

# PEEL-HARVEY CATCHMENT COUNCIL



*2017/18 Baseline survey of community attitudes  
towards NRM and the natural environment*

## RESULTS SUMMARY REPORT

5 April 2018

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Principal Consultant;  
David Forrester-Walker BA (Hons), MAMSRS  
**Advantage Communications – Research**  
1<sup>st</sup> Floor 284 Fitzgerald Street, Perth WA 6000  
Ph; (08) 9328 4433 Fax; (08) 9328 5422 [d.walker@iinet.net.au](mailto:d.walker@iinet.net.au)

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## INTRODUCTION

In December 2017 Peel-Harvey Catchment Council (PHCC) commissioned Advantage Communications – Research to conduct a baseline survey of community attitudes towards natural resource management (NRM) and the natural environment as part of the planned activity of the PHCC’s Strategic Directions 2016-2026.

The information that was gathered from the survey is intended to be used to;

1. Provide a baseline to regularly assess levels of community awareness of PHCC, the Peel-Yalgorup Ramsar Wetlands, environmental issues and levels of community engagement with the natural environment;
2. Guide future community engagement and awareness-raising activities of the PHCC; and
3. Inform future PHCC project design.

Specifications from PHCC were that the survey should be;

- *Simple and easy to complete for community members,*
- *Easily repeatable*
- *Statistically valid*
- *Economical*

In summary, the survey was designed to determine:

- 1) What are the community’s environmental priorities?
- 2) Measure community recognition of PHCC
- 3) Understand level of community participation in any activities related to the natural environment or local environmental issues.
- 4) Measure recognition of the Ramsar Convention and the Peel-Yalgorup Ramsar Site.
- 5) Characteristics of the respondent (for weighting of results, and understanding views of subsets of the community).

The community surveyed is made up of those people who reside within communities in each of the four sub-systems within the catchment area. The four sub-systems are:

*Hotham and Williams  
Forest and Scarp,  
Coastal Plain  
Ramsar Wetlands, Coastal and Nearshore.*

PHCC requested that data be collected in a manner which would allow further analysis of responses from certain subsets. These subsets were;

- 1) The 4 sub-systems listed above.
- 2) Three general groups of people based on whether their location in/on; a) Townsites or residential blocks b) rural or semi-rural or c) Farms

In addition PHCC requested the ability to be able to identify if respondents are residents of the catchment area, own land in the catchment or manage lands within the catchment. Unfortunately Advantage informed PHCC that telephone data to be used for the survey did not identify such subsets, and unless a specific question were introduced into the questionnaire lists identifying these people would have to be sourced from elsewhere.

However, when it became apparent that PHCC considered the opinions and behaviours of respondents based on their age would be of great interest, Advantage ensured that responses to each question could be cross-tabulated against age.

A major part of the attached data tables comprises the cross-tabulation of every question again the 4 sub-systems, location, and age of respondents.

## **METHODOLOGY**

### **Telephone survey**

Based on the recommendation of Advantage Communications the survey was conducted by telephone interview. Data collection by phone not only allows a fast turnaround and definable time frame, but also ensures responses are not biased. Bias can occur when using other channels such as mailed or online surveys, in which often only those people who are most vocal or engaged respond.

Advantage Communications sourced residential telephone numbers from its existing databases. The samples were obtained randomly from geographical postcode areas within the PHCC catchment area. The telephone data collection methodology ensured that the survey conformed to PHCC specifications that the final method must:

- 1) Deliver a reliable picture of the overall Catchment community's attitudes and understanding (statistical validity);
- 2) Be able to be easily repeated with a modest budget every 5 years.

It is a standard practice within the market research industry that survey results should achieve a maximum standard error ratio not exceeding 5% at the 95% confidence level. Assuming a sample population no less than around 60,000 household records, a minimum of 400 surveys would suffice to meet this requirement. It was decided that these 400 surveys, would be split roughly evenly between each of the 4 sub-systems, generating no fewer than 100 responses in each area.

Advantage took several steps to ensure a high response rate and therefore maximum feedback. These are:

1. Using the telephone to administer surveys to achieve high levels of response with the shortest possible turnaround from data collection to presentation of the report.
2. Experienced telephone interviewers ensure full understanding and maximum co-operation amongst the respondents
3. Calling took place between 9:00am and 7:00 pm weekdays and Saturday mornings to maximise contacts. At the latter stages of data collection more calling was conducted on weekday evenings and Saturdays in an attempt to speak to a younger demographic between the ages of 15-39.

## **Survey questionnaire**

A draft survey questionnaire was initially supplied by PHCC in the original documentation. Advantage reviewed the question areas in close consultation with PHCC management and made the decided changes or improvements. Furthermore the survey instrument was discussed at a meeting between David Forrester-Walker and staff and representatives of PHCC at a meeting held at PHCC offices on Tuesday 23 January 2018. Subsequent to that meeting additional amendments were made to the questionnaire and supplied to PHCC, and final approval given thereafter. A copy of the approved final questionnaire is included as Attachment 1.

Based on direction received from PHCC, Advantage Communication used its existing telephone data to produce the lists of residents and their phone number from within each of 4 sub systems. In addition two lists were produced for each area, one comprising landlines, and the other mobile numbers. It was anticipated that calls to mobile numbers were more likely to be answered, but that contacts could well have moved out of the PHCC area. Landlines were more likely to be located within the PHCC area but less likely to be answered, and contacts considered more likely to be in an older demographic. In the end both datasets were used in roughly equal proportions.

## **Variations to methodology**

In the early stages of data collection it became apparent that respondents were tending to be in an older demographic than the wider population. It is likely that this bias was primarily due to older people being more likely to be available and to answer their phone, and indeed more likely to have a phone number in the data Advantage had acquired. In response to this PHCC instructed Advantage to take measures to attempt to speak to younger people while staying within the budget for the survey. These measures included asking (on each answered call) if a younger person were available to speak to, calling later in the evenings (up to 7 pm) and calling on Saturdays. In addition on two Saturday shifts all contacts over the age of 39 were not surveyed. This meant that over those two shifts 155 people were spoken to but only 10 surveys completed.

Survey data collection was conducted between Monday February 5<sup>th</sup> and Saturday 24<sup>th</sup> February 2018. A total of 3726 calls were made resulting in 688 contacts of which 410 returned a completed survey. 410 surveys from a population of the order contained within the PHCC area (anywhere from 50,000-100,000 households) returns an error ratio of 4.82% at the 95% confidence level. In other words we can be 95% certain that the response to any question or part of the survey will be within +/-4.82 % of the figure returned if the whole population were surveyed. This is well within the 5% error ratio accepted in Market Research guidelines and required by the Office of the Auditor General Western Australia.



## **Analysis of results**

Completed surveys were checked by supervisory staff immediately after completion, and again by administrative staff prior to input. In addition validation of data collection involved recontacting around 10% of respondents in order to ensure the accuracy and reliability of data collected by telephone interviewers.

Collected data was entered onto Microsoft Excel, and migrated to SPSS Market Research software for the collation and analytical stages. A copy of Microsoft Excel spreadsheet of the collected data has been provided to the PHCC.

Results obtained from the survey are shown on the following pages.

The three sections comprise;

- 1) Statistical Summary and graphical representation of survey results.
- 2) Cross tabulation of data according to; Sub-system, Location of respondent, and Age.  
As per the original specifications and subsequent discussions, PHCC wanted the ability to drill down to the views of certain subsets of the community.
- 3) Weighting of responses against Age.  
Given the concern that respondents to the survey comprised an older demographic to the wider population, weighting of key questions was conducted against age. In this way the responses from younger contacts were given greater significance, and older respondent less. From this it is possible to get an indication of how results may have varied if the age of the sample population had corresponded exactly with the age distribution of the wider population.

Weighting of responses can be conducted on any demographic variable providing that the figures for the distribution of the population as a whole can be ascertained and compared with the characteristics of the survey respondents. In addition whether to conduct such weighting is usually the belief that bias could occur if the population demographics are not replicated in the survey responses. Usually Australian Bureau of Statistics census snapshot data of many demographic characteristics can be readily obtained.

In early discussions between PHCC and Advantage it became apparent that PHCC considered the age of respondents to be of great significance. This was coupled with Advantage's prediction that survey respondents would probably fall more into an older demographic. Throughout the early part of the survey discussions between Advantage and PHCC led to additional measures that Advantage undertook to speak to younger respondents such as calling up to 7.00 pm on weekday evenings and calling on Saturdays. In addition filtering of respondents was conducted so that on every contact a request was made to speak to anyone in the household between the ages of 15 -39. Unfortunately these measures proved to be largely ineffective.

As a result weighting was carried out on age – but limited to that variable, because discussions indicated it was the only demographic variable likely to be of concern. If significant additional analysis of survey results outside the scope of the present brief is conducted, additional variables could possibly be identified as to warrant the weighting of data.

Weighting is performed by comparing the percentage of respondents having a certain characteristic against the percentage having the same characteristic in the wider population. The table below shows the basis of the calculation used to perform the weighting analysis. For example in the survey 2.4% of respondents were aged 15-24. In the wider population over the age of 15, 13% of people fall into the 15-24 age group. Therefore to ensure that the responses of those aged 15-24 year are not underrepresented, their responses should be given additional weight to a factor of 5.4. This calculation was conducted using SPSS market research software. It is unknown whether any other (off the shelf?) software offers the same facility.

### **WEIGHTING TABLE**

<b>Age Group</b>	<b>Actual Survey %</b>	<b>% of Population 15 years and over</b>	<b>Weighting Results</b>
15-24	2.4	13.2	5.4
25-39	9.8	23	2.35
40-54	19.5	26.1	1.3375
55-64	20.7	15.8	0.7647
65+	47.6	21	0.441

In the following report all survey results are represented in the same format as the questions asked of respondents – except for Question 1 which asked for an open ended response to the question;

***Briefly what are the two things that you value most about the natural environment in your area?***

While such open ended questions can provide a wealth of information about respondent opinions, it is difficult to analyse or summarise such opinions as they stand. Therefore early in the conduct of the survey discussions between PHCC and Advantage resulted in the decision to code responses to Question 1 in such a way that answers could be grouped together under specific headings to enable a degree of analysis. A list of coding categories was developed by PHCC, and the coding of responses themselves was conducted by the Advantage administration team.

## **RECOMMENDATIONS FOR FUTURE SURVEYS.**

In the initial RFQ presented to Advantage is the requirement that the survey be easily repeatable. This ensures that the 2018 survey can provide a foundation against which results from subsequent surveys can be assessed, to identify changes or trends in the opinions of the community. For such comparison to occur there must of course be few or no changes to the methodology – particularly the survey questionnaire, it's delivery and the targeting of the sample population. Changes to the questionnaire, method of delivery (from example from phone to online) or using different data than the readily available listed telephone numbers of local residents, can have significant effect on the results and make comparison between surveys impossible.

The survey questionnaire for the 2018 survey was developed with the above in mind, and the questions framed in a manner why would allow comparisons if the same survey were to be repeated in the future.

In addition, the survey is easily repeatable if the same telephone data is available. Over the past 28 years Advantage has sourced telephone data with success from many different suppliers and it is likely that the same data would be available if the survey were repeated in say 5 years time.

Having said that, PHCC did raise the concern that the responses of younger people were of significant concern to them, and they would have preferred more young people to have been surveyed. There may be measures that could be adopted in the future to address this concern for future surveys. Unfortunately none of the readily available data used by Advantage for a multitude of exercises over the years identifies the age of contacts.

The alternative may be for PHCC to use the next 5 years to develop an information source which would enable them to concentrate on certain ages of respondents. This strategy may involve the development of relationships with organisations in the area who primarily deal with young people such as school, colleges, youth groups and the like.

In addition PHCC may decide to develop its own information source by creating a member/subscriber/supporter database. Unfortunately given that these people probably already have an interest in environmental issues, their responses may of course also be biased in terms of environmental opinions and activities.

# Peel-Harvey Catchment Council

Community Survey 2018

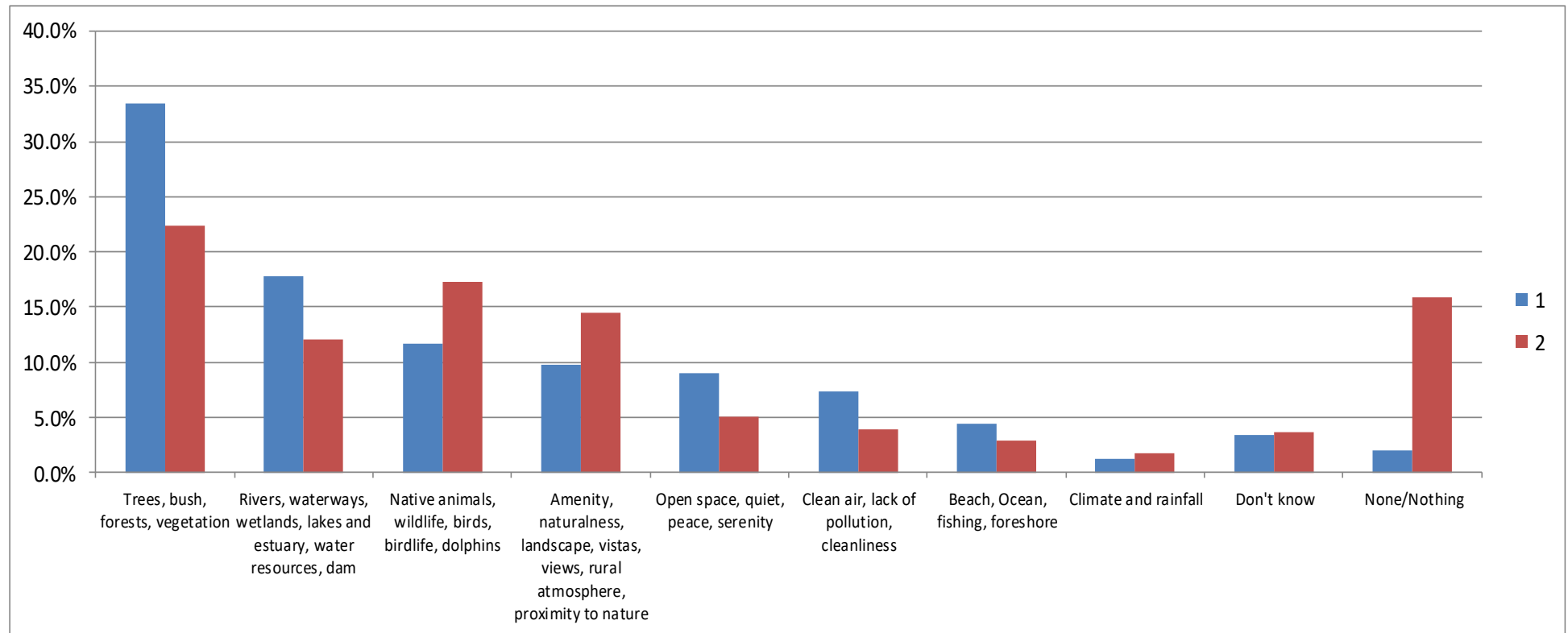
## 1. Summary Tables and Charts

February 2018

**Q1. Overall two things that you value most about the natural environment in your local area**

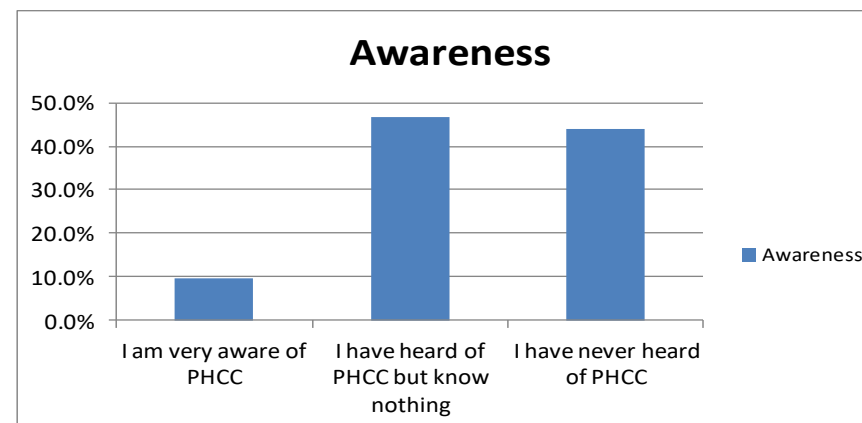
	<b>First response</b>	<b>Second response</b>
Trees, bush, forests, vegetation	137 33.4%	92 22.4%
Rivers, waterways, wetlands, lakes and estuary, water resources, dam	73 17.8%	49 12.0%
Native animals, wildlife, birds, birdlife, dolphins	48 11.7%	71 17.3%
Amenity, naturalness, landscape, vistas, views, rural atmosphere, proximity in nature	40 9.8%	59 14.4%
Open space, quiet, peace, serenity	37 9.0%	21 5.1%
Clean air, lack of pollution	30 7.3%	16 3.9%
Beach, ocean, fishing, foreshore	18 4.4%	12 2.9%
Climate and rainfall	5 1.2%	7 1.7%
Heritage – (European)	0 0.0%	3 0.7%
Don't know	14 3.4%	15 3.7%
None/Nothing	8 2.0%	65 15.9%

