



**K'gari (Fraser Island)
Sustainable Visitor Capacity and Management Study**

Technical Appendices

November 2022

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Disclaimer

The information and recommendations provided in this document are made on the basis of information available at the time of preparation and the assumptions outlined throughout the document. While all care has been taken to check and validate material presented in this report, independent research should be undertaken before any action or decision is taken on the basis of material contained in this report. This report does not seek to provide any assurance of project viability and EarthCheck accepts no liability for decisions made or the information provided in this report.

1. Introduction

This document contains a consolidated summary of detailed research conducted during the Sustainable Visitor Management and Carrying Capacity Study (SVCM) for K'gari (Fraser Island) including reports of the community, permit holder and business & tourism surveys. Subject matter is incorporated under a series of individual appendices.

Appendix 1: Comparison of Australian National Park Vehicle Fees and Passes

Figure A: Fees Comparison

State	Permit/Price
NSW	<ul style="list-style-type: none"> All Parks Pass: \$190 (1 year), \$335 (2 years) Multi Park Pass: \$65 (1 year), \$115 (2 years) Country Parks Pass: \$45 (1 year), \$75 (2 years) Single Park Pass: \$22 (1 year), \$40 (2 years) <p><i>*Seniors discounts apply: Parks NSW</i></p>
ACT	<p>Namadgi National Park and Tidbinbilla access</p> <p>- Private Vehicle (up to 8 seats): \$14 (day pass), \$38 (annual pass)</p> <p><i>*Different prices for different vehicle types, seniors or school groups: Tidbinbilla</i></p>
VIC	<p>No vehicle entry fees – fees only apply for events or camping, with peak, shoulder and off peak rates applying in busy parks</p>
TAS	<ul style="list-style-type: none"> Daily Pass (excluded Cradle Mountain): \$40 (per vehicle), \$20 (per person) Icon Daily Pass (Cradle Mountain only): \$25 (Adults), \$10 (Children), \$60 (Family) Holiday Passes – up to 2 months (includes Cradle Mountain): \$80 (per vehicle), \$40 (per person) Annual Park Pass – all parks: \$90 (General), \$36 (Seniors), \$46 (One Park) Two Year Parks Pass – all parks: \$115 (General), \$46 (Seniors) <p><i>*Concession discounts apply: Parks TAS</i></p> <p>Arthur-Pieman Conservation Area Recreation Driver Pass (4WD)</p> <ul style="list-style-type: none"> 1 month Pass: \$33 Annual Pass: \$55 <p>Arthur-Pieman Conservation Area</p>
SA	<ul style="list-style-type: none"> 2-month Multi-parks Pass: \$48 (adult), \$38.50 (concession) 12-month Multi-parks Pass: \$108 (adult), \$87 (concession) 12-month Single Park Pass: \$72 (adult), \$60 (concession) 12-month Vehicle and Camping for Desert Parks: \$178 12-month Vehicle and Camping for Desert Parks Renewal: \$107 <p>Parks SA</p> <p>Kangaroo Island Tour Pass: \$54.50 (adult), \$161.50 (family) Kangaroo Island</p>
WA	<ul style="list-style-type: none"> Holiday Pass: \$60 (4 weeks), \$40 (14 days), \$25 (5 days) Annual All Parks Pass (12 months): \$120 (adult), \$75 (concession) Goldstar Pass (12 months): \$150 Annual Local Park Pass (12 months): \$25 <p>Parks WA</p>
NT	<p>Uluru- Kata Tjuta Park Passes</p> <ul style="list-style-type: none"> Adult: \$38 (3 days), \$50 (12 months) Vehicle of resident of the NT (12 months): \$109 <p>Uluru Passes</p>

Appendix 2: Summary of Community, Business and Permit Holders Surveys

Three surveys were distributed to local stakeholders between 15th November and 6th December 2021

- K'gari (Fraser Island) User Survey (vehicle and camping permit holders over the previous 2 years).
- K'gari (Fraser Island) Business and Tourism Survey (Commercial Tourism Operators (CTOs) in the area and broader tourism business community); and
- K'gari (Fraser Island) Community Survey (Residents within 50km of K'gari (Fraser Island) and community facebook groups e.g., conservation groups and camping groups.)

The surveys have been instigated to fill gaps in evidence required to develop well-informed recommendations on carrying capacities and visitor management options.

The surveys cover overall sentiment towards K'gari (Fraser Island), as well as perspectives on a number of identified sites:

- Lake McKenzie
- Lake Wabby
- Champagne Pools
- Maheno
- Eli Creek
- Indian Head
- Central Station
- Eastern Beach
- Waddy Point
- Western Beach (Wathumba, Moon Point)

Survey Response Levels

Across the three surveys, a total of 1,571 responses were received:

- Community survey 802;
- Business and tourism survey 40;
- Permit holders/ user survey 729.

Survey Questions

The surveys aimed to identify stakeholder values and views regarding current visitation and sentiment towards visitor management options and priorities.

The surveys had 4 principal components:

Table 1 - The four key areas within each of the three different surveys.

	Community	Business and Tourism	User
Section 1	About you	About Your Business	About You
Section 2	Your visits to K'gari (Fraser Island).	Your thoughts on current tourism activity in K'gari (Fraser Island).	Your visits to K'gari (Fraser Island).
Section 3	Your thoughts on current tourism activity in K'gari (Fraser Island).	Your thoughts on future management of visitor activity in K'gari (Fraser Island).	Your thoughts on current tourism activity in K'gari (Fraser Island).
Section 4	Your thoughts on future management options for K'gari (Fraser Island).	Business opportunities in K'gari (Fraser Island).	Your thoughts on future management options for K'gari (Fraser Island).

Purpose of this document

This summary document provides an overview of survey responses, highlighting areas where there was consensus or differentiation in views across the three stakeholder groups¹. Individual reports for the three surveys provide additional detail.

The results of the three surveys can be described as pro-management in sentiment, with strong recognition of the values and attributes of K'gari (Fraser Island), an overall recognition that management action is required, and being supportive of a range of potential management options, including examining capacity limits for daily visitor/vehicle numbers at peak periods. There is a stronger degree of consensus across the three respondent groups than envisaged pre-survey.

