	14
Random Survey	8%	16%	1%	75%	44
St Kilda	6%	15%	0%	78%	3
Online Survey	6%	3%	1%	91%	16
South Melbourne	5%	27%	0%	68%	7
Albert Park	0%	12%	0%	88%	1
Balaclava	0%	2%	0%	98%	2
Young adults	11%	20%	2%	68%	10
Middle-aged adults	9%	14%	0%	77%	21
Older adults	2%	12%	2%	85%	13
Male	12%	18%	1%	69%	20
Female	4%	14%	1%	81%	25
English speaking	10%	15%	1%	74%	37
Multi-lingual	4%	17%	0%	79%	8
With disability	8%	16%	1%	75%	41
Without disability	5%	7%	0%	88%	4
Random Survey	8%	16%	1%	75%	44
Online Survey	6%	3%	1%	91%	16

Car share services

Whilst noting the small sample size for some of these sub-groups, there was some variation in change the use of car share services observed, as follows:

- **Somewhat more likely to use more** – included respondents from St Kilda East.
- **Somewhat more likely to use less** – included respondents from no precinct or sub-group.

Car share services
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent respondents providing a response)

Precinct / profile	Increased use	About the same	Reduced use	Don't use	Not stated
St Kilda East	24%	8%	2%	66%	2
Ripponlea	12%	29%	0%	59%	0
South Melbourne	12%	22%	2%	65%	7
Elwood	11%	17%	6%	66%	9
St Kilda	11%	15%	4%	71%	3
Random Survey	10%	16%	2%	72%	44
Port Melbourne	8%	19%	1%	72%	14
Albert Park	8%	7%	0%	85%	1
St Kilda Road	8%	26%	0%	66%	3
Online Survey	7%	8%	2%	83%	17
Middle Park	0%	20%	0%	80%	1
Balaclava	0%	0%	0%	100%	2
St Kilda West	0%	0%	0%	100%	3
Young adults	8%	23%	2%	67%	8
Middle-aged adults	11%	14%	2%	72%	21
Older adults	10%	8%	2%	80%	15
Male	8%	18%	2%	72%	19
Female	11%	15%	2%	72%	25
English speaking	11%	17%	3%	70%	36
Multi-lingual	8%	15%	1%	76%	8
With disability	10%	15%	2%	73%	42
Without disability	0%	35%	5%	60%	2
Random Survey	10%	16%	2%	72%	44
Online Survey	7%	8%	2%	83%	17

Ride Share services

Whilst noting the small sample size for some of these sub-groups, there was some variation in change in ride-share services observed, as follows:

- **Somewhat more likely to use more** – included respondents from St Kilda and respondents from households with a member with disability.
- **Somewhat more likely to use less** – included respondents from Albert Park.

Ride Share services
Port Phillip City Council - 2023 Sustainability Survey
 (Number and percent respondents providing a response)

Precint / profile	Increased use	About the same	Reduced use	Don't use	Not stated
St Kilda	16%	24%	8%	53%	4
Balaclava	14%	14%	0%	72%	2
St Kilda East	13%	55%	2%	31%	2
South Melbourne	12%	42%	2%	44%	7
Albert Park	11%	26%	13%	49%	3
Random Survey	10%	29%	4%	57%	49
Port Melbourne	8%	19%	0%	73%	14
Online Survey	8%	28%	5%	59%	16
Middle Park	7%	47%	0%	46%	1
Elwood	6%	17%	5%	72%	9
St Kilda Road	2%	34%	4%	60%	3
Ripponlea	0%	29%	0%	71%	0
St Kilda West	0%	40%	7%	54%	54
Young adults	12%	37%	5%	46%	11
Middle-aged adults	8%	29%	4%	60%	23
Older adults	10%	16%	2%	73%	15
Male	11%	30%	4%	55%	22
Female	9%	28%	3%	60%	26
English speaking	10%	32%	4%	54%	38
Multi-lingual	9%	22%	3%	66%	11
With disability	10%	28%	4%	58%	46
Without disability	0%	41%	8%	51%	3
Random Survey	10%	29%	4%	57%	49
Online Survey	8%	28%	5%	59%	16



Factors that may encourage using public transport, walk or cycle more often

Respondents were asked:

“What would be the most important thing that would encourage you to use public transport, or walk or cycle more often than you currently do?”

Public transport

There were 176 comments received from the random sample survey respondents as to factors that may encourage them to use public transport more often.

Many of these comments related to the cost of public transport, increase in services including frequency, improved safety, and improved accessibility.

As is outlined in the table, there were a range of other factors raised by a handful of respondents.

These comments have been left largely in verbatim format to provide more insight into the range of detailed issues raised by respondents.

Factors that may encourage additional public transport use
Port Phillip City Council - 2023 Sustainability Survey (random survey)
(Number of responses)

<i>Factor</i>	<i>Number</i>
Reduced cost / fair / price of public transport	34
Increased / better / more frequency of the services	23
Safety / more safety and security	10
Accessibility / more accessibility	7
Better / more public transport services	7
Easier / easy access to services	7
Better / more connecting services	5
More reliable services	5
Public transport should be free	5
Better / more bus service	4
Accessibility, in terms of more frequent options and to more destinations	3
Better transport options	3
Cleanliness	3
Extending free tram zone	2
Free trams	2
I use it a lot / often	2
Increased frequency of buses	2
Infrastructure around public transport	2
Not suitable / possible	2
Public transport / direct service to the Melbourne airport	2



Public transport should be convenient	2
Shorter travel time, 24-hour service	2
Time and carbon emission efficiency	2
Better Myki system	1
Buses are important, they do not have smart technology as navigation where I am in and traveling	1
Close to home	1
Closer accessibility to public transport stations	1
Closer bus stop	1
Don't enjoy it	1
Easier use (e.g., more clarity about tapping on and off)	1
Finish the metro tunnel	1
I cannot take the dog on the tram, so I would like to be able to do so. It should be more coherent since I can on the train	1
I can't since I need my car to work	1
I can't use tram as the step is too high and I can't use pram	1
I do it when I need to	1
I use it a lot, but buses could be less crowded	1
Increase frequency and cut out tram stops	1
Increased frequency, double the current number of electric buses	1
It is getting better, but is it expensive	1
It's not efficient enough and I still need to walk or take a taxi to my destination so more connected public transport would be helpful	1
Location of work	1
Maybe better tram timings as it would be more useful to have trams that come on time	1
More accessibility for the disabled	1
More connecting bus services	1
More co-working spaces in local area	1
More frequency of trams	1
More frequent bus services in Elwood	1
More high tax on burning fossil fuels	1
More services and less people	1
More stops	1
More stops closer to where I live	1
More tram services on the weekend	1
Not having to find the Myki card	1
Overcrowded	1
Parking in the city is expensive	1
Preference	1
Price of fuel	1
Public transport corridors	1
Punctuality	1
Quality of tram service	1
Special services should be more often	1
Traffic	1
Working from outside the house, activities outside the house	1
Total	176



Walking / cycling

There were 70 comments received from random sample survey respondents as to factors that may encourage additional walking and / or cycling. Many of these comments related to improvements to the cycling path network, including the separation from traffic, and other improvements to safety.