# Q1 The two things you value the most

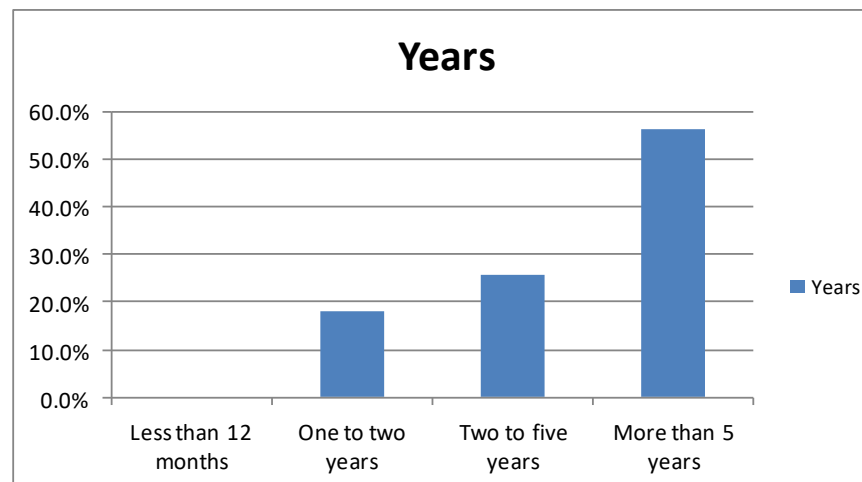


**Q2 How aware are you of the Peel-Harvey Catchment Council or PHCC (prior to this survey) ?**

Awareness	Overall
I am very aware of PHCC	39 9.5%
I have heard of PHCC but know nothing	191 46.6%
I have never heard of PHCC	180 43.9%



How long have you been aware	Overall
Less than 12 months	0 0.0%
1 – 2 years	7 17.9%
2 – 5 years	10 25.6%
More than 5 years	22 56.4%

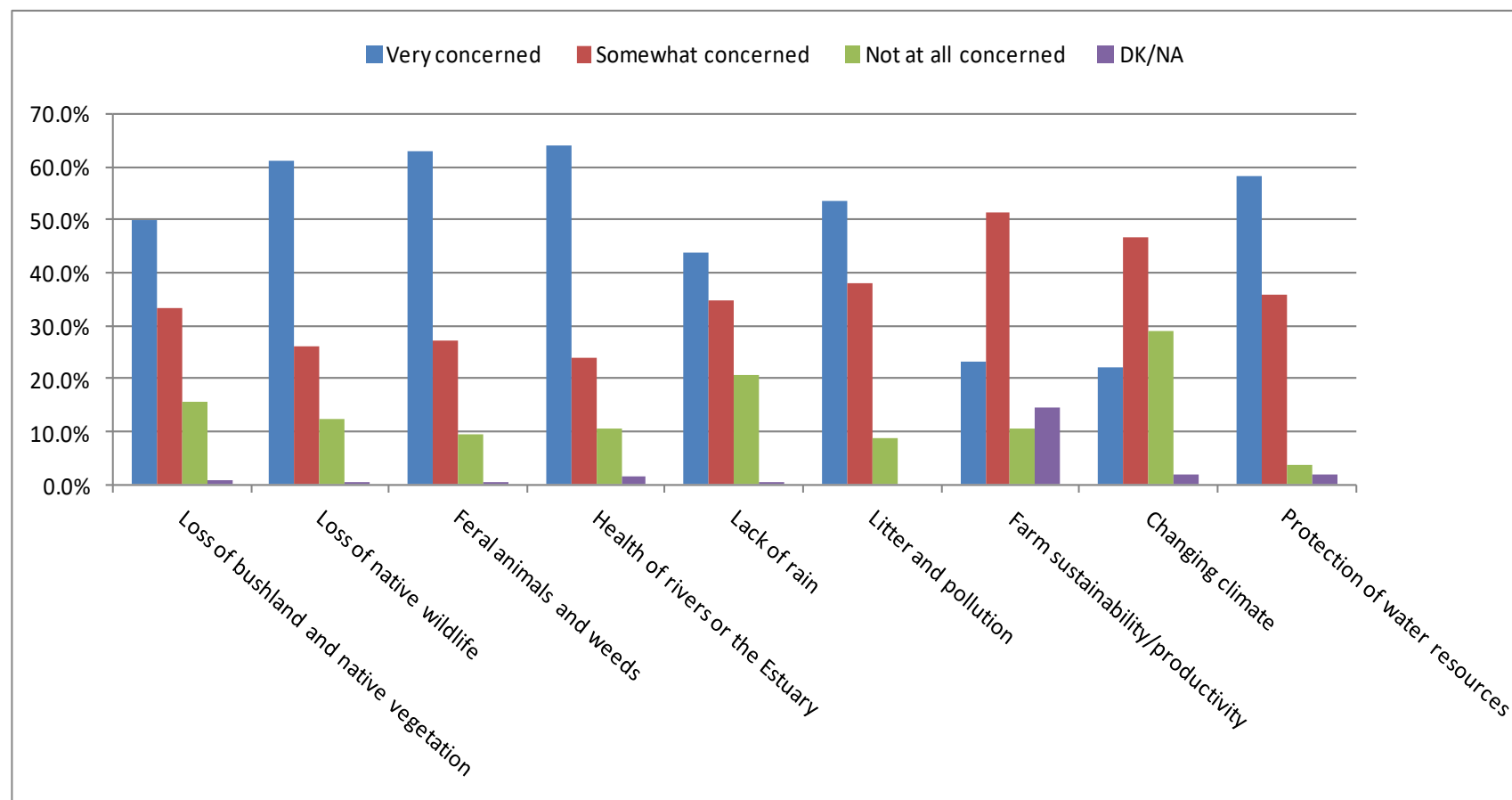




### Q3 Environmental concerns for your area

	<b>Very concerned</b>	<b>Somewhat Concerned</b>	<b>Not at all concerned</b>	<b>DK/NA</b>
a. Loss of bushland and native vegetation	205 50.0%	137 33.4%	64 15.6%	4 1.0%
b. Loss of native wildlife	250 61.0%	107 26.1%	51 12.4%	2 0.5%
c. Feral animals and weeds	258 62.9%	111 27.1%	39 9.5%	2 0.5%
d. Health of rivers or the Estuary	262 63.9%	98 23.9%	44 10.7%	6 1.5%
e. Lack of rain	180 43.9%	143 34.9%	85 20.7%	2 0.5%
f. Litter and pollution	237 57.8%	128 31.2%	42 10.2%	3 0.7%
g. Farm sustainability / productivity	170 41.5%	164 40.0%	47 11.5%	29 7.1%
h. Changing climate	136 33.2%	174 42.4%	94 22.9%	6 1.5%
i. Protection of water resources	283 69.0%	96 23.4%	24 5.9%	7 1.7%

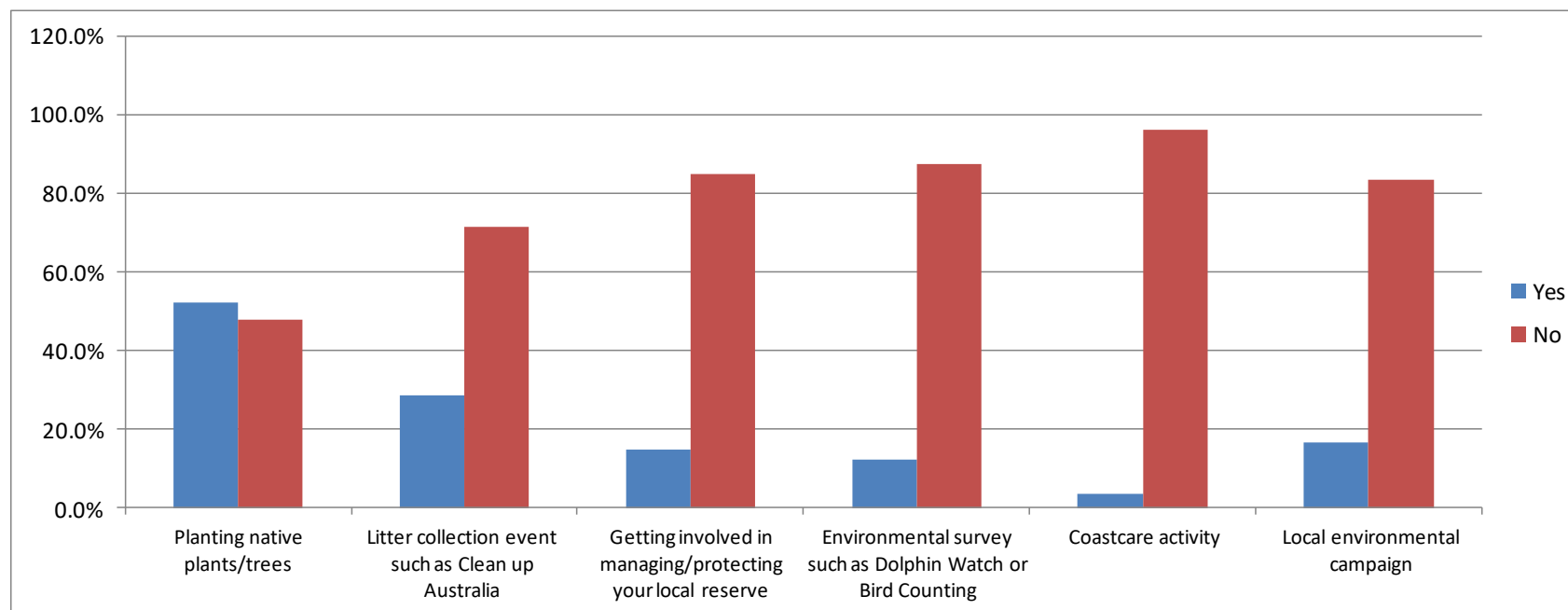
# .... Q3 Overall Concern



**Q4 Which activities assisting the natural environment have you participated in the last 2 years ?**

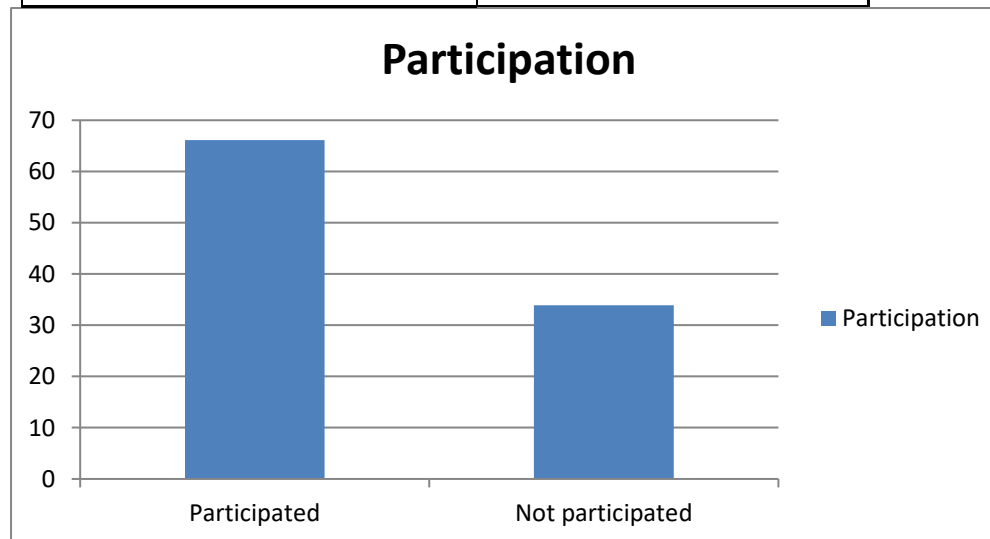
<b>Activities</b>	<b>Yes</b>	<b>No</b>
Planting native plants/trees	214 52.2%	196 47.8%
Litter collection event such as Clean up Australia or Pave the Way	117 28.5%	293 71.5%
Getting involved in managing/protecting your local reserve or landcare/bushcare group	61 14.9%	349 85.1%
Environmental survey such as Dolphin Watch or Bird Counting	51 12.4%	359 87.6%
Coastcare activity	15 3.7%	395 96.3%
Local Environmental campaign	68 16.6%	342 83.4%

**...Q4 Which activities assisting the natural environment have you participated in the last 2 years**



**Q4 Separate table to show participation in at least one activity**

Q4	Overall
Participated in at least one activity in the last 2 years (this includes the "other" responses listed below)	271 66.1%
Not participated	139 33.9%
TOTAL	410 100.0%

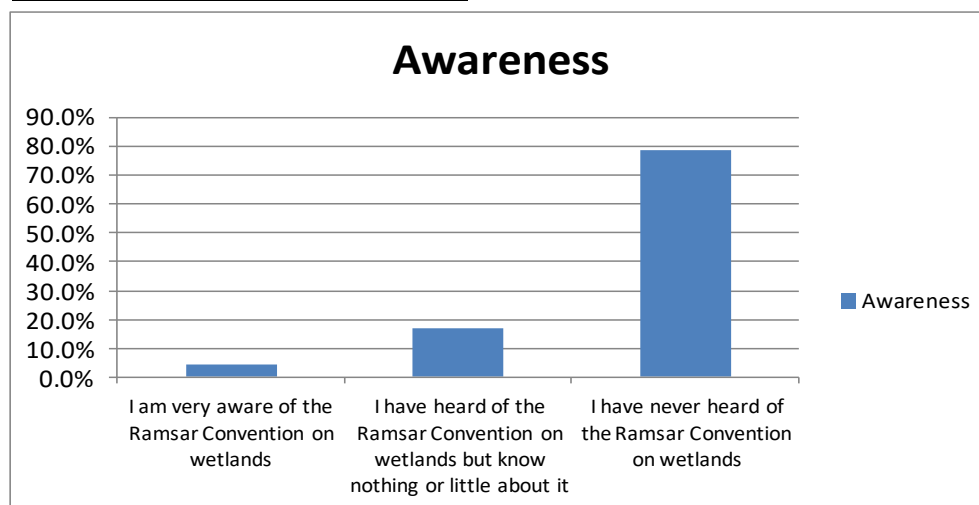


**Q4 Other**

Degradation of banks of Murray River – have spoken to people about it  
Eradicating feral animals  
Fencing off waterways on my property  
I donate to World wildlife Fund from time to time  
I look after kangaroos in our area  
I volunteer at animal shelters  
Keep places clean as I go along  
Land for wildlife  
Lots of recycling  
Mandurah Wildlife Rescue  
Regular baiting for feral animals  
Sharing information  
Talks about “SCAT”, an awareness program for eradication of Cotton Weed organised by Men’s Shed

### Q5 How aware are you of the Ramsar Convention on wetlands?

Awareness	Overall
I am very aware of the Ramsar Convention on wetlands	18 4.4%
I have heard of the Ramsar Convention on wetlands but know nothing or little about it	69 16.8%
I have never heard of the Ramsar Convention on wetlands	323 78.8%