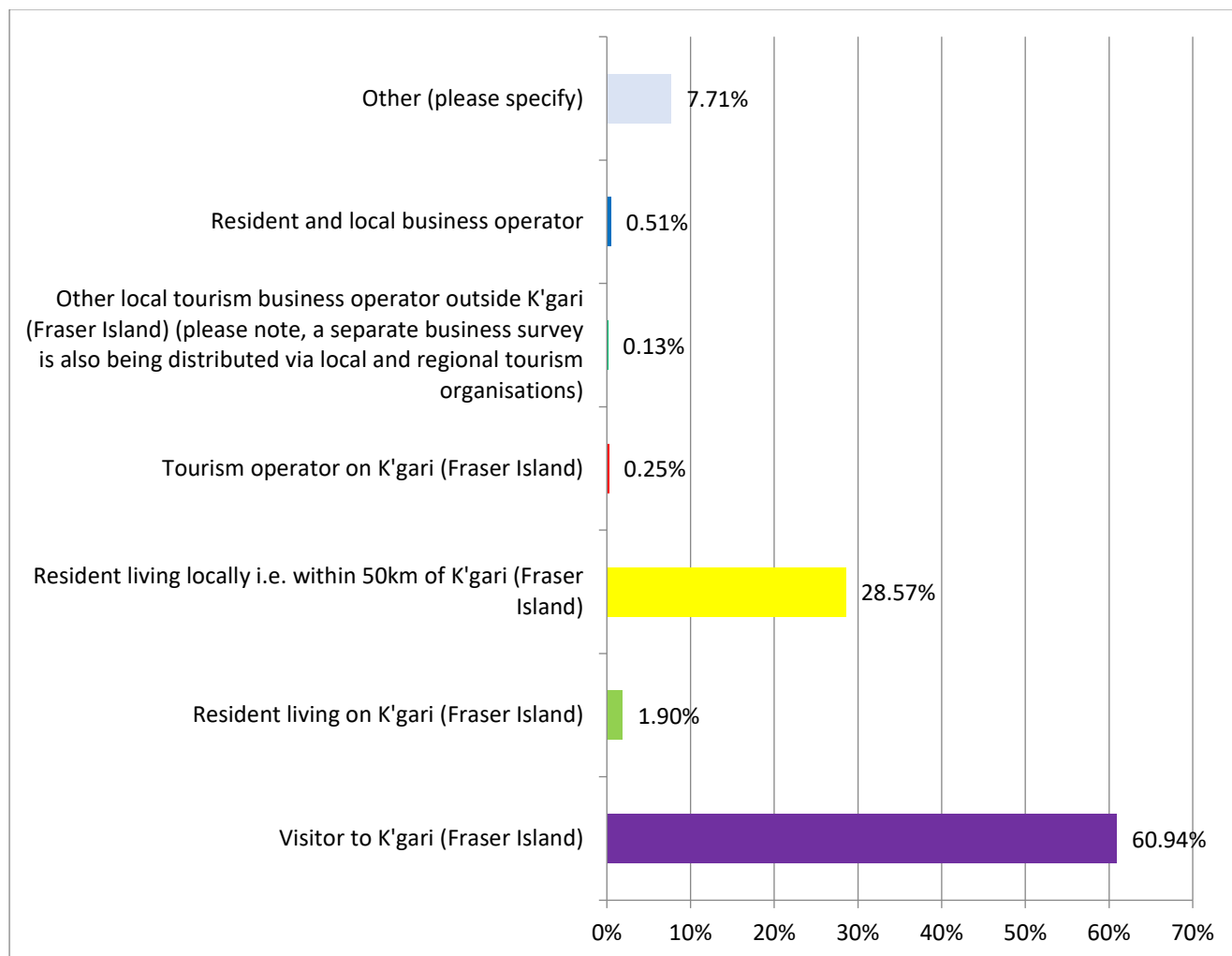
¹ NB: The Business and Tourism Survey has a different set of questions – comparison has been provided where relevant.

SECTION 1 – ABOUT YOU

Q1

Description - The first question in each survey seeks information on the type of respondent completing the survey.

Community Survey - Q1. Please select the category that best describes you.

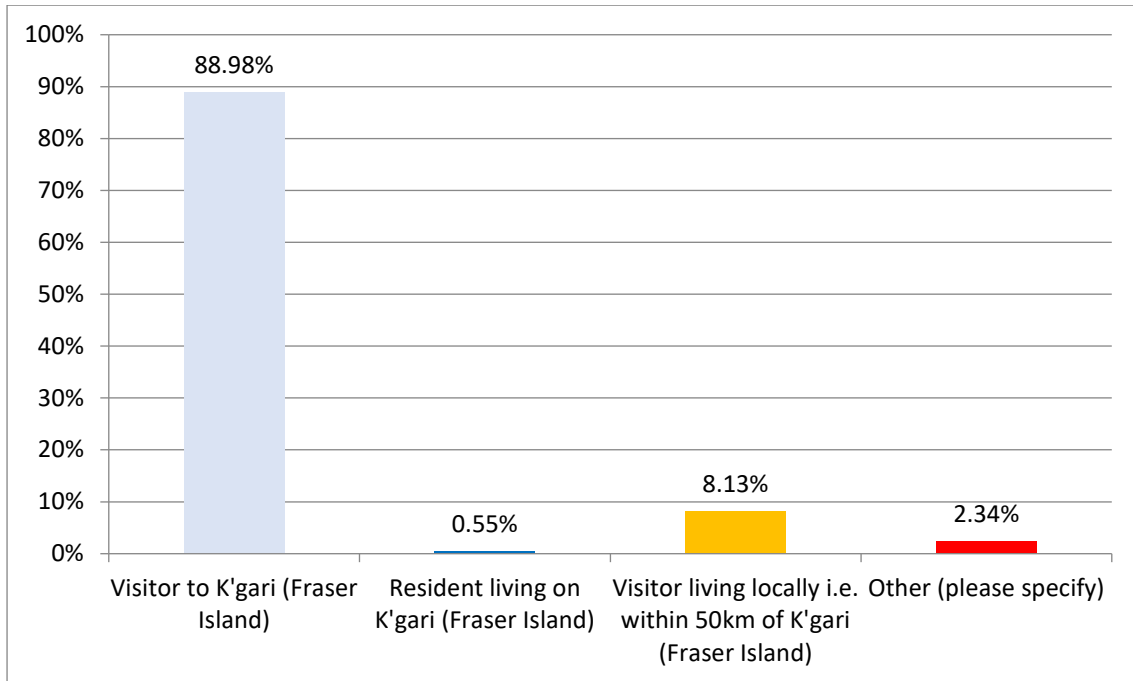


More than half of community respondents were 'Visitor to K'gari (Fraser Island)' at 60.94%, followed by 'Resident living locally' at 28.57%. There were 61 respondents (7.71%) who selected "Other" as the category that best suited them. The main sub-categories within "Other" were identified as:

- Residents
- Environmental Group
- Researcher
- Volunteers
- Works in region
- Visitors from over 50km away from the recreation area.
- Friend or family member of resident

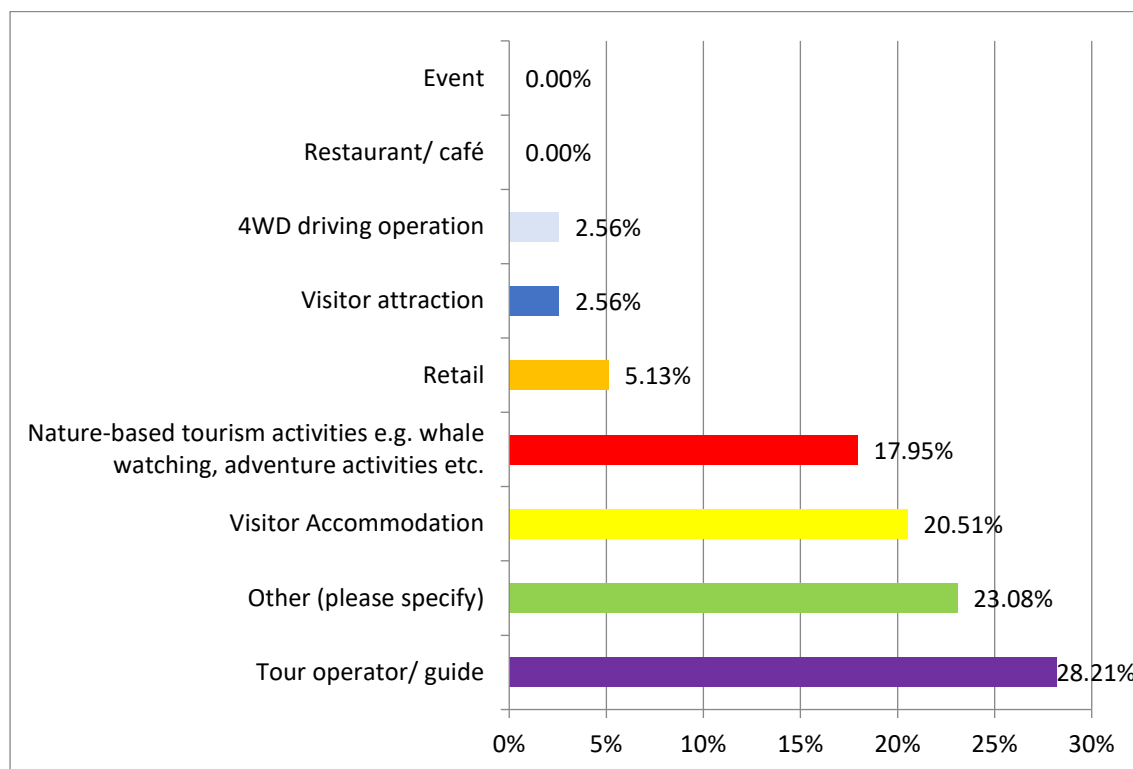
- Owns a holiday house in region
- Traditional Owner and Custodian

User Survey- Q1. Please select the category that best describes you.