Factors that may encourage additional walking and / or cycling
Port Phillip City Council - 2023 Sustainability Survey (random survey)
(Number of responses)

<i>Factor</i>	<i>Number</i>
More bike / cycling tracks / paths	7
Separate bike lanes	5
I do it a lot already	4
More / better infrastructure	4
Safety	4
Better paths	3
Bike parking facilities	3
Cycling is dangerous and I don't want to fall off	3
Bike share services	2
Depends on the weather	2
Exercise / fitness	2
Footpaths in a good condition	2
More aesthetically pleasing routes	2
More cycling / bike lanes	2
More green areas / parks and more pathways for both cycling and walking, way too many new infrastructures	2
Nothing much since I walk everyday	2
Safe cycling route	2
Be fitter	1
Better structures and better connection	1
Closer shops to my house	1
Consistency of bike paths	1
Convenience	1
I do not have time, so no	1
I travel far so I never consider walking, cycling	1
If cycling was safer	1
If the tram gets too busy, then I will walk	1
Maintenance of local roads	1
Major concern is cycling along major truck roads and main because of inhaling pollution. Also bike lanes more connected to each other	1
Make Acland St a better street so people would shop there	1
More bike paths from Queens Rd to Fitzroy St	1
More cycling areas	1
More events on group cycling	1

More money for footpaths and facilities to walk, walking infrastructure. There should be separation between cycle and walking	1
More shade	1
Safer environment and cleaner roads	1
Traffic	1
Total	70

E-scooters

There were 15 comments received from random sample survey respondents as to factors that may encourage additional e-scooter use, with the most common being related to cost.

Factors that may encourage additional e-scooter use
Port Phillip City Council - 2023 Sustainability Survey (random survey)
(Number of responses)

<i>Factor</i>	<i>Number</i>
Reduce / subsidized price	4
Cycling is dangerous and I don't want to fall off	3
Allowing to use	1
Does not really make a difference for the environment	1
Exercise	1
I would not use it	1
Improve safety in terms of hazard protection	1
No	1
Safety	1
The public ones are expensive	1
Total	15

Online survey results

A total of 256 responses were received from the online survey respondents as to factors that may encourage them to use public transport, walk, cycle, or use e-scooters more often than they do currently.

This question was asked in the online survey as a single response question, which includes in one answer responses in relation to all of these sustainable transport methods.

The three most common factors that the online survey respondents feel may encourage additional sustainable transport use were related to better / more reliable / more frequent public transport services (18%), separation of cycling from traffic / more protected lanes / safer bike lanes (18%), reduced / subsidised cost of public transport, bicycles, and / or e-scooters (11%).



Important thing that would encourage to use public transport, walk or cycle more often
Port Phillip City Council - 2023 Sustainability Survey (online survey)
(Number of total responses)

Response	Online survey	
	Number	Percent
Better / more reliable / more frequent public transport	47	18%
Separate / protected / safer bike lanes	45	18%
Reduce / subsidized cost of public transport / bikes / e-scooters	29	11%
Already do it	28	11%
More / better cycling and walking paths	17	7%
Better health	9	4%
Driver / cyclist / e-scooter education and awareness	9	4%
Safety	9	4%
Better connectivity of public transport	7	3%
Bike parking / storage facilities	5	2%
More trees / greenery / shade	5	2%
Better / more routes	4	2%
Connectivity of bike trails	4	2%
Electric public / community transport	4	2%
15 - 20 min neighbourhood	3	1%
Accessibility for elderly, prams	3	1%
Better / more public transport shelters	3	1%
Better footpaths	3	1%
Better lighting	3	1%
Promotion and prioritisation of active transport	3	1%
Dogs to be allowed on public transport	2	1%
Regular public transport services at night	2	1%
More / better infrastructure	1	0%
Work from home options	1	0%
Other	10	4%
Total	256	100%

The following table outlines the verbatim responses received from the online survey respondents as to the factors that may encourage additional sustainable transport use.

Important thing that would encourage to use public transport, walk or cycle more often
Port Phillip City Council - 2023 Sustainability Survey (online survey)
(Number and percent of total responses)

Response	Number
<i>Better / more reliable / more frequent public transport</i>	
More frequent public transport	7
Increased reliability of public transport services	6
Better frequency for public transport	3
Higher frequency of trams	3



Cleaner public transport	2
Easy access to public transport	2
I would use public transport more often if it were more reliable	2
Public transport that is more integrated	2
A more reliable public transport system. It's quite outdated, unreliable, and crowded at peak hours in Melbourne	1
A tram link up Park St to Kings Way from the number 1 tram that connects to the tram up to St Kilda Rd. With the new station coming there I don't know why this stretch of tram track hasn't been put in	1
Better public transport between Elwood and South Melbourne / Port Melbourne / Albert Park (where I often go)	1
Better public transport services	1
Buses running through Elwood being reliably on time	1
Efficient public transport	1
Faster public transport travel times	1
Frequency and reliability of public transport, being able to afford to buy a home near well serviced public transport	1
I dearly wish we had a tram to Elwood as I can't rely on buses. I love trains and trams, but buses are always late	1
I would take the train more if it ran more often and it went around the city loop	1
I would use public transport more often if it had better options for travelling with a bike	1
If the number 16 tram were more reliable and more frequent	1
Improved service on 246 bus route - Punt Rd needs a dedicated transport lane (i.e., for buses, cars with multiple passengers etc) to try and improve reliability of service	1
More frequent trains	1
Priority bus lanes at peak times	1
Public transport - regular schedule and comfortability, ease of use	1
Public transport - the end of COVID I walk a lot	1
Really unreliable services. I haven't had a bus come on time this year but have only tried around 5 times. 2 didn't show up and 3 were 5-15 mins late	1
Reliable public transport is essential to increasing bike riding and walking	1
Timetable reliability - I live on a bus route and when taken the bus have waited over half an hour for it to arrive	1
Total	47

Separate / protected / safer bike lanes

Safer bike lanes / paths / roads	6
Safe dedicated / separated bike lanes / paths	4
Safer cycling lanes / routes	3
More safe bike lanes with separation from cars	2
Safe cycling infrastructure	2
Better and more and safer bike paths	1
Better, safer bike infrastructure (i.e., lanes separated by concrete from cars). Smarter decision making about shared roads e.g., Wellington St is now no longer a safe option for bikes since central trees and concrete were added	1
Bike tracks away from cars	1
Cycling is still very dangerous to cars, cyclists, and pedestrians	1
Cycling: make it even safer	1
Dedicated and wider cycle paths	1
Dedicated bike paths would increase the feeling of safety and choice to ride the bike	1
Dedicated cycling lanes, I already max out on public transport and walking	1



Feeling safe in getting from point A to point B. A lot of drivers aren't very mindful of cyclists on the road dangerously	1
Feeling safer when riding my bike	1
I gave up cycling years ago because it didn't feel safe with car drivers being so aggressive and / or oblivious to cyclists. I am now too 'senior' to consider it	1
I would cycle if we had safe, separated bike paths	1
I would love to ride my bike but there are not enough safe, off-road bike lanes	1
I would reconsider bicycling if I didn't have to share the spaces with cars	1
If I felt safer cycling on busy roads I would	1
If I were to cycle more, I would like to cycle on safe paths and not have to compete with cars and people who think it's a "speed trial". Gentle cycling is not easily found. Perhaps we could introduce the Dutch model of cycling. Please get the "hoon" cyclists off bike paths, or be creative and develop a speed path for fast riders	1
More and better separate bike lanes, especially in St Kilda, would make a real difference	1
More safety for bike lanes, I find it still quite unsafe to ride in Melbourne compared to Europe	1
No brainer. SAFE SEPARATED BIKE LANES. I've spent extended time in the Netherlands and NEVER felt unsafe on the road. Go there. Learn what they've done with urban road design. Replicate it here	1
Nothing as that is already what I do	1
Priority given to cycle paths rather than parking and 'aesthetics'	1
Proper segregated bike lanes on every road, be able to safely go anywhere a car can go	1
Safer bicycle options such as broadening the bike path along Beaconsfield Parade for competitive riders of which there seem to be many in CoPP	1
Safer car-free areas for biking	1
Safer cycling networks, including separated and protected lanes on main roads like City Rd, Montague St and Kerferd Rd	1
Separate cycle paths on busy routes especially as I often cycle with my children	1
Separated bike lanes on major roads	1
Separated bike lanes, and once that's in place removing the helmet laws	1
Total	45
<i>Reduce / subsidized cost of public transport / bikes / e-scooters</i>	
Free or cheaper public transport	17
A fairer system where everyone pays. The current system was designed for having conductors on trams. Put taxes up and have a free system	1
Anything that makes you feel you've saved money, made good use of your time or experienced less stress - while reducing your impact on the planet	1
Being able to rent a bike for a lower price. I don't own a bike currently because I don't have enough space for it. If I could rent a bike for a lower price (not necessarily electric bikes, just a normal bike), I would use it way more and that would encourage me to do more exercise	1
Cheaper e-scooter rates and more e-scooters available to use in my area	1
Free of charge public transport for senior citizens	1
Government owned and managed public transport at lowest cost - although we have good access and regular services in Port Melbourne	1
I would use public transport more often if it were cheaper	1
If Council negotiated a commonsense modification of the ticketing / fare collection system that provided free transport, perhaps outside peaks only, that enabled locals to move short distances around their home to discourage car use	1
If it were free / reduced cost for short trips. E.g., if trams were free (or reduced) to local shops less than 3 km away, I would use them instead of drive. Like they are free in CBD, also free for kids travelling to school	1