**Q6 How aware are you that the Peel-Harvey Estuary is a Ramsar Wetland area?**

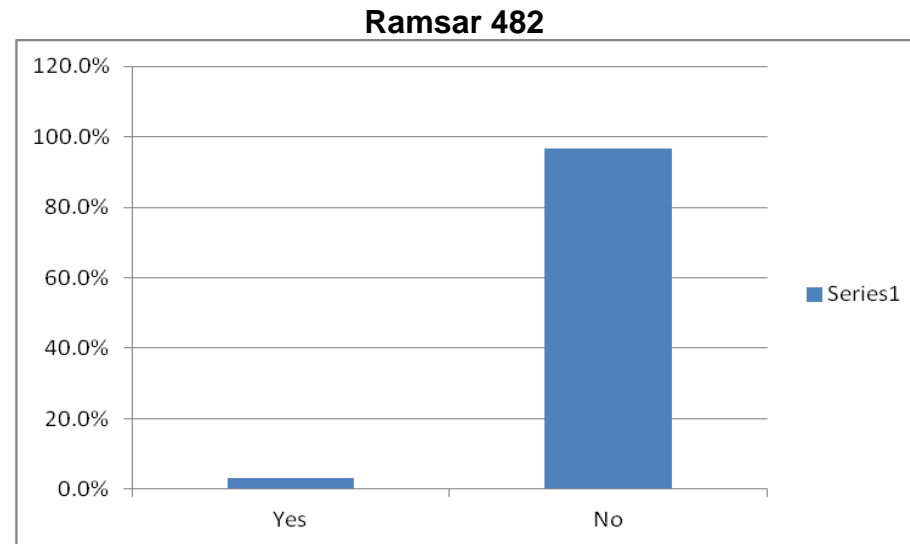
Awareness	Overall
I am very aware of it	26 6.3%
I have heard of it but know nothing or little about it	63 15.4%
I have never heard of it	321 78.3%





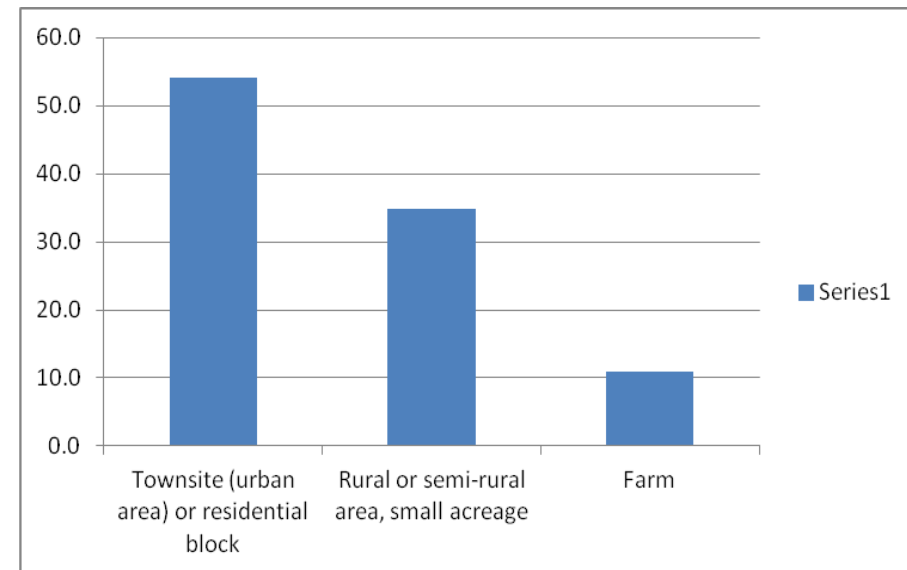
**Q7 Are you aware of the term ‘Ramsar 482’?**

<b>Ramsar 482</b>	<b>Overall</b>
<b>Yes</b>	13 3.2%
<b>No</b>	397 96.8%
<b>TOTAL</b>	410 100.0%



**Q8 Which of the following best describes where you live?**

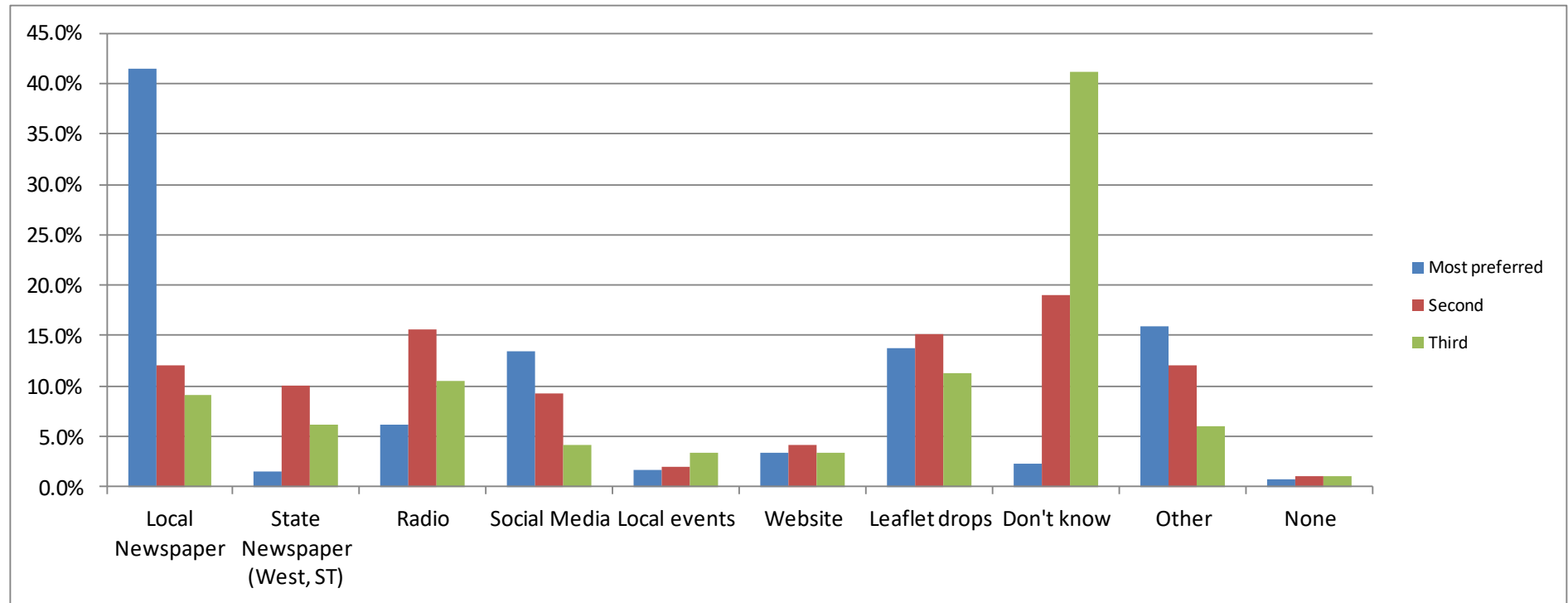
	<b>Overall</b>
Townsite (urban area) or residential block	222 54.1%
Rural or semi-rural area, small acreage	143 34.9%
Farm	45 11.0%



**Q9 Which of the following media would be your ... Most preferred? Second? Third?**

	<b>Most preferred</b>	<b>Second</b>	<b>Third</b>
Local Newspaper	170 41.5%	49 12.0%	37 9.0%
State Newspaper (West, ST)	6 1.5%	41 10.0%	25 6.1%
Radio	25 6.1%	64 15.6%	43 10.5%
Social Media	55 13.4%	38 9.3%	17 4.1%
Local events	7 1.7%	8 2.0%	14 3.4%
Website	14 3.4%	17 4.1%	14 3.4%
Leaflet drops	56 13.7%	62 15.1%	46 11.2%
Don't know	9 2.2%	78 19.0%	169 41.2%
Other	65 15.9%	49 12.0%	41 5.9%
None	3 0.7%	4 1.0%	4 1.0%

... Q9 Which of the following media would be your ... Most preferred? Second? Third?



## Q9 Most Preferred

### Local Events

Local agriculture show (1)  
Local shows/markets (1)  
Mandurah festivals/markets (1)  
Markets (1)  
Manjar Markets (1)  
Shopping centre stall (1)  
Pumpkin Festival log chops (1)

### Other

Cuballing Newsletter (1)  
Direct mail (1)  
Dwellingup Community Newsletter (1)  
Email (44)  
Telephone (7)  
TV (6)  
Town Hall meetings (1)  
Local newsletter (1)  
Local Shire (1)  
Online booklet (1)  
Ratepayers Assoc book (1)

### Social Media

Facebook (49)  
Facebook and Twitter (2)  
Instagram (1)  
Twitter (2)  
Shire sites (not sure which) (1)

## Q9 Second preference

### Local Events

Harvey Show (1)  
Local food markets (1)  
Local forum and expos (1)  
Markets (4)  
Manjar Markets (1)

### Other

Shire newsletter (1)  
Direct contact with Shire (1)  
Notice from Shire (1)  
Murray Newsletter (1)  
School newsletter (1)  
Word of mouth (1)  
Mandurah Festivals/markets (1)  
Local community meeting (1)  
Internet (1)  
Post office noticeboard (1)  
Stall at shops (1)  
Email (12)  
Telephone (1)  
TV (15)  
Ambassador for the cause (1)  
Local newsletter (1)  
Online news (1)  
General online searching (1)  
Google search (1)  
Direct mail (1)  
Go to schools (1)  
Community Resource Centre (1)  
Ads on internet (1)  
Face to face doorknock (1)

### Social Media

Facebook (38)

## Q9 Third preference

### Local Events

Talks in library (1)  
Shire Party / Local Ag Dept Party (1)  
Crab Fest / Stretch Festival (2)  
Markets (2)  
Pumpkin Festival log chops (1)  
City of Mandurah events (1)  
Annual Fair (1)  
Annual Information Sessions (1)  
Tree planting (2)  
Seniors events/market (1)  
Hospital Opshop events (1)

### Other

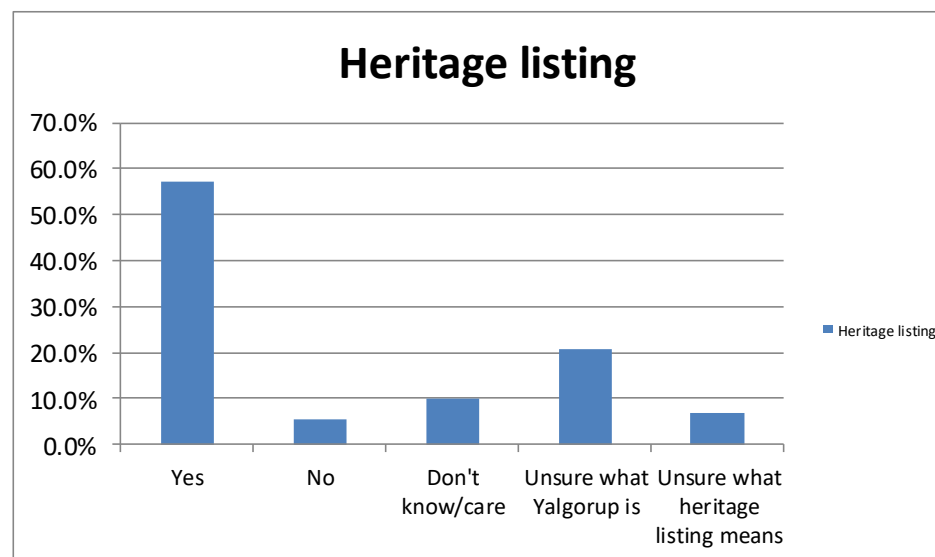
Signage with info in area/around town (2)  
Email (13)  
Telephone (1)  
TV (16)  
Members should be out there talking (1)  
Waroon Harvey Reporter (1)  
Signage at Boat ramps telling people to clean up (1)  
Through schools (1)  
Big posters everywhere (1)  
Post office noticeboard (1)  
Community Newsletter from Shire of Murray (1)  
Local Shire website (1)  
Alcoa magazine (1)

### Social Media

Facebook (14)  
Linkedin (1)  
Twitter (2)

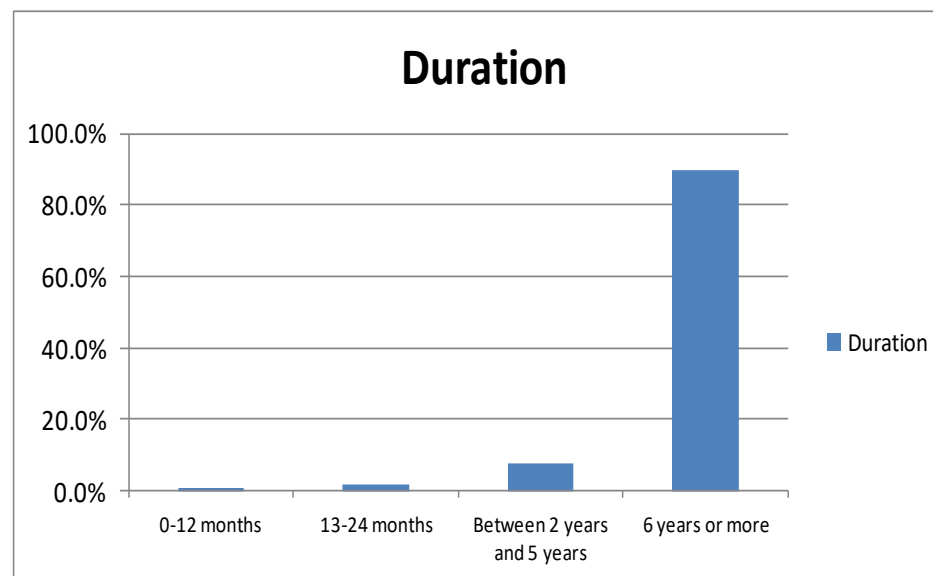
**Q10 Do you think the Yalgorup National Park/Yalgorup Lakes should be considered for either World or National Heritage listing?**

	Overall
Yes	235 57.3%
No	22 5.4%
Don't know/care	40 9.8%
Unsure what Yalgorup is	85 20.7%
Unsure what heritage listing means	28 6.8%
TOTAL	410 100.0%



**Q11 How long have you lived in South West WA?**

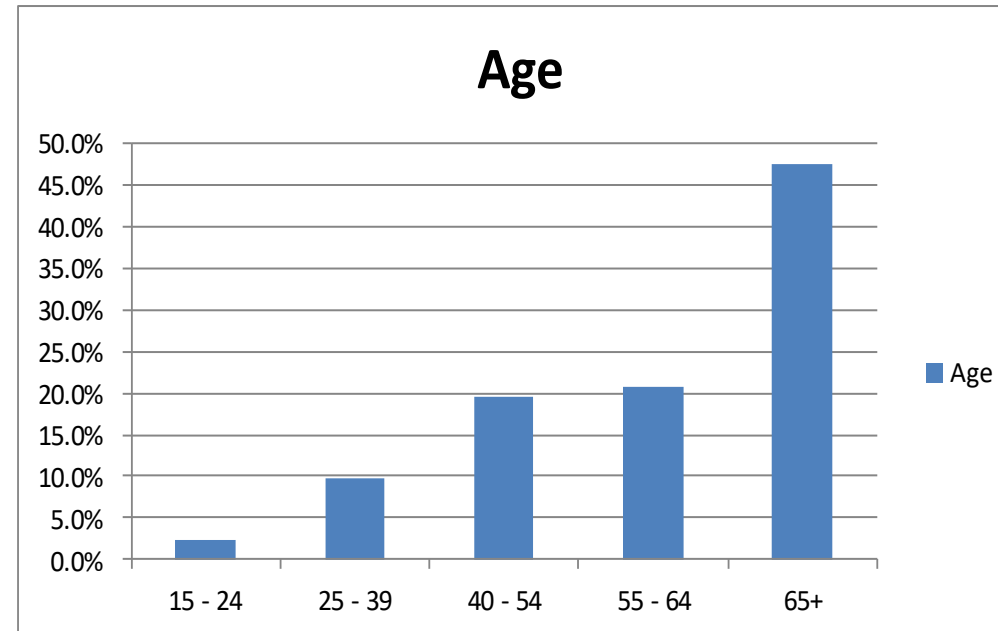
	Overall
0 – 12 months	3 0.7%
13 – 24 months	8 2.0%
Between 2 years and 5 years	31 7.6%
6 years or more	368 89.8%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>





