

# Casey Urban Forest Community Engagement Insights

City of Casey



# HIP V. HYPE

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# Community Survey

A community survey was hosted on the Casey Conversations web page from the 14 October - 14 November 2021 to gather insights about:

- Support the development of a vision for the urban forest, and how greening is valued locally
- Uncover key local issues and concerns regarding urban greening
- Explore opportunities for expansion of local greening, including the distinction between public and private realm
- How the community would like to be involved in the ongoing management of Casey's urban forest
- Language resonates locally when it comes to explaining and getting people excited about the urban forest
- Perceptions of trees, especially considering risk of tree falls etc
- Community education needs
- Barriers and opportunities for trees on private land (considering NIMBY attitudes)
- Thoughts around regulation (private tree protection and planting)
- Whether people want to be involved in a community panel to review the draft UF Plan

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## WHO RESPONDED

194 people responded. Given Casey's overall demographics the diversity of the respondents is reasonably good with a few exceptions:

- Strong skew towards women
- May have an under-representation in terms of cultural diversity. 14% of respondents' first language was not English
- Respondents answers indicate there may be a skew towards people with a relatively sophisticated understanding of trees and greening. One example of this sophistication can be seen in the answers to Q2. 72% of respondents selected 'Reduced electricity consumption through shading/cooling effect' for Q2: Which of these economic benefits do you value most about trees? This is a fairly technical response more likely to come from people with a medium to high knowledge of trees and greening

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## AGGREGATE RESPONDENT INSIGHTS

A full summary of the results are included in Appendix 1. The summary insights against key areas of investigation are outlined below.

## OPPORTUNITIES FOR EXPANSION OF GREENING IN CASEY

- There is overwhelming support for more trees in Casey (95%), with 78% of respondents wanting lots more and 17% wanting a few more trees
- Respondents want Council to invest more in trees (94%), with 79% strongly support Council investing in more street trees and park plants/trees and a further 15% mostly supportive
- There is strong support for trees that are resilient to climate change as indicated by both Q8 and 5

- Respondents wanted more of the following types of trees:
  - + Supporting local wildlife (78%)
  - + Trees/plants native to Casey (69%)
  - + Medium shade trees (63%)
  - + Trees/plants resilient to climate change (60%)
  - + Colourful attractive trees (49%)
  - + Large landmark trees (43%)
  - + Fruit trees (37%)
  - + Small trees (30%)
  - + Other (9%): plantings that attract bees and insects; edible/vegetable gardens; indigenous trees, Natives of Bunurong Country and in connection and consultation with Elders from Casey Aboriginal Gathering Place; small scale trees and bushes to green up street verges- micro biodiversity plantings; endangered trees in Australia or globally; low maintenance trees, diverse in composition to each other to create a dense appearance, more canopy cover and colour; more trees that encourage children's curiosity and imagination (safe for climbing on/making play spaces within)
- 129 suggestions for specific locations were identified as needing more trees. Details are included in the Appendix 2.

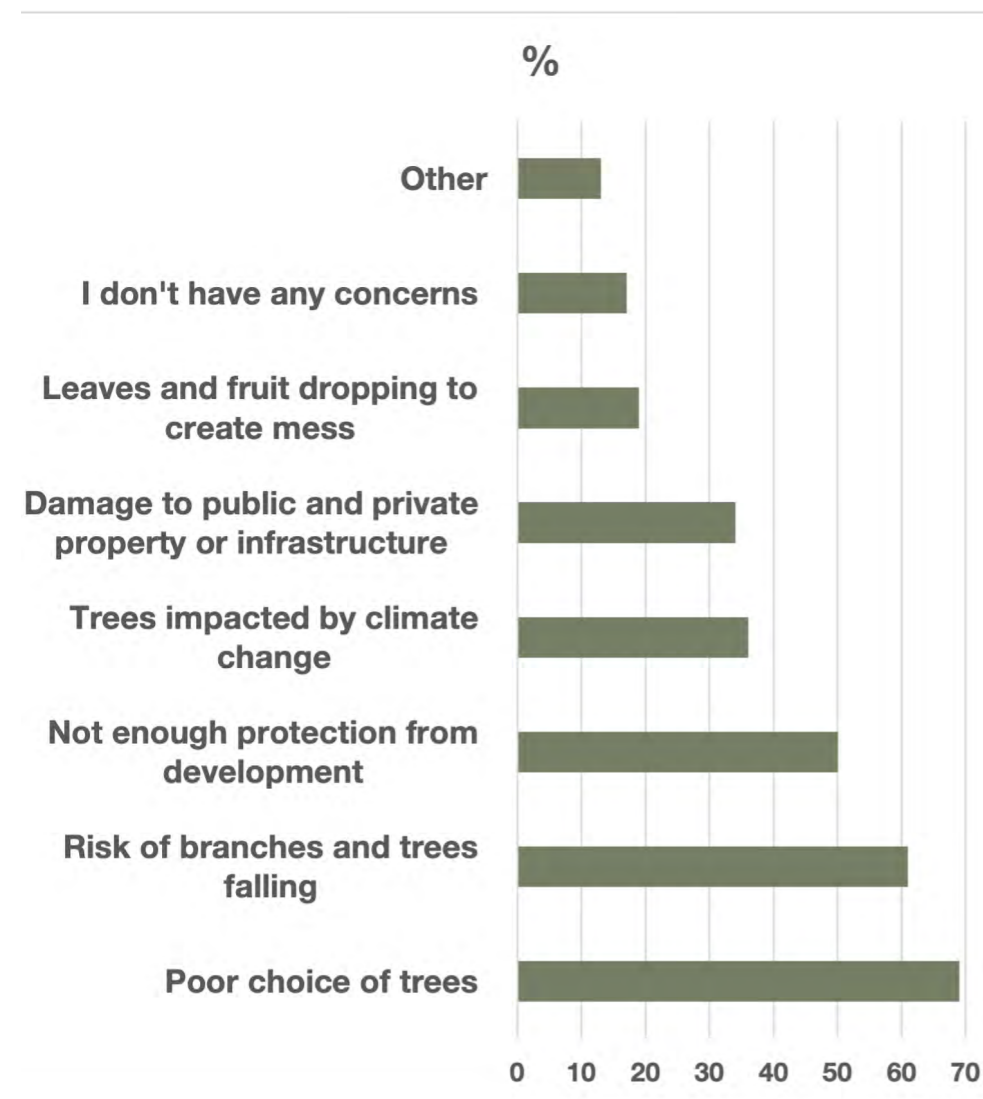
# Community Survey

## POSITIVE PERCEPTIONS OF TREES

- Respondents value the following social benefits most highly:
  - + Climate change/shading cooling
  - + Aesthetics
  - + Biodiversity/connect with nature
  - + Health & wellbeing
- Respondents value the following economic benefits most highly:
  - + Reduced electricity consumption
  - + Reduced building/energy costs
  - + Increased property value
  - + Decreased health costs
- Respondents value the following environmental benefits most highly:
  - + Reducing air pollution
  - + Increasing biodiversity/habitat on land and water
  - + Reducing/capturing carbon was equally
  - + Reducing stormwater/keeping waterways healthy
- Overall respondents value environmental and social benefits more strongly than the economic benefit. See summary diagram to the right.

BENEFIT	%
Reducing air pollution	91.79%
Providing habitat and Improving biodiversity (land and water)	89.23%
Providing shade and cooling Casey	84.62%
Capturing and storing carbon to reduce climate change impacts	83.59%
Reducing stormwater and keeping our rivers and creeks healthy (reducing erosion)	83.08%
Making Casey more beautiful	76.92%
Combating climate change	74.87%
Support increased biodiversity for plants and animals	73.85%
Reduced electricity consumption through shading/cooling effect	72.31%
Providing connection with nature	71.79%
Improving mental wellbeing	67.69%
Encouraging outdoor activity	62.56%
Reducing people’s exposure to sun	52.31%
Reducing building energy costs	50.77%
Adding to local character	50.26%
Increasing property values	49.74%
Decreasing health costs	47.69%
Providing play space for children	47.18%
Attracting visitors and tourists to our region	42.56%
Connection to Aboriginal culture	36.41%
Urban food production	30.77%
Boosting productivity of shopping areas	17.44%
Improving traffic management	15.38%
Other	6.67%
Other	5.13%
Other	3.59%

KEY
Environmental benefit
Social benefit
Economic benefit

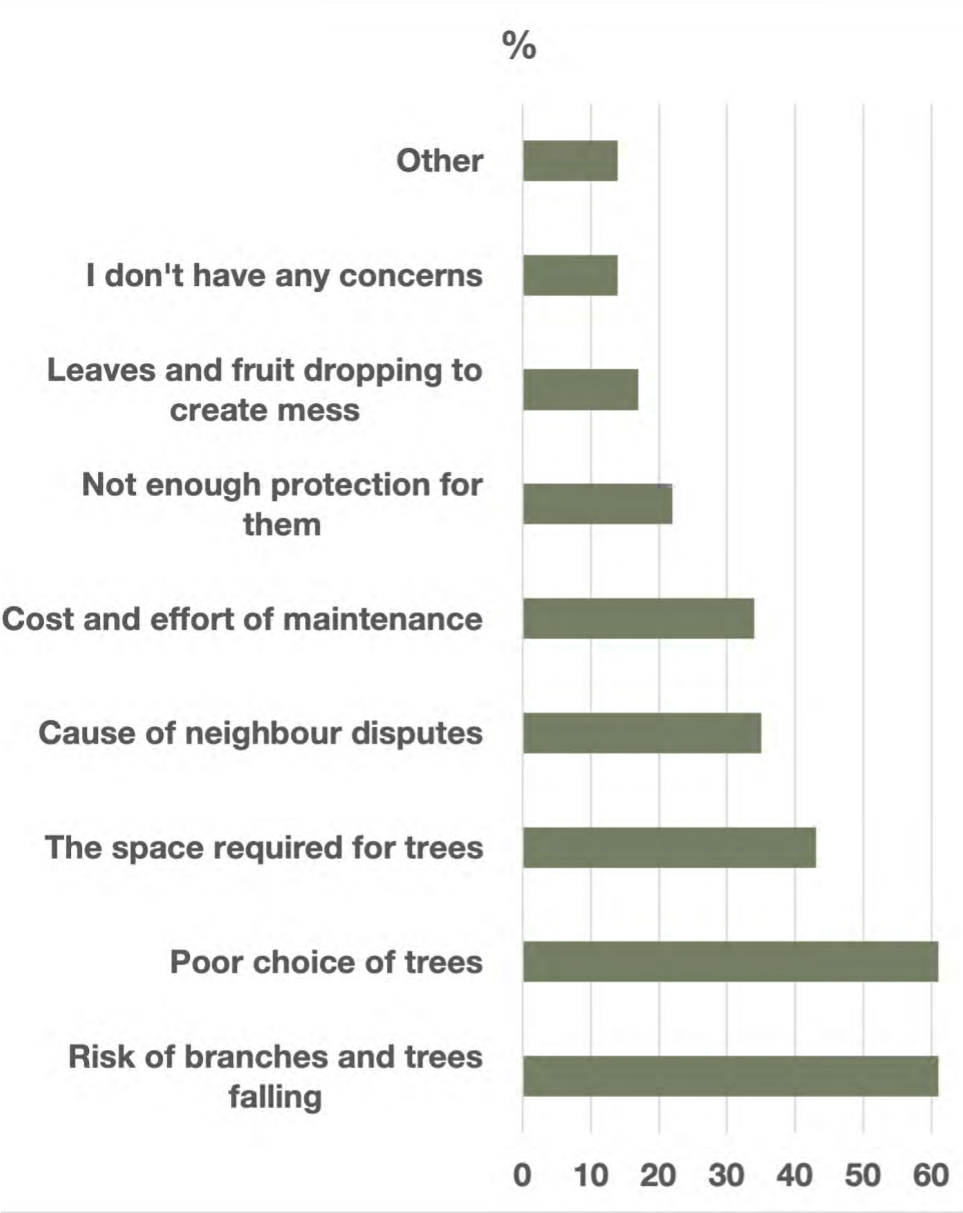


8. What concerns do you have about public trees (e.g. those in parks, around sporting facilities and in the streets)?

## NEGATIVE PERCEPTIONS OF TREES

- Even though respondents were overwhelmingly supportive of more trees in Casey, a relatively large proportion still had concerns about negative impacts of trees
- Concerns about public trees are summarised in the chart to the left. The top negative concerns were:
  - + Poor choice of trees (69%)
  - + Risk of branches and trees falling (61%)
  - + Damage to public and private property / infrastructure (34%)
  - + Leaves and fruit dropping to create mess (19%)

- Aside from these key concerns respondents also identified the following concerns about trees in public space:
  - + Developer Planting unsuitable trees
  - + I hate seeing the council cutting trees down as they have currently been doing on Princes Hwy just after Berwick Main Street
  - + Lack of shading in the road reserves near paths, bus stops etc
  - + Maintenance
  - + Non natives
  - + Not professionally placed with the right gardeners
  - + Not sufficiently maintained / overgrown / messy / not cared for correctly(5)
  - + Rate payer maintenance cost
  - + The tiny ones put on nature strips I constantly have mine replaced from damage or dying
  - + Tree root damage to property (2)
  - + Trees attracting birds which poo on people/property
  - + Trees not being replaced when damaged
  - + Inappropriate tress affecting house insurance costs
  - + You can manage these risks please move with the times and look at how to retain trees not just get rid of them due to perceptions of risk
  - + You can't maintain the trees and parks as it is