It should be free for anyone on a Centrelink benefit or the aged pension	1
Payment options for public transport: \$4.60 for a short trip is expensive, but sometimes required	1
The upcoming changes to the Myki system will be game changing. I currently find it difficult to keep track of my Myki, but when we can touch on and off with a credit card, I will use public transport more and ride share services less	1
Total	29
<i>Already do it</i>	
I pretty much only use public transport	4
I already do this / regularly use already	3
I already walk or use public transport as often as possible	2
Already use public transport at all opportunity and walk or cycle around the area	1
Don't know - I'm already cycling and walking as much as I can and use the car only when it's the only option (which happens infrequently)	1
Going into the city, don't like it, but when I go, I go by public transport	1
I already cycle and take public transport	1
I already cycle to work and walk every day	1
I already use these as my main form of transport. Safer cycling on busy roads would increase my confidence about cycling in the rain, at night and during peak times	1
I already use these options whenever I can	1
I already walk for 90% of my daily needs	1
I don't have, never had, and won't ever get a licence...I love trains and trams and have been using them daily for nearly 30 years	1
I have an escorted & bicycle to use instead of public transport	1
I predominantly use these methods of transport already	1
I use public transport and walk frequently already. I am scared of cycling on the road (and with good reason), I only cycle on bike paths. If there were more green tunnels through the city / area with bike paths I would cycle as a means of transport more	1
I use public transport when needed. Walking areas could be improved. Cycling is too dangerous because you are always competing with speed riders who terrify people and of course cars	1
I use trains and walking by preference; Cycling reduced with age	1
I walk anyway but removal of all barriers / disincentives to all pedestrians (and cyclists) would be a great investment. More shade, joined up walking routes, pedestrian priority at traffic lights, consistent accessibility (wheelchairs / prams / anyone with mobility limitations or aids), reduced vehicle speed and noise	1
I walk whenever I can. Bad weather can put me off, but my garden loves it!	1
I walk with a stick and take my dogs to Alma Park East. There is a bike path there. I don't walk on it. Fed up with bike riders using walking path, instead - been knocked over or told to move. I feel unsafe walking on the footpath because of bikes not using road	1
The best thing has been securing a job close to home so I can walk to work. I love it! Mostly I only use my car on the weekends or going to appointments. I think Melbourne's PT pretty good	1
Walk and cycle - our main form of transport	1
Total	28



<i>More / better cycling and walking paths</i>	
Better cycling infrastructure	2
Better bike infrastructure especially protected bike lanes on key routes	1
Better bike lanes - keep the current 'pop-up' lanes and extend them. I'd like the 'newer' disabled tram stops in Clarendon St and Park St [near intersection]	1
Better cycling infrastructure, and maybe more importantly: better education for drivers about the rights of cyclists and the increasing need for cycling structure if our society is going to be future proof. I have lived and cycled in other council areas in inner Melbourne over the last decade, and find that drivers in Port Phillip are much more hostile than anywhere else	1
Cool green, shaded, and safe walking and biking trails (separated bike lanes from traffic). Create biodiverse habitat trails that use median strips to link up with established parks and reserves, along with commercial centres for shopping and schools. The Danks St bio-links project creates the template and should be rolled out much more extensively and rapidly. Time for action is critical in a crisis. In extremely hot weather, you are far more likely to ride or walk if the trail is shaded rather than be exposed to blazing sun with hot and impermeable surfaces everywhere	1
Cycling infrastructure is pretty terrible in Australia	1
Fortunately, where I live, we have good public transport access (just found out how good the buses are), bike lanes and walking routes. I mainly only use my car for the main weekly shop and for going out of the city. I have always walked or cycled to work due to mainly keeping a healthy lifestyle and secondly to help reduce my emissions	1
Good walking and cycling paths	1
Infrastructure that quickly and efficiently gets me to the places that I need to go	1
More attractive walking trails - enhance / join up paths alongside rail lines (Green Line)	1
More bike tracks and lanes	1
More walking paths like the proposed Green Line	1
Please build out more bicycle infrastructure. We need more bike lanes!!!	1
Priority given to cycle paths rather than parking and 'aesthetics'	1
Properly designed, funded, safe and lasting infrastructure - not temporary or "pop up" plonked in the middle of the road	1
Well-designed bike lanes	1
Total	17
<i>Better health</i>	
Better / improved health!	2
A cure for the damage done to my knees by arthritis!	1
Better health! I'm limited in what I can do	1
Better personal health	1
I cannot walk more or ride a cycle than I do now because of physical issues. I use public transport as much as the system takes me	1
I have mobility problems lately so I'm mostly at home	1
My health as I suffer Osteoarthritis in both knees	1
NO COVID	1
Total	9



Driver / cyclist / e-scooter education and awareness

An education campaign for drivers so they all look out for cyclists	1
Drivers better educated about cyclists (tv campaign and road signage)	1
I could do most things on an eBike with my two small children on board but at present the roads are not safe. So, I drive	1
I don't know how to use public transport. If I go to the city, I go with my friends and organise carpool	1
I think drivers need more education on the rights of cyclists and the consequences of intimidating cyclists. Much of this applies to cyclists as well, particularly cyclists who train on shared paths and tend to endanger pedestrians or recreational riders by going too fast. Perhaps we need another velodrome or sometimes a "Fast" lane	1
I would love to get rid of my old petrol car. It would save me money and be better for the environment	1
More permanent and attractive outdoor seating near cafes and shops	1
Safe with kids e.g., safer cycle lanes	1
Stricter penalties and regulation for e-scooters to ensure biker riders and pedestrians are safe	1
Total	9

Safety

Safe / safety	5
E-bikes are often dangerous drivers as they don't obey by road rules and often stop suddenly while you are cycling behind them or weave in and out of traffic dangerously	1
Have safe bike paths, work with cyclists! Crossing the Nepean Hwy is way too dangerous for kids and elderly. There should be solutions to this: e.g., more stringent speed limits, better/safer crossings and ensuring kids can cross safely and independently	1
I'm too scared to bicycle because of the car traffic and aggressive drivers	1
Safe bike lanes would encourage me to ride my bike more	1
Total	9

Better connectivity of public transport

Connectivity and frequency of service to the places I need to go	2
Better connections throughout Melbourne. In and out of the city works well due to the train network, however no train connection between lines past the inner suburbs make public transport take as much or more time than driving	1
Better modal connections for public transport	1
Bus connections are not well received by the public, unfortunately good initial planning in Melbourne wasn't continued by those who inherited planning. Now costing far too much to fix to be considered by the Government. E.g., Train running north-south on eastern side of Melbourne, East-West across the top of Melbourne, an outer loop. Now all requiring a lot of land acquisition or expensive tunnel digging to build	1
Connectivity between different neighbourhoods without having to loop far for tram connections	1
Improved connections between different forms of public transport	1
Total	7