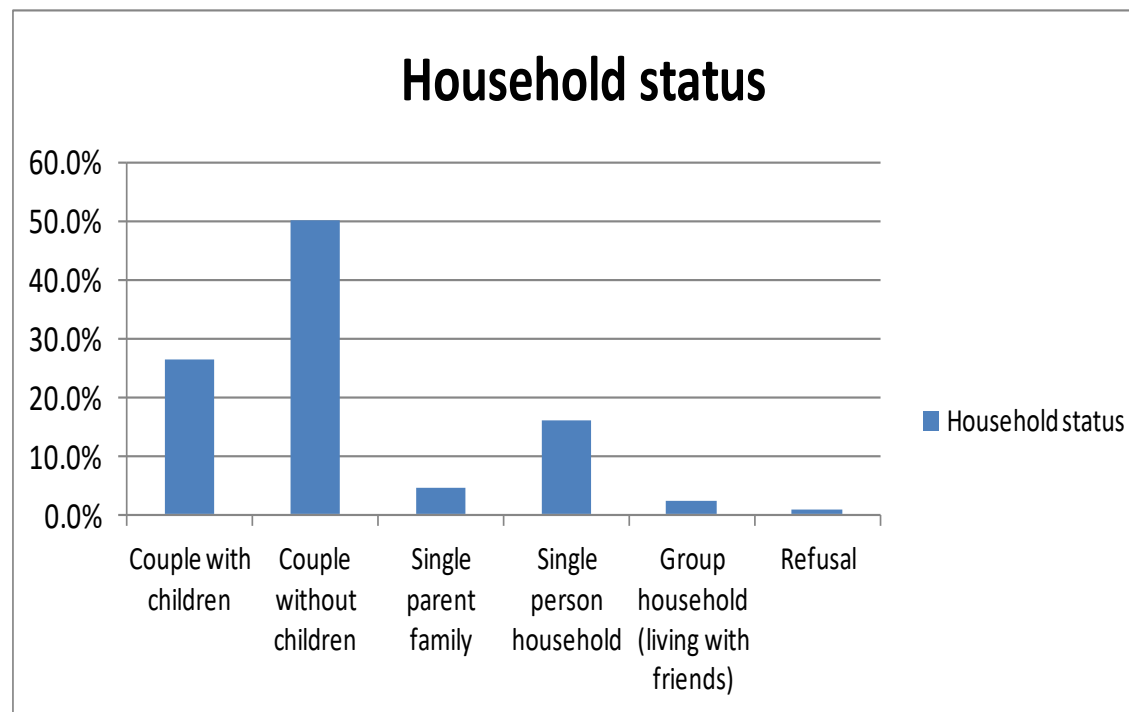
**Q12 Which age bracket are you in?**

	Overall
15 - 24	10 2.4%
25 - 39	40 9.8%
40 - 54	80 19.5%
55 - 64	85 20.7%
65+	195 47.6%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>



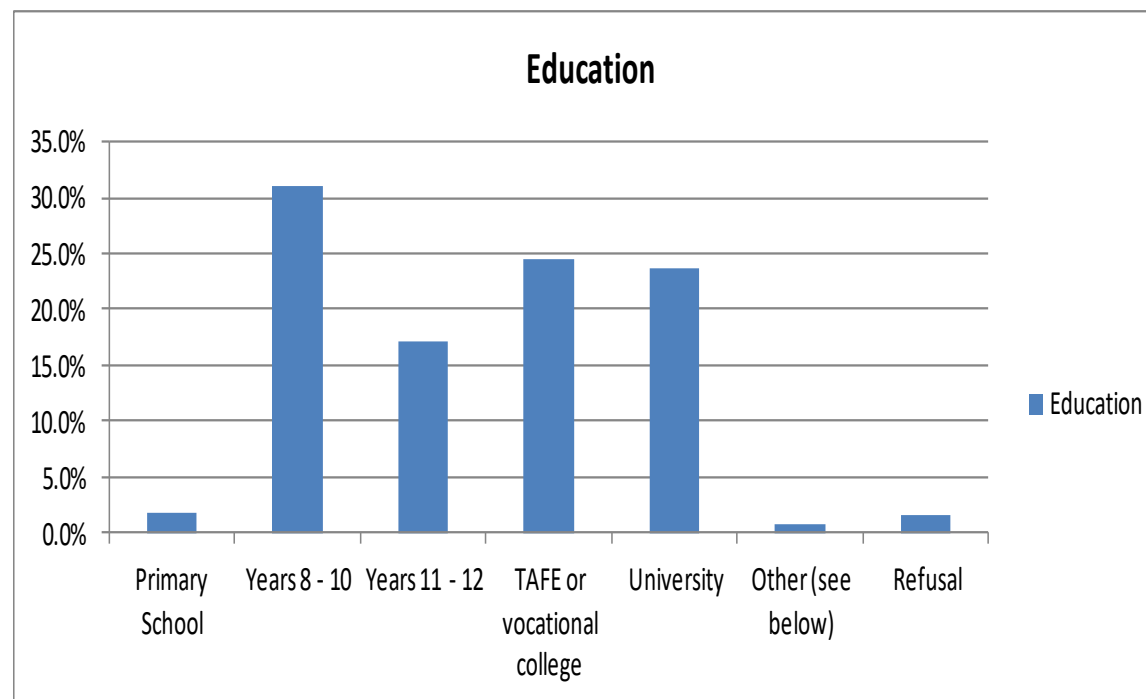
**Q13 Which of the following best describes your current household status?**

	<b>Overall</b>
Couple with children	108 26.3%
Couple without children	205 50.0%
Single parent family	19 4.6%
Single person household	66 16.1%
Group household (living with friends)	9 2.2%
Refusal	3 0.7%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>



**Q14 What is the highest level of education you have attained?**

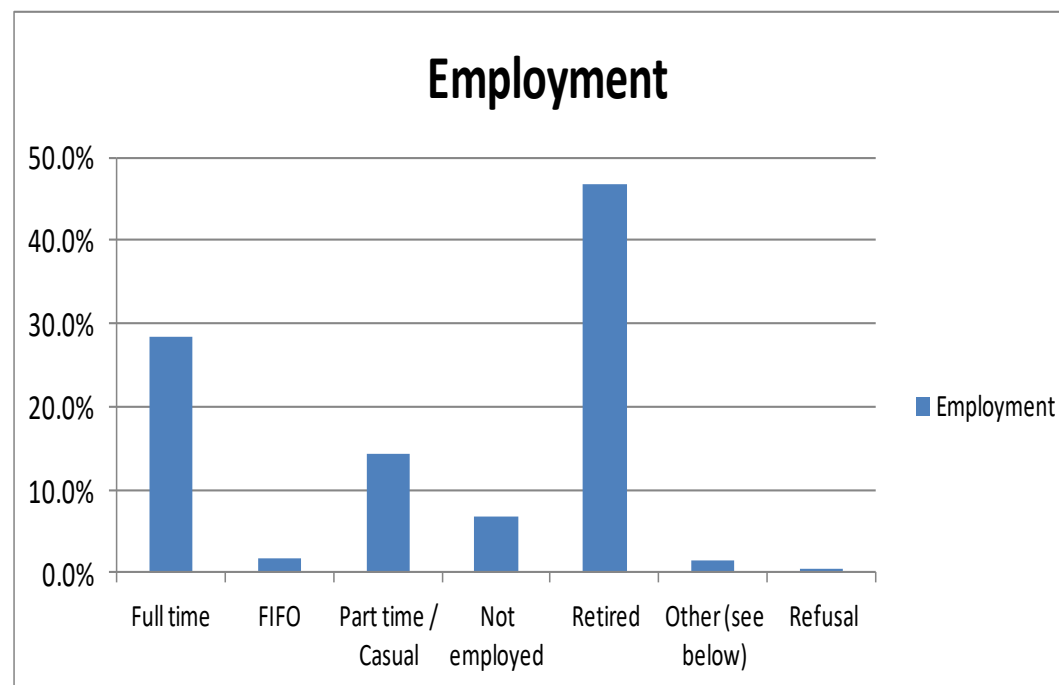
	Overall
Primary School	7 1.7%
Years 8 – 10	127 31.0%
Years 11 – 12	70 17.1%
TAFE or vocational college	100 24.4%
University	97 23.7%
Other (see below)	3 0.7%
Refusal	6 1.5%
TOTAL	410 100.0%



Other  
Can't remember  
Form 2 (Victoria)  
Private diplomas

**Q15 Are you currently employed?**

	Overall
Full time	116 28.3%
FIFO	7 1.7%
Part time/Casual	59 14.4%
Not employed	28 6.8%
Retired	192 46.8%
Other (see below)	6 1.5%
Refusal	2 0.5%
TOTAL	410 100.0%



Other

Volunteer (3)

Maternity leave

Sickness Benefits

Workers Compensation

# Peel-Harvey Catchment Council

Community Survey 2018

## 2. Crosstab Tables

February 2018

**Table 1 - Location**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Ramsar Wetlands	<b>103</b> <b>25.1%</b>					95 42.8%	7 4.9%	1 2.2%	2 20.0%	6 15.0%	21 26.3%	20 23.5%	54 27.7%
Coastal Plain	<b>100</b> <b>24.4%</b>					43 19.4%	45 31.5%	12 26.7%	4 40.0%	10 25.0%	19 23.8%	25 29.4%	42 21.5%
Forest and Scarp	<b>103</b> <b>25.1%</b>					40 18.0%	58 40.6%	5 11.1%	3 30.0%	7 17.5%	25 31.3%	19 22.4%	49 25.1%
Hotham and Williams	<b>104</b> <b>25.4%</b>					44 19.8%	33 23.1%	27 60.0%	1 10.0%	17 42.5%	15 18.8%	21 24.7%	50 25.6%
TOTAL	<b>410</b> <b>100.0%</b>					222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Table 2 - Where you live**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Townsite (urban area) or residential block	<b>222</b> <b>54.1%</b>	95 92.2%	43 43.0%	40 38.8%	44 42.3%				6 60.0%	18 45.0%	42 52.5%	36 42.4%	120 61.5%
Rural or semi-rural area, small acreage	<b>143</b> <b>34.9%</b>	7 6.8%	45 45.0%	58 56.3%	33 31.7%				4 40.0%	11 27.5%	30 37.5%	38 44.7%	60 30.8%
Farm	<b>45</b> <b>11.0%</b>	1 1.0%	12 12.0%	5 4.9%	27 26.0%				0 0.0%	11 27.5%	8 10.0%	11 12.9%	15 7.7%
TOTAL	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%				10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Table 3 - Age**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
15 - 24	<b>10</b> <b>2.4%</b>	2 1.9%	4 4.0%	3 2.9%	1 1.0%	6 2.7%	4 2.8%	0 0.0%					
25 - 39	<b>40</b> <b>9.8%</b>	6 5.8%	10 10.0%	7 6.8%	17 16.3%	18 8.1%	11 7.7%	11 24.4%					
40 - 54	<b>80</b> <b>19.5%</b>	21 20.4%	19 19.0%	25 24.3%	15 14.4%	42 18.9%	30 21.0%	8 17.8%					
55 - 64	<b>85</b> <b>20.7%</b>	20 19.4%	25 25.0%	19 18.4%	21 20.2%	36 16.2%	38 26.6%	11 24.4%					
65+	<b>195</b> <b>47.6%</b>	54 52.4%	42 42.0%	49 47.6%	50 48.1%	120 54.1%	60 42.0%	15 33.3%					
TOTAL	<b>410</b> <b>100.0%</b>	103 100%	100 100%	103 100%	104 100%	222 100.0%	143 100.0%	45 100.0%					



**Table 4 - Gender**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Male</b>	<b>169</b>	42	47	43	37	89	58	22	3	14	38	43	71
	<b>41.2%</b>	40.8%	47.0%	41.7%	35.6%	40.1%	40.6%	48.9%	30.0%	35.0%	47.5%	50.6%	36.4%
<b>Female</b>	<b>241</b>	61	53	60	67	133	85	23	7	26	42	42	124
	<b>58.8%</b>	59.2%	53.0%	58.3%	64.4%	59.9%	59.4%	51.1%	70.0%	65.0%	52.5%	49.4%	63.6%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q1a What are the two things that you value most about the natural environment in your local area?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Trees, bush, forests, vegetation	137 33.4%	19 18.4%	28 28.0%	58 56.3%	32 30.8%	63 28.4%	59 41.3%	15 33.3%	1 10.0%	11 27.5%	30 37.5%	33 38.8%	62 31.8%
Native animals, wildlife, birds, birdlife, dolphins	48 11.7%	5 4.9%	10 10.0%	20 19.4%	13 12.5%	22 9.9%	19 13.3%	7 15.6%	2 20.0%	8 20.0%	6 7.5%	9 10.6%	23 11.8%
Rivers, waterways, wetlands, lakes and estuary, water resources, dam	73 17.8%	30 29.1%	25 25.0%	6 5.8%	12 11.5%	50 22.5%	17 11.9%	6 13.3%	3 30.0%	7 17.5%	21 26.3%	14 16.5%	28 14.4%
Open space, quiet, peace, serenity	37 9.0%	10 9.7%	6 6.0%	6 5.8%	15 14.4%	17 7.7%	17 11.9%	3 6.7%	0 0.0%	3 7.5%	5 6.3%	6 7.1%	23 11.8%
Amenity, naturalness, landscape, vistas, views, rural atmosphere, proximity to nature	40 9.8%	7 6.8%	15 15.0%	7 6.8%	11 10.6%	22 9.9%	13 9.1%	5 11.1%	1 10.0%	5 12.5%	5 6.3%	11 12.9%	18 9.2%
Beach, Ocean, fishing, foreshore	18 4.4%	16 15.5%	2 2.0%	0 0.0%	0 0.0%	17 7.7%	0 0.0%	1 2.2%	1 10.0%	4 10.0%	4 5.0%	3 3.5%	6 3.1%
Clean air, lack of pollution, cleanliness	30 7.5%	12 11.7%	6 6.0%	5 4.9%	7 6.7%	18 8.1%	11 7.7%	1 2.2%	2 20.0%	2 5.0%	4 5.0%	6 7.1%	16 8.2%
Heritage – (European)	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Climate and rainfall	5 1.2%	2 1.9%	3 3.0%	0 0.0%	0 0.0%	2 0.9%	1 0.7%	2 4.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 2.6%
Don't know	14 3.4%	1 1.0%	5 5.0%	1 1.0%	7 6.7%	7 3.2%	4 2.8%	3 6.7%	0 0.0%	0 0.0%	4 5.0%	1 1.2%	9 4.6%
None	8 2.0%	1 1.0%	0 0.0%	0 0.0%	7 6.7%	4 1.8%	2 1.4%	2 4.4%	0 0.0%	0 0.0%	1 1.3%	2 2.4%	5 2.6%