10. What concerns do you have about trees on either your property or other private properties?

- Concerns about private trees are summarised in the chart to the left. The top negative concerns were:
  - + Risk of branches and trees falling (61%)
  - + Poor choice of trees (61%)
  - + Space required for trees (43%)
  - + Cause of neighbour disputes (35%)
  - + Cost/effort of maintenance (34%)
- Aside from these key concerns respondents also identified the following concerns about private trees:
  - + Being planted over easements and causing issues with waste water
  - + Building and development conventions as to the types of plants to be planted
  - + Casey Council have chosen a huge gumtree species in their estates that years later cause a huge mess, drop tree limbs and tree roots ruin drainage
  - + Council being obstructive when it comes to development of nature strips but equally not maintaining them when owners can't develop
  - + Damage caused by poor tree choice - eg damage caused by roots
  - + Developers - Given my neighbours cleared all the trees on their property and were responsible for the removal of a lovely gum in the street

- + Fruit dropping from trees and not removed provides easy food for rats and mice
- + How easy it is to lose important large trees in private realm
- + Lack of maintenance, particularly for rented properties
- + Large gum trees on urban blocks are very messy, and small roots mean they fall in strong storms.
- + Neighbour non-native trees over fence killing our natives
- + No protections to prevent old growth trees being cut down for development
- + People allowing Ivy to grow up and slowly kill mature trees
- + Root system too close to house, drainage or other infrastructure (4
- + Should be laws against cutting them down
- + These were supposedly small trees when Timbarra was established but it is large and affecting my property
- + Tree choice affecting underground pipelines/driveways but still wanting bigger shade trees in small space
- + Trees attracting birds which poo on people/property
- + Unfortunately on Marylyn Place, the Council came around and planted a few trees on empty nature strips. Sadly, some really bad people removed them from their nature strips

# Community Survey

## REGULATION OF TREES

- It is clear that respondents want Council to protect trees on private land
- For Q11 42% of respondents agreed that Council should provide more protection for existing trees on private property, 20% of people said no and 35% unsure. This suite of responses indicates a significant lack of knowledge about current protections
- 3% of respondents answered "other and commented:
  - + Depends on the species and size.
  - + If asked by the owner of the property then yes or even offering owners the choice to have the council protect and maintain them so they aren't dangerous or cut down
  - + Should be allowed to remove large trees that are close to house foundations, or create shade in winter when you need the sun into the house
  - + Yes, that neighbours shouldn't be pressured or harassed to remove trees, they must have tree and plant protections in place
  - + Yes. The real problem is that someone plants a sapling today with realising that it is say a cypress tree that will end up growing up to 30metres tall with a trunk of 6 meters. The tree has a life of more than 100 years. In most instances the person that planted the tree would never have done so if they realised the implications of their decision
  - + You need more protection for your residence instead of the trees you plant hurting them and damaging property

- Q12 investigates the level of protection respondents want for trees on private property. 48% want some protection, landowners and developers should be made to maintain trees where practical. 27% want strong protection, landowners and developers should be mandated to preserve trees and be strongly penalised where this does not occur with the fund being used to plant trees elsewhere in Casey. 20% want no protection, landowners and developers should be able to do whatever they want with trees on their own land. 3% of respondents answered "other: and commented:
  - + Depends on species and maturity of trees
  - + If a tree is still healthy and want it removed that's fine but must replace it with the same or equal size/volume. Take down large tree replace with 2 medium trees
  - + No removal of small trees. Large and medium trees if removed need to be replaced X 2 at a public site chosen by Council
  - + Strong protection option above but with options for landowners and developers to explain why they need the tree removed and, if it's for a reasonable purpose, such as safety, the land owner or developer can give their reason and indicate what they will do to replace the biodiversity loss
  - + Strong protection where sensible. Issue is small block sizes
  - + Strong protection, yet if a professional arborist says there's a hazard it can be removed
  - + There needs to be a balanced approach to what happens in respect to trees on private land. An independent tribunal comprised of all interested parties should be formed to allow a reasonable an balanced outcome to the merits of retaining or removing any trees on private property

## EDUCATION NEEDS

- There is a need to educate the Casey community about the huge importance of trees on private property, given that the proportion of land Council owns is tiny in proportion to privately owned property. Only 56% of respondents thought that the contribution from trees on private property makes a large contribution to our urban forest. 26 % of respondents through private property was of medium importance, 12% thought it was a small contribution and 3% thought they made on contribution
- Even though there was overwhelming support for trees amongst respondents, there was strong concern about the risk of trees and branches falling and damage to infrastructure. The data from question 8 indicates that respondents may be aware of risk being associated with incorrect tree selection. Still, more education about the risk of trees vs the value they bring is likely to be useful to the community
- Well over a quarter of respondents (35% )were unsure whether Council needs to provide greater protection/regulation for existing trees on private property. This could be an indication that respondents do not understand what controls are currently in place

# Community Survey

## COMMUNITY INVOLVEMENT

- More than 52% of respondents would like to review/comment on the draft strategy
- 80% of respondents wanted to be kept updated about opportunities to participate in the urban forest
- The list below shows the most to the least popular urban forest activities respondents would like to participate in:
  - + Local tree planting activities across Casey (61%)
  - + Planting a local, community food forest (57%)
  - + Planting more trees around my home (55%)
  - + Educational activities to help me grow and maintain trees on my property (51%)
  - + Celebrations for existing significant trees e.g. historical or bush tucker tours (42%)
  - + Helping to care for trees in my local area (36%)
  - + Helping gather information about existing trees in your local area (39%)
- There is strong support for Council to deliver increased incentives/support for tree planting on private property (75%). Interestingly 14% were unsure and a number of comments were left:
  - + Advice would have to be given on species and potential damage from root systems and falling branches. Correct species and what they'll look like in 10-20 years time
  - + It depends what is in place and if they agree
  - + No. Because of issues that I have raised previously. Small allotments, issues with Solar, etc.
  - + Only if appropriate indigenous tree plantings and appropriate canopy plantings also included
- Respondent ideas to engage the broader community in the urban forest have been summarised under 4 key themes (education, incentives, regulation and other) in the table to the right

EDUCATION	INCENTIVES	REGULATION	OTHER
<ul style="list-style-type: none"> <li>- Education/support on how to plant/support a young tree</li> <li>- Advice to new home owners (e.g. when a new rate payer comes onto Council's books)</li> <li>- Explain and show what benefits them in a way that hits them emotionally. Just stating facts won't change them. Explain \$\$\$</li> <li>- Encourage locals and different cultures with talks from Australian Botanical Gardens Cranbourne</li> <li>- Provide a suitable species list tailored to Casey</li> <li>- Promotion of urban forest and why its important for everyone to play a part to green the city and keep cool-strong climate change adaptation focus</li> <li>- Explaining economic benefits</li> <li>- Free advice and workshops for private gardens, particularly focused on suitable species selection</li> <li>- School education sessions</li> <li>- Letterbox drops</li> <li>- Targeted campaign, with personally addressed mail highlighting the benefits to them, their community, future generations and the environment</li> <li>- Educate on types of trees that wont cause harm to their house or building</li> <li>- Neighbourhood working bee style practical workshops to assist residents with tools, resources and information on planting and caring for trees</li> <li>- Partnership programs with Landcare and Gardens For Wildlife</li> </ul>	<ul style="list-style-type: none"> <li>- Competitions for 'best garden'</li> <li>- Continue annual plant giveaway-love the education it provides</li> <li>- Promote stories relevant to different size properties</li> <li>- Rate reduction</li> <li>- Cash incentives</li> <li>- Planting 1 tree around their own homes for graduating primary school</li> <li>- Discount voucher for tree nurseries</li> <li>- Support from Council to prune and maintain trees on private land</li> <li>- Incentives for trees which reach 2,5,10 years old. Trees are often planted but don't reach their crucial maturity</li> <li>- Partnership with Landcare</li> <li>- Discounts for buying larger (not seedling size) or native trees</li> </ul>	<ul style="list-style-type: none"> <li>- Stop allowing minuscule blocks with no space to plant trees</li> <li>- Develop strict guidelines on development/subdivision of private property - minimum "backyard" space</li> <li>- Increase the minimum subdivision size allowed</li> <li>- Building envelopes and mandatory % green space within new properties for Tree Planting Zone, similar to Botanic Ridge(Settlers Run)</li> <li>- Policy that gives flexibility of maintaining trees considering concerns of land owners</li> </ul>	<ul style="list-style-type: none"> <li>- Council should show how they plant urban trees. Council should stop cutting trees to build more roads and housing developments</li> <li>- Council should not do that. If they introduce a policy that encourages tree planting on private property, Council may be exposed to future litigation</li> <li>- Most of the land now in new areas is too small the street trees are extremely important in these areas</li> </ul>

# Community Workshop

Content to be added following community workshop.

## Appendix 1

# Casey Conversations: The Hive Survey Summary

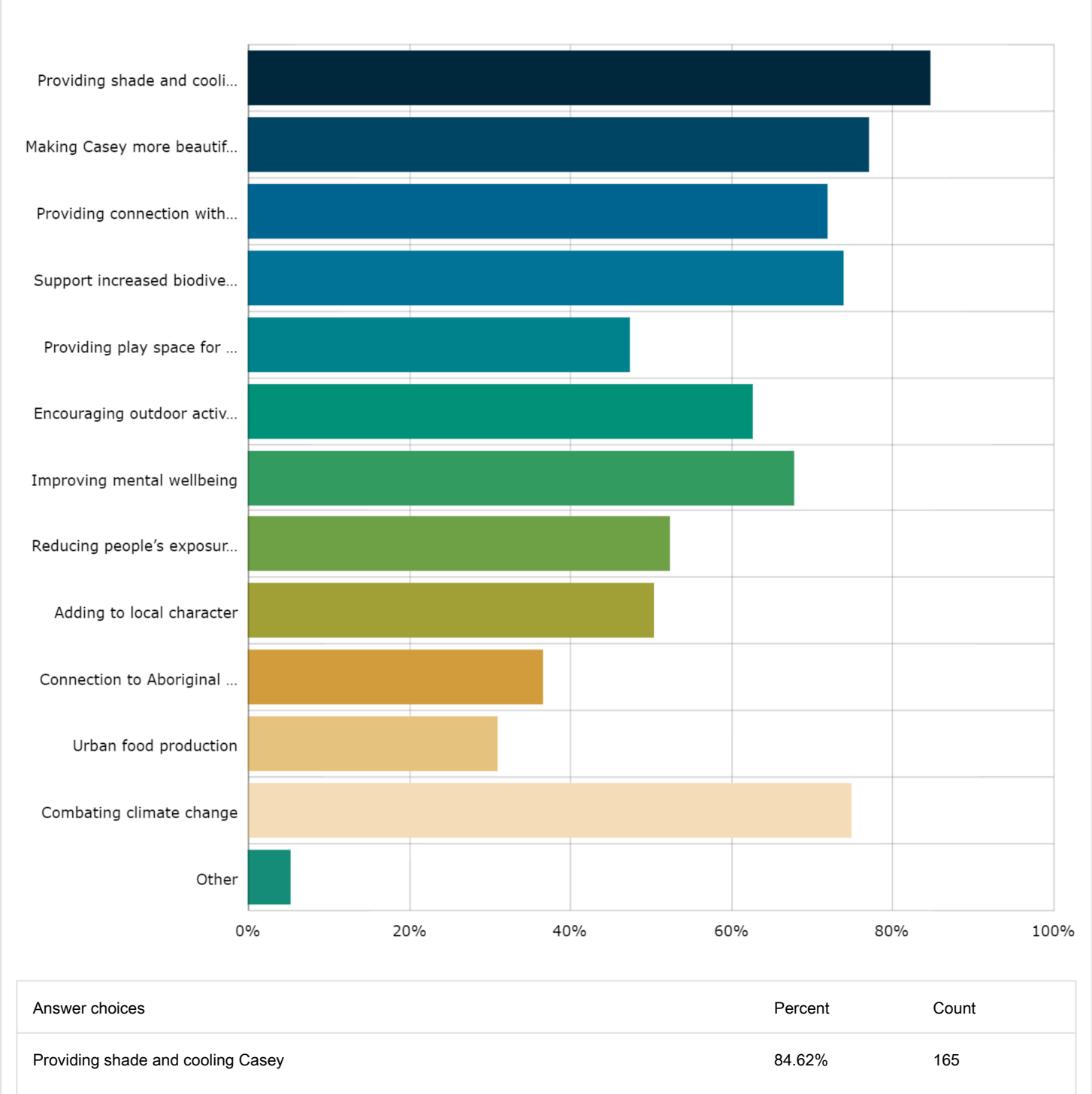
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Untitled
City of Casey Urban Forest Strategy