The majority of user respondents were 'Visitor to K'gari (Fraser Island)' at 88.98%. There were 17 respondents (2.34%) who selected "Other" as the category that best suited them. The two sub-categories within the "Other" responses are identified as visitors living more than 50km away and resident.

Business Survey - Q1. Please select the category that best describes your business.



There were 11 tour operators/guides, 8 accommodation providers, 7 providers in nature-based tourism activities, 2 working in retail, 1 as a visitor attraction and 1 as a 4WD driving operation. A further 9 respondents selected 'Other', *Table 2*, illustrates these responses. Some respondents selected 'Other' as they fit multiple categories or felt 'Other' was the best fit for their business in the list.

Table 2 - The Tourism and Business responses from the "Other" category for Question 1.

Hervey Bay Real Estate Agent	Tour Operator, Visitor Accommodation, 4WD Hire	Licensed Hotel Motel and Retail Liquor
We have accommodation, a convenience store and a pub	Licensed Community Club	Visitor Accommodation, café, retail, and fuel supply
Marina	Marina	Nature photography tour/workshop

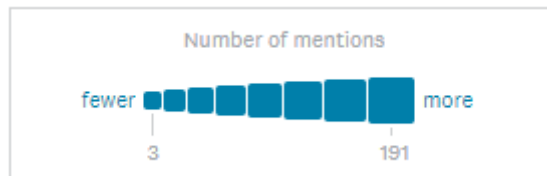
Q2

Description – This question aims to gain a better understanding of where respondents are located.

Community Survey - Q2. *What is the post code for your normal place of residence?*

Q2 What is the post code for your normal place of residence?

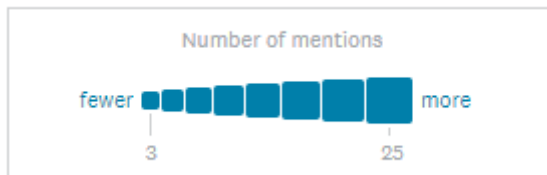
4285 4122 4061 4226 4300 2541 4054 4078 4020 4160 4211 4560 4055 2448 **4152**
 4128 **4017** 4035 **4573** 4511 **4350** 4124 **4207** 4306 **4551** 4567 **4500** 4558
4670 4508 **4650** 4505 **4655** 4503 **4570** 4215 **4581**
 4074 **4305** 4165 **4659** 4021 **4580** 4164 **4506** 4565 **4213** 4158 **4209** 4163
 4504 4568 4069 4000 4510 4216 4304 4352 4159 4133 4680 4179



User Survey - Q2. *What is the post code for your normal place of residence?*

Q2 What is the post code for your normal place of residence?

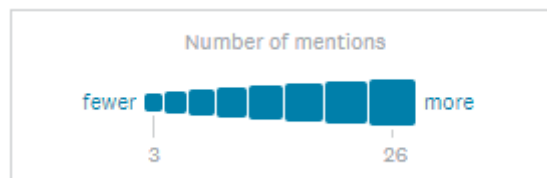
4031 4164 4520 2210 4053 4021 4118 4215 4124 4115 4152 4218 4017 4051 4280 4502
 4509 4067 4165 4508 4075 2487 4068 4154 4506 4060 **4211** 4123 **4703** 4555
4179 6011 **4305** 4580 **4507** 4575 **4121** 4012 **4500** 4226 **4551** 4343
4573 4304 **4556** 4581 **4670** 4563 **4655** 4078 **4069**
 4553 **4570** 4352 **4650** 4285 **4503** 4518 **4510** 4564 **4505** 4066 **4300**
 4870 **4560** 4558 **4680** 4567 **4306** 4552 **4209** 4160 **4350** 4659 **4301** 4566 4740
 4557 4216 4014 4207 4005 4122 4702 4217 4061 4034 4133 4065 4055 4565 4030 4214
 4101 4020



Business Survey - Q2. *What is the post code for your business's principal location?*

Q2 What is the post code for your business's principal location?

4581₄₆₅₀ 4655



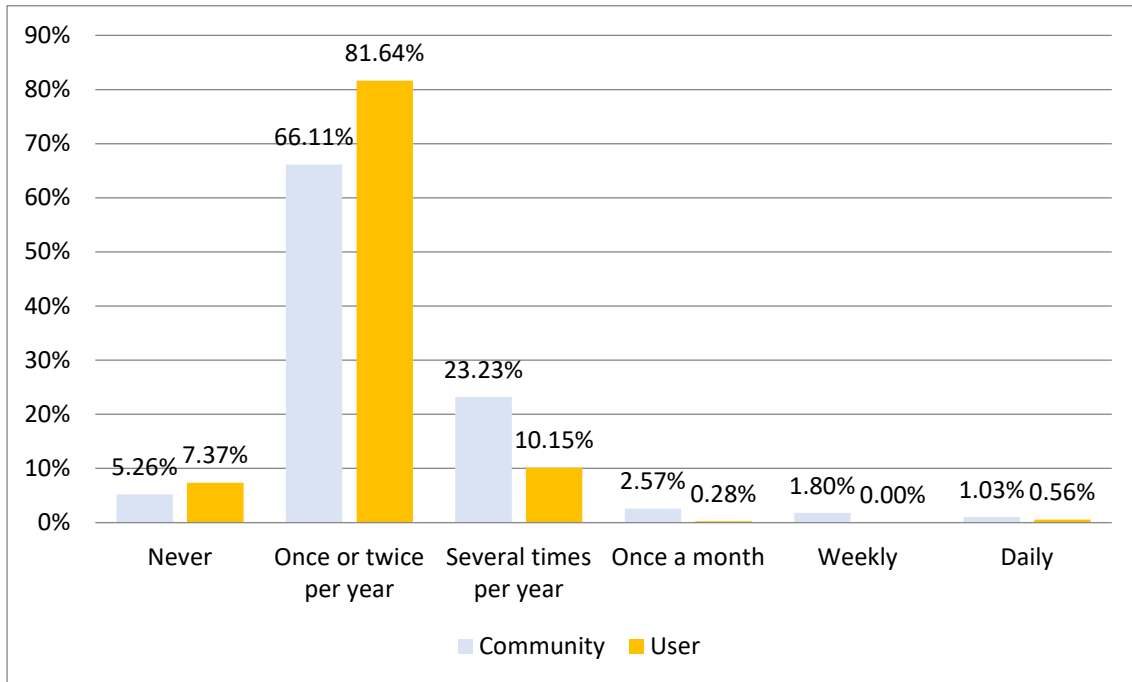
Overview of Responses - For all the surveys i.e., Community Survey, User survey, and business survey, the postcode with the most responses is 4655 (with 189, 25, and 25 responses, respectively). This postcode includes the areas of: Booral, Bunya Creek, Craginsh, Dundowran, Dundowran Beach, Eli Waters, Ghost Hill, Great Sandy Strait, Happy Valley, Hervey Bay, Hervey Bay Dc, Kawungan, Kingfisher Bay, Kingfisher Bay Resort, Nikenbah, Pialba, Point Vernon, River Heads, Scarness, Sunshine Acres, Susan River, Takura, Toogoom, Torquay, Urangan, Urraween, Walliebum, Walligan, Wondunna.

SECTION 2 - YOUR VISITS TO K'GARI (FRASER ISLAND)

Q3

Description – A visit frequency question.

Community and User Survey – Q3. How often do you visit K'gari (Fraser Island)?