<i>Bike parking / storage facilities</i>	
Better lock up facilities for bikes	1
E-scooters available at all stations to take me to destination	1
More bike racks	1
Proper and convenient parking places for e-scooters and e-bikes, especially near public transport stops	1
Provide safe spaces to storage and ride bikes	1
Total	5
<i>More trees / greenery / shade</i>	
Better tree canopy cover over streets for shade	2
More canopy tree cover in the streets of Port Phillip would increase the number of times to walk on hot days	1
More canopy trees and shade when walking in hot summer would encourage me to walk more	1
Tree planting so walking is shady and delightful	1
Total	5
<i>Better / more routes</i>	
Accessibility and access (i.e., more routes)	1
Better bus routes	1
More bus routes and increased frequency of buses would be good. Trying to get from the main part of Port Melbourne to Docklands via public transport takes almost 45 mins but it's only 15 mins to cycle	1
More frequent and reliable public transport that is easy to use (route planning, ticketing, transferring, allows multimodal journeys etc) and connects my home with destinations	1
Total	4
<i>Connectivity of bike trails</i>	
We need clear and connected bike paths / lanes	2
Connectivity of safe cycling routes	1
More / easier connections to existing trails e.g., from Balaclava to Elwood Canal - Bay Trail	1
Total	4
<i>Electric public / community transport</i>	
Electric car share services	1
Electric public transport	1
Maybe more, free (electric) community buses to key areas e.g., shopping, libraries, doctors, and specialist services	1
Public transport - if the buses were electric	1
Total	4



<i>15 - 20 min neighbourhood</i>	
20 min neighbourhoods that has everything needed for daily life, more investment in suburbs that are "out" e.g., the West	1
More road closures to pedestrianize the municipality and make it a 15-minute city	1
Proactive, strategic, and effective communication countering far right opposition to 15 - minute cities	1
Total	3
<i>Accessibility for elderly, prams</i>	
Accessibility and ease of going around with a pram	2
Accessible trams / platforms for access with a pram	1
Total	3
<i>Better / more public transport shelters</i>	
Better shelter at the tram stops and train stations	1
Covered (shielded from rain and wind) areas available for waiting at stations, making walking to stations as sheltered as possible. Minimum disruption from flooding to public transport	1
If there were more covered shelters to wait for public transport (between bus / tram connecting services), I would be able to wait in my work clothes in bad weather	1
Total	3
<i>Better footpaths</i>	
Improve the quality of sidewalks	1
Improved conditions of footpaths, specifically at curbs and intersections, which can be difficult to navigate with a pram and are often cluttered with street signs and traffic lights to direct cars, at the expense of walkers	1
The footpaths in Balaclava do not encourage walking. In many streets you need to walk on the road to get to the Shopping Centre. This needs to change	1
Total	3
<i>Better lighting</i>	
I also think better lit streets could help some women feel more comfortable walking outside after dark	1
Lighting in paths and cycle paths and stations for trams and buses	1
Well-lit walking areas, where some businesses are late opening, so that, if necessary, I can seek help from them should I need to	1
Total	3



<i>Promotion and prioritisation of active transport</i>	
Active transport being prioritised by the Council to increase numbers of pedestrians and cyclist feeling seen and heard (not just on the road). Being a resident and part-time cyclist in Westbury St we have experienced the outcry of fellow residents about the 'eye sore and devaluation of property' of the trial bike path in Westbury St; arguments like 'devaluation of property, loss of off-site car parking, traffic congestion etc.' are impediment to climate change action and the effects will be felt by the larger community (not just individuals) in near future	1
Better active transport infrastructure and connectivity	1
More information from the Council about the health benefits of walking, particularly for the elderly and the positive impact it has on the environment	1
Total	3
<i>Dogs to be allowed on public transport</i>	
Dogs allowed on trams and buses	1
To further reduce my car use it would be very helpful if public transport would allow dogs on buses / trams / trains	1
Total	2
<i>Regular public transport services at night</i>	
Access to more regular services at night to reduce time waiting in the dark	1
I do use public transport more frequently, but it needs to be safer, especially at night	1
Total	2
<i>More / better infrastructure</i>	
Make traffic lights more pedestrian and public transport friendly. It's insane to have to wait at intersections for two minutes or more, only to get turning cars trying to run you over	1
Total	1
<i>Work from home options</i>	
More options to work from home, less need to travel	1
Total	1



<i>Other</i>	
Childcare availability	1
Having my sons living closer than they do	1
Means of carrying goods	1
My children actually caring about the environment and reducing their need to be driven all over Melbourne	1
My older car needs	1
Need local shops	1
Reduce my impact on climate change	1
Sell the car	1
The big build - it has made Melbourne a disaster to drive around	1
When I stop working	1
Total	10
Total	256



Respondent profile

The following section provides the demographic profile of respondents to the *Port Phillip City Council – 2023 Sustainability Survey*.

Age structure

The random sample survey data was weighted by age and gender to reflect the 2021 Census population profile of the Port Phillip community.

Along with the pre-weighting by suburb population, this weighting ensures that the results of the random sample survey reflect the views of the underlying Port Phillip community.

The self-selected online survey respondents represent the views of the sub-set of the community who were sufficiently engaged in climate change and sustainability issues to proactively take steps to participate in the research.

These online survey results cannot be read as representing the views of the Port Phillip community. In essence, the online survey results reflect the views of local climate change and sustainability related issues thought leaders, and not the broader underlying community.

It is noted that the pre-weighted random survey respondents somewhat under-represented younger adults (aged 18 to 34 years) and somewhat over-represented adults (aged 35 to 44 years). This is common to telephone surveys, where it can be difficult to have younger residents answer their telephones (including mobiles) when they do not recognise the number calling them.

The online survey respondents substantially under-represented young adults (aged 18 to 34 years) and significantly over-represented older adults (aged 60 to 74 years). This significant skew in the online survey results is likely to reflect both a greater engagement in sustainability issues with this age group, but also reflect the greater level of engagement of older adults (aged 60 to 74 years) with the local council, including visiting the Council website.

Age structure

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of respondents providing a response)

Age	2023 (unweighted)		2023 (weighted)	Online survey	
	Number	Percent		Number	Percent
Young adults (18 - 34 years)	66	17%	34%	19	9%
Adults (35 - 44 years)	174	44%	21%	46	22%
Middle-aged adults (45 - 59 yrs)	107	27%	23%	41	20%
Older adults (60 - 74 years)	44	11%	15%	74	35%
Senior citizens (75 yrs and over)	9	2%	7%	29	14%
Not stated	0		0	6	
Total	400	100%	400	215	100%



Gender

As stated above, the random sample survey results were weighted by age and gender to reflect the 2021 *Port Phillip* community profile.

Metropolis Research notes that the pre-weighted sample of random survey respondents included a good mix of gender identities, whilst the self-selected online survey respondents were heavily skewed towards respondents who identified as women / female.

Gender
Port Phillip City Council - 2023 Sustainability Survey
 (Number and percent of respondents providing a response)

Gender	2023 (unweighted)		2023 (weighted)	Online survey	
	Number	Percent		Number	Percent
Man / Male	188	47%	48%	59	30%
Woman / Female	208	52%	51%	138	69%
Non-binary	3	1%	1%	2	1%
Prefer to self-describe	0	0%	0%	0	0%
Prefer not to say / not stated	1		1	16	
Total	400	100%	400	215	100%

Diverse population groups

The random sample survey respondents were significantly more likely than the online survey respondents to speak a language other than English at home, but slightly less likely to live alone. The higher proportion of sole persons in the online sample reflects its older age.