194 Contributors
195 Contributions

Contribution summary

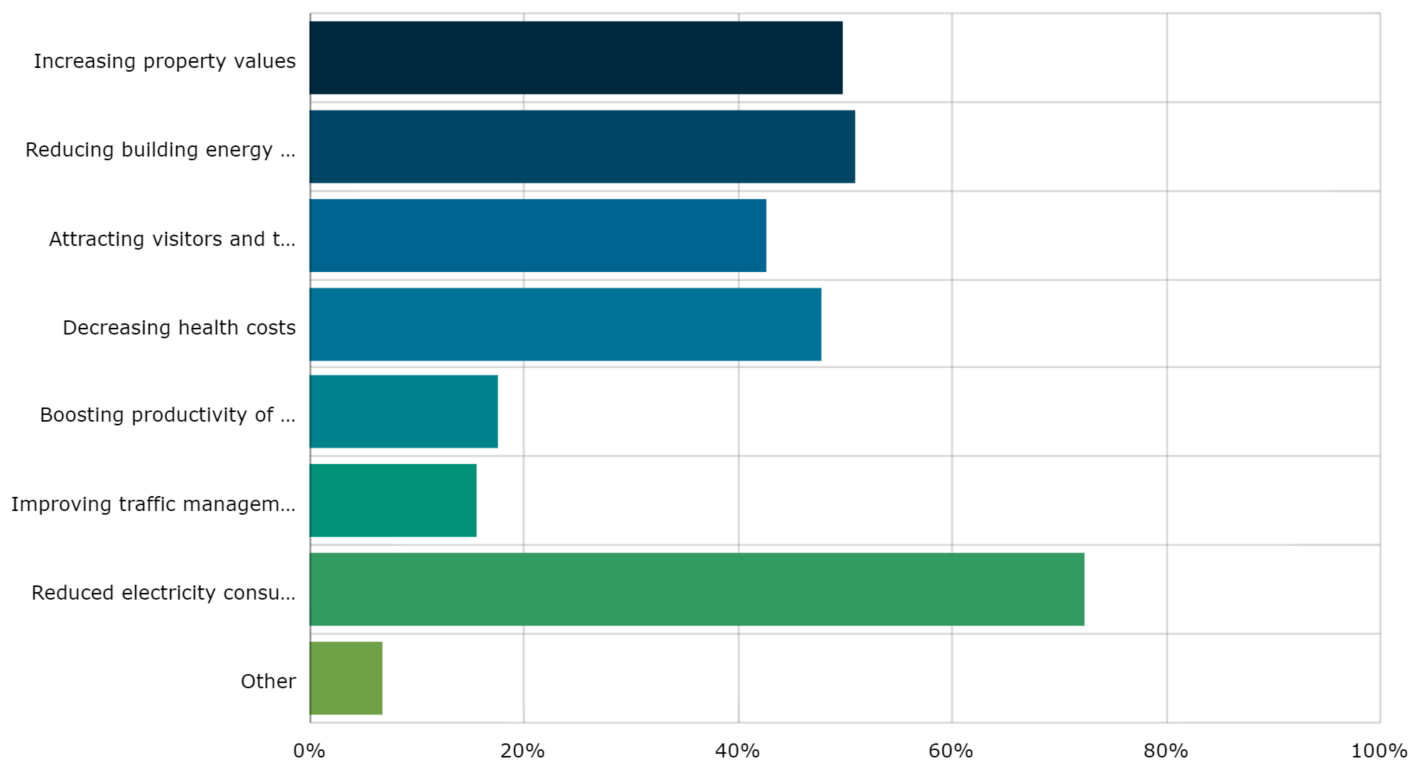
1. Which of these social benefits do you value most about trees? Required
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Making Casey more beautiful	76.92%	150
Providing connection with nature	71.79%	140
Support increased biodiversity for plants and animals	73.85%	144
Providing play space for children	47.18%	92
Encouraging outdoor activity	62.56%	122
Improving mental wellbeing	67.69%	132
Reducing people's exposure to sun	52.31%	102
Adding to local character	50.26%	98
Connection to Aboriginal culture	36.41%	71
Urban food production	30.77%	60
Combating climate change	74.87%	146
Other	5.13%	10

## 2. Which of these economic benefits do you value most about trees? Required

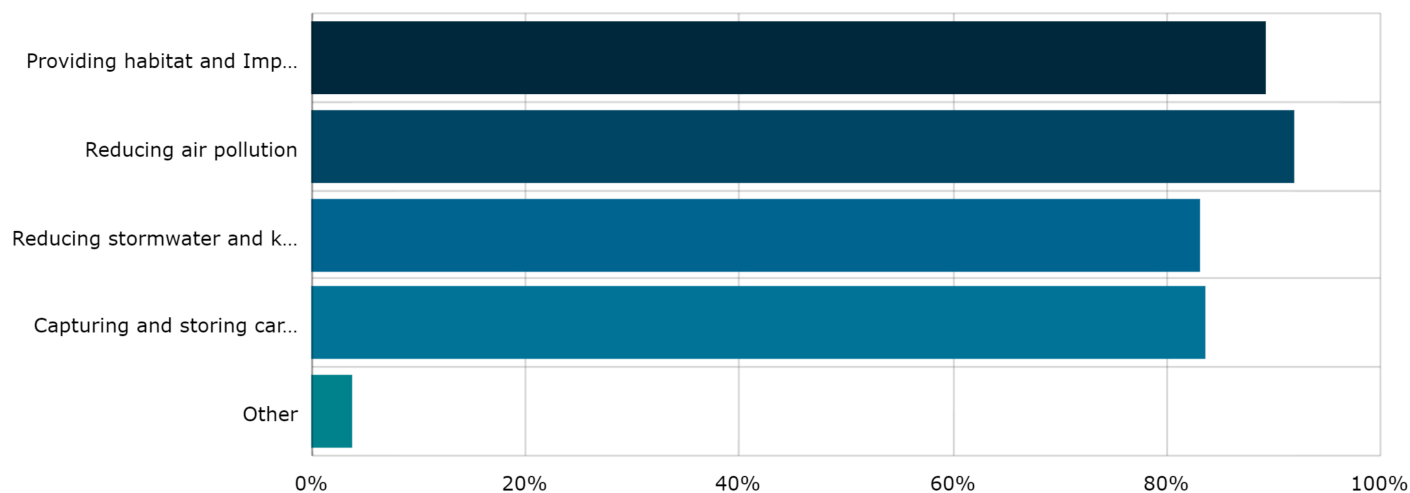
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Increasing property values	49.74%	97
Reducing building energy costs	50.77%	99
Attracting visitors and tourists to our region	42.56%	83
Decreasing health costs	47.69%	93
Boosting productivity of shopping areas	17.44%	34
Improving traffic management	15.38%	30
Reduced electricity consumption through shading/cooling effect	72.31%	141
Other	6.67%	13

### 3. Which of these environmental benefits do you value most about trees? Required

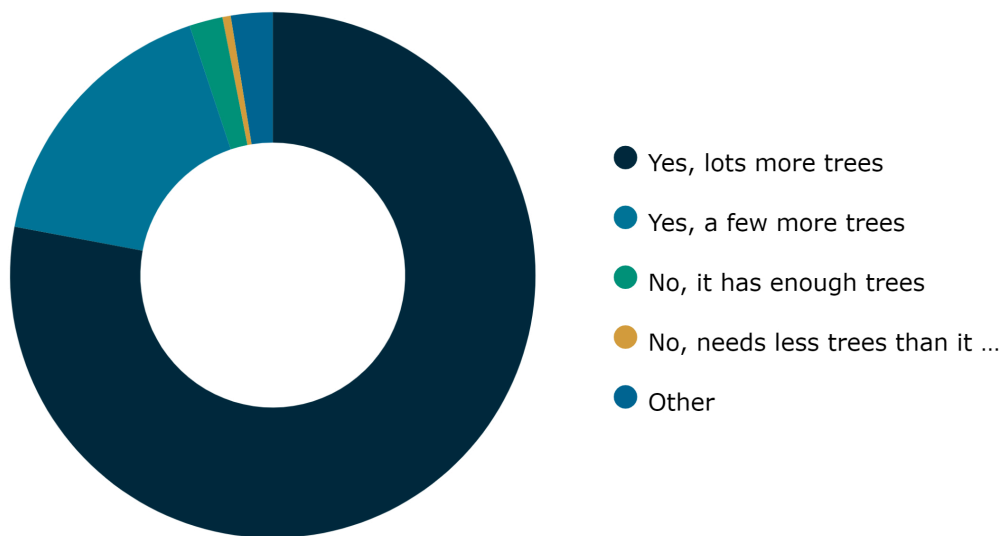
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Providing habitat and Improving biodiversity (land and water)	89.23%	174
Reducing air pollution	91.79%	179
Reducing stormwater and keeping our rivers and creeks healthy (reducing erosion)	83.08%	162
Capturing and storing carbon to reduce climate change impacts	83.59%	163
Other	3.59%	7

#### 4. Do you think the City of Casey needs more trees? Required

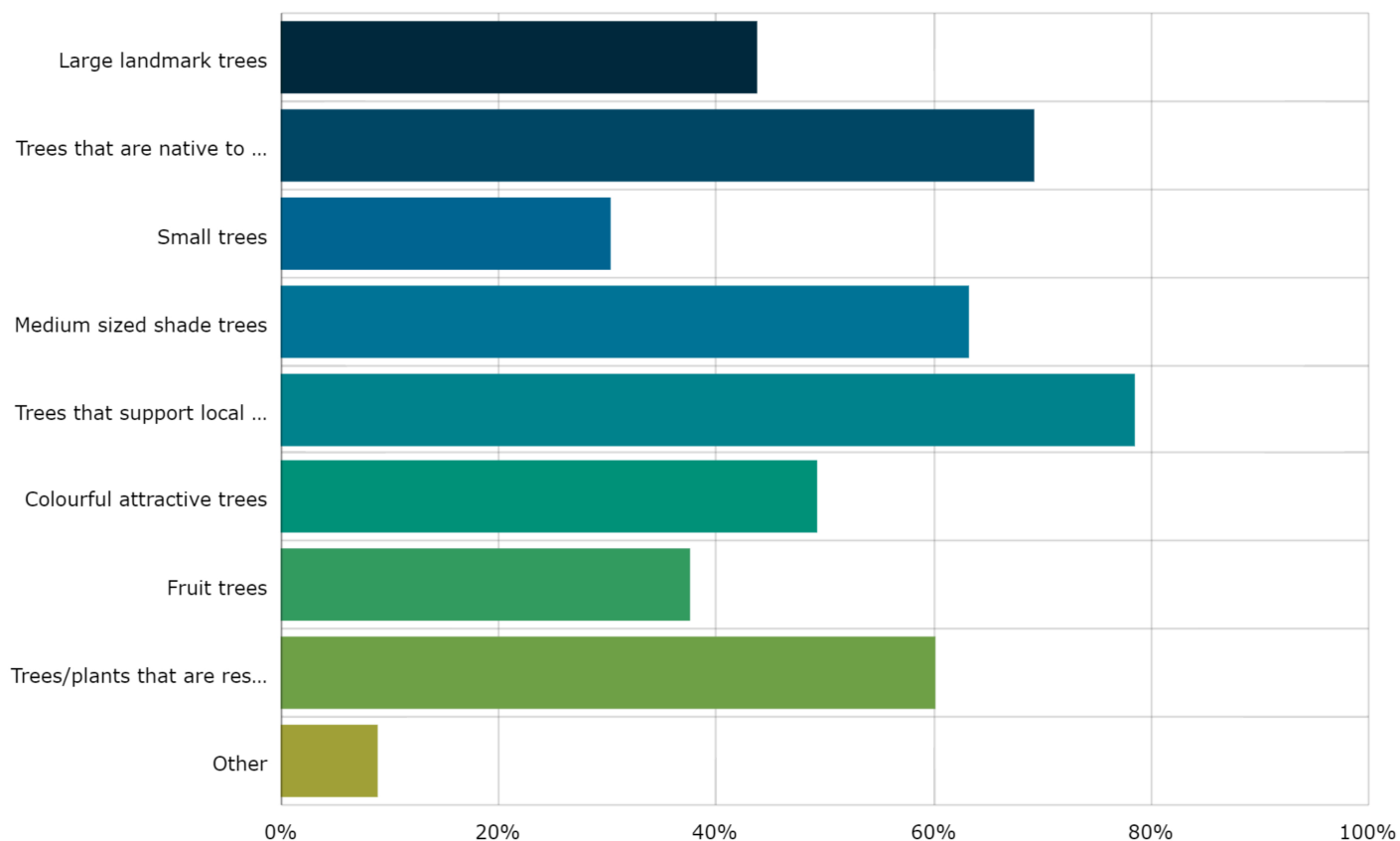
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Yes, lots more trees	77.95%	152
Yes, a few more trees	16.92%	33
No, it has enough trees	2.05%	4
No, needs less trees than it has	0.51%	1
Other	2.56%	5
Total	100.00%	195

## 5. What types of trees/plants do you think Casey needs more of? Required

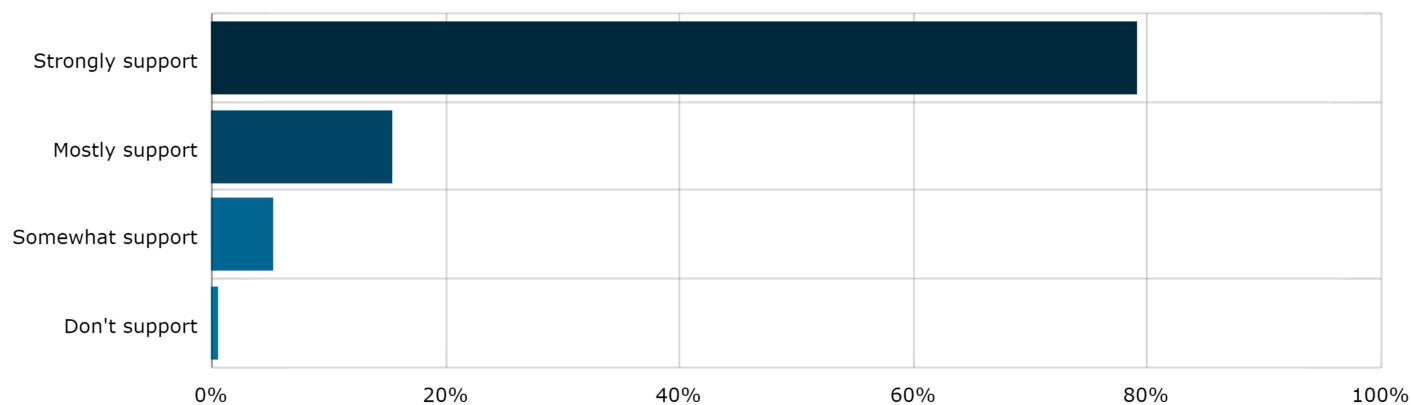
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Large landmark trees	43.59%	85
Trees that are native to the Casey region	69.23%	135
Small trees	30.26%	59
Medium sized shade trees	63.08%	123
Trees that support local wildlife	78.46%	153
Colourful attractive trees	49.23%	96
Fruit trees	37.44%	73
Trees/plants that are resilient to climate change impacts	60.00%	117
Other	8.72%	17