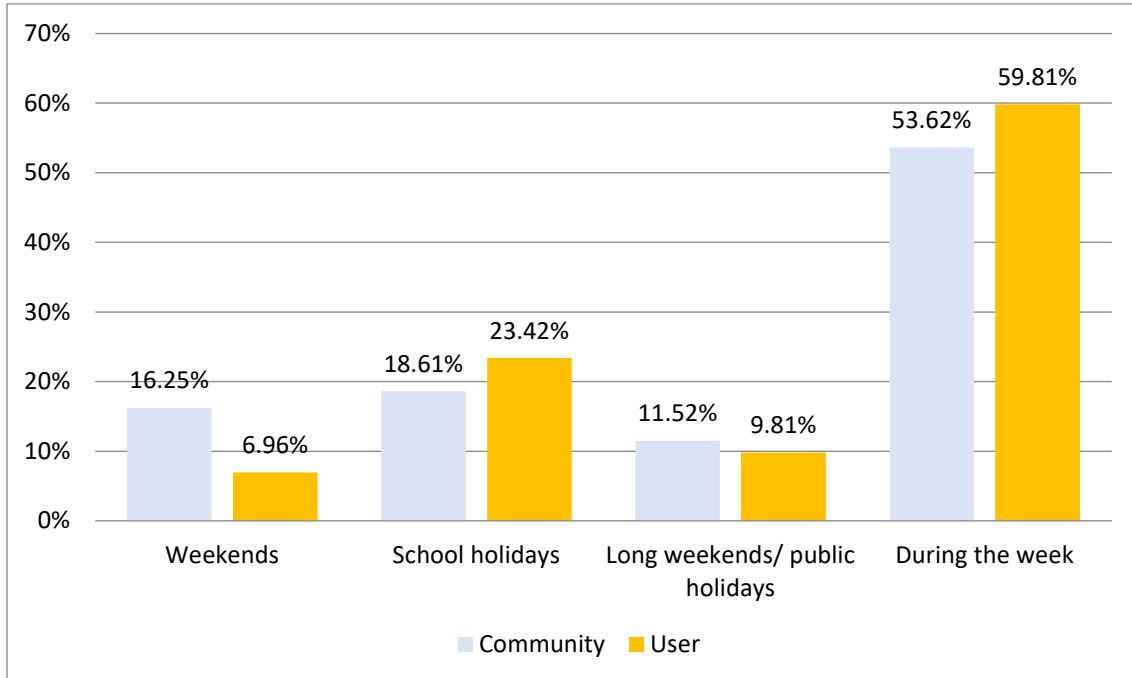
Please note that for the purpose of comparison, the Community and User survey results for Question 3 have been combined.

Overview of Responses – A number of differences were noted between the Community and User surveys. The most prominent response for both surveys was 'Once or twice per year', with Community at 66.11% compared to User at 81.64%. This is followed by the answer 'Several times per year', where Community results are higher at 23.23% compared to User at 10.15%. This demonstrates Community visit K'gari (Fraser Island) more frequently than User. This is expected given the wider geographic spread of permit holder/user respondents. There is notably a higher response rate for 'Never' by User at 7.37%, compared to Community at 5.26%, possibly due to the impacts of COVID-19 preventing User respondents from visiting.

Q4

Description – This question focuses on the typical time of visits to K’gari (Fraser Island).

Community and User Survey – Q4. When do you usually visit K’gari (Fraser Island)? Please select the option where you visit most often.



Please note that for the purpose of comparison, the Community and User survey results for Question 4 have been combined.

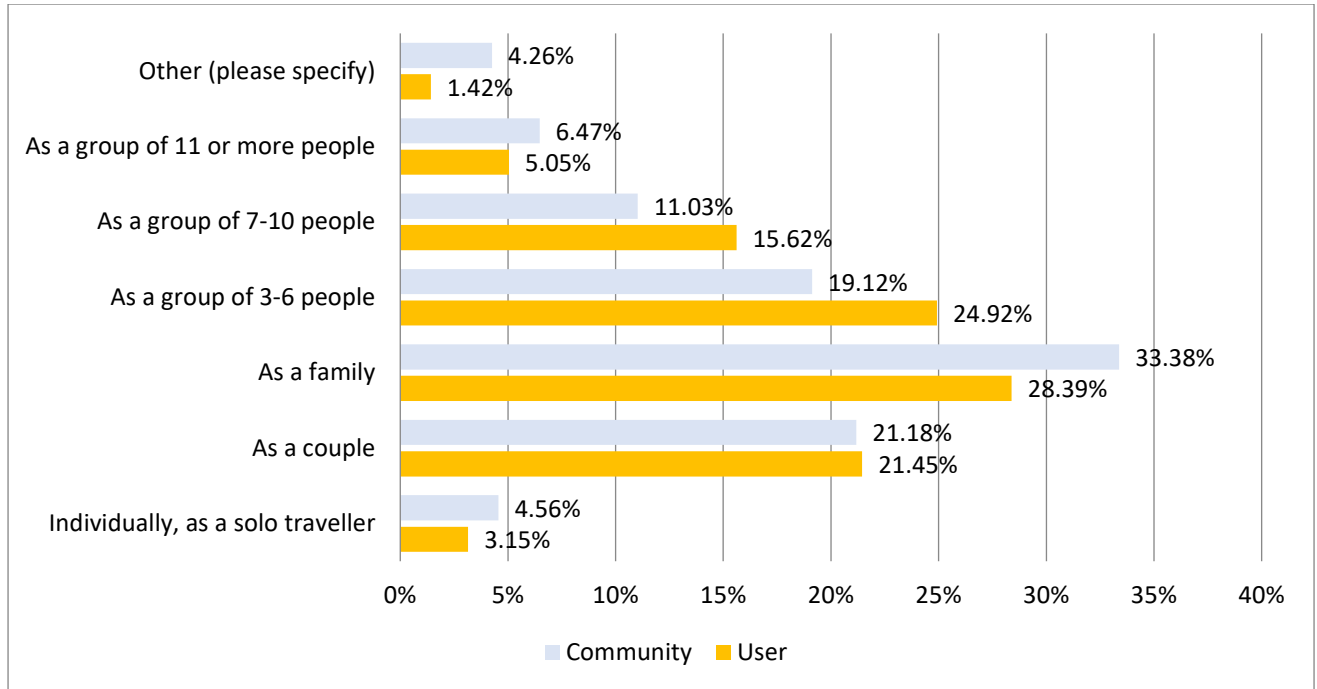
Overview of Responses - Both surveys had a similar response profile with the largest proportion of visitors 'During the week', following by 'School holidays'. Both 'During the week' and 'School holidays' were more prominent for User respondents at 59.81% and 23.42% respectively, while Community respondents had higher results 'Weekends' and 'Long weekends/public holidays' at 16.25% and 11.52% respectively.

The responses which indicate that staying during the week is the most popular time to visit is surprising, given that peak periods for short breaks in most destinations are usually weekends. Given further consideration, it is thought that this result reflects the visitation patterns where visitors of K’gari typically stay for a number of days, covering both weekends and weekdays. The relatively high cost of travel to the island would be a factor which influences this visitation pattern.

Q5

Description – This question focuses on the type of group or party visiting K’gari (Fraser Island).

Community and User Survey – Q5. When you visit K’gari (Fraser Island), what type of group or party do you normally travel as part of?



Please note that for the purpose of comparison, the Community and User survey results for Question 5 have been combined.