Diverse population groups
Port Phillip City Council - 2023 Sustainability Survey
 (Number and percent of total respondents)

Response	Random		Online	
	Number	Percent	Number	Percent
Speak a language other than English at home	120	30%	38	18%
I live alone	52	13%	38	18%
LGBTIQA+	23	6%	14	7%
Consider myself financially disadvantaged	23	6%	8	4%
Person with disability	23	6%	9	4%
A carer	9	2%	13	6%
Aboriginal and / or Torres Strait Islander	4	1%	0	0%
Total responses	254		120	
<i>Respondents identifying at least one response</i>	<i>188</i> <i>(47%)</i>		<i>93</i> <i>(43%)</i>	

Household structure

The random sample survey respondents were sourced from a cross-section of household structures, including one-third families with children, one-third couple households without children, one-fifth sole person households, 10% group households, and four percent one parent families.

The online survey sample, however, was skewed towards couple households, reflecting the older age structure of the self-selected online survey respondents.

It is noted that both the random sample and the self-selected online survey data over-represented two-parent families, and under-represented sole person households.

Household structure
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent of respondents providing a response)

Structure	Random		Online		2021 census
	Number	Percent	Number	Percent	
Two parent family total	126	33%	53	26%	16%
youngest child 0 - 4 years	30	8%	10	5%	
youngest child 5 - 12 years	49	13%	11	5%	
youngest child 13 - 18 years	15	4%	11	5%	
adult children only	32	8%	21	10%	
One parent family	16	4%	15	7%	6%
youngest child 0 - 4 years	0	0%	3	1%	
youngest child 5 - 12 years	0	0%	0	0%	
youngest child 13 - 18 years	5	1%	3	1%	
adult children only	11	3%	9	4%	
Group household	37	10%	9	4%	7%
Sole person household	75	19%	41	20%	44%
Couple only household	129	34%	88	43%	26%
Extended or multiple families	2	1%	0	0%	1%
Not stated	15		9		
Total	400	100%	215	100%	48,732

Current housing situation

Both the random sample and the self-selected online survey data over-represent households that own their home outright and under-represent rental households.

This under-representation of rental households and over-representation of homeowners may well reflect differing levels of engagement by these groups with their local Council and perhaps their local sense of community.

This is hard to quantify, as it is important to bear in mind that the random sample survey included both landlines and mostly mobile phone numbers across the municipality, with which there would be no obvious sampling bias in the random sample of telephone numbers.

Current housing situation

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of respondents providing a response)

Situation	Random		Online		2021 census
	Number	Percent	Number	Percent	
Own this home	153	39%	126	60%	22%
Mortgage (<i>paying-off this home</i>)	116	30%	32	15%	26%
Private rental (<i>e.g., Real Estate Agent</i>)	112	29%	46	22%	48%
Renting public housing	9	2%	6	3%	5%
Not stated (and other)	10		5		4,054
Total	400	100%	215	100%	52,102

Dwelling type

Both the random sample and the self-selected online survey data over-represent households in separate detached houses and under-represents households in high-rise developments.

Similar to the housing situation results discussed above, this skew towards separate detached houses is likely to reflect the differing levels of engagement with these issues from those approached to participate, as the underlying random sample should not have a substantial skew towards any specific dwelling types.

Dwelling type

Port Phillip City Council - 2023 Sustainability Survey

(Number and percent of respondents providing a response)

Type	Random		Online		2021 census
	Number	Percent	Number	Percent	
A separate detached house	136	35%	44	21%	9%
A semi-detached, row, or terrace house	84	22%	76	36%	23%
Low-rise flat, unit, or apartment (<i>up to 4 storey</i>)	109	28%	75	35%	36%
High-rise flat, unit, or apartment	57	15%	17	8%	30%
Other	0	0%	0	0%	1%
Don't know / not stated	14		3		81
Total	400	100%	215	100%	48,726



General comments

A total of 115 general comments were received from the 400 random sample survey respondents, and 82 comments were received from the online survey respondents.

These general comments have been broadly categorised as outlined in the following table.

The most common issues raised by the online survey respondents related to waste management, general negative comments, comments about information and communication, and some comments on the survey itself.

The online survey respondents were focused on the survey itself, infrastructure, and sustainability and climate action.

General comments
Port Phillip City Council - 2023 Sustainability Survey
(Number and percent of total responses)

Response	Random		Online	
	Number	Percent	Number	Percent
Waste management	26	23%	5	6%
General negative	11	10%	0	0%
Information / Communication	9	8%	0	0%
Survey related	8	7%	14	17%
Bio-diversity / greenery / environment	7	6%	7	9%
Education	6	5%	2	2%
Sustainability / climate action	6	5%	10	12%
Infrastructure	5	4%	14	17%
Local economy / business	5	4%	0	0%
Subsidies / Incentives / Finance related	5	4%	4	5%
Planning / development	4	3%	2	2%
Water / sea related	4	3%	2	2%
Biking / walking	3	3%	6	7%
Consultation / Council management	2	2%	5	6%
General positive	2	2%	1	1%
Research	2	2%	1	1%
Disaster management	1	1%	0	0%
EcoCentre	0	0%	5	6%
Other	9	8%	4	5%
Total	115	100%	82	100%

The following tables outline the verbatim comments underpinning the summary results discussed above.



General comments

Port Phillip City Council - 2023 Sustainability Survey (random survey)

(Number of total responses)

Response	Number
<i>Waste management</i>	
Would be great if there could be a replacement system for the soft plastic recycling that was taken away / would love to have a soft plastics recycling option	5
We need better green waste collection service / green bins	4
A composting service would be great / is needed	3
Food waste service is a very good idea, the more we are asked to do on recycling the less we should pay, in order to incentivize people to do it	1
Happy about green bin system, it's a good example of how the Council incentives encourage participation from community	1
I am very grateful the FOGO bins rolled out to my place	1
I really like the Port Melbourne compost bins and glass recycling	1
Minimise anaerobic bacteria in landfill	1
More options for waste	1
More recycling bins around the city needed	1
Should be easier to recycling, we only have 2 bins, it is too little	1
So much rubbish in the beach is crazy, the Council should organize some sort of events for cleaning the beach and encourage people to be more careful on rubbish collection	1
Soft plastics need to be replaced	1
Still waiting for my green bin	1
The Council should roll out glass recycling at residents home not just in community areas	1
They should have a better recycling service for rubbish collection	1
We don't have glass recycling bins, and it is hectic to get to the glass recycling bin as it is 300 meters away	1
Total	26
<i>General negative</i>	
I don't believe in climate change	3
The Council should concentrate on their core services before this	2
I don't support government controlling citizens	1
I'd like to see a genuine, real commitment to sustainability without corruption	1
No answers I give is going to change what the Council is going to do, they would anyway do what they want	1
No big help from the Council in an emergency, the numbers are only available during working hours	1
The Council should stop wasting their time on this	1
The answer to these questions and decisions are more so based on convenience and availability over climate change	1
Total	11

<i>Information / Communication</i>	
Communicate more with the residents so we know the Council's plans and how we can get involved and contribute	2
Would love more communication with the community about sustainability initiatives / projects	2
Communicate better about sustainability policy and actions people can engage in sustainability	1
More information for residents on what the Council has planned or is doing, projects etc., at least every quarter (we never receive any information / pamphlets or anything)	1
Very poorly shared information about climate, the climate is changing, we do have responsibility, but I am not panicking. It is dangerous to act too much about it. I am more concerned about the Council doing work in biodiversity, which has a benefit	1
Would like to see where money is going and how it is being used before agreeing to changes (already find rates too high)	1
Would love to receive an update about any changes that will be made	1
Total	9

<i>Survey related</i>	
The survey is good / great	2
It would be much more effective if you provided the survey by email to residents to complete on their own to give more in detailed responses	1
Looking forward to seeing the results of the survey	1
Really appreciate that this survey is happening, I would love to see more environmental focus from the Council	1
Reword some of the questions	1
Survey could've been shorter	1
The Council is wasting money on this survey	1
Total	8

<i>Biodiversity / greenery / environment</i>	
The Council needs to plant and preserve more native trees and grow trees in general	2
Community gardens	1
Increase lawn mower height, for soil health and carbon dioxide capture	1
More green spaces needed. Many developments and not much green space left	1
Not using climate as a political tool, planting and allowing green spaces would be a better way to use their time	1
Plant more flower trees	1
Total	7