## 6. Do you support Council investing in more public street and park trees/plants? Required

Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Strongly support	78.97%	154
Mostly support	15.38%	30
Somewhat support	5.13%	10
Don't support	0.51%	1
Total	100.00%	195

7. Are there any specific locations in Casey where you would like to see more trees? Required

Short Text | Skipped: 31 | Answered: 164 (84.1%)

Sentiment

No sentiment data

Tags

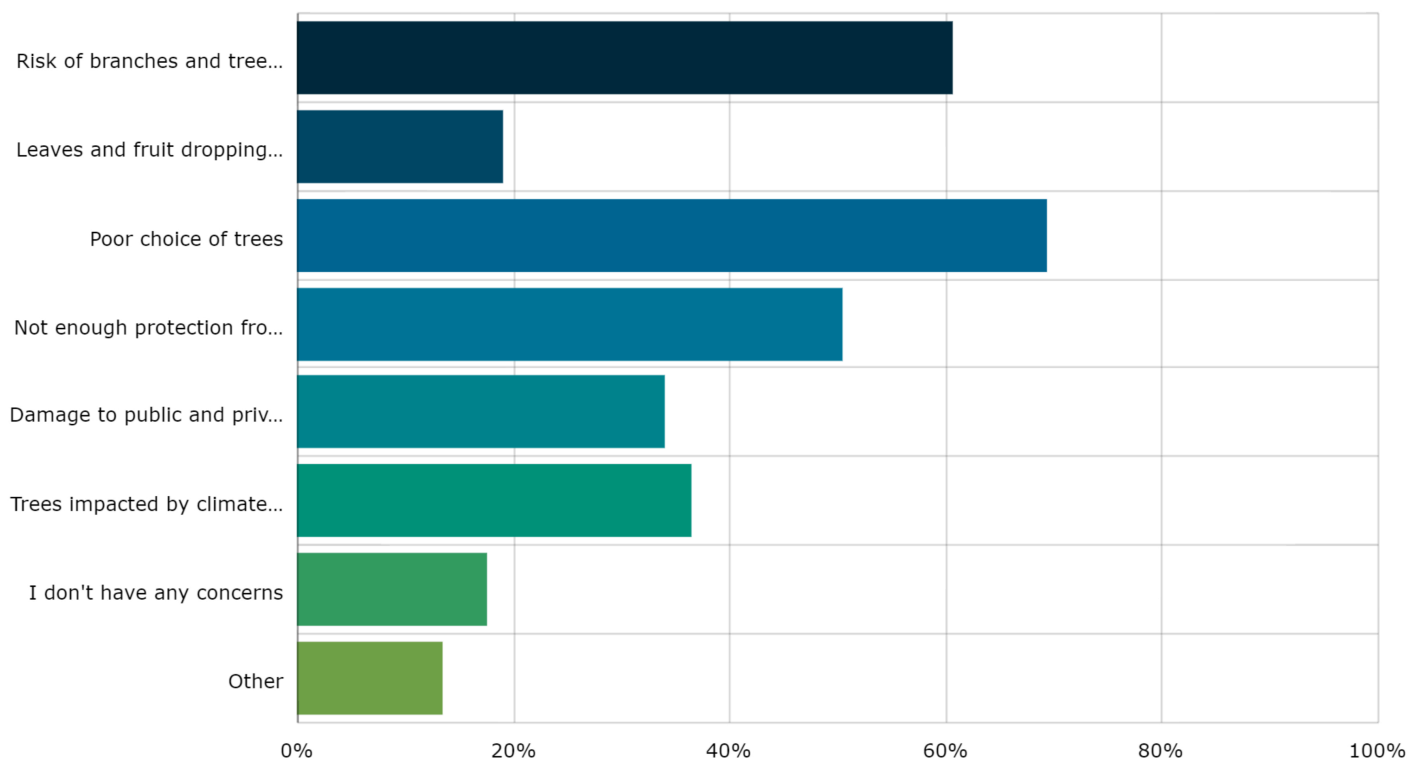
No tag data

Featured Contributions

No featured contributions

## 8. What concerns do you have about public trees (e.g. those in parks, around sporting facilities and in the streets)? Required

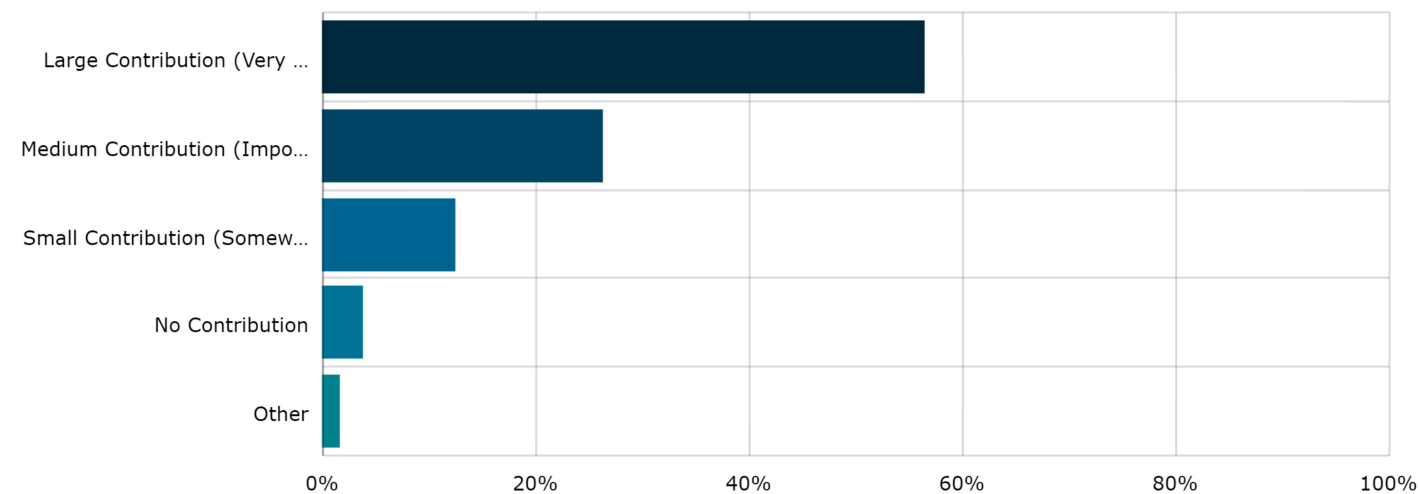
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Risk of branches and trees falling	60.51%	118
Leaves and fruit dropping to create mess	18.97%	37
Poor choice of trees	69.23%	135
Not enough protection from development	50.26%	98
Damage to public and private property or infrastructure	33.85%	66
Trees impacted by climate change	36.41%	71
I don't have any concerns	17.44%	34
Other	13.33%	26

# 9. What contribution do you think trees on private property make to our urban forest? For example, trees in front and back yards? Required

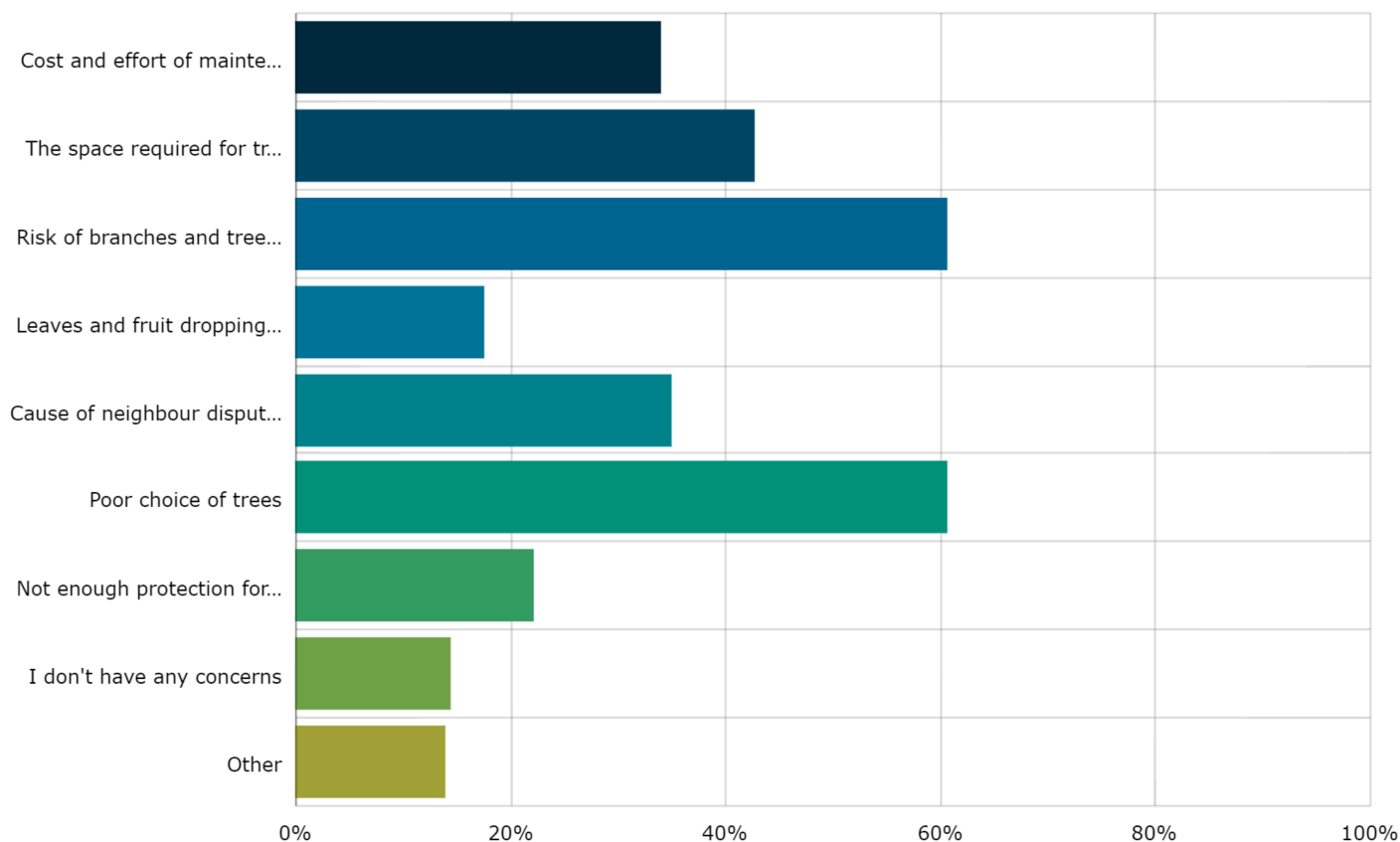
Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Large Contribution (Very Important)	56.41%	110
Medium Contribution (Important)	26.15%	51
Small Contribution (Somewhat Important)	12.31%	24
No Contribution	3.59%	7
Other	1.54%	3
Total	100.00%	195

## 10. What concerns do you have about trees on either your property or other private properties? Required

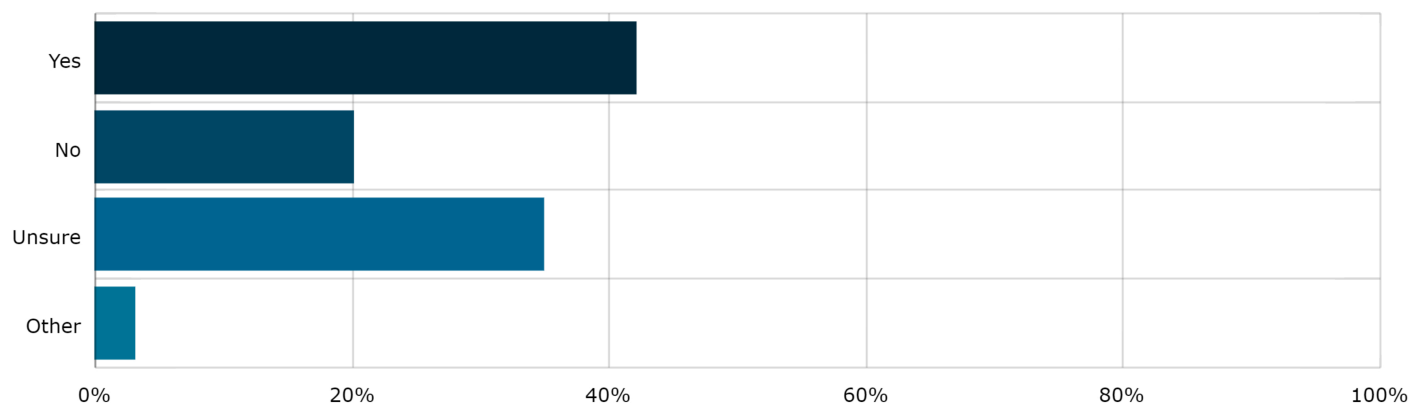
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Cost and effort of maintenance	33.85%	66
The space required for trees	42.56%	83
Risk of branches and trees falling	60.51%	118
Leaves and fruit dropping to create mess	17.44%	34
Cause of neighbour disputes	34.87%	68
Poor choice of trees	60.51%	118
Not enough protection for them	22.05%	43
I don't have any concerns	14.36%	28
Other	13.85%	27