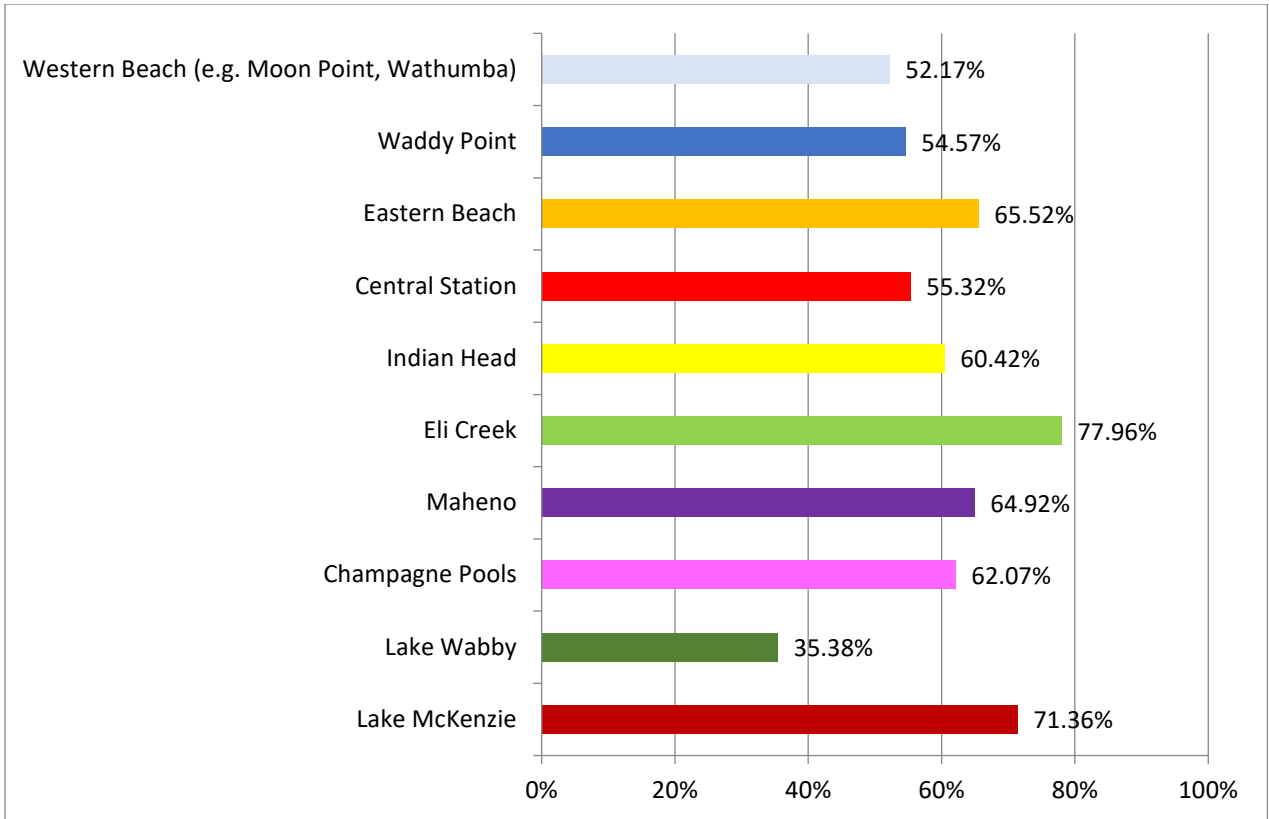
Overview of Responses - A number of differences were noted between the Community and User surveys, with the largest Community response visiting the island ‘As a family’ (33.38%) followed by ‘As a couple’ (21.18%).

For the User survey, the largest response was ‘As a family’ (28.39%) followed by ‘As a group of 3-6 people’ (24.92%). This profile shows that travelling in groups is preferred by permit holder/user respondents.

Q6

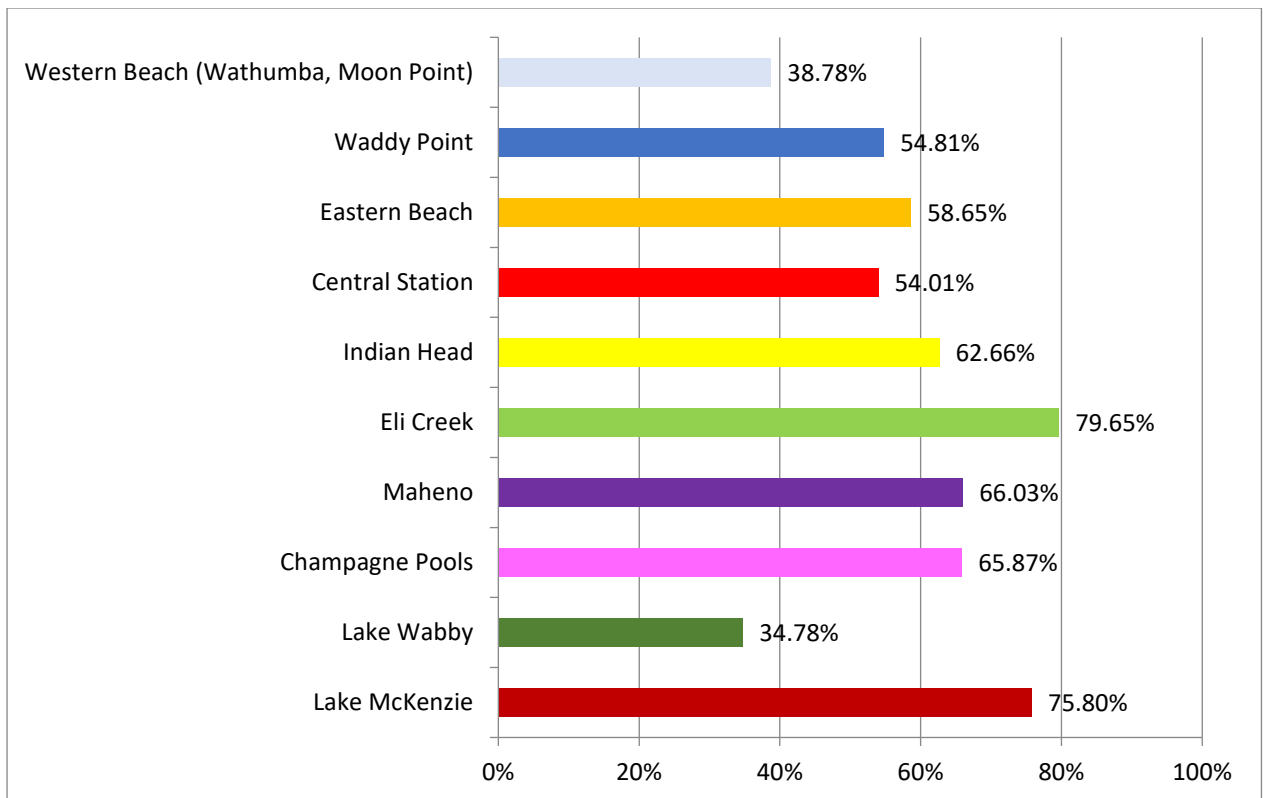
Description – This question seeks information on the K’gari (Fraser Island) locations which respondents visited regularly.

Community Survey – Q6. Do you regularly visit any of the following locations in K’gari (Fraser Island)? Please select all options that apply.



Overview of Responses – In terms of sites visited regularly by community respondents, Eli Creek and Lake McKenzie were the most popular locations. Eastern Beach’s role as the main highway to and from Hook Point means that it is also visited by a relatively large proportion of all visitors, with sites such as Maheno and Eli Creek being focal points for visitors.

User Survey– Q6. Do you regularly visit any of the following locations in K'gari (Fraser Island)? Please select all options that apply.