**Q1b What are the two things that you value most about the natural environment in your local area?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Trees, bush, forests, vegetation	<b>92</b> <b>22.4%</b>	17 16.5%	19 19.0%	33 32.0%	23 22.1%	49 22.1%	36 25.2%	7 15.6%	5 50.0%	9 22.5%	18 22.5%	20 23.5%	40 20.5%
Native animals, wildlife, birds, birdlife, dolphins	<b>71</b> <b>17.3%</b>	12 11.7%	14 14.0%	29 28.2%	16 15.4%	36 16.2%	28 19.6%	7 15.6%	0 0.0%	5 12.5%	14 17.5%	18 21.2%	34 17.4%
Rivers, waterways, wetlands, lakes and estuary, water resources, dam	<b>49</b> <b>12.0%</b>	19 18.4%	14 14.0%	7 6.8%	9 8.7%	29 13.1%	17 11.9%	3 6.7%	0 0.0%	7 17.5%	9 11.3%	11 12.9%	22 11.3%
Open space, quiet, peace, serenity	<b>21</b> <b>5.1%</b>	4 3.9%	8 8.0%	4 3.9%	5 4.8%	8 3.6%	12 8.4%	1 2.2%	1 10.0%	0 0.0%	2 2.5%	5 5.9%	13 6.7%
Amenity, naturalness, landscape, vistas, views, rural atmosphere, proximity to nature	<b>59</b> <b>14.4%</b>	17 16.5%	19 19.0%	13 12.6%	10 9.6%	32 14.4%	20 14.0%	7 15.6%	0 0.0%	7 17.5%	16 20.0%	12 14.1%	24 12.3%
Beach, Ocean, fishing, foreshore	<b>12</b> <b>2.9%</b>	11 10.7%	1 1.0%	0 0.0%	0 0.0%	12 5.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.5%	3 3.5%	7 3.6%
Clean air, lack of pollution, cleanliness	<b>16</b> <b>3.9%</b>	3 2.9%	5 5.0%	3 2.9%	5 4.8%	12 5.4%	4 2.8%	0 0.0%	3 30.0%	1 2.5%	2 2.5%	3 3.5%	7 3.6%
Heritage – (European)	<b>3</b> <b>0.7%</b>	0 0.0%	0 0.0%	3 2.9%	0 0.0%	2 0.9%	1 0.7%	0 0.0%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	2 1.0%
Climate and rainfall	<b>7</b> <b>1.7%</b>	1 1.0%	3 3.0%	0 0.0%	3 2.9%	3 1.4%	1 0.7%	3 6.7%	0 0.0%	0 0.0%	1 1.3%	1 1.2%	5 2.5%
Don't know	<b>15</b> <b>3.7%</b>	1 1.0%	5 5.0%	1 1.0%	8 7.7%	7 3.2%	4 2.8%	4 8.9%	0 0.0%	1 2.5%	4 5.0%	1 1.2%	9 4.6%
None	<b>65</b> <b>15.9%</b>	18 17.5%	12 12.0%	10 9.7%	25 24.0%	32 14.4%	20 14.0%	13 28.9%	1 10.0%	9 22.5%	12 15.0%	11 12.9%	32 16.4%

**Q2 How aware are you of the Peel-Harvey Catchment Council or PHCC (prior to this survey)?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
I am very aware of PHCC	39 9.5%	11 10.7%	7 7.0%	13 12.6%	8 7.7%	22 9.9%	11 7.7%	6 13.3%	0 0.0%	5 12.5%	3 3.8%	11 12.9%	20 10.3%
I have heard of PHCC but know nothing	191 46.6%	53 51.5%	55 55.0%	39 37.9%	44 42.3%	101 45.5%	67 46.9%	23 51.1%	2 20.0%	14 35.0%	42 52.5%	43 50.6%	90 46.2%
I have never heard of PHCC	180 43.9%	39 37.9%	38 38.0%	51 49.5%	52 50.0%	99 44.6%	65 45.5%	16 35.6%	8 80.0%	21 52.5%	35 43.8%	31 36.5%	85 43.6%
Q2b.	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Less than 12 months	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
1 – 2 years	7 17.9%	1 9.1%	1 14.3%	3 23.1%	2 25.0%	2 9.1%	4 36.4%	1 16.7%	0 0.0%	2 40.0%	0 0.0%	3 27.3%	2 10.0%
2 – 5 years	10 25.6%	3 27.3%	1 14.3%	4 30.8%	2 25.0%	8 36.4%	1 9.1%	1 16.7%	0 0.0%	2 40.0%	1 33.3%	2 18.2%	5 25.0%
More than 5 years	22 56.4%	7 63.6%	5 71.4%	6 46.2%	4 50.0%	12 54.5%	6 54.5%	4 66.7%	0 0.0%	1 20.0%	2 66.7%	6 54.5%	13 65.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

a. Loss of bushland and native vegetation	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>205</b>	45	58	65	37	114	75	16	6	17	38	46	98
	<b>50.0%</b>	43.7%	58.0%	63.1%	35.6%	51.4%	52.4%	35.6%	60.0%	42.5%	47.5%	54.1%	50.3%
<b>Somewhat concerned</b>	<b>137</b>	43	36	24	34	78	46	13	3	14	29	28	63
	<b>33.4%</b>	41.7%	36.0%	23.3%	32.7%	35.1%	32.2%	28.9%	30.0%	35.0%	36.3%	32.9%	32.3%
<b>Not at all concerned</b>	<b>64</b>	12	6	13	33	27	21	16	1	9	13	11	30
	<b>15.6%</b>	11.7%	6.0%	12.6%	31.7%	12.2%	14.7%	35.6%	10.0%	22.5%	16.3%	12.9%	15.4%
<b>DK/NA</b>	<b>4</b>	3	0	1	0	3	1	0	0	0	0	0	4
	<b>1.0%</b>	2.9%	0.0%	1.0%	0.0%	1.4%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

b. Loss of native wildlife	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>250</b> <b>61.0%</b>	62 60.2%	73 73.0%	68 66.0%	47 45.2%	144 64.9%	90 62.9%	16 35.6%	8 80.0%	21 52.5%	47 58.8%	61 71.8%	113 57.9%
<b>Somewhat concerned</b>	<b>107</b> <b>26.1%</b>	30 29.1%	19 19.0%	24 23.3%	34 32.7%	60 27.0%	32 22.4%	15 33.3%	1 10.0%	13 32.5%	25 31.3%	17 20.0%	51 26.2%
<b>Not at all concerned</b>	<b>51</b> <b>12.4%</b>	11 10.7%	6 6.0%	11 10.7%	23 22.1%	17 7.7%	20 14.0%	14 31.1%	1 10.0%	6 15.0%	8 10.0%	7 8.2%	29 14.9%
<b>DK/NA</b>	<b>2</b> <b>0.5%</b>	0 0.0%	2 2.0%	0 0.0%	0 0.0%	1 0.5%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.0%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

c. Feral animals and weeds	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>258</b> <b>62.9%</b>	53 51.5%	73 73.0%	61 59.2%	71 68.3%	134 60.4%	90 62.9%	34 75.6%	6 60.0%	25 62.5%	59 73.8%	51 60.0%	117 60.0%
<b>Somewhat concerned</b>	<b>111</b> <b>27.1%</b>	36 35.0%	18 18.0%	32 31.1%	25 24.0%	61 27.5%	42 29.4%	8 17.8%	4 40.0%	8 20.0%	15 18.8%	27 31.8%	57 29.2%
<b>Not at all concerned</b>	<b>39</b> <b>9.5%</b>	14 13.6%	8 8.0%	9 8.7%	8 7.7%	25 11.3%	11 7.7%	3 6.7%	0 0.0%	6 15.0%	6 7.5%	7 8.2%	20 10.3%
<b>DK/NA</b>	<b>2</b> <b>0.5%</b>	0 0.0%	1 1.0%	1 1.0%	0 0.0%	2 0.9%	0 0.0%	0 0.0%	0 0.0%	1 2.5%	0 0.0%	0 0.0%	1 0.5%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

d. Health of rivers or the Estuary	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>262</b> <b>63.9%</b>	54 52.4%	78 78.0%	71 68.9%	59 56.7%	137 61.7%	98 68.5%	27 60.0%	5 50.0%	24 60.0%	55 68.8%	62 72.9%	116 59.5%
<b>Somewhat concerned</b>	<b>98</b> <b>23.9%</b>	34 33.0%	19 19.0%	19 18.4%	26 25.0%	58 26.1%	30 21.0%	10 22.2%	5 50.0%	13 32.5%	16 20.0%	19 22.4%	45 23.1%
<b>Not at all concerned</b>	<b>44</b> <b>10.7%</b>	14 13.6%	2 2.0%	10 9.7%	18 17.3%	24 10.8%	12 8.4%	8 17.8%	0 0.0%	3 7.5%	8 10.0%	4 4.7%	29 14.9%
<b>DK/NA</b>	<b>6</b> <b>1.5%</b>	1 1.0%	1 1.0%	3 2.9%	1 1.0%	3 1.4%	3 2.1%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	5 2.6%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%



**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

e. Lack of rain	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>180</b>	22	60	54	44	83	77	20	6	19	27	45	83
	<b>43.9%</b>	21.4%	60.0%	52.4%	42.3%	37.4%	53.8%	44.4%	60.0%	47.5%	33.8%	52.9%	42.6%
<b>Somewhat concerned</b>	<b>143</b>	51	31	33	28	91	43	9	4	13	29	27	70
	<b>34.9%</b>	49.5%	31.0%	32.0%	26.9%	41.0%	30.1%	20.0%	40.0%	32.5%	36.3%	31.8%	35.9%
<b>Not at all concerned</b>	<b>85</b>	29	9	15	32	46	23	16	0	8	24	12	41
	<b>20.7%</b>	28.2%	9.0%	14.6%	30.8%	20.7%	16.1%	35.6%	0.0%	20.0%	30.0%	14.1%	21.0%
<b>DK/NA</b>	<b>2</b>	1	0	1	0	2	0	0	0	0	0	1	1
	<b>0.5%</b>	1.0%	0.0%	1.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.5%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

f. Litter and pollution	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>237</b> <b>57.8%</b>	55 53.4%	77 77.0%	43 41.7%	62 59.6%	129 58.1%	86 60.1%	22 48.9%	7 70.0%	25 62.5%	43 53.8%	51 60.0%	111 56.9%
<b>Somewhat concerned</b>	<b>128</b> <b>31.2%</b>	39 37.9%	18 18.0%	42 40.8%	29 27.9%	77 34.7%	38 26.6%	13 28.9%	3 30.0%	11 27.5%	30 37.5%	26 30.6%	58 29.7%
<b>Not at all concerned</b>	<b>42</b> <b>10.2%</b>	9 8.7%	3 3.0%	17 16.5%	13 12.5%	15 6.8%	17 11.9%	10 22.2%	0 0.0%	4 10.0%	7 8.8%	7 8.2%	24 12.3%
<b>DK/NA</b>	<b>3</b> <b>0.7%</b>	0 0.0%	2 2.0%	1 1.0%	0 0.0%	1 0.5%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	2 1.0%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

g. Farm sustainability / productivity	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>170</b>	24	68	37	41	75	69	26	6	25	28	41	70
	<b>41.5%</b>	23.3%	68.0%	35.9%	39.4%	33.8%	48.3%	57.8%	60.0%	62.5%	35.0%	48.2%	35.9%
<b>Somewhat concerned</b>	<b>164</b>	53	25	47	39	101	51	12	4	10	39	31	80
	<b>40.0%</b>	51.5%	25.0%	45.6%	37.5%	45.5%	35.7%	26.7%	40.0%	25.0%	48.8%	36.5%	41.0%
<b>Not at all concerned</b>	<b>47</b>	11	5	11	20	25	15	7	0	3	8	9	27
	<b>11.5%</b>	10.7%	5.0%	10.7%	19.2%	11.3%	10.5%	15.6%	0.0%	7.5%	10.0%	10.6%	13.8%
<b>DK/NA</b>	<b>29</b>	15	2	8	4	21	8	0	0	2	5	4	18
	<b>7.1%</b>	14.6%	2.0%	7.8%	3.8%	9.5%	5.6%	0.0%	0.0%	5.0%	6.3%	4.7%	9.2%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

h. Changing climate	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>136</b>	23	48	33	32	70	54	12	8	16	25	26	61
	<b>33.2%</b>	22.3%	48.0%	32.0%	30.8%	31.5%	37.8%	26.7%	80.0%	40.0%	31.3%	30.6%	31.3%
<b>Somewhat concerned</b>	<b>174</b>	48	32	52	42	102	58	14	2	17	33	41	81
	<b>42.4%</b>	46.6%	32.0%	50.5%	40.4%	45.9%	40.6%	31.1%	20.0%	42.5%	41.3%	48.2%	41.5%
<b>Not at all concerned</b>	<b>94</b>	30	20	14	30	46	29	19	0	7	22	16	49
	<b>22.9%</b>	29.1%	20.0%	13.6%	28.8%	20.7%	20.3%	42.2%	0.0%	17.5%	27.5%	18.8%	25.1%
<b>DK/NA</b>	<b>6</b>	2	0	4	0	4	2	0	0	0	0	2	4
	<b>1.5%</b>	1.9%	0.0%	3.9%	0.0%	1.8%	1.4%	0.0%	0.0%	0.0%	0.0%	2.4%	2.1%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q3 If I read out a list of environmental concerns for your area please can you tell me if you are concerned, somewhat concerned or not at all concerned about each?**

i. Protection of water resources	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Very concerned</b>	<b>283</b> <b>69.0%</b>	60 58.3%	77 77.0%	76 73.8%	70 67.3%	152 68.5%	106 74.1%	25 55.6%	8 80.0%	29 72.5%	50 62.5%	62 72.9%	134 68.7%
<b>Somewhat concerned</b>	<b>96</b> <b>23.4%</b>	37 35.9%	17 17.0%	20 19.4%	22 21.2%	56 25.2%	28 19.6%	12 26.7%	2 20.0%	10 25.0%	20 25.0%	21 24.7%	43 22.1%
<b>Not at all concerned</b>	<b>24</b> <b>5.9%</b>	4 3.9%	4 4.0%	7 6.8%	9 8.7%	9 4.1%	7 4.9%	8 17.8%	0 0.0%	1 2.5%	7 8.8%	2 2.4%	14 7.2%
<b>DK/NA</b>	<b>7</b> <b>1.7%</b>	2 1.9%	2 2.0%	0 0.0%	3 2.9%	5 2.3%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	3 3.8%	0 0.0%	4 2.1%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q4 If I read out a list of activities assisting the natural environment please can you tell me which you have participated in the last 2 years?**

a. Planting native plants/trees	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>214</b>	51	36	60	67	103	79	32	0	26	46	55	87
	<b>52.2%</b>	49.5%	36.0%	58.3%	64.4%	46.4%	55.2%	71.1%	0.0%	65.0%	57.5%	64.7%	44.6%
<b>No</b>	<b>196</b>	52	64	43	37	119	64	13	10	14	34	30	108
	<b>47.8%</b>	50.5%	64.0%	41.7%	35.6%	53.6%	44.8%	28.9%	100.0%	35.0%	42.5%	35.3%	55.4%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

b. Litter collection event such as Clean up Australia or Pave the Way	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>117</b>	45	23	30	19	66	39	12	2	13	23	28	51
	<b>28.5%</b>	43.7%	23.0%	29.1%	18.3%	29.7%	27.3%	26.7%	20.0%	32.5%	28.8%	32.9%	26.2%
<b>No</b>	<b>293</b>	58	77	73	85	156	104	33	8	27	57	57	144
	<b>71.5%</b>	56.3%	77.0%	70.9%	81.7%	70.3%	72.7%	73.3%	80.0%	67.5%	71.3%	67.1%	73.8%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q4 If I read out a list of activities assisting the natural environment please can you tell me which you have participated in the last 2 years?**

c. Getting involved in managing / protecting your local reserve	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>61</b>	14	12	19	16	19	27	15	1	5	15	16	24
	<b>14.9%</b>	13.6%	12.0%	18.4%	15.4%	8.6%	18.9%	33.3%	10.0%	12.5%	18.8%	18.8%	12.3%
<b>No</b>	<b>349</b>	89	88	84	88	203	116	30	9	35	65	69	171
	<b>85.1%</b>	86.4%	88.0%	81.6%	84.6%	91.4%	81.1%	66.7%	90.0%	87.5%	81.3%	81.2%	87.7%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

d. Environmental survey such as Dolphin watch or Bird counting	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>51</b>	17	3	21	10	23	20	8	1	8	7	12	23
	<b>12.4%</b>	16.5%	3.0%	20.4%	9.6%	10.4%	14.0%	17.8%	10.0%	20.0%	8.8%	14.1%	11.8%
<b>No</b>	<b>359</b>	86	97	82	94	199	123	37	9	32	73	73	172
	<b>87.6%</b>	83.5%	97.0%	79.6%	90.4%	89.6%	86.0%	82.2%	90.0%	80.0%	91.3%	85.9%	88.2%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**Q4 If I read out a list of activities assisting the natural environment please can you tell me which you have participated in the last 2 years?**

e. Coastcare activity	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>15</b>	6	1	3	5	9	3	3	0	4	4	3	4
	<b>3.7%</b>	5.8%	1.0%	2.9%	4.8%	4.1%	2.1%	6.7%	0.0%	10.0%	5.0%	3.5%	2.1%
<b>No</b>	<b>395</b>	97	99	100	99	213	140	42	10	36	76	82	191
	<b>96.3%</b>	94.2%	99.0%	97.1%	95.2%	95.9%	97.9%	93.3%	100.0%	90.0%	95.0%	96.5%	97.9%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