<i>Education</i>	
More education and resources are necessary	2
Need to provide regular education, advertisements and information about waste, i.e., recycling and hard rubbish	2
Green bins have been annoying because residents need education on it	1
Provide information on Owners Corporation and regulations	1
Total	6

<i>Sustainability</i>	
Being sustainable should be optional for each individual	1
From a local planning perspective, new homes need to be completely sustainable	1
Need to have a transition plan for people to make their homes more sustainable	1
Port Philip Council uses unsustainable merchandising companies	1
Public housing should be more sustainable (solar panels, appliances, heat efficient, etc)	1
To not impose sustainability requirements without considering individual needs / economic feasibility / space and use of property	1
Total	6

<i>Infrastructure</i>	
Better road infrastructure needed	1
Bus services are really unreliable, so more frequent services needed	1
Drains needs to be cleaned more for better nature growth	1
E-scooters are not allowed in our area. So, they need to make it available	1
We need more charging stations in the area	1
Total	5

<i>Local economy / business</i>	
Company called return contributes massively to encouraging sustainability in Port Philip and the Council should support the business	1
Council needs to focus on local businesses especially with current economy	1
Prioritise safety of residents and businesses	1
There needs to be more incentives for businesses to be more sustainable	1
We need more sustainable policies for single use plastic for businesses. Stop adding to plastic and use reusable things	1
Total	5



<i>Subsidies / Incentives / Finance related</i>	
Consider subsidising on electric appliances	1
Incentives would make people be more sustainable	1
More incentive for buildings to be more sustainable	1
Rebates and subsidies to encourage use of cloth nappies	1
If you help the environment, we can help you. In centre, it is less costly for them if we recycle right? They should reward us	1
Total	5
<i>Planning / Development</i>	
Architecture development should be more sustainable	1
Climate change is really has become a fashion, but people need to be more aware and actions need to be demonstrated. High-rise apartments are being built but still the Council is providing permit but what's the point of conducting survey like this	1
Overdevelopment	1
The Council should provide opportunities for apartment to be more climate friendly and make mandatory rules and regulations	1
Total	4
<i>Water / Sea related</i>	
One thing they should be doing pay attention to and put together some sort of plans for the problem of rising sea levels, it would be for best interest of everyone. I see that as the biggest risk	2
Better management of waterways	1
Poor plastic management in waterways	1
Total	4
<i>Biking / walking</i>	
A lot of people, more and more people. Not many walking paths anymore, a lot of stuff is being demolished	1
Better off-road bike trails connecting Port Philip to the city would significantly increase the use of cycles instead of cars	1
The Council needs to invest more in walking facilities	1
Total	3
<i>Consultation / Council management</i>	
Less talking, the Council should get more informed about what is actually happening	1
The Council should let all the comments be heard	1
Total	2



<i>General positive</i>	
Excellent focus on climate change by the Council	1
I like the idea of providing really practical advice for people, small to large tips that really help day to day mindsets	1
Total	2
<i>Research</i>	
Do further research for each of the questions based on recent facts	1
Everything that is being said to us about climate change is inappropriate	1
Total	2
<i>Disaster management</i>	
The Council should focus more on manmade disasters as opposed to natural and can't be controlled	1
Total	1
<i>Other</i>	
The Council should not be worrying about these things leave it to the state and federal government, focus on the basic things and not increase the rates	3
I just wish that they become more	1
No services to help older people change their houses	1
Poor opening hours for Port Melbourne town hall	1
The Council should consider activities suitable to climate considering public rental houses. How can we afford electricity gas or electric car?	1
The Council should seriously consider the suburb to suburb to develop an initiatives like solar panel, rainwater preservation not in individual	1
The tobacco shops in the area are selling illegal cigarettes, they do not pay taxes. They sell it 20 dollar and they only take cash, clearly something illegal going on	1
Total	9
Total	115



General comments
Port Phillip City Council - 2023 Sustainability Survey (online survey)
(Number of total responses)

<i>Response</i>	<i>Number</i>
<i>Infrastructure</i>	
I have an EV. We need more EV charging stations	2
Please provide access to community batteries / community charging stations	2
Also want the Council to invest in more solar panels or wind turbines on all public buildings, community housing, public housing	1
Electric vehicle charging and increased support for OCs or body corporates to introduce solar to roof tops for base building energy use and EV charging	1
I don't grow food in my house because I live in apartment	1
I only use a car for distance travel or carrying goods, and would like to know how this could be addressed by public / shared transport	1
More frequent public transport services	1
The Council can change all its petrol and diesel transport to electric by 2025 to lead the way	1
The Council needs to do much more to close roads and make the municipality more walkable by providing more dedicated routes for scooter / bicycles that are separated from traffic and pedestrians	1
The Council should install / promote more EV chargers - and make sure they are fast chargers	1
We do not have gas connection - but instead all electric, have solar panels and battery and energy from the grid from Momentum	1
We need more EV charging everywhere, petrol stations need to have EV charging now and EV's need to be cheaper smaller and more economical	1
Total	14
<i>Survey related</i>	
Thank you for the survey / opportunity to respond / community feedback	7
I look forward to seeing outcome and any initiatives from this	1
I really hope that you are serious about implementing the recommendations	1
One question did not make sense. Needed option "Not relevant for me" in more places. Biased toward single residences, as is so often the case! Who designs these things?	1
Several of these questions didn't really have my answers	1
Thanks for the opportunity to respond to this survey. These environmental issues are far and away the most important issues of our time	1
We have changed from gas BBQ to electric and also bought an electric lawn mower. There isn't a question relating to these actions	1
You need to test your survey. There are errors. But good on you for making it	1
Total	14



<i>Sustainability / climate action</i>	
The Council needs to concentrate on taking urgent action on the climate crisis	2
City of Port Phillip policies are too weak, often 'encouraging' rather 'mandating' action	1
Climate change is THE number one issue. All government bodies HAVE to be pro-active	1
I encourage the Council to continue recognising that there is a climate crisis and do everything it possibly can to address it	1
I sincerely hope to see the Council significantly improve its spending on renewable energy and greening the city	1
I urge the Council to treat the Climate Emergency with the extreme urgency that it warrants. Everything, big and small, that the Council can do is important	1
I would like the Council to produce a comprehensive Action plan for the Climate Emergency Declaration	1
The Council could offer a "Sustainability Audit" if residents were considering items such as solar or water tanks. I feel like I would be nervous to undertake such things as a private citizen because of the risk involved for such a large investment i.e., solar panels	1
The Council needs to be brave; it needs to look beyond political expediency, it needs to wake up to the urgency of the situation, it needs to invest in climate action. We are here and ready to support you!	1
Total	10
<i>Biodiversity / greenery / environment</i>	
Tree planting and habitat creation for threatened wildlife. Plant pollinating plants for native bees instead of grass on median strips for example	2
I'm most concerned about the biodiversity crisis. The Council should focus more on biodiverse planting with different plant layers to provide a richer habitat for fauna. Also, stop allowing old houses with well-established gardens to be ripped down	1
I'm very concerned about the loss of biodiversity and the role urban environments can play in helping support plants and animals and insects. I would actively support any initiatives in this area	1
More urgency with important programs like the Urban Forest	1
Replace grass in spaces and gardens with local indigenous plants	1
The heat island effect is not given high enough priority in decision making by the Council and private landowners when chopping down canopy trees	1
Total	7
<i>Biking / walking</i>	
Don't cycle as don't want to risk injury	1
I also ride a motorbike to reduce my carbon and physical footprint	1
I genuinely would use cycling infrastructure if it was made to the proper standard. It should be accessible and safe enough for kids to use. If you invest in this, City of Port Phillip will be the envy of Melbourne, I promise!	1
I would love to see separated bike lanes on Kerferd Rd. I think there is enough space!	1
More bike lines. More walking paths. Better footpath accessibility (and connectivity). Better tree canopy overactive transport corridors. User pays for shopping centre and on-street parking	1
There is insufficient support for cycling and insufficient investment in it	1
Total	6