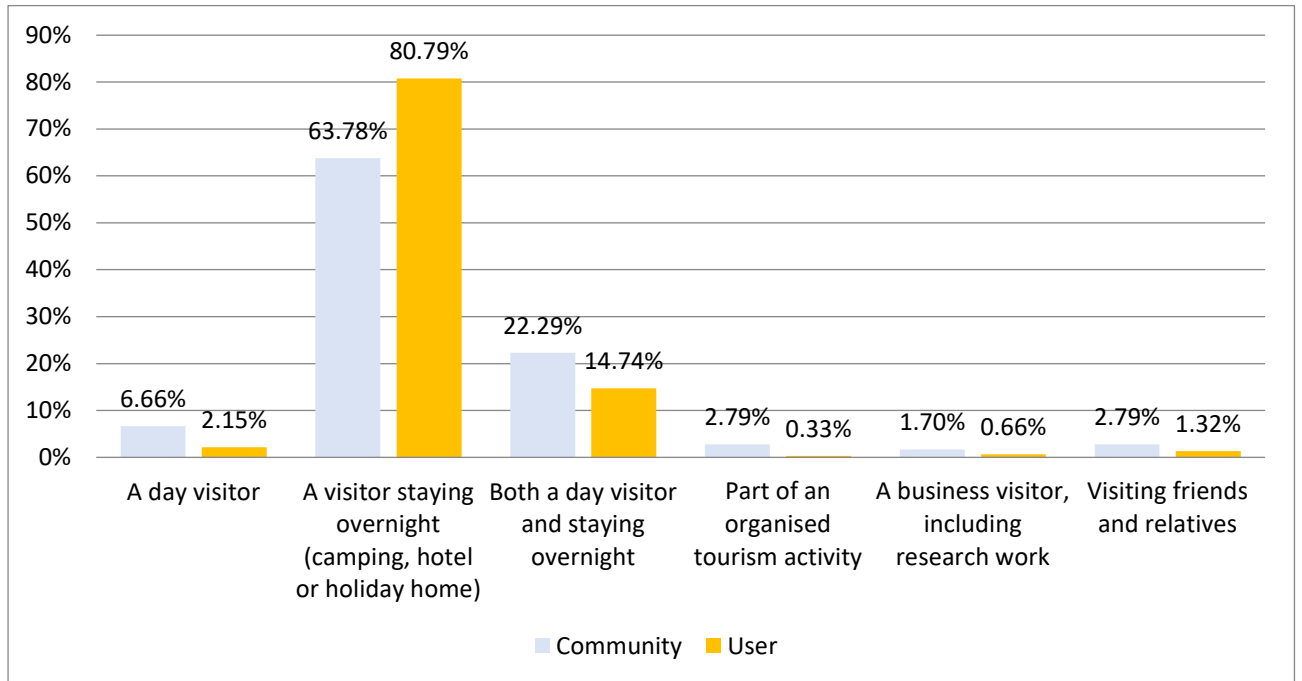


Overview of Responses - The Community and User surveys generated similar response profiles, with Eli Creek and Lake McKenzie being the most popular locations. However, Eastern Beach was more popular with Community respondents, while Champagne Pools was more popular for permit holders/users. Eastern Beach's role as the main highway to and from Hook Point means that it is visited by a relatively large proportion of all visitors, with sites such as Maheno and Eli Creek being focal points for visitors.

Q7

Description – This question seeks information on whether respondents were day visitors or campers.

Community and User Survey – Q7. *When you visit K’gari (Fraser Island), is it usually as?*



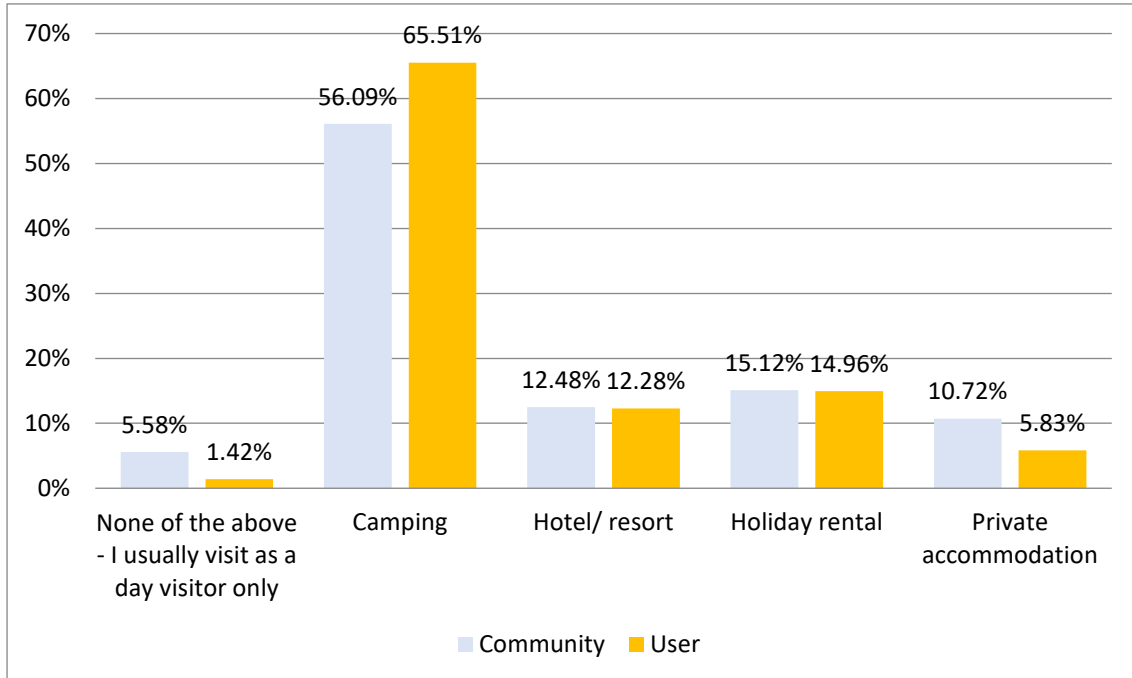
Please note that for the purpose of comparison, the Community and User survey results for Question 7 have been combined

Overview of Responses – The most prevalent type of accommodation usage was visitors staying overnight (camping, hotel or holiday homes) with Community at 63.78% and User at 80.79%. The Community respondents contained a larger proportion (of being both a day visitor and staying overnight (22.29%).

Q8

Description – Type of accommodation

Community and User Survey – Q8. When you visit K'gari (Fraser Island), what type of accommodation do you usually choose?



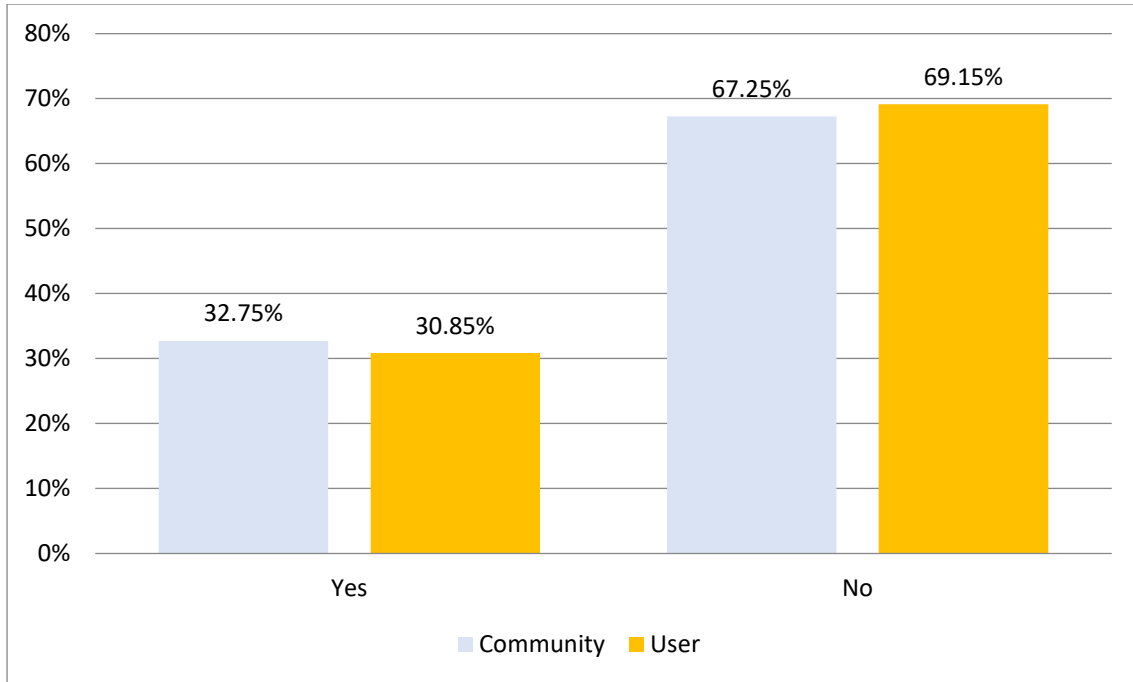
Please note that for the purpose of comparison, the Community and User survey results for Question 8 have been combined

Overview of Responses – 'Camping' was the most prevalent type of accommodation usage noted Community respondents at 56.09% and User respondents at 65.51%. This was followed by similar results for the surveys for 'Holiday rental' and 'Hotel/resort'. Community respondents contained a larger proportion of staying at a private accommodation (10.72%).

Q9

Description – A question relating to a potential increase in frequency of visits to K’gari (Fraser Island) over the previous 12-month period (COVID-19 impact).