#### Q4 Other

f. Local Environmental campaign	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>68</b>	15	5	31	17	31	23	14	1	8	15	16	28
	<b>16.6%</b>	14.6%	5.0%	30.1%	16.3%	14.0%	16.1%	31.1%	10.0%	20.0%	18.8%	18.8%	14.4%
<b>No</b>	<b>342</b>	88	95	72	87	191	120	31	9	32	65	69	167
	<b>83.4%</b>	85.4%	95.0%	69.9%	83.7%	86.0%	83.9%	68.9%	90.0%	80.0%	81.3%	81.2%	85.6%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



**Q5 How aware are you of the Ramsar Convention on wetlands?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
I am very aware of the Ramsar Convention on wetlands	<b>18</b> <b>4.4%</b>	10 9.7%	5 5.0%	2 1.9%	1 1.0%	12 5.4%	2 1.4%	4 8.9%	0 0.0%	0 0.0%	4 5.0%	3 3.5%	11 5.6%
I have heard of the Ramsar Convention on wetlands but know nothing or little about it	<b>69</b> <b>16.8%</b>	21 20.4%	19 19.0%	17 16.5%	12 11.5%	44 19.8%	21 14.7%	4 8.9%	1 10.0%	4 10.0%	5 6.3%	20 23.5%	39 20.0%
I have never heard of the Ramsar Convention on wetlands	<b>323</b> <b>78.8%</b>	72 69.9%	76 76.0%	84 81.6%	91 87.5%	166 74.8%	120 83.9%	37 82.2%	9 90.0%	36 90.0%	71 88.8%	62 72.9%	145 74.4%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q6 How aware are you that the Peel-Harvey Estuary is a Ramsar Wetland area?**

e. Coastcare activity	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
I am very aware of it	26 6.3%	15 14.6%	7 7.0%	2 1.9%	2 1.9%	18 8.1%	4 2.8%	4 8.9%	0 0.0%	0 0.0%	5 6.3%	5 5.9%	16 8.2%
I have heard of it but know nothing or little about it	63 15.4%	28 27.2%	15 15.0%	15 14.6%	5 4.8%	44 19.8%	16 11.2%	3 6.7%	0 0.0%	3 7.5%	5 6.3%	19 22.4%	36 18.5%
I have never heard of it	321 78.3%	60 58.3%	78 78.0%	86 83.5%	97 93.3%	160 72.1%	123 86.0%	38 84.4%	10 100.0%	37 92.5%	70 87.5%	61 71.8%	143 73.3%
<b>TOTAL</b>	<b>410 100.0%</b>	<b>103 100.0%</b>	<b>100 100.0%</b>	<b>103 100.0%</b>	<b>104 100.0</b>	<b>222 100.0%</b>	<b>143 100.0%</b>	<b>45 100.0%</b>	<b>10 100.0%</b>	<b>40 100.0%</b>	<b>80 100.0%</b>	<b>85 100.0%</b>	<b>195 100.0%</b>

**Q7 Are you aware of the term ‘Ramsar 482’?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>13</b>	4	3	4	2	7	3	3	0	1	1	5	6
	<b>3.2%</b>	3.9%	3.0%	3.9%	1.9%	3.2%	2.1%	6.7%	0.0%	2.5%	1.3%	5.9%	3.1%
<b>No</b>	<b>397</b>	99	97	99	102	215	140	42	10	39	79	80	189
	<b>96.8%</b>	96.1%	97.0%	96.1%	98.1%	96.8%	97.9%	93.3%	100.0%	97.5%	98.8%	94.1%	96.9%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

### Q9 Which of the following media would be your ... Most preferred?

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Don't know	9 2.2%	0 0.0%	3 3.0%	6 5.8%	0 0.0%	3 1.4%	5 3.5%	1 2.2%	0 0.0%	0 0.0%	4 5.0%	2 2.4%	3 1.5%
Leaflet drops	56 13.7%	9 8.7%	15 15.0%	21 20.4%	11 10.6%	23 10.4%	30 21.0%	3 6.7%	0 0.0%	4 10.0%	15 18.8%	15 17.6%	22 11.3%
Local events (see below)	7 1.7%	2 1.9%	3 3.0%	1 1.0%	1 1.0%	3 1.4%	2 1.4%	2 4.4%	0 0.0%	2 5.0%	2 2.5%	1 1.2%	2 1.0%
Local Newspaper	170 41.5%	60 58.3%	40 40.0%	21 20.4%	49 47.1%	119 53.6%	37 25.9%	14 31.1%	2 20.0%	7 17.5%	25 31.3%	31 36.5%	105 53.8%
None	3 0.7%	0 0.0%	1 1.0%	0 0.0%	2 1.9%	1 0.5%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.5%
Other (see below)	65 15.9%	7 6.8%	11 11.0%	35 34.0%	12 11.5%	24 10.8%	31 21.7%	10 22.2%	0 0.0%	6 15.0%	9 11.3%	17 20.0%	33 16.9%
Radio	25 6.1%	8 7.8%	7 7.0%	5 4.9%	5 4.8%	14 6.3%	7 4.9%	4 8.9%	0 0.0%	3 7.5%	7 8.8%	5 5.9%	10 5.1%
Social Media (see below)	55 13.4%	12 11.7%	14 14.0%	11 10.7%	18 17.3%	26 11.7%	22 15.4%	7 15.6%	6 60.0%	18 45.0%	18 22.5%	9 10.6%	4 2.1%
State Newspaper (West, ST)	6 1.5%	1 1.0%	2 2.0%	1 1.0%	2 1.9%	2 0.9%	1 0.7%	3 6.7%	0 0.0%	0 0.0%	0 0.0%	3 3.5%	3 1.5%
Website	14 3.4%	4 3.9%	4 4.0%	2 1.9%	4 3.8%	7 3.2%	6 4.2%	1 2.2%	2 20.0%	0 0.0%	0 0.0%	2 2.4%	10 5.1%
Total	410 100.0%	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q9 Which of the following media would be your ... second preference?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Don't know	78 19.0%	18 17.5%	9 9.0%	35 34.0%	16 15.4%	42 18.9%	27 18.9%	9 20.0%	2 20.0%	5 12.5%	18 22.5%	11 12.9%	42 21.5%
Leaflet drops	62 15.1%	19 18.4%	13 13.0%	11 10.7%	19 18.3%	34 15.3%	22 15.4%	6 13.3%	1 10.0%	6 15.0%	7 8.8%	19 22.4%	29 14.9%
Local events (see below)	8 2.0%	0 0.0%	6 6.0%	0 0.0%	2 1.9%	4 1.8%	3 2.1%	1 2.2%	1 10.0%	4 10.0%	1 1.3%	2 2.4%	0 0.0%
Local Newspaper	49 12.0%	14 13.6%	12 12.0%	9 8.7%	14 13.5%	22 9.9%	24 16.8%	3 6.7%	0 0.0%	6 15.0%	7 8.8%	15 17.6%	21 10.8%
None	4 1.0%	0 0.0%	1 1.0%	0 0.0%	3 2.9%	2 0.9%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 2.1%
Other (see below)	49 12.0%	12 11.7%	13 13.0%	13 12.6%	11 10.6%	29 13.1%	15 10.5%	5 11.1%	0 0.0%	4 10.0%	11 13.8%	8 9.4%	26 13.3%
Radio	64 15.6%	23 22.3%	12 12.0%	15 14.6%	14 13.5%	41 18.5%	17 11.9%	6 13.3%	3 30.0%	6 15.0%	15 18.8%	14 16.5%	26 13.3%
Social Media (see below)	38 9.3%	11 10.7%	13 13.0%	6 5.8%	8 7.7%	22 9.9%	11 7.7%	5 11.1%	2 20.0%	4 10.0%	15 18.8%	8 9.4%	9 4.6%
State Newspaper (West, ST)	41 10.0%	3 2.9%	18 18.0%	8 7.8%	12 11.5%	20 9.0%	13 9.1%	8 17.8%	1 10.0%	4 10.0%	3 3.8%	6 7.1%	27 13.8%
Website	17 4.1%	3 2.9%	3 3.0%	6 5.8%	5 4.8%	6 2.7%	9 6.3%	2 4.4%	0 0.0%	1 2.5%	3 3.8%	2 2.4%	11 5.6%
<b>TOTAL</b>	<b>410 100.0%</b>	<b>103 100.0%</b>	<b>100 100.0%</b>	<b>103 100.0%</b>	<b>104 100.0%</b>	<b>222 100.0%</b>	<b>143 100.0%</b>	<b>45 100.0%</b>	<b>10 100.0%</b>	<b>40 100.0%</b>	<b>80 100.0%</b>	<b>85 100.0%</b>	<b>195 100.0%</b>

### Q9 Which of the following media would be your ... Third preference?

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Don't know	169 41.2%	48 46.6%	18 18.0%	64 62.1%	39 37.5%	97 43.7%	54 37.8%	18 40.0%	4 40.0%	11 27.5%	36 45.0%	27 31.8%	91 46.7%
Leaflet drops	46 11.2%	14 13.6%	12 12.0%	6 5.8%	14 13.5%	28 12.6%	14 9.8%	4 8.9%	2 20.0%	5 12.5%	6 7.5%	10 11.8%	23 11.8%
Local events (see below)	14 3.4%	5 4.9%	4 4.0%	2 1.9%	3 2.9%	6 2.7%	7 4.9%	1 2.2%	0 0.0%	0 0.0%	2 2.5%	2 2.4%	10 5.1%
Local Newspaper	37 9.0%	8 7.8%	10 10.0%	9 8.7%	10 9.6%	17 7.7%	12 8.4%	8 17.8%	0 0.0%	7 17.5%	13 16.3%	7 8.2%	10 5.1%
None	4 1.0%	0 0.0%	1 1.0%	0 0.0%	3 2.9%	2 0.9%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 2.1%
Other (see below)	41 10.0%	6 5.8%	18 18.0%	8 7.8%	9 8.7%	24 10.8%	13 9.1%	4 8.9%	0 0.0%	7 17.5%	3 3.8%	8 9.4%	23 11.8%
Radio	43 10.5%	10 9.7%	11 11.0%	5 4.9%	17 16.3%	22 9.9%	15 10.5%	6 13.3%	2 20.0%	7 17.5%	9 11.3%	9 10.6%	16 8.2%
Social Media (see below)	17 4.1%	1 1.0%	10 10.0%	4 3.9%	2 1.9%	6 2.7%	9 6.3%	2 4.4%	0 0.0%	1 2.5%	4 5.0%	8 9.4%	4 2.1%
State Newspaper (West, ST)	25 6.1%	7 6.8%	9 9.0%	3 2.9%	6 5.8%	15 6.8%	9 6.3%	1 2.2%	2 20.0%	0 0.0%	3 3.8%	7 8.2%	13 6.7%
Website	14 3.4%	4 3.9%	7 7.0%	2 1.9%	1 1.0%	5 2.3%	8 5.6%	1 2.2%	0 0.0%	2 5.0%	4 5.0%	7 8.2%	1 0.5%
Total	410 100.0%	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q10 Do you think the Yalgorup National Park/Yalgorup Lakes should be considered for either World or National Heritage listing?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
<b>Yes</b>	<b>235</b>	67	67	56	45	140	80	15	6	18	43	47	121
	<b>57.3%</b>	65.0%	67.0%	54.4%	43.3%	63.1%	55.9%	33.3%	60.0%	45.0%	53.8%	55.3%	62.1%
<b>No</b>	<b>22</b>	7	5	3	7	9	8	5	0	2	7	5	8
	<b>5.4%</b>	6.8%	5.0%	2.9%	6.7%	4.1%	5.6%	11.1%	0.0%	5.0%	8.8%	5.9%	4.1%
<b>Don't know/care</b>	<b>40</b>	10	8	14	8	24	11	5	1	5	9	7	18
	<b>9.8%</b>	9.7%	8.0%	13.6%	7.7%	10.8%	7.7%	11.1%	10.0%	12.5%	11.3%	8.2%	9.2%
<b>Unsure what Yalgorup is</b>	<b>85</b>	12	7	27	39	35	34	16	1	12	18	19	35
	<b>20.7%</b>	11.7%	7.0%	26.2%	37.5%	15.8%	23.8%	35.6%	10.0%	30.0%	22.5%	22.4%	17.9%
<b>Unsure what heritage listing means</b>	<b>28</b>	7	13	3	5	14	10	4	2	3	3	7	13
	<b>6.8%</b>	6.8%	13.0%	2.9%	4.8%	6.3%	7.0%	8.9%	20.0%	7.5%	3.8%	8.2%	6.7%
<b>TOTAL</b>	<b>410</b>	103	100	103	104	222	143	45	10	40	80	85	195
	<b>100.0%</b>	100.0%	100.0%	100.0%	100.0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

# **Q11 How long have you lived in South West WA?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
0 – 12 months	<b>3</b> <b>0.7%</b>	0 0.0%	1 1.0%	1 1.0%	1 1.0%	2 0.9%	1 0.7%	0 0.0%	0 0.0%	1 2.5%	2 2.5%	0 0.0%	0 0.0%
13 – 24 months	<b>8</b> <b>2.0%</b>	3 2.9%	1 1.0%	2 1.9%	2 1.9%	4 1.8%	3 2.1%	1 2.2%	0 0.0%	3 7.5%	2 2.5%	0 0.0%	3 1.5%
Between 2 years and 5 years	<b>31</b> <b>7.6%</b>	8 7.8%	9 9.0%	9 8.7%	5 4.8%	20 9.0%	11 7.7%	0 0.0%	1 10.0%	4 10.0%	6 7.5%	6 7.1%	14 7.2%
6 years or more	<b>368</b> <b>89.8%</b>	92 89.3%	89 89.0%	91 88.3%	96 92.3%	196 88.3%	128 89.5%	44 97.8%	9 90%	32 80%	70 87.5%	79 92.9%	178 91.3%
TOTAL	<b>410</b> <b>100.0%</b>	103 100%	100 100%	103 100%	104 100%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%



**Q13 Which of the following best describes your current household status?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Couple with children	<b>108</b> <b>26.3%</b>	17 16.5%	25 25.0%	42 40.8%	24 23.1%	53 23.9%	40 28.0%	15 33.3%	5 50.0%	27 67.5%	40 50.0%	22 25.9%	14 7.2%
Couple without children	<b>205</b> <b>50.0%</b>	63 61.2%	48 48.0%	45 43.7%	49 47.1%	115 51.8%	72 50.3%	18 40.0%	0 0.0%	9 22.5%	22 27.5%	51 60.0%	123 63.1%
Single parent family	<b>19</b> <b>4.6%</b>	4 3.9%	5 5.0%	4 3.9%	6 5.8%	8 3.6%	10 7.0%	1 2.2%	4 40.0%	1 2.5%	9 11.3%	1 1.2%	4 2.1%
Single person household	<b>66</b> <b>16.1%</b>	15 14.6%	18 18.0%	10 9.7%	23 22.1%	40 18.0%	18 12.6%	8 17.8%	0 0.0%	2 5.0%	7 8.8%	8 9.4%	49 25.1%
Group household (living with friends)	<b>9</b> <b>2.2%</b>	4 3.9%	1 1.0%	2 1.9%	2 1.9%	5 2.3%	2 1.4%	2 4.4%	1 10.0%	0 0.0%	0 0.0%	3 3.5%	5 2.6%
Refusal	<b>3</b> <b>0.7%</b>	0 0.0%	3 3.0%	0 0.0%	0 0.0%	1 0.5%	1 0.7%	1 2.2%	0 0.0%	1 2.5%	2 2.5%	0 0.0%	0 0.0%
<b>TOTAL</b>	<b>410</b> <b>100.0%</b>	103 100%	100 100%	103 100%	104 100%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