# 11. Do you think Council needs to provide greater protection/regulation for existing trees on private property? Required

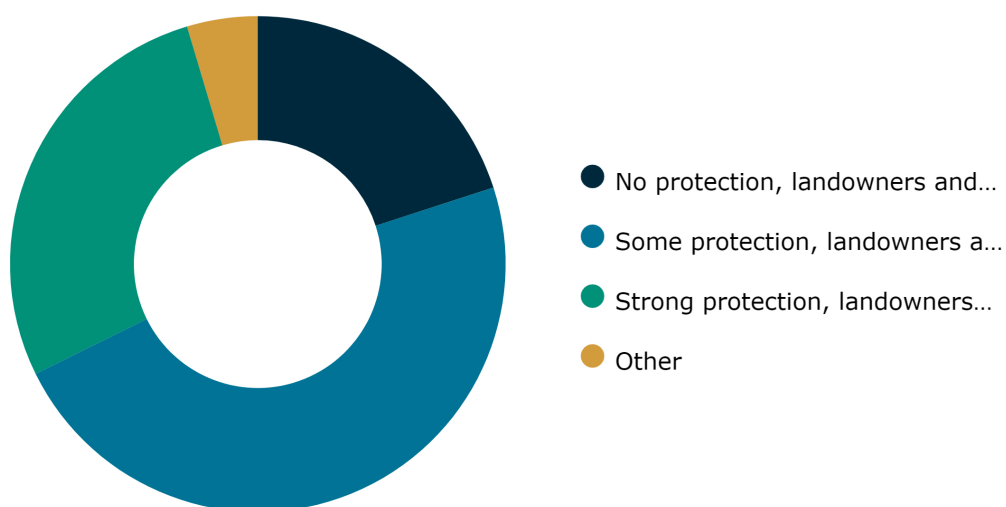
Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Yes	42.05%	82
No	20.00%	39
Unsure	34.87%	68
Other	3.08%	6
Total	100.00%	195

## 12. What level of protection do you think trees on private land need? Required

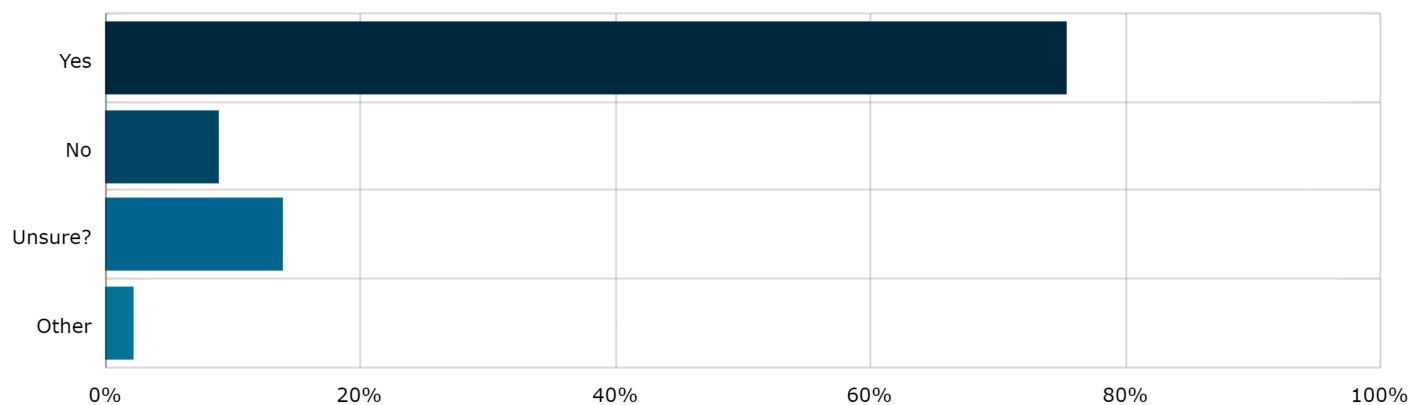
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
No protection, landowners and developers should be able to do whatever they want with trees on their own land	20.00%	39
Some protection, landowners and developers should be made to maintain trees where practical	47.69%	93
Strong protection, landowners and developers should be mandated to preserve trees and be strongly penalised where this does not occur with the fund being used to plant trees elsewhere in Casey	27.69%	54
Other	4.62%	9
Total	100.00%	195

### 13. Would you support increased Council incentives/support for tree planting on private property? Required

Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Yes	75.38%	147
No	8.72%	17
Unsure?	13.85%	27
Other	2.05%	4
Total	100.00%	195

14. How do you think Council could best encourage people to plant more trees on their properties (around homes and businesses)?

Short Text | Skipped: 18 | Answered: 177 (90.8%)

Sentiment

No sentiment data

Tags

No tag data

Featured Contributions

No featured contributions

15. Is there anything else you would like to tell us about trees in Casey?

Short Text | Skipped: 49 | Answered: 146 (74.9%)

Sentiment

No sentiment data

Tags

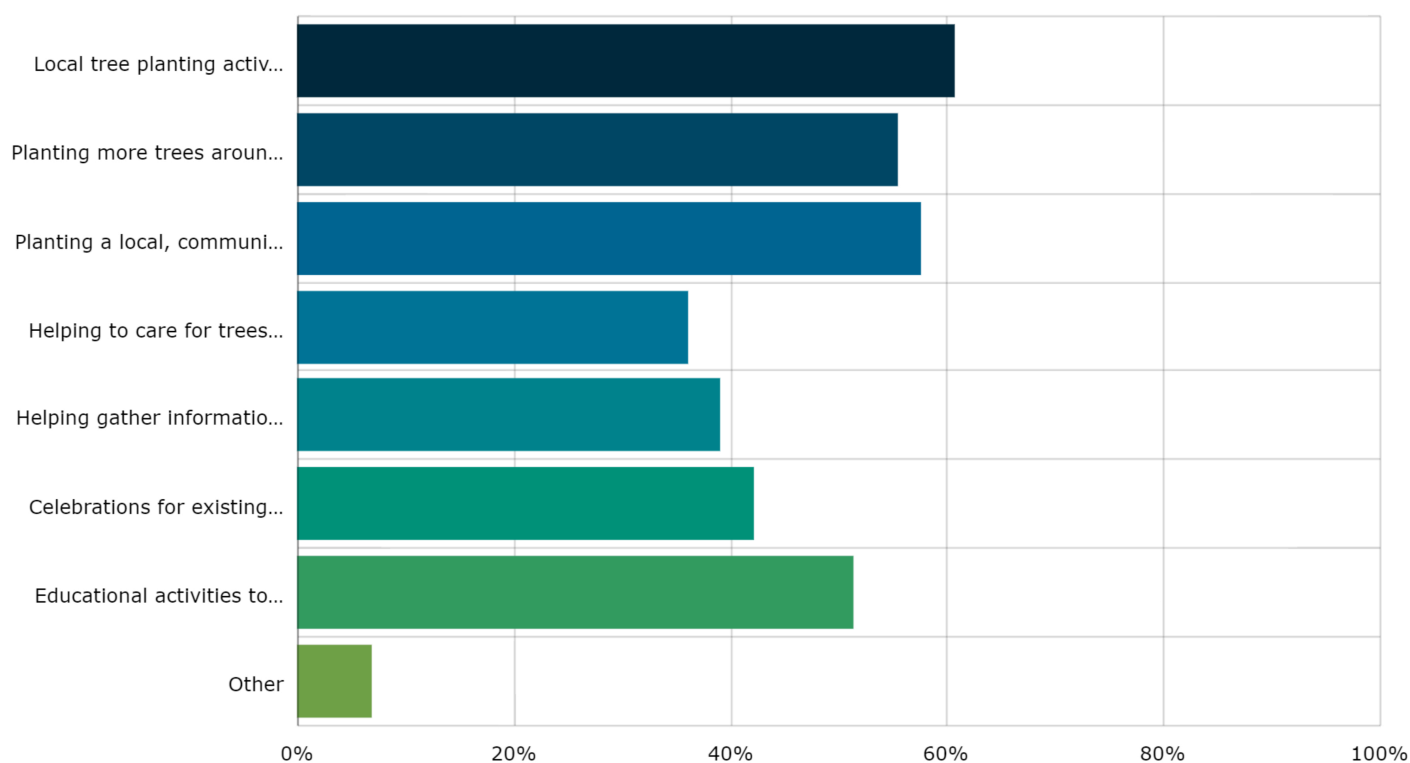
No tag data

Featured Contributions

No featured contributions

## 16. Which of the following activities would you be interested in attending or participating in? Required

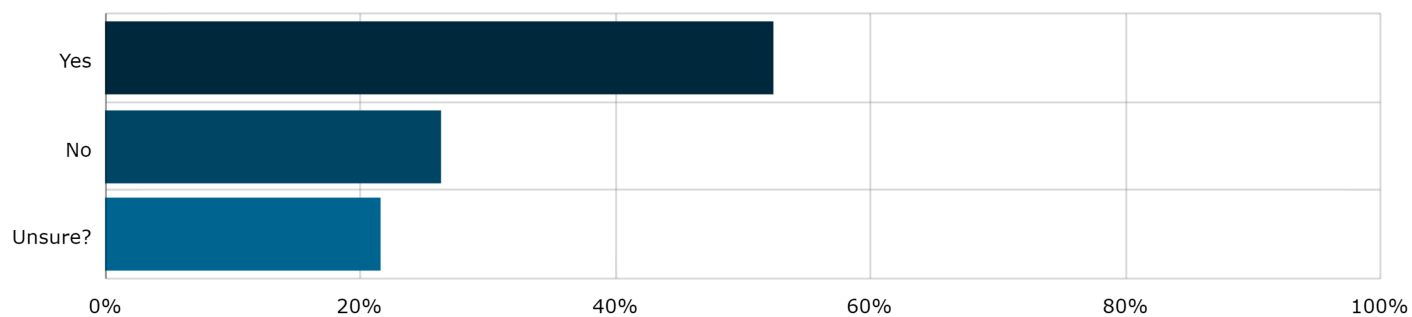
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Local tree planting activities across Casey	60.51%	118
Planting more trees around my home	55.38%	108
Planting a local, community food forest	57.44%	112
Helping to care for trees in my local area	35.90%	70
Helping gather information about existing trees in your local area	38.97%	76
Celebrations for existing significant trees (e.g. historical or bush tucker tours)	42.05%	82
Educational activities to help me grow and maintain trees on my property	51.28%	100
Other	6.67%	13

### 17. Would you like to review and comment on the City of Casey's draft Urban Forest Strategy? Required

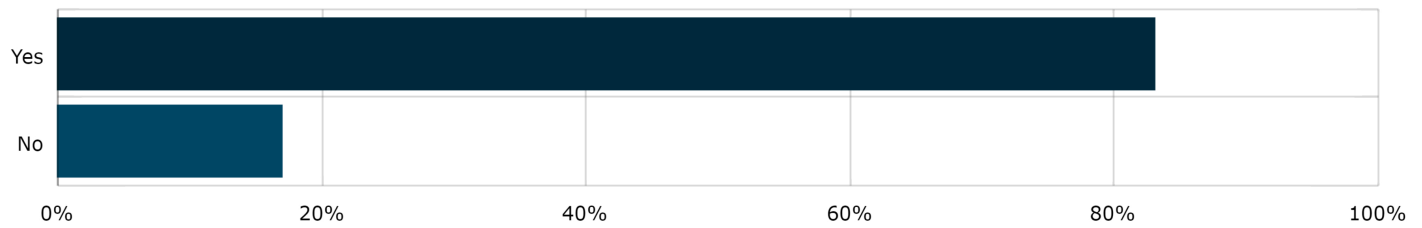
Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Yes	52.31%	102
No	26.15%	51
Unsure?	21.54%	42
Total	100.00%	195

18. Would you like to be kept updated about opportunities to participate in Casey's urban forest? Required

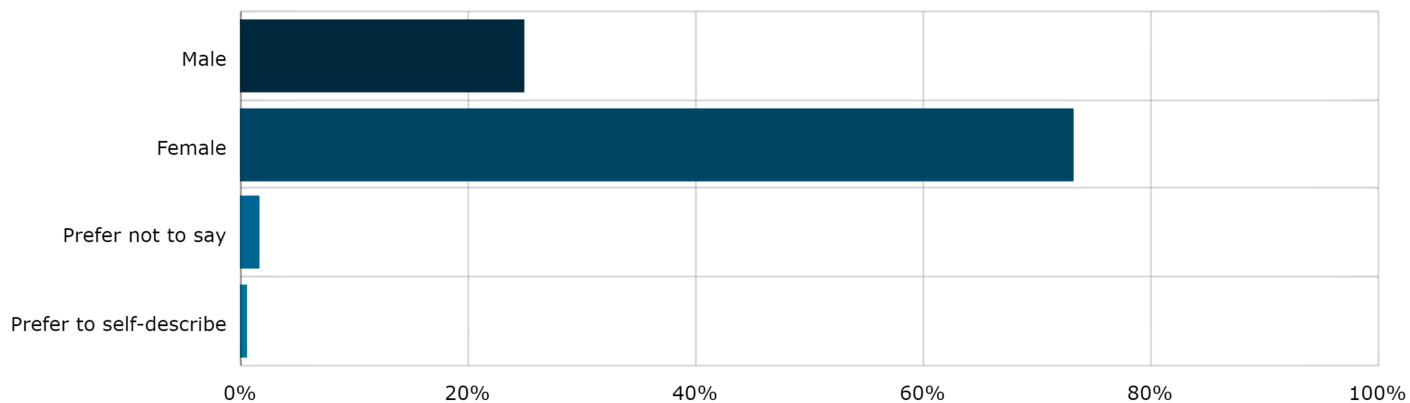
Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Yes	83.08%	162
No	16.92%	33
Total	100.00%	195