Community and User Survey – Q9. *Have you visited K’gari (Fraser Island) more often in the last 12 months?*



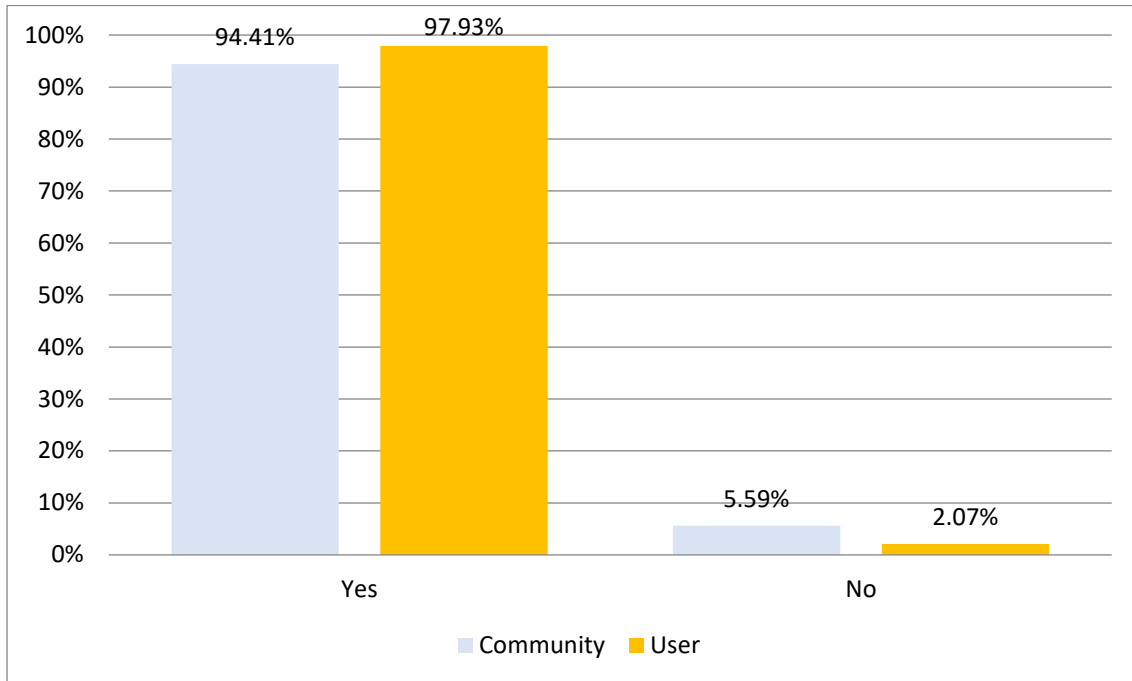
Please note that for the purpose of comparison, the Community and User survey results for Question 9 have been combined

Overview of Responses – Approximately two thirds of both Community and User respondents indicated that they have not visited the island more often in the last 12 months. The remaining one third respondents noted that they had visited more frequently.

Q10

Description – Awareness of beach driving speed limits

Community and User Survey – Q10. Do you know the speed limits on the beach at K'gari (Fraser Island)?



Please note that for the purpose of comparison, the Community and User survey results for Question 10 have been combined

Overview of Responses – Over 94% of respondents in the Community and User surveys indicated that they were aware of beach driving speed limits.

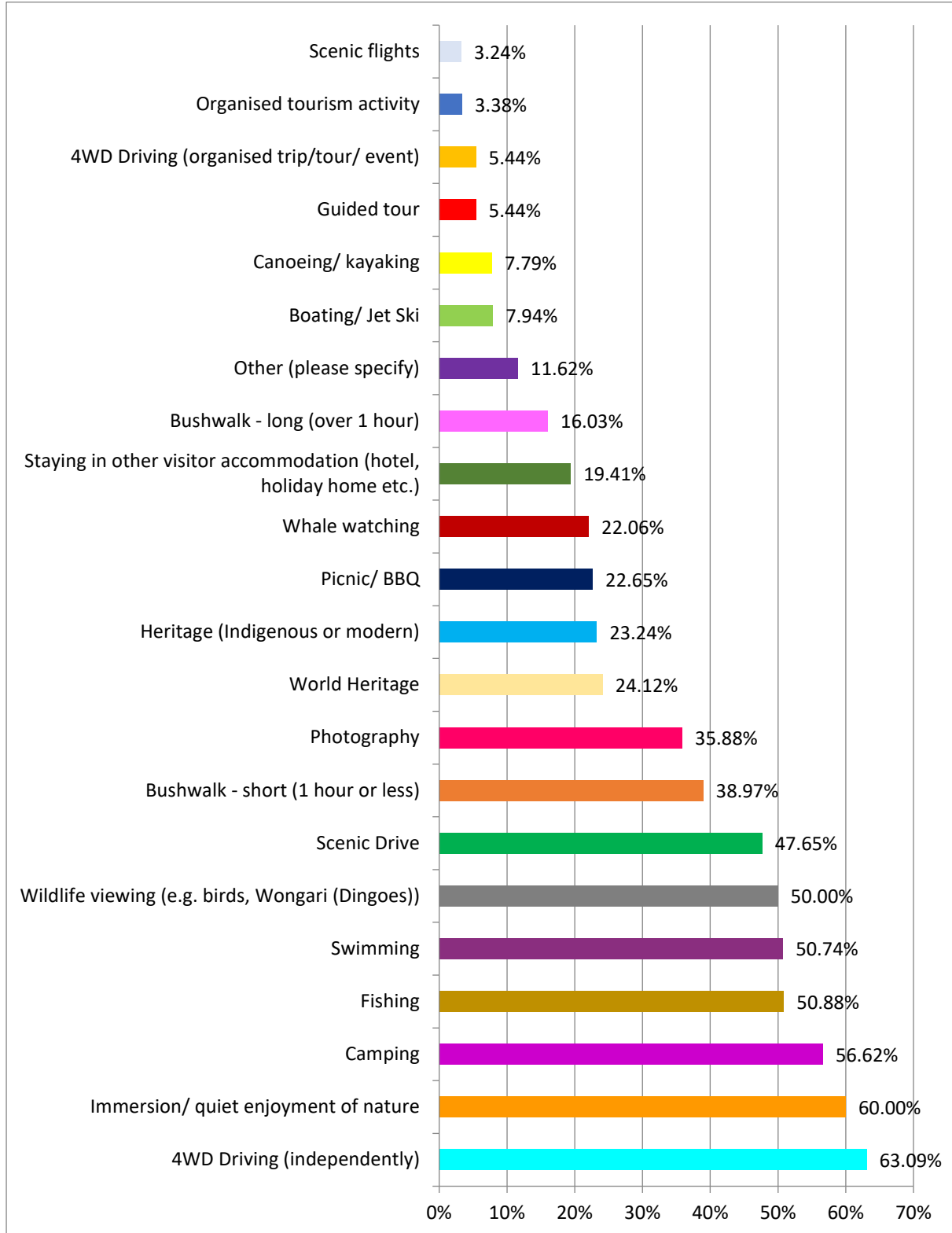
Anecdotal feedback from open responses included:

- The speed is too high.
- People drive too fast especially 4WD.
- Lots of hoons disrespectful of the laws.
- Drink driving and reckless driving often.
- Signs are difficult to see/ find at times.
- Some suggested 80km/h on beaches when safe and slower in technical areas or populated areas.