**Q14 What is the highest level of education you have attained?**

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Primary School	<b>7</b> <b>1.7%</b>	1 1.0%	2 2.0%	0 0.0%	4 3.8%	5 2.3%	2 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 3.6%
Years 8 – 10	<b>127</b> <b>31.0%</b>	38 36.9%	32 32.0%	28 27.2%	29 27.9%	76 34.2%	44 30.8%	7 15.6%	1 10.0%	3 7.5%	13 16.3%	22 25.9%	88 45.1%
Years 11 – 12	<b>70</b> <b>17.1%</b>	18 17.5%	10 10.0%	23 22.3%	19 18.3%	41 18.5%	19 13.3%	10 22.2%	4 40.0%	11 27.5%	10 12.5%	19 22.4%	26 13.3%
TAFE or vocational college	<b>100</b> <b>24.4%</b>	24 23.3%	29 29.0%	19 18.4%	28 26.9%	51 23.0%	39 27.3%	10 22.2%	3 30.0%	13 32.5%	27 33.8%	18 21.2%	39 20.0%
University	<b>97</b> <b>23.7%</b>	22 21.4%	22 22.0%	32 31.1%	21 20.2%	44 19.8%	35 24.5%	18 40.0%	2 20.0%	13 32.5%	27 33.8%	25 29.4%	30 15.4%
Other (see below)	<b>3</b> <b>0.7%</b>	0 0.0%	1 1.0%	0 0.0%	2 1.9%	2 0.9%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.2%	2 1.0%
Refusal	<b>6</b> <b>1.5%</b>	0 0.0%	4 4.0%	1 1.0%	1 1.0%	3 1.4%	3 2.1%	0 0.0%	0 0.0%	0 0.0%	3 3.8%	0 0.0%	3 1.5%
TOTAL	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

## Q15 Are you currently employed?

	Overall	Location				Where you live			Age				
		Ramsar Wetlands	Coastal Plain	Forest and Scarp	Hotham and Williams	Townsite (urban area)	Rural or semi-rural area	Farm	15 – 24	25 - 39	40 – 54	55 – 64	65 plus
Full time	<b>116</b> <b>28.3%</b>	24 23.3%	25 25.0%	30 29.1%	37 35.6%	50 22.5%	37 25.9%	29 64.4%	3 30.0%	23 57.5%	42 52.5%	33 38.8%	15 7.7%
FIFO	<b>7</b> <b>1.7%</b>	3 2.9%	1 1.0%	2 1.9%	1 1.0%	3 1.4%	4 2.8%	0 0.0%	1 10.0%	2 5.0%	1 1.3%	3 3.5%	0 0.0%
Part time/Casual	<b>59</b> <b>14.4%</b>	9 8.7%	18 18.0%	18 17.5%	14 13.5%	30 13.5%	22 15.4%	7 15.6%	2 20.0%	10 25.0%	18 22.5%	17 20.0%	12 6.2%
Not employed	<b>28</b> <b>6.8%</b>	8 7.8%	8 8.0%	6 5.8%	6 5.8%	16 7.2%	11 7.7%	1 2.2%	4 40.0%	4 10.0%	12 15.0%	7 8.2%	1 0.5%
Retired	<b>192</b> <b>46.8%</b>	58 56.3%	47 47.0%	42 40.8%	45 43.3%	119 53.6%	65 45.5%	8 17.8%	0 0.0%	0 0.0%	3 3.8%	25 29.4%	164 84.1%
Other (see below)	<b>6</b> <b>1.5%</b>	1 1.0%	0 0.0%	4 3.9%	1 1.0%	3 1.4%	3 2.1%	0 0.0%	0 0.0%	1 2.5%	3 3.8%	0 0.0%	2 1.0%
Refusal	<b>2</b> <b>0.5%</b>	0 0.0%	1 1.0%	1 1.0%	0 0.0%	1 0.5%	1 0.7%	0 0.0%	0 0.0%	0 0.0%	1 1.3%	0 0.0%	1 0.5%
TOTAL	<b>410</b> <b>100.0%</b>	103 100.0%	100 100.0%	103 100.0%	104 100.0%	222 100.0%	143 100.0%	45 100.0%	10 100.0%	40 100.0%	80 100.0%	85 100.0%	195 100.0%

# Peel-Harvey Catchment Council

Community Survey 2018

## 3. WEIGHTED DATA ANALYSIS TABLES

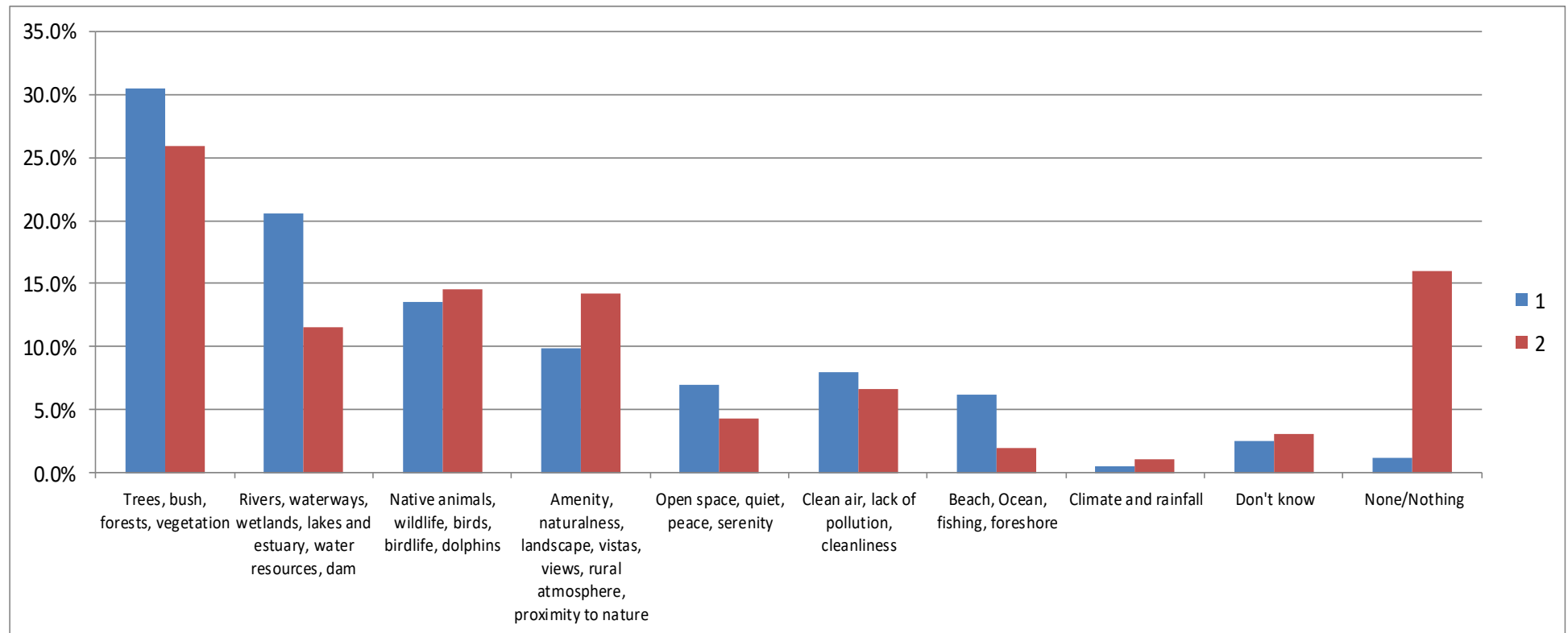
February 2018



**Q1. Overall two things that you value most about the natural environment in your local area**

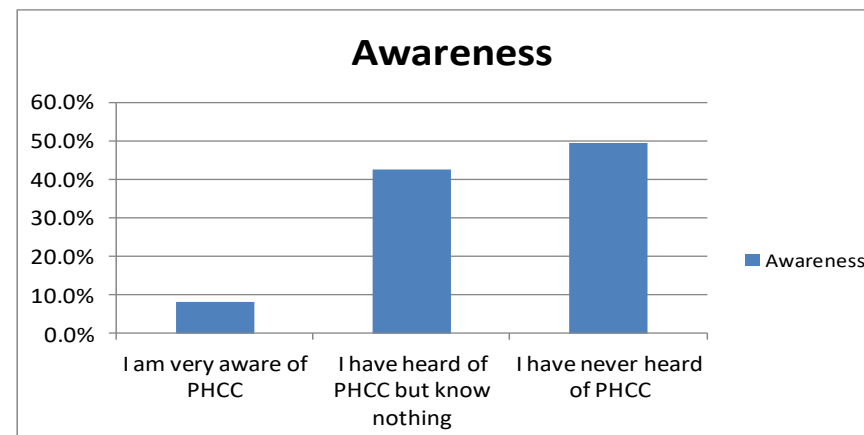
	<b>First response</b>	<b>Second response</b>
Trees, bush, forests, vegetation	124 30.5%	105 25.9%
Rivers, waterways, wetlands, lakes and estuary, water resources, dam	84 20.6%	47 11.5%
Native animals, wildlife, birds, birdlife, dolphins	55 13.5%	59 14.6%
Amenity, naturalness, landscape, vistas, views, rural atmosphere, proximity in nature	40 9.9%	58 14.2%
Open space, quiet, peace, serenity	28 7.0%	18 4.3%
Clean air, lack of pollution	32 8.0%	27 6.6%
Beach, ocean, fishing, foreshore	25 6.2%	8 2.0%
Climate and rainfall	2 0.5%	4 1.1%
Heritage – (European)	0 0.0%	3 0.8%
Don't know	10 2.5%	12 3.1%
None/Nothing	5 1.2%	65 16.0%

# Q1 The two things you value the most

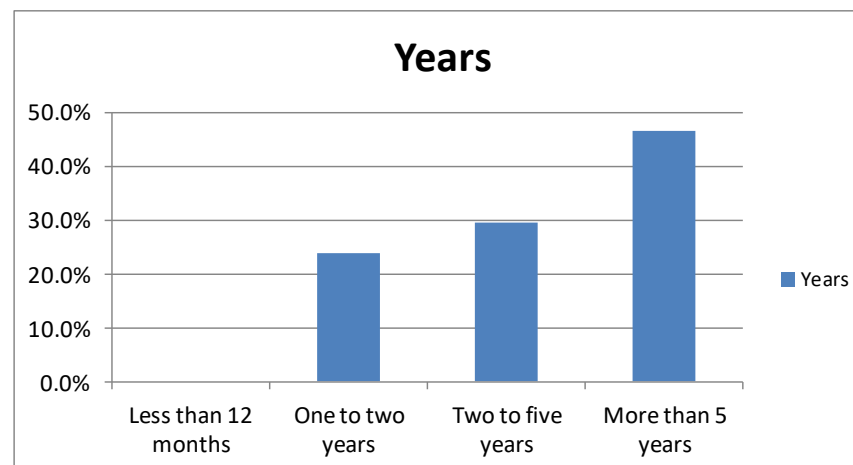


**Q2 How aware are you of the Peel-Harvey Catchment Council or PHCC (prior to this survey)?**

Awareness	Overall
I am very aware of PHCC	33 8.1%
I have heard of PHCC but know nothing	172 42.5%
I have never heard of PHCC	201 49.4%



How long have you been aware	Overall
Less than 12 months	0 0.0%
1 – 2 years	8 23.9%
2 – 5 years	10 29.6%
More than 5 years	15 46.5%

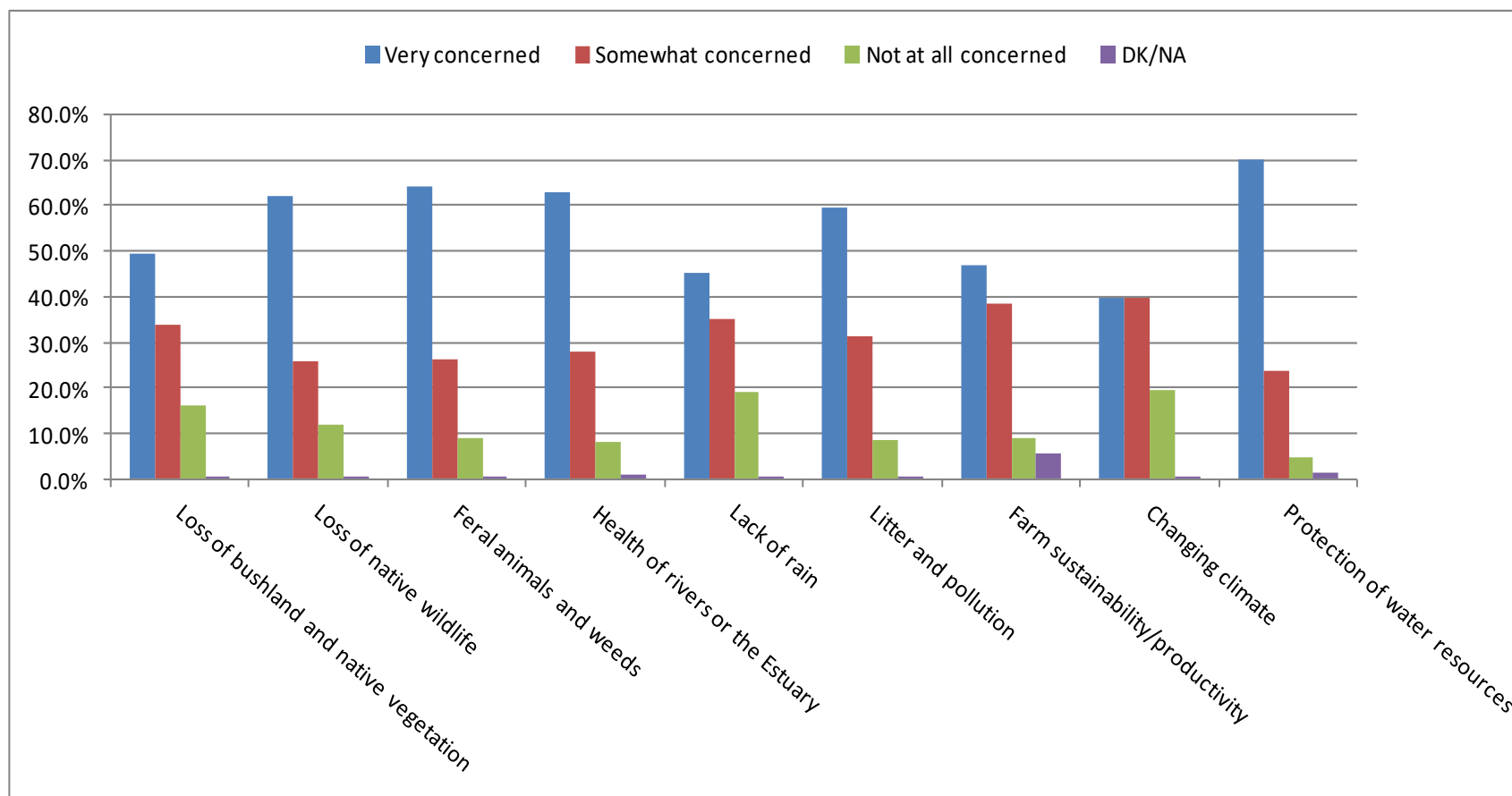




### Q3 Environmental concerns for your area

	<b>Very concerned</b>	<b>Somewhat Concerned</b>	<b>Not at all concerned</b>	<b>DK/NA</b>
a. Loss of bushland and native vegetation	202 49.6%	137 33.8%	66 16.2%	2 0.4%
b. Loss of native wildlife	252 62.0%	105 25.8%	48 11.9%	1 0.2%
c. Feral animals and weeds	261 64.2%	106 26.2%	36 8.9%	3 0.7%
d. Health of rivers or the Estuary	256 62.9%	113 27.9%	34 8.3%	4 0.9%
e. Lack of rain	184 45.4%	142 35.1%	78 19.3%	1 0.3%
f. Litter and pollution	242 59.6%	128 31.4%	35 8.5%	2 0.4%
g. Farm sustainability / productivity	191 47.0%	156 38.5%	37 9.0%	22 5.5%
h. Changing climate	161 39.7%	162 39.9%	80 19.6%	3 0.8%
i. Protection of water resources	285 70.1%	96 23.7%	19 4.8%	6 1.4%