## 19. Gender Required

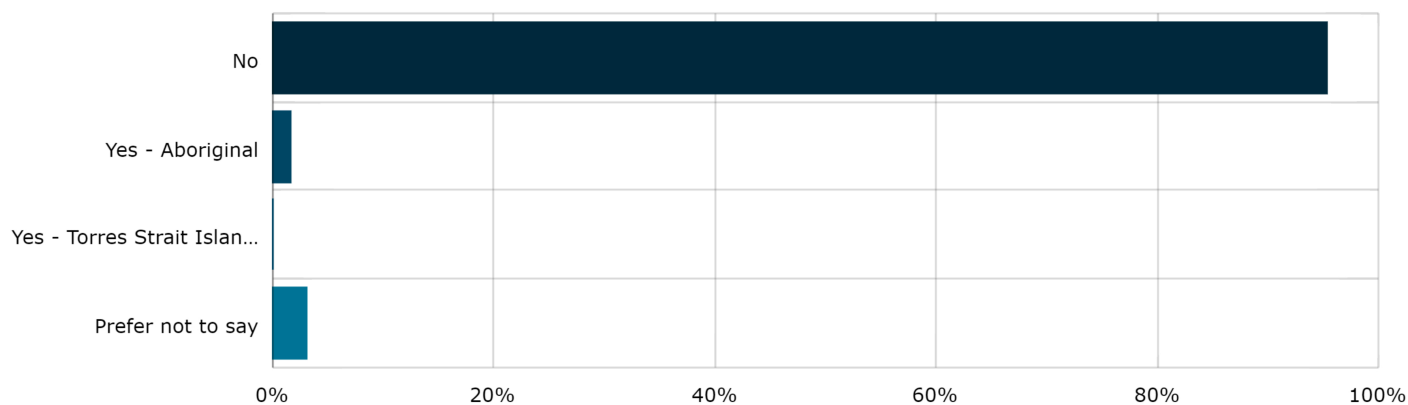
Select Box | Skipped: 2 | Answered: 193 (99%)



Answer choices	Percent	Count
Male	24.87%	48
Female	73.06%	141
Prefer not to say	1.55%	3
Prefer to self-describe	0.52%	1
Total	100.00%	193

## 20. Are you Aboriginal or Torres Strait Islander? Required

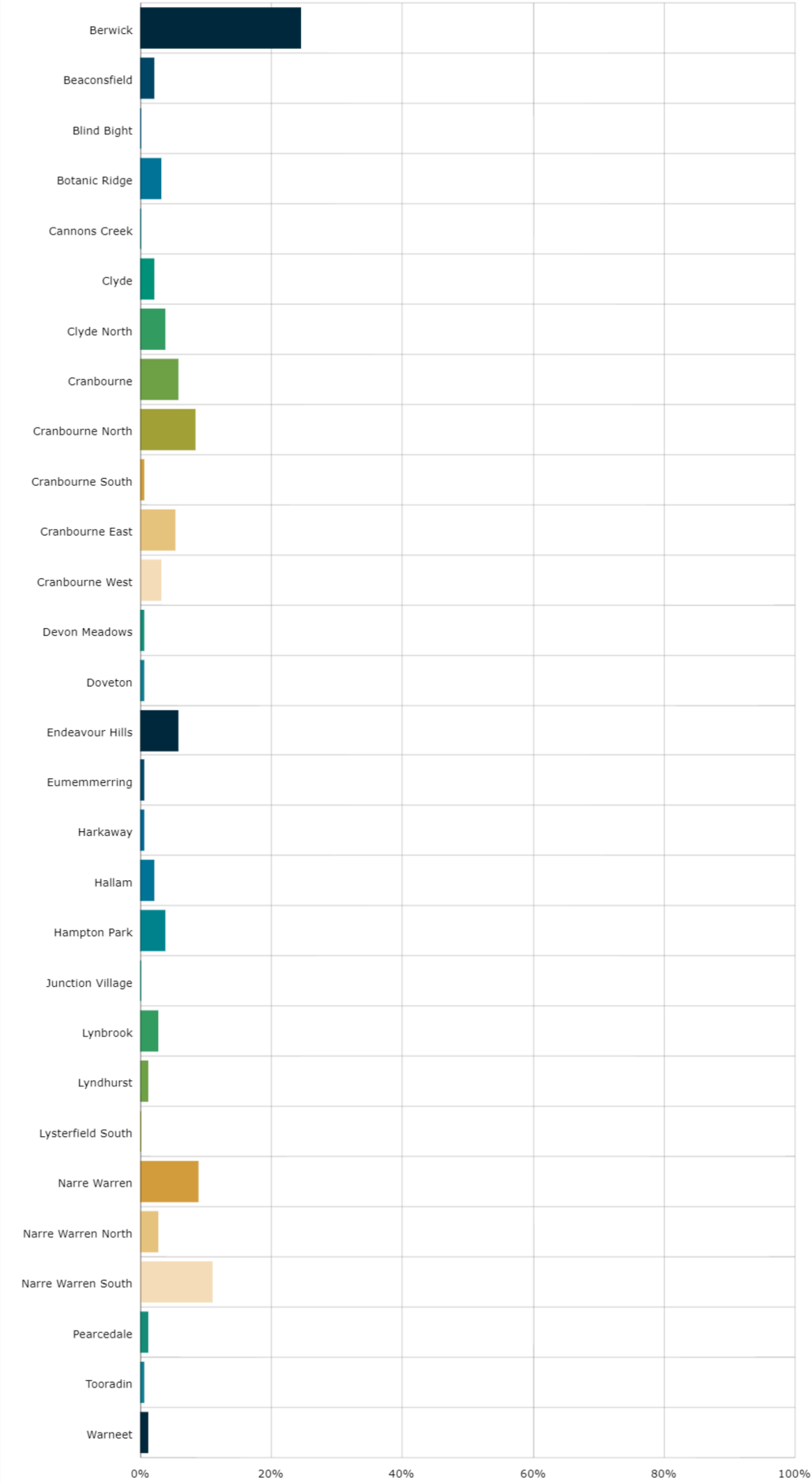
Multi Choice | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
No	95.38%	186
Yes - Aboriginal	1.54%	3
Yes - Torres Strait Islander	0%	0
Prefer not to say	3.08%	6

**21. Please select your suburb**

Select Box | Skipped: 2 | Answered: 193 (99%)

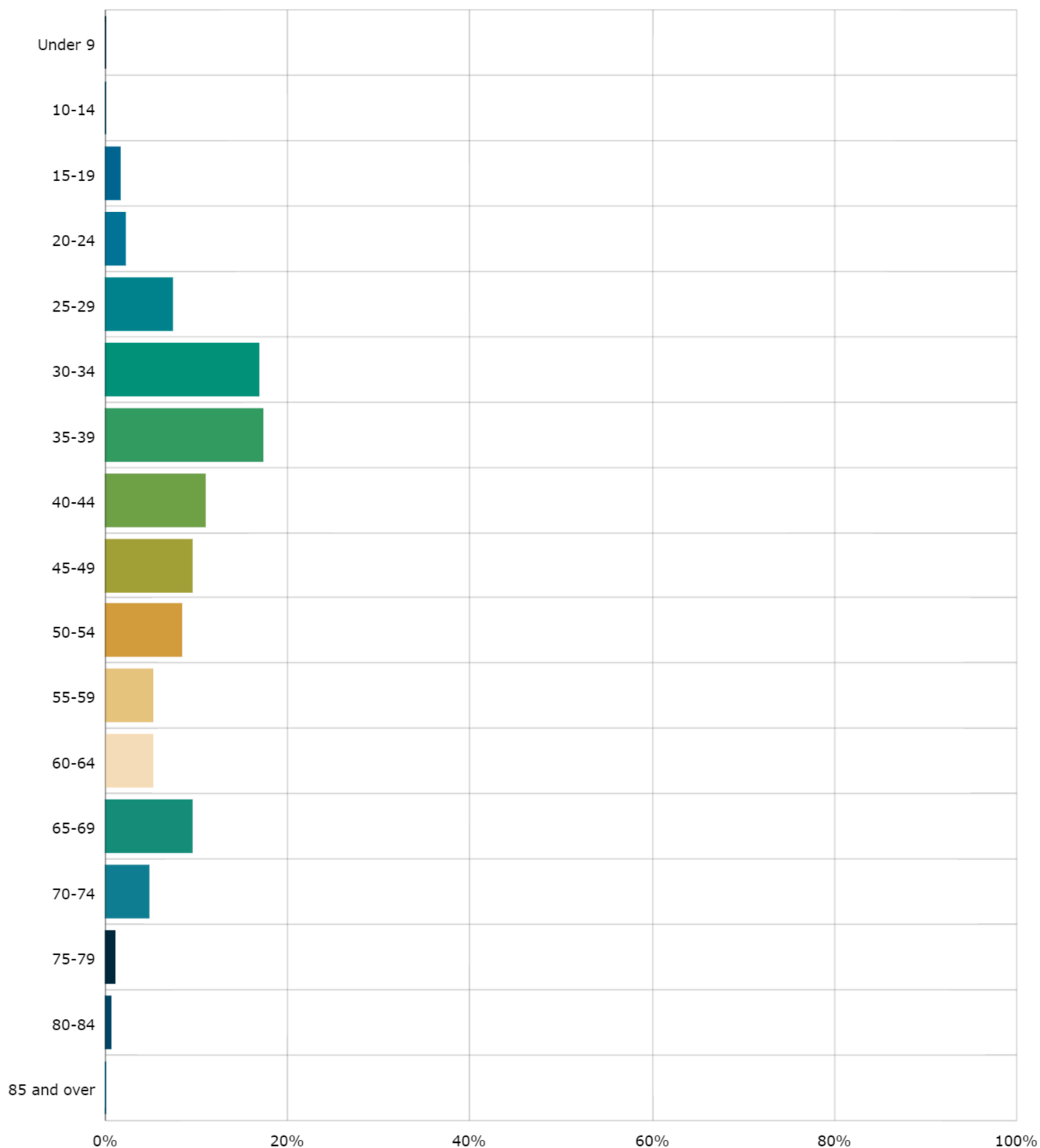


Answer choices	Percent	Count
Berwick	24.35%	47
Beaconsfield	2.07%	4
Blind Bight	0%	0
Botanic Ridge	3.11%	6
Cannons Creek	0%	0
Clyde	2.07%	4
Clyde North	3.63%	7
Cranbourne	5.70%	11
Cranbourne North	8.29%	16
Cranbourne South	0.52%	1
Cranbourne East	5.18%	10
Cranbourne West	3.11%	6
Devon Meadows	0.52%	1
Doveton	0.52%	1

Endeavour Hills	5.70%	11
Eumemmerring	0.52%	1
Harkaway	0.52%	1
Hallam	2.07%	4
Hampton Park	3.63%	7
Junction Village	0%	0
Lynbrook	2.59%	5
Lyndhurst	1.04%	2
Lysterfield South	0%	0
Narre Warren	8.81%	17
Narre Warren North	2.59%	5
Narre Warren South	10.88%	21
Pearcedale	1.04%	2
Tooradin	0.52%	1
Warneet	1.04%	2
Total	100.00%	193

## 22. Age Group

Select Box | Skipped: 4 | Answered: 191 (97.9%)

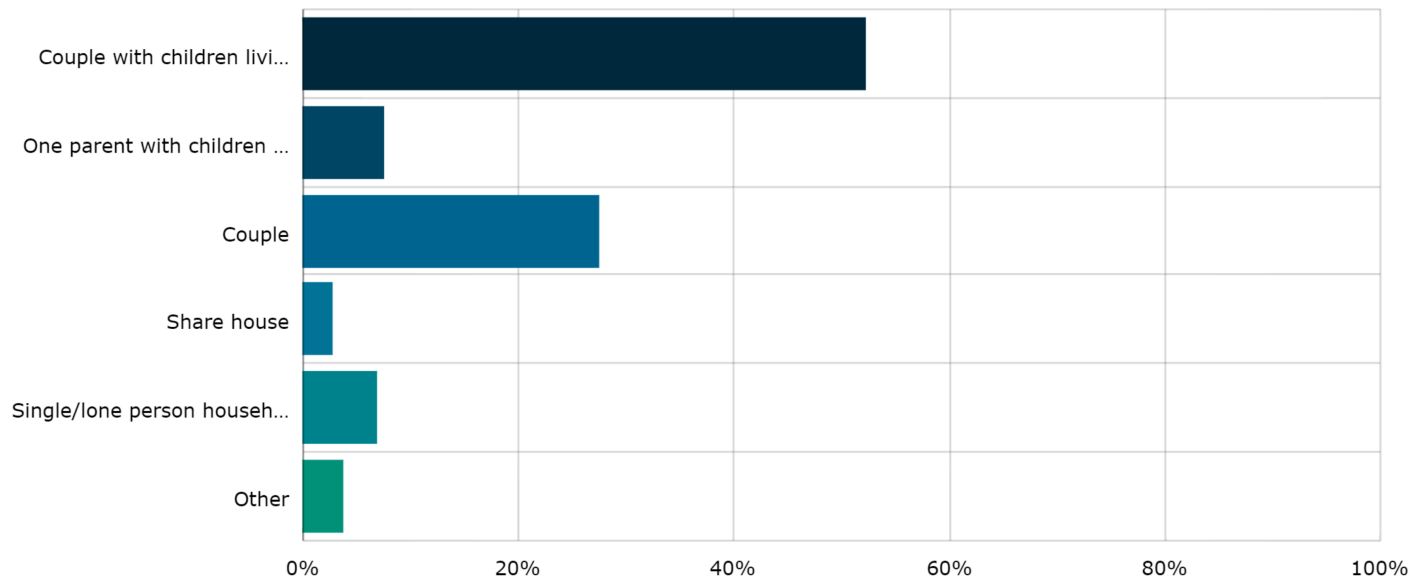


Answer choices	Percent	Count
Under 9	0%	0

10-14	0%	0
15-19	1.57%	3
20-24	2.09%	4
25-29	7.33%	14
30-34	16.75%	32
35-39	17.28%	33
40-44	10.99%	21
45-49	9.42%	18
50-54	8.38%	16
55-59	5.24%	10
60-64	5.24%	10
65-69	9.42%	18
70-74	4.71%	9
75-79	1.05%	2
80-84	0.52%	1
85 and over	0%	0
Total	100.00%	191