<i>Consultation / Council management</i>	
Council needs to demonstrate leadership and act with its own facilities first, then work to encourage owners of commercial buildings to do the same	1
Find ways to work with the community on all these issues because they affect all of us and we should all be allowed to get involved and help alleviate in any way we can. It's not just up to the Council, so let's work together	1
I don't think that individuals can fundamentally make a difference to climate change - this is a policy issue, especially at state and federal levels. The Council should be involved in actively lobbying the State and Federal Governments and encouraging residents to do so.	1
Please don't just collect this information, do something meaningful for this municipality. This aggregated data might look good in the Council's annual plan, but seriously, real action needs to be taken to make meaningful adjustments for such a serious situation	1
The environmental leadership program is a great initiative and investment in the future	1
Total	5
<i>EcoCentre</i>	
The EcoCentre is a key environmental educator in Port Phillip, and I would like strong long term financial support / increase funding for it from the Council	2
Again, I'd like to stress the importance of the EcoCentre and the work it does. We have this great resource lets utilise it to do more. The EcoCentre is the perfect vehicle to action climate resilience in City of Port Phillip	1
I love what the EcoCentre does. Want to see more of it	1
Please support the Port Phillip EcoCentre teachers and scientists to deliver on some of the really fantastic ideas or concerns listed in this survey!	1
Total	5
<i>Waste management</i>	
I'd like to see more done about reducing waste rather than just recycling etc. Our local area has a lot of "junk" dumped on the lawns as hard rubbish that is very usable and could be given to immigrant families and refugees	1
More emphasis on responsible disposal of rubbish. Reinstate street-cleaning areas on Chapel St between Alma Rd and Dandenong Rd	1
More recycled materials, less eWaste - get your own property maintenance people on board	1
Waste collection is monopolised by inefficient and carbon heavy FOGO collectors such as Cleanaway - FOGO waste is transported to Dutson Downs over 200 km away by diesel trucks with first stage processing occurring at Dandenong South	1
Would like to see more recycling / FOGO bins in public spaces, with clear instructions	1
Total	5
<i>Subsidies / Incentives / Finance related</i>	
Cost, time are the biggest barriers to further change	1
Create financial incentives for people to "go green". I find that works best to get people involved as many Australians are not concerned about saving water or recycling etc	1
Financial incentives to make apartment living more sustainable	1
Rewards for good behaviour	1
Total	4



<i>Education</i>	
A greater education on the little things that households can do to improve the environment would be great!	1
Education to make apartment living more sustainable	1
Total	2
<i>Planning / development</i>	
Cars, low density housing and poor building standards are the main problems that need to be tackled.	1
The Council must also actively encourage and promote higher energy ratings (at least 7 stars) for new extensions to existing dwellings	1
Total	2
<i>Water / sea related</i>	
I'd like up to date data on sea level rise research for my street!	1
Protecting the bay	1
Total	2
<i>General positive</i>	
I have been a resident of the City of Port Phillip my entire life (66 years) and am very impressed by the positive changes they are making to educate and assist residents to be more sustainable, environmental and community aware	1
Total	1
<i>Research</i>	
Align climate targets with science and stop manipulating data to paint a better picture than reality that just makes the average person complacent. Excluding land use change, one off and offshoring, Australia has achieved about a 2% reduction since 2005	1
Total	1
<i>Other</i>	
Being a renter makes it very hard to change things and be more sustainable. Programs to help renter at a State or Federal level would be the most helpful. E.g., If I owned a home, I'd have solar and water tanks put in, but as a renter I can't	1
Energy saving: I think rental properties need dedicated attention... A win-win for owners (increasing property value) and tenants (warm in winter / cool in summer)	1
Many years ago, there was a day long workshop at St Kilda Town Hall about what we saw as the future and what could be done - with the benefit of hindsight, it felt like putting on an entertainment for the greenies - please avoid that	1
Trying to do as much as I can & encouraging others too	1
Total	4
Total	82



Appendix One: survey form



Port Phillip City Council 2023 Sustainability Survey



Hello, my name is __ from Metropolis Research and I am calling on behalf of Port Phillip Council.

Council is conducting a survey to explore community attitudes and actions around climate change and environmental sustainability issues to assist in developing sustainability policy.

The survey takes approximately 10 minutes to complete, and is completely confidential.

1 On a scale of 0 (extremely unconcerned) to 10 (extremely concerned), overall how concerned are you about climate change?

1. Concern about climate change	0	1	2	3	4	5	6	7	8	9	10	99
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2 Using the same scale, how concerned are you about the following predicted impacts of climate change?

1. Harsher and longer fire seasons and bushfires (e.g., air quality)	0	1	2	3	4	5	6	7	8	9	10	99
2. More hot days and heatwaves	0	1	2	3	4	5	6	7	8	9	10	99
3. Reduced rainfall leading to water shortages	0	1	2	3	4	5	6	7	8	9	10	99
4. More frequent and extreme weather (e.g., storms, floods)	0	1	2	3	4	5	6	7	8	9	10	99
5. Rising sea levels and coastal erosion	0	1	2	3	4	5	6	7	8	9	10	99
6. Warming oceans affecting coral reefs	0	1	2	3	4	5	6	7	8	9	10	99
7. Biodiversity loss - of native trees, plants, animals, birds, and insects	0	1	2	3	4	5	6	7	8	9	10	99

3 On a scale from 0 (strongly disagree) to 10 (strongly agree), please rate your agreement with the following statements about climate change.

1. I am aware of the short and long-term impacts of climate change on the local community	0	1	2	3	4	5	6	7	8	9	10	99
2. I have thought about how these impacts will affect me and my family	0	1	2	3	4	5	6	7	8	9	10	99
3. I am concerned about how climate change may affect the cost of living (e.g., cost of insurance)	0	1	2	3	4	5	6	7	8	9	10	99
4. I am more concerned about how climate change will impact future generations than about how it affects me	0	1	2	3	4	5	6	7	8	9	10	99
5. I am concerned about the impact climate change is having on biodiversity and the marine environment	0	1	2	3	4	5	6	7	8	9	10	99
6. I am aware of the services and facilities the Council offers to assist in adapting to a changing climate	0	1	2	3	4	5	6	7	8	9	10	99

4

On a scale from 0 (very negative) to 10 (very positive), what impact do you feel that each of the following had or has had on your personal sense of wellbeing and mental health?

1. The COVID-19 pandemic	0	1	2	3	4	5	6	7	8	9	10	99
2. Climate change	0	1	2	3	4	5	6	7	8	9	10	99
3. Increasing inflation / interest rates / cost of living / other economic news	0	1	2	3	4	5	6	7	8	9	10	99
4. The frequency and intensity of natural disasters in Australia (e.g., recent flooding and bushfires)	0	1	2	3	4	5	6	7	8	9	10	99

5

On a scale from 0 (very insufficient) to 10 (very sufficient), do you feel you have enough information about how climate change will impact you, to make informed decisions about?

1. Making sure you're insured for the appropriate things	0	1	2	3	4	5	6	7	8	9	10	99
2. Staying safe in heat and during heat waves	0	1	2	3	4	5	6	7	8	9	10	99
3. Protecting yourself and your family during a flood or storm	0	1	2	3	4	5	6	7	8	9	10	99
4. What to do during an emergency, who to call for help, and where to evacuate	0	1	2	3	4	5	6	7	8	9	10	99

6

Did you know Port Phillip Council has declared a Climate Emergency?

Yes

1

No

2

7

Which, if any of the following ways, do you believe Council can best support community activity to address climate change?