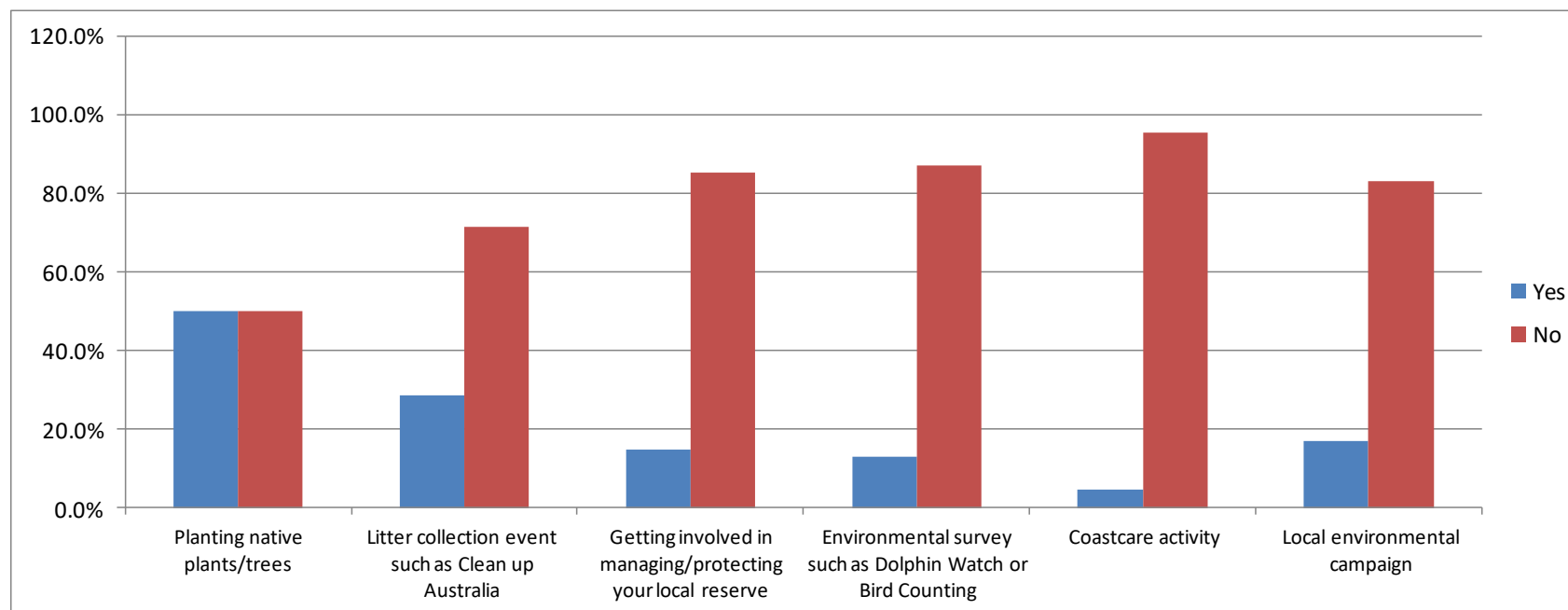
### Q3 Overall Concern



**Q4 Which activities assisting the natural environment have you participated in the last 2 years?**

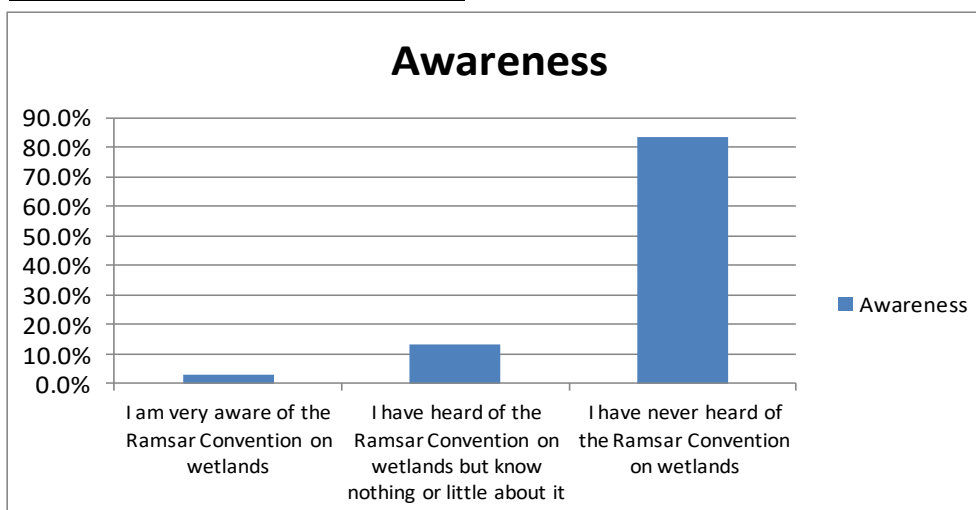
<b>Activities</b>	<b>Yes</b>	<b>No</b>
Planting native plants/trees	203 50.0%	203 50.0%
Litter collection event such as Clean up Australia or Pave the Way	116 28.6%	290 71.4%
Getting involved in managing/protecting your local reserve or landcare/bushcare group	60 14.8%	346 85.2%
Environmental survey such as Dolphin Watch or Bird Counting	53 13.0%	353 87.0%
Coastcare activity	19 4.6%	387 95.4%
Local Environmental campaign	69 17.0%	337 83.0%

**Q4 Which activities assisting the natural environment have you participated in the last 2 years**



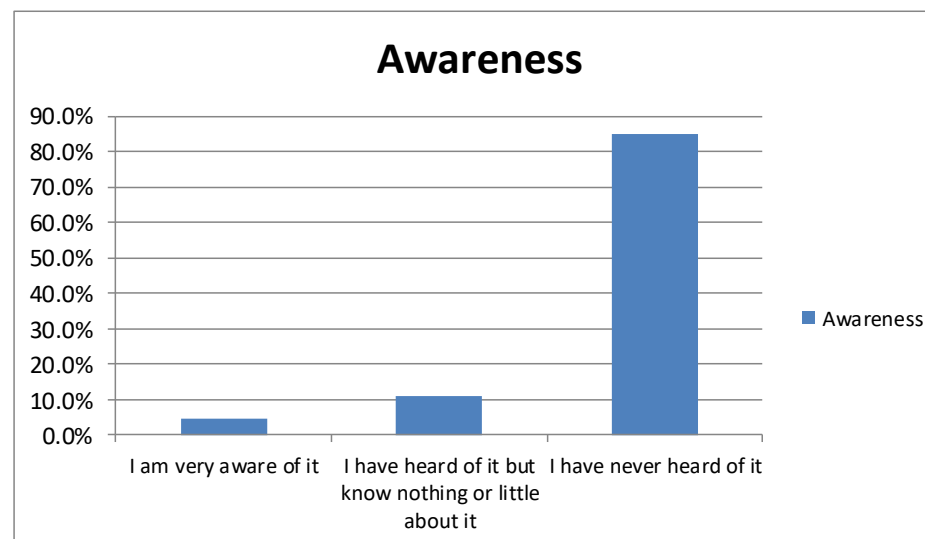
**Q5 How aware are you of the Ramsar Convention on wetlands?**

Awareness	Overall
I am very aware of the Ramsar Convention on wetlands	12 3.1%
I have heard of the Ramsar Convention on wetlands but know nothing or little about it	54 13.3%
I have never heard of the Ramsar Convention on wetlands	340 83.6%



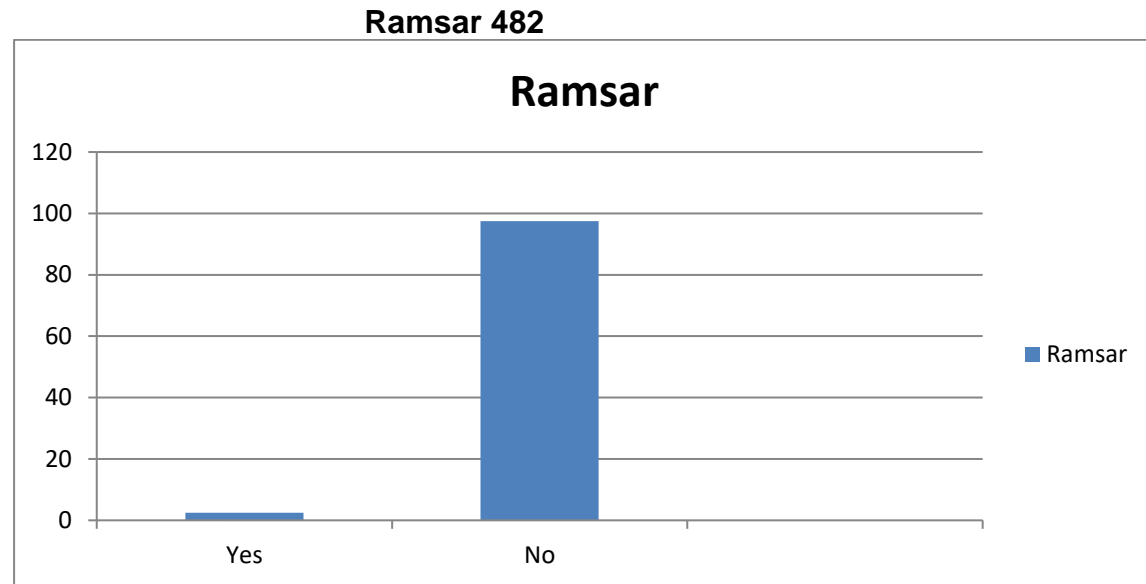
**Q6 How aware are you that the Peel-Harvey Estuary is a Ramsar Wetland area?**

Awareness	Overall
I am very aware of it	18 4.3%
I have heard of it but know nothing or little about it	44 10.9%
I have never heard of it	344 84.8%



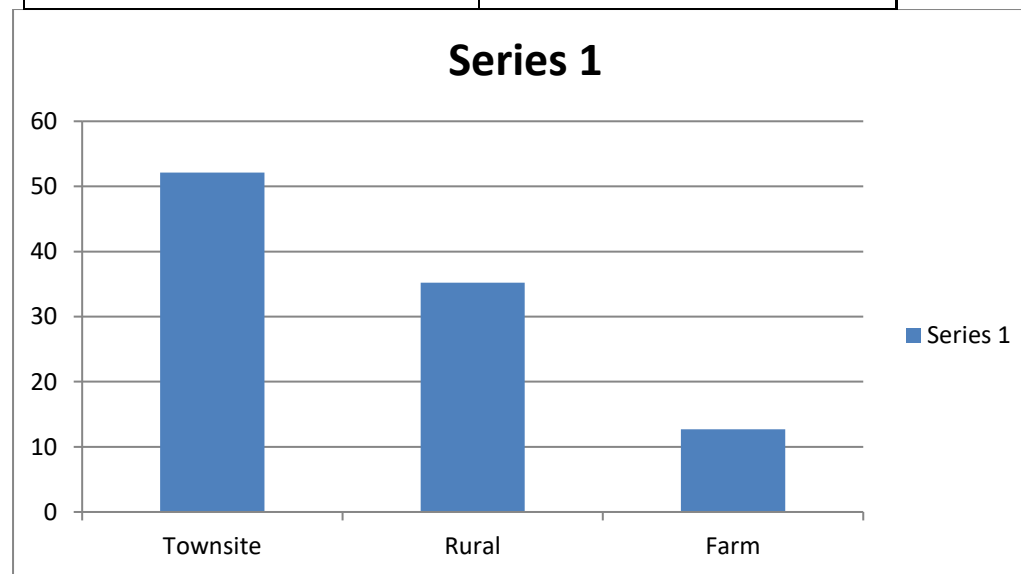
**Q7 Are you aware of the term ‘Ramsar 482’?**

Ramsar 482	Overall
Yes	10 2.5%
No	396 97.5%
<b>TOTAL</b>	406 100.0%



**Q8 Which of the following best describes where you live?**

	Overall
Townsite (urban area) or residential block	211 52.1%
Rural or semi-rural area, small acreage	143 35.2%
Farm	52 12.7%

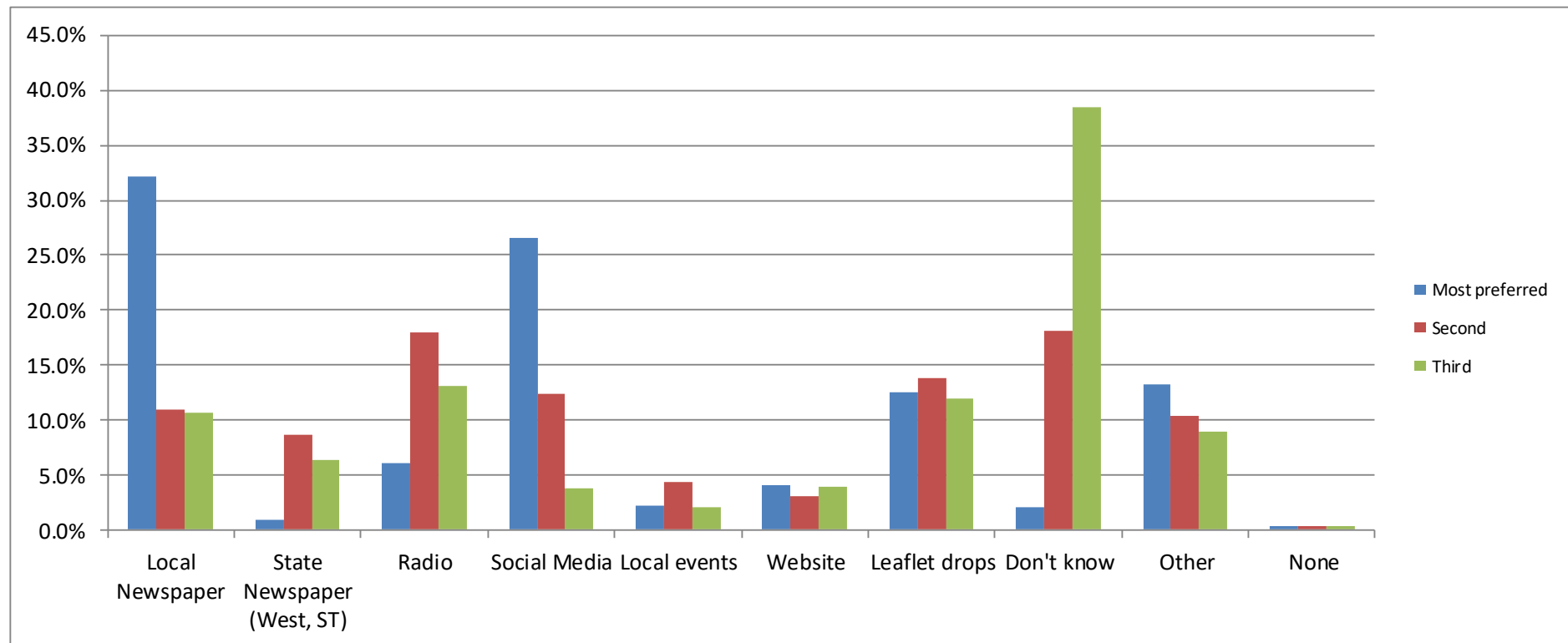




**Q9 Which of the following media would be your ... Most preferred? Second? Third?**

	<b>Most preferred</b>	<b>Second</b>	<b>Third</b>
Local Newspaper	131 32.2%	44 10.9%	44 10.7%
State Newspaper (West, ST)	4 0.9%	35 8.7%	26 6.4%
Radio	25 6.1%	73 17.9%	53 13.1%
Social Media	107 26.5%	50 12.4%	16 3.8%
Local events	9 2.2%	18 4.4%	9 2.1%
Website	17 4.1%	13 3.1%	16 3.9%
Leaflet drops	51 12.5%	56 13.8%	48 11.9%
Don't know	8 2.0%	74 18.1%	156 38.5%
Other	54 13.2%	42 10.3%	37 9.0%
None	1 0.3%	2 0.4%	2 0.4%

... Q9 Which of the following media would be your ... Most preferred? Second? Third?



**Q10 Do you think the Yalgorup National Park/Yalgorup Lakes should be considered for either World or National Heritage listing?**

	Overall
Yes	222 54.6%
No	21 5.3%
Don't know/care	42 10.5%
Unsure what Yalgorup is	88 21.6%
Unsure what heritage listing means	33 8.1%