### 23. Household Type

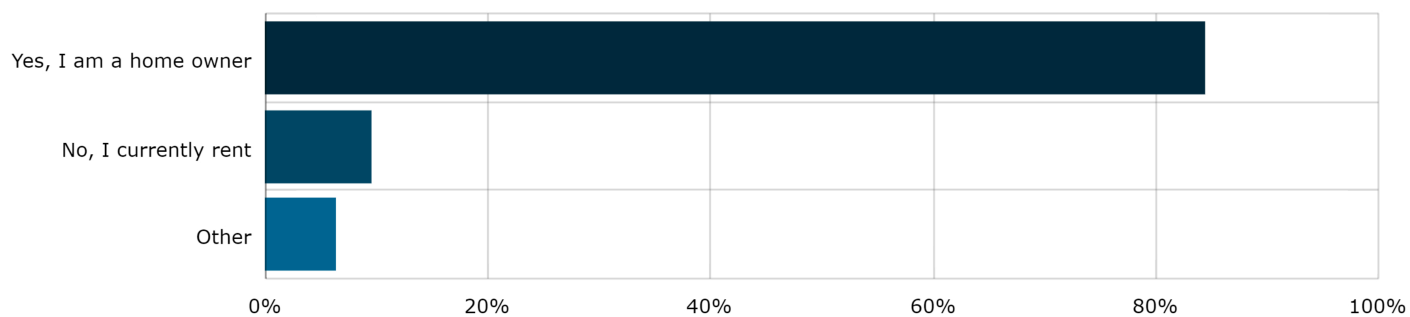
Select Box | Skipped: 5 | Answered: 190 (97.4%)



Answer choices	Percent	Count
Couple with children living at home	52.11%	99
One parent with children at home	7.37%	14
Couple	27.37%	52
Share house	2.63%	5
Single/lone person household	6.84%	13
Other	3.68%	7
Total	100.00%	190

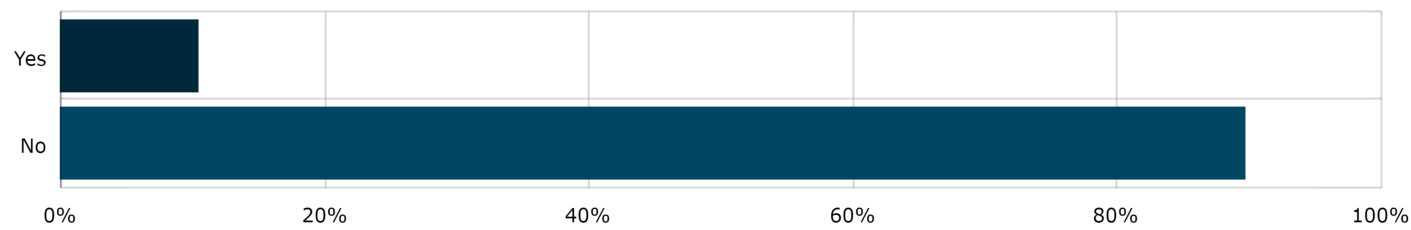
#### 24. Are you a home owner or do you currently rent your property?

Select Box | Skipped: 4 | Answered: 191 (97.9%)



Answer choices	Percent	Count
Yes, I am a home owner	84.29%	161
No, I currently rent	9.42%	18
Other	6.28%	12
Total	100.00%	191

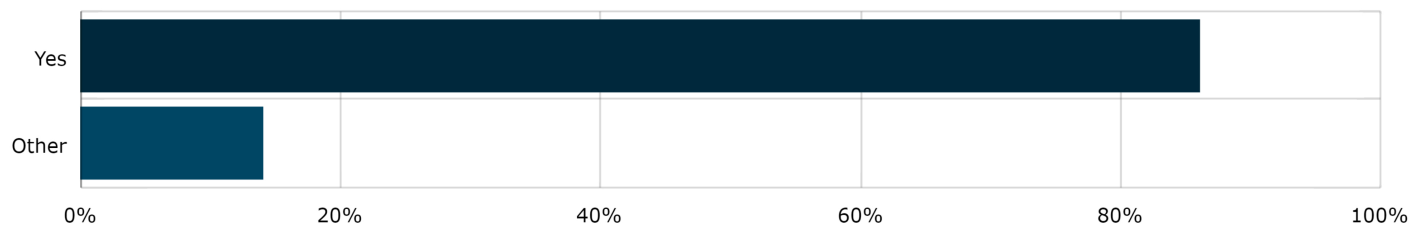
25. Do you own a business in Casey?  
Select Box | Skipped: 3 | Answered: 192 (98.5%)



Answer choices	Percent	Count
Yes	10.42%	20
No	89.58%	172
Total	100.00%	192

## 26. Is English your first language?

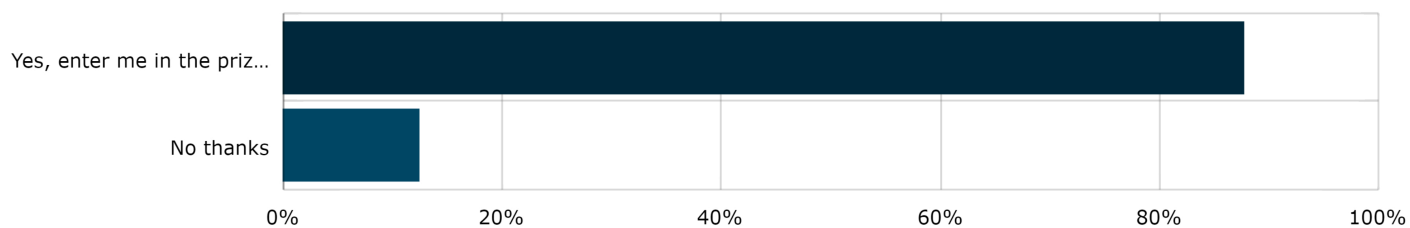
Select Box | Skipped: 2 | Answered: 193 (99%)



Answer choices	Percent	Count
Yes	86.01%	166
Other	13.99%	27
Total	100.00%	193

## 27. Would you like to enter the prize draw to win one of three Westfield Shopping Vouchers? Required

Select Box | Skipped: 0 | Answered: 195 (100%)



Answer choices	Percent	Count
Yes, enter me in the prize draw	87.69%	171
No thanks	12.31%	24
Total	100.00%	195

## Appendix 2

### Casey Conversations:

Are there any specific locations in Casey where you would like to see more trees?

SCREEN NAME	SUBMISSION	ADDRESS	LATITUDE	LONGITUDE
39joe	Add small garden with pretty roses and tulips	50 Grant Street, Cranbourne Victoria 3977, Australia	-38.11963774	145.28017923
Cleo	Add duckies and lovely likly pads	19e Hickory Drive, Narre Warren South Victoria 3805, Australia	-38.05872094	145.31524575
Nelly	Beautiful fountain with colored koi fish and pond.	3 The Lough Court, Narre Warren North Victoria 3804, Australia	-37.99404487	145.33357544
Nelly	Rock garden with seated paintings from community	690 Western Port Highway, Cranbourne West Victoria 3977, Australia	-38.09932745	145.23878618
Jttj	Japanese Maples, Large Oaks and Gumtrees near Hwy.	61i Paramount Boulevard, Cranbourne West Victoria 3977, Australia	-38.09094952	145.24688432
Collen	Proper stone wall beautiful made garden landscapes	3977, Cranbourne West, Victoria, Australia	-38.08816805	145.24065512
Todd	Park needs more trees	22t Ashmore Avenue, Narre Warren South Victoria 3805, Australia	-38.07128519	145.31547134
Todd	More trees needed	Ray Bastin Skate Park Narre Warren, Melbourne, Victoria 3805, Australia	-38.03378090	145.30722314
Todd	Needs more trees	166i Rosebank Drive, Cranbourne North Victoria 3977, Australia	-38.07679376	145.29483034
Todd	Main Street planting needs revitalisation	119 High Street, Cranbourne Victoria 3977, Australia	-38.10996873	145.28337390
Todd	Be good to create a park here.	180 William Thwaites Boulevard, Cranbourne North Victoria 3977, Australia	-38.08679634	145.31558718
Todd	Needs more trees to create windbreak	1085 South Gippsland Highway, Cranbourne Victoria 3977, Australia	-38.08283569	145.27614026
Elle333	BBQ Shelter with vines, pretty seat flowers/garden	3977, Cranbourne West, Victoria, Australia	-38.09812896	145.24460210
Jamie	Water plants types, stones and logs for duck lake	11 The Terrace, Narre Warren South Victoria 3805, Australia	-38.05854310	145.31502
Fiona	Add more trees here and gardens	8e Neesan Court, Hampton Park Victoria 3976, Australia	-38.04761216	145.27859979
Fiona	Add pretty garden and duck pond very bare here	9 The Terrace, Narre Warren South Victoria 3805, Australia	-38.05835376	145.31502422
Jj	Add New Tall Lovely Trees & More Garden Themes	59 Beauford Avenue, Narre Warren South Victoria 3805, Australia	-38.06995849	145.32728737
Katelyn	Create a Enterance point somewhere here with gate	97e Missens Road, Cranbourne West Victoria 3977, Australia	-38.08748137	145.24507924
Edgar72	agreed to new dog parks and provided pet taps/bath	90e Golden Grove Drive, Narre Warren South Victoria 3805, Australia	-38.07072586	145.29618957
Edgar72	walkway w/ground lights and romantic tree swings.	7i Atlas Drive, Cranbourne West Victoria 3977, Australia	-38.10497428	145.23698949
HollyTree	Add sweet red roses & warm coloured stone walls ðŸŒŠ	3977, Cranbourne West, Victoria, Australia	-38.09338766	145.23977101
Ferri	Add a few nice gum and redgums here along road	48w Craig Road, Devon Meadows Victoria 3977, Australia	-38.14447668	145.29377504
Todd	More trees req around basin here	25 Guildford Crescent, Narre Warren Victoria 3805, Australia	-38.01076131	145.28638071
Todd	More trees in this area would be nice	45 Bunbury Avenue, Hallam Victoria 3805, Australia	-38.00673886	145.28751903
Todd	Trees lining path around lake would be nice.	30 Lauderdale Road, Narre Warren Victoria 3805, Australia	-38.02381618	145.31037507
Todd	Street trees req in tree cut outs in path	50 Victor Crescent, Narre Warren Victoria 3805, Australia	-38.02171784	145.31142472
Todd	Be good to have more trees along trail/path	14 Menindee Terrace, Hampton Park Victoria 3976, Australia	-38.02607350	145.28593381
Todd	Good to see shrubbery/wildlife habitat	1-11i Buckeye Drive, Hallam Victoria 3803, Australia	-38.01637831	145.28320834
Todd	More trees along creek	4 Dalbury Place, Narre Warren Victoria 3805, Australia	-38.00846295	145.31811109
Todd	More trees around reserve	Ernst Wanke Road, Narre Warren North Victoria 3805, Australia	-37.99760962	145.31853379
Todd	More trees around the basin would be preferable	31 Song Street, Narre Warren Victoria 3805, Australia	-38.00921890	145.31353678