(select as many as appropriate)

Provide advice and incentives to help people make their homes and buildings more sustainable	1
Provide grants for community groups to work on projects to address climate change	2
Advocate on behalf of the community for climate action	3
Provide more information on actions people can take	4
Provide more information on climate risks in the local area such as flooding, inundation, heat waves, and how best to prepare	5
Provide workshops, education programs, and events	6
Provide more opportunities for community to make spaces and gardens greener, grow food and plant trees	7
Supporting national initiatives such as Garage Sale Trail	8
Connect people to local environmental activities	9
Run a specific program (please specify): _____	10
Other ways (please specify): _____	11

8

On a scale from 0 (very unimportant) to 10 (very important), how important is it that Council addresses each of the following?

1. Biodiversity and urban forests (e.g. greening nature strips and planting trees)	0	1	2	3	4	5	6	7	8	9	10	99
2. Assisting residents to access renewable energy, like solar panels	0	1	2	3	4	5	6	7	8	9	10	99
3. Reducing waste to landfill	0	1	2	3	4	5	6	7	8	9	10	99
4. Encouraging sustainable buildings and homes	0	1	2	3	4	5	6	7	8	9	10	99
5. Water saving and reuse and recycling (e.g., stormwater harvesting, promoting rainwater tanks, and raingardens)	0	1	2	3	4	5	6	7	8	9	10	99
6. Educating and empowering the community to act more sustainability (e.g., support community programs and events)	0	1	2	3	4	5	6	7	8	9	10	99
7. Increasing options for low emissions and transport (e.g., installing electric vehicle chargers)	0	1	2	3	4	5	6	7	8	9	10	99
8. Increasing options for active transport (e.g., bike riding and walking infrastructure)	0	1	2	3	4	5	6	7	8	9	10	99
9. Increasing community resilience to climate change impacts (e.g., knowing what to do in an extreme weather event)	0	1	2	3	4	5	6	7	8	9	10	99

Have you or members of your household engaged in the following sustainable environmental initiatives, and if not, what was the main barrier?

	Currently doing / done	Considering within 5 year	Not considering	Can't say	Barrier
1. Installed solar panels and/or batteries	1	2	3	9	
2. Reduced my car use	1	2	3	9	
3. Purchased an electric only car (not a hybrid)	1	2	3	9	
4. Purchased an electric bike	1	2	3	9	
5. Used Car Share (instead of running my own car)	1	2	3	9	
6. Used a special recycling service (e.g., for e-waste)	1	2	3	9	
7. Avoided single use plastics (e.g., using your own re-usable coffee cup, taking your own shopping bags)	1	2	3	9	
8. Sourced locally-grown food (e.g., from your garden, a community garden, or Farmers' Market)	1	2	3	9	
9. Prepared a plan for your household to cope with a heatwave, storm, or flood	1	2	3	9	
10. Have rainwater tanks or used greywater in the garden	1	2	3	9	
11. Modified heating or cooling use to save energy and / or money	1	2	3	9	
12. Changed your electricity provider to renewable energy or 'Greenpower'	1	2	3	9	
13. Changed from gas to electric appliances (e.g., hot water, stove)	1	2	3	9	
14. Modified your house to reduce heat loss or gain (e.g., draught proofing, installed insulation or blinds)	1	2	3	9	
15. Planted a garden or vegetable patch	1	2	3	9	

Lack of information / knowledge	1	Lack of interest	4
Cost is too expensive	2	Not possible / e.g. not an owner	5
Lack of time	3	Other	9

If you don't have solar panels on your home, what are all reasons why you don't?

(Please select as many as appropriate)

Its too expensive	1	Time poor, no time to organise	7
I'm not eligible for VIC government rebate	2	It's not worth it	8
Heritage home - affecting look of home as visible from the street	3	Apartment block does not have separate electricity meter boxes	9
Heritage home - concern about permit process	4	I've never considered it	10
Shading / solar panels would not be effective	5	I'm renting	11
I live in apartment / would be too hard	6	Other (specify): _____	12

11

Which, if any of the following do you do to reduce your water use and be water wise?

(Please select as many as appropriate)

Take a shorter shower / use a shower timer	1	I fix leaking taps straight away	7
I only fill the bath with as much water as needed	2	My toilet uses water from other sources (<i>e.g.</i> , a rainwater tank)	8
I use a bucket to collect shower and / or bath water to use later (<i>e.g.</i> , watering the garden)	3	I have a native garden that doesn't require as much watering	9
I have water efficient appliances (<i>e.g.</i> , Wels Star ratings)	4	I only use washing machine / dishwasher when I have a full load	10
I turn the tap off when brushing my teeth / cleaning	5	Other (<i>specify</i>):	11
I use rainwater tank to water the garden	6		11

12

If you have gas in your home currently, would you consider switching any of the following to electricity?

	Yes	Maybe	No	Don't know
Cooking stove	1	2	3	9
Gas oven	1	2	3	9
Gas heating	1	2	3	9
Hot Water System (including solar with gas boost to solar with electric boost)	1	2	3	9

13

If you would not consider switching your gas appliances for electric, what are all the reasons why, or barriers to changing?

One:	
Two:	
Three:	

14

Which of the following would encourage you to get involved in local environmental activities?

(Please select as many as appropriate)

More information about events and activities available	1	Being able to meet like-minded people	6
Easier access to information	2	Free events	7
Better understanding of the local environment	3	More events at different times of the day or at weekends	8
Being able to gain knowledge and learn skills	4	Being involved in a practical activity / Achieving something	9
Being able to be involved in collecting data for research (<i>i.e.</i> , 'citizen scientist')	5	Other (<i>specify</i>):	10

15

What impact, if any, has climate change made to your ongoing transport choices?*(Please select one number for each)*

	Reduced use	About the same	Increased use	Don't Use
Driving or passenger in my / our car	1	2	3	9
Public transport (trains, trams, buses)	1	2	3	9
Walking	1	2	3	9
Cycling	1	2	3	9
E-scooters	1	2	3	9
Car share services (<i>e.g., GoGet</i>)	1	2	3	9
Ride Share services (<i>e.g., Uber, DiDi</i>)	1	2	3	9

16

What would be the most important thing that would encourage you to use public transport, or walk or cycle more often than you currently do?

Public transport	
Walking/ cycling	
Electric bike / E-scooter	

17

Please indicate which of the following best describes you.

18 - 24 Years	1	45 - 59 Years	4
25 - 34 Years	2	60 - 74 Years	5
35 - 44 Years	3	75 Years or Over	6

18

With which gender do you identify?

Male	1	Prefer another term:	3
Female	2	_____	
Non-binary	3	Prefer not to say	4

19

Do you identify with any of the following diverse population groups?

Speak a language other than English at home	1	A carer	5
Aboriginal and / or Torres Strait Islander	2	Person with disability	6
LGBTIQA+	3	I live alone	7
Consider myself financially disadvantaged	4		

20**What is the structure of this household?**

Two parent family (<i>youngest 0 - 4 yrs.</i>)	1	One parent family (<i>youngest 13-18</i>)	7
Two parent family (<i>youngest 5 – 12 yrs.</i>)	2	One parent family (<i>adult child only</i>)	8
Two parent family (<i>youngest 13 - 18 yrs.</i>)	3	Group household	9
Two parent family (<i>adult child only</i>)	4	Sole person household	10
One parent family (<i>youngest 0 - 4 yrs.</i>)	5	Couple only family	11
One parent family (<i>youngest 5 – 12 yrs.</i>)	6	Other (<i>specify</i>): _____	12

21**What is your current housing situation?**

Own this home	1	Private rental (<i>e.g., Real Estate Agent</i>)	3
Mortgage (<i>paying-off this home</i>)	2	Renting public housing	4

22**In what type of dwelling do you live?**

A separate detached house	1	High-rise flat, unit, or apartment	4
A semi-detached, row, or terrace house	2	Don't know	9
Low-rise flat, unit, or apartment (up to 4 storey)	3		

23**Do you have any further comments you would like to make?**

THANK YOU FOR YOUR TIME