SCREEN NAME	SUBMISSION	ADDRESS	LATITUDE	LONGITUDE
Todd	More trees along here would be nice	1i Ernst Wanke Road, Narre Warren Victoria 3804, Australia	-37.99550524	145.30205134
Todd	More trees around perimeter would be good	89-119i Maramba Drive, Narre Warren Victoria 3805, Australia	-38.00263364	145.30043018
Recee	Place some water plants here, we need more variety	66 Sussex Avenue, Cranbourne North Victoria 3977, Australia	-38.07161869	145.28388880
Todd	Need more trees in this reserve	62 Aleppo Place, Cranbourne Victoria 3977, Australia	-38.08685368	145.29347179
Todd	More trees req along this stretch Infront of shops	5e Chapel Street, Lynbrook Victoria 3975, Australia	-38.04106732	145.25074112
Todd	More trees in this whole area around wetlands	151r Drysdale Avenue, Narre Warren North Victoria 3805, Australia	-37.99830714	145.28737032
Todd	Needs more trees up around the steps	188t Quarry Road, Narre Warren North Victoria 3805, Australia	-38.00319277	145.32705459
Todd	Opportunity for more larger trees	25 The Esplanade, Narre Warren South Victoria 3805, Australia	-38.06526060	145.32665266
Todd	Needs more large trees	26-34i Jessie Street, Cranbourne North Victoria 3977, Australia	-38.08110347	145.29409721
Todd	remove non native trees along river. need natives	31 Springfield Drive, Narre Warren Victoria 3805, Australia	-38.01585921	145.28685884
Todd	Needs more trees in old library/civic area	Narre Warren Library, Melbourne, Victoria 3805, Australia	-38.01930132	145.30237803
M	More native green in the growth area please :)	11 Arcola Street, Clyde North Victoria 3978, Australia	-38.12257846	145.36743736
Joy53	Add beautiful waterplants and wild fish so lovely	2 The Lough Court, Narre Warren North Victoria 3804, Australia	-37.99366111	145.33292918
Joy53	Add water plants for beauty n eco health here	3806, Harkaway, Victoria, Australia	-37.99893042	145.35466373
Gracie	Yess We need more fountains and landscape beauty	Bayview Equestrian Trail, Narre Warren North Victoria 3805, Australia	-38.00196611	145.32872180
Joy53	We need a big beautiful water plant pond aye! ðŸŒŸ	Bayview Equestrian Trail, Narre Warren North Victoria 3805, Australia	-38.00009295	145.32822532
Joy53	Add Big Lovely Birthbath Fountain & lilly plantsðŸŒŸŠ	20 Outlook Drive, Berwick Victoria 3806, Australia	-38.02423587	145.34151227
Joy53	Add lovely birdbath fountain here for pigeons ðŸŒŸ€	15 Carramar Road, Cranbourne South Victoria 3977, Australia	-38.14754902	145.23423713
Joy53	Lovely maple trees for pigeons to next/rest on	20 Langley Road, Cranbourne South Victoria 3977, Australia	-38.14903059	145.23269322
Joy53	Add Lilly Lotus & Water plants attracts guests ðŸŒŸ	75w Greaves Road, Berwick Victoria 3806, Australia	-38.06055357	145.32989226
Joy53	Add a pretty zen pond with hibiscus and lilys	69a Darling Way, Narre Warren Victoria 3805, Australia	-38.03873139	145.32678259
Joy53	Very needed Gumtrees eliminating Petroleum air!	67 Edrington Park Drive, Berwick Victoria 3806, Australia	-38.04026697	145.35774098
Joy53	Important Gumtrees suck in Petroleum emissions!!	Ferdinand Dirve, Berwick Victoria 3806, Australia	-38.07541046	145.37220597
Joy53	We add a heap of Maple trees here and Pines here	105 Patterson Road, Officer South Victoria 3809, Australia	-38.10717510	145.41216419
Joy53	Native Gumtrees near Hwys reducing emissions!!!	100 Manks Road, Clyde Victoria 3978, Australia	-38.16409147	145.33214188
Joy53	Will be wonderful for trees to be regrown here	108 Browns Road, Botanic Ridge Victoria 3977, Australia	-38.15040547	145.26949967
Joy53	Yess cherry blossom trees how beautiful!	690 Western Port Highway, Cranbourne West Victoria 3977, Australia	-38.09817517	145.23806004
Tony	Agreeing on Jacaranda trees & add wooden swing :)	640w Western Port Highway, Cranbourne West Victoria 3977, Australia	-38.09227574	145.23796011
Short	Short	1290 Thompsons Road, Cranbourne Victoria 3977, Australia	-38.08352236	145.28121018
MaduraMJ	More trees around the new Office Works, KFC etc.	6 Springhill Drive, Cranbourne Victoria 3977, Australia	-38.08486365	145.28307235
Gibson	The Hallam Valley Trail Extension needs trees.	45s Warren Close, Narre Warren Victoria 3805, Australia	-38.03378140	145.31264176

SCREEN NAME	SUBMISSION	ADDRESS	LATITUDE	LONGITUDE
Napoleon	Include a dog park section at Casey Central Park!	90e Golden Grove Drive, Narre Warren South Victoria 3805, Australia	-38.07057348	145.29590892
Karen Young	Hallam Main drain	23a Blackwood Drive, Hampton Park Victoria 3976, Australia	-38.02453763	145.27200752
Sam	In the recent storm, over 8 trees fell over.	24 Bellis Circuit, Botanic Ridge Victoria 3977, Australia	-38.14361498	145.25040779
Noel	Plenty of space for trees.	105 Wanda Road, Cranbourne South Victoria 3977, Australia	-38.13790775	145.24070548
Brianna	Defiently needs more shade and tall trees here	14 The Esplanade, Narre Warren South Victoria 3805, Australia	-38.06336666	145.32450395
Brianna	Themed Park Forest with Zen Garden & Relax space.	997 Western Port Highway, Cranbourne West Victoria 3977, Australia	-38.10419410	145.23523091
Bj	This looks very industrial at the moment.	St John of God Hospital, 1 Gibb St., Melbourne, Victoria 3806, Australia	-38.034697	145.345238
1	needs more trees	70 Roslyn Road, Cranbourne South Victoria 3977, Australia	-38.14272446	145.23286266
Chloe	Something different with lovely cherry blossoms!	3977, Cranbourne West, Victoria, Australia	-38.09338797	145.24358407
Owen	Maple trees and nice looking colours planted	598-654p Princes Highway, Berwick Victoria 3806, Australia	-38.02915100	145.32985563
Gala	Fix the tree population in the SW Areas	6 Cassinia Close, Botanic Ridge Victoria 3977, Australia	-38.14743600	145.24664797
pnpinto	Evans Road	485 Evans Road, Lynbrook Victoria 3975, Australia	-38.06777052	145.26119391
pnpinto	Evans Road	340s Evans Road, Lyndhurst Victoria 3975, Australia	-38.07848428	145.25895058
pnpinto	south end of Lawson Poole Reserve Cranbourne	36 Marylyn Place, Cranbourne Victoria 3977, Australia	-38.08542669	145.27559487
62 Moondarra Dr	Front garden	62 Moondarra Drive, Berwick Victoria 3806, Australia	-38.06449075	145.33008304
Nigel	More shade	62 Moondarra Drive, Berwick Victoria 3806, Australia	-38.06439724	145.33010190
Kerry Crompton	A perfect area for a diverse urban forest	480 Western Port Highway, Cranbourne West Victoria 3977, Australia	-38.10019673	145.23771755
kerry	new trees required to replace ones lost in storms	33-41i Bellis Circuit, Botanic Ridge Victoria 3977, Australia	-38.14233298	145.25119334
kerry	Sadly much damage in the trees and nature here	130 Browns Road, Botanic Ridge Victoria 3977, Australia	-38.14830970	145.25386877
kerry	This area has never been finished by the developer	16 Sandstone Drive, Botanic Ridge Victoria 3977, Australia	-38.14246048	145.26066144
Pmac	replace trees removed by road widening	B668, Berwick Victoria 3806, Australia	-38.06086113	145.34372790
jpwilliams1	This area would suit river redgums	151r Drysdale Avenue, Narre Warren North Victoria 3804, Australia	-37.99799525	145.28676164
aimeelee	Along the nature strips and pathways	38 Cobblestone Avenue, Narre Warren South Victoria 3805, Australia	-38.05151957	145.31317350
AS	Entry into township - more avenue trees	3912, Pearcedale, Victoria, Australia	-38.20329197	145.24483272
Brodie	It needs new trees	Casey Fields Criterium, Berwick - Cranbourne rd, Melbourne, Victoria 3977, Australia	-38.12544939	145.31295191
Brodie	It needs a tree for things	7a Telford Court, Hampton Park Victoria 3976, Australia	-38.02184434	145.25190574
Brodie	It needs trees	30a Green Valley Crescent, Hampton Park Victoria 3976, Australia	-38.02938152	145.26602580
Brodie	Because they need new trees	6-14i Glenshee Drive, Lynbrook Victoria 3975, Australia	-38.04838642	145.25862492
Tom	This section of path has no shade at all	Glasscocks Road, Narre Warren South Victoria 3805, Australia	-38.07126690	145.29714229

SCREEN NAME	SUBMISSION	ADDRESS	LATITUDE	LONGITUDE
Linda	The steps	Bayview Equestrian Trail, Narre Warren North Victoria 3805, Australia	-38.00289542	145.32814898
Zeena	Lots of dense small forest patches across Casey	13 Technology Circuit, Hallam Victoria 3803, Australia	-38.01206807	145.26049709
Eastern Grey Roos	All along Pearcedale and Browns Rds Botanic Ridge	230i Pearcedale Road, Botanic Ridge Victoria 3977, Australia	-38.14088192	145.24745388
Small bird	Gardens of small shrubs for native birds.	1 Azure Place, Narre Warren South Victoria 3805, Australia	-38.06785409	145.31326081
Katelyn	new park garden	3977, Cranbourne West, Victoria, Australia	-38.09109688	145.24153943
Mon	Mon	Bayview Equestrian Trail, Narre Warren North Victoria 3805, Australia	-38.00179190	145.33201448
Treestwo	More Shading and pleasant looking tall trees.	10 Jeepster Way, Cranbourne South Victoria 3977, Australia	-38.12710793	145.23420624
H	Needs way more Trees & nice flowers such as Roses.	45 Volk Road, Cranbourne West Victoria 3977, Australia	-38.08496786	145.25491793
Lucca	Replace the previously removed gum tree	38 High Street, Berwick Victoria 3806, Australia	-38.03095311	145.34419700
Nick	Fill in gaps in avenue planting	727 Princes Highway, Berwick Victoria 3806, Australia	-38.03050917	145.33705963
Nick	Whole area could be forested.	48a Hessel Road, Berwick Victoria 3806, Australia	-38.01718441	145.32958210
Nick	Carpark tree canopy is very poor	215-230 Parkhill Drive, Berwick Victoria 3806, Australia	-38.01474144	145.32309992
Nick	From the freeway to harkaway should be forested	Ernst Wanke Road, Berwick Victoria 3806, Australia	-38.01504125	145.32690742
Nick	Empty land all along Ernst Wankee road	Ernst Wanke Road, Narre Warren Victoria 3805, Australia	-37.99611988	145.29507710
TimGeo84	"Central park" of Casey, endless canopy of trees	3977, Cranbourne West, Victoria, Australia	-38.09945166	145.24092357
TimGeo84	Random walking trails surrounded by European trees	113 Strathlea Drive, Cranbourne West Victoria 3977, Australia	-38.10481138	145.24109569
TimGeo84	Pines and more acorn style trees in median strip	1005 Cranbourne - Frankston Road, Cranbourne West Victoria 3977, Australia	-38.11003277	145.25866224
TimGeo84	Grand archway style road with huge tree for impact	7i Atlas Drive, Cranbourne West Victoria 3977, Australia	-38.10691241	145.23779111
TimGeo84	A large forest style park with a wide variety	635s Hall Road, Cranbourne West Victoria 3977, Australia	-38.10748964	145.23969300
Beth	This street needs more trees.	18 Tetrabine Way, Lyndhurst Victoria 3975, Australia	-38.06197893	145.24922210
KrÃ's	More trees around the homemaker centre	Jaycar Electronics, 398 South Gippsland Highway, Melbourne, Victoria 3977, Australia	-38.08535997	145.27979494
melissa_perks	This area is lacking larger street trees.	22 Stirling Avenue, Cranbourne North Victoria 3977, Australia	-38.07009446	145.26654036
melissa_perks	The trees along this path were removed, no shade.	1200 Thompsons Road, Cranbourne Victoria 3977, Australia	-38.08235576	145.27537875
T	Somewhere here grow small Community Vegetables.	120-130 Hallam Road, Hampton Park Victoria 3976, Australia	-38.02191590	145.27069458
Ssteven	Seems quite a bare stretch of ground here.	Cranbourne Road, Narre Warren South Victoria 3805, Australia	-38.06986624	145.29742970
Geeta	This spot looks bare and unattractive right now.	11 Pengana Way, Cranbourne West Victoria 3977, Australia	-38.08999616	145.25713413
Stacey	No shade and newly planted trees are dying	4 Pimelia Mews, Botanic Ridge Victoria 3977, Australia	-38.14579501	145.24986920
Stacey	trees planted here provide no shade over playgroun	10 Morinda Drive, Botanic Ridge Victoria 3977, Australia	-38.14457664	145.25388962
Leena	This can be a cool chillout park for picnics!	3 Killearn Avenue, Cranbourne West Victoria 3977, Australia	-38.10237738	145.24275180

SCREEN NAME	SUBMISSION	ADDRESS	LATITUDE	LONGITUDE
Paige & Aaron	Interested in helping create a community garden	1-7 Enterprise Avenue, Berwick Victoria 3806, Australia	-38.03837403	145.34135275
Masc762	Pine trees or conifers to provide shade in summer	43 Frankland Street, Clyde North Victoria 3978, Australia	-38.10123352	145.32616984
Jason	Casey Fields looks barren and dull from the front	Casey Football Ground, 160 Berick Cranbourne Rd, Melbourne, Victoria 3977, Australia	-38.11781766	145.30890292
Ljj	We need Native Trees in abandoned/unused land.	3978, Cardinia, Victoria, Australia	-38.16794570	145.40103310
Sam	Such a great space which many people use.	95-115i Avebury Drive, Berwick Victoria 3806, Australia	-38.02305048	145.32775982
Planthaven	unused land for cherry & maple trees to enjoy	3 Killearn Avenue, Cranbourne West Victoria 3977, Australia	-38.10324588	145.23940299
TreesOfChange	Perfect for lovely Cherry Blossom/Jacaranda Garden	3977, Cranbourne West, Victoria, Australia	-38.09653634	145.24094862
Caz	Replace trees destroyed in road building.	O'shea Road, Berwick Victoria 3806, Australia	-38.06019440	145.34089025
A	Trees	16 Kenton Walk, Narre Warren South Victoria 3805, Australia	-38.06173228	145.28723925

We respectfully acknowledge that every project enabled or assisted by HIP V. HYPE in Australia exists on traditional aboriginal lands which have been sustained for thousands of years.

We honour their ongoing connection to these lands, and seek to respectfully acknowledge the traditional custodians in our work.

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HIP V. HYPE Sustainability Pty Ltd is a Climate Active certified carbon neutral business.