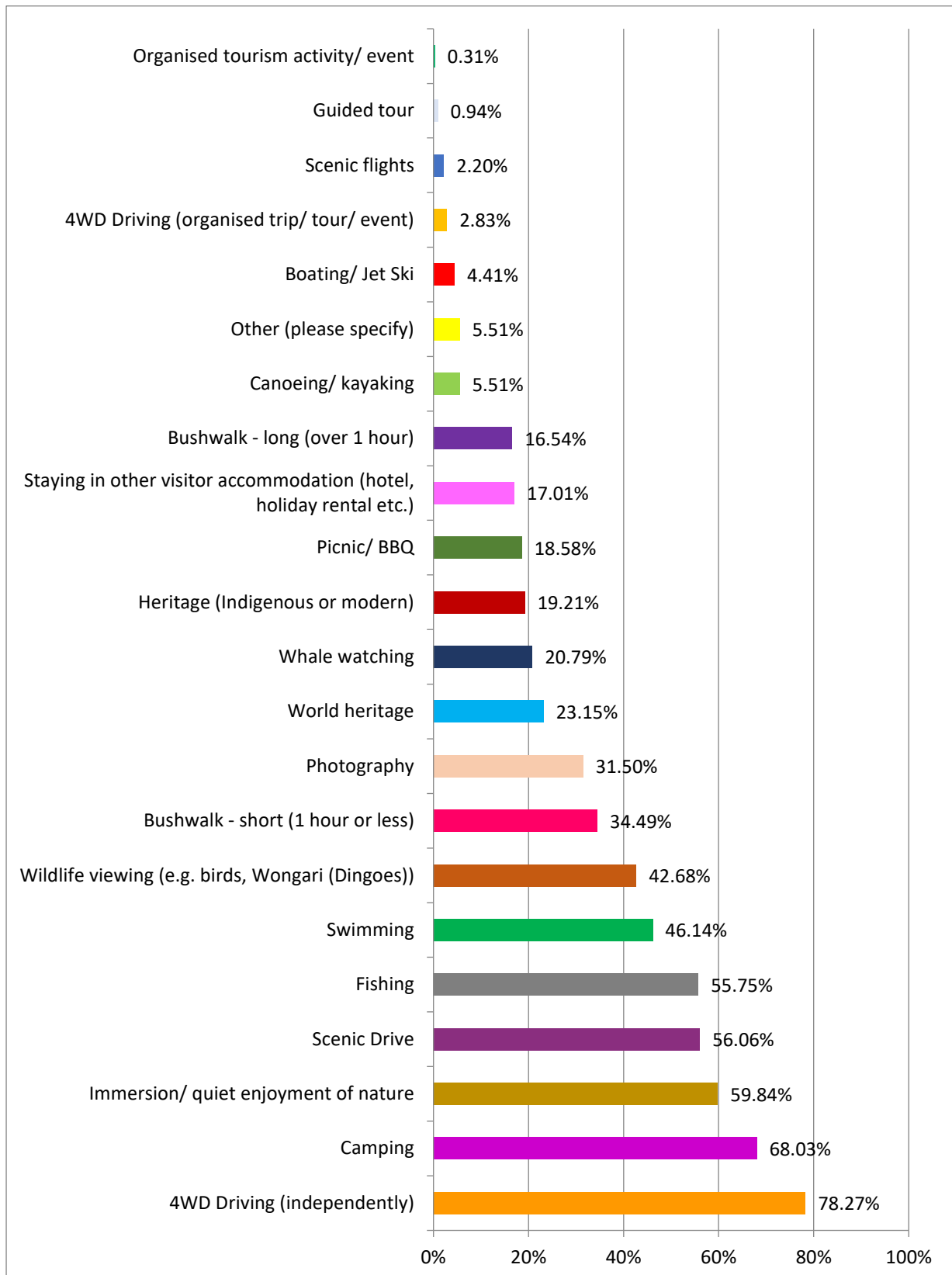
Q11

Description – Principal reason for visiting K’gari (Fraser Island)

Community Survey – Q11. What are your main reasons for visiting K’gari (Fraser Island)? Please select all options that apply.



User Survey – Q11. What are your main reasons for visiting K'gari (Fraser Island)? Please select all options that apply.



Overview of Responses – For the community survey, 4WD Driving (independently) (63.9%), Immersion/ quiet enjoyment of nature (60%), Camping (56.62%), Fishing (50.88%), Swimming (50.74%), and Wildlife viewing (e.g., birds, Wongari (Dingoes)) (50%) are the top five popular activities. For the user survey, 4WD Driving (independently) (78.27%), Camping (68.03%), Immersion/ quiet enjoyment of nature (59.84%), Scenic Drive (56.06%), and Fishing (55.75%) are the top five popular activities. The most notable difference is that scenic drive is a more important activity driver for users/ permit holders.

For the Community survey 11.62% selected “Other” and in the User survey the percentage that selected “Other” was 5.51%. – examples included:

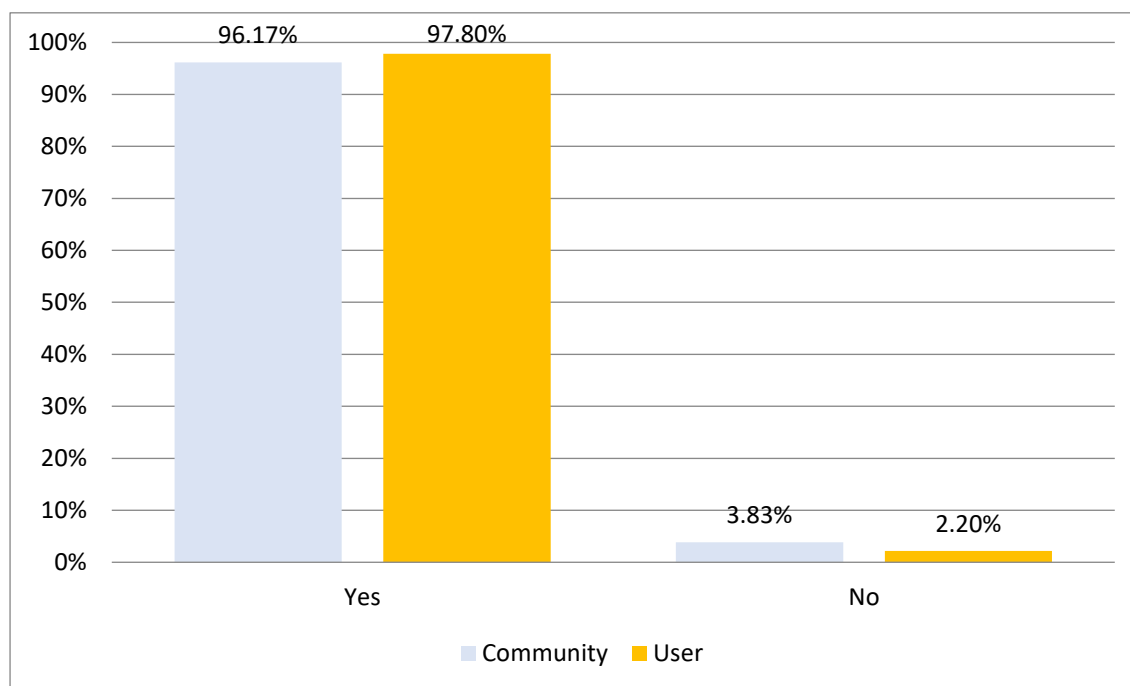
- Relaxation with families
- Cultural activities/knowledge sharing
- Research
- 4WD clean-up
- Sailing
- Bike riding
- Hiking

SECTION 3 – YOUR THOUGHTS ON CURRENT TOURISM ACTIVITY IN K’GARI (FRASER ISLAND)

Q12

Description – A question asking respondents if they would recommend K’gari (Fraser Island) as a place to visit.

Community and User Survey – Q12. *Would you recommend K’gari (Fraser Island) as a place to visit?*



Please note that for the purpose of comparison, the Community and User survey results for Question 12 have been combined

Overview of Responses – Both the Community and User surveys showed strong support for K’gari (Fraser Island) as a place to visit, Community respondents was 96.17% and User respondents 97.80%.

Participants were given the option to comment after answering this question. In the Community Survey 100 people chose to comment and, in the User Survey 94 chose to comment. The comments were from both people who answered “Yes” and “No” Anecdotal feedback from open responses included:

- Half of the island is over regulated and too many areas are now closed off.
- The island is too busy at one time, too many people with 4WD speeding and disrespecting the island, and roads have deteriorated.
- The island has become too expensive to get to and stay there
- One suggested that visitor numbers need to be strictly limited and visitor's activities heavily policed.
- Visitor's interaction with dingoes needs to be heavily fined and then banned from visiting Fraser Island.
- There is also a need for more active visitor management by cultural rangers.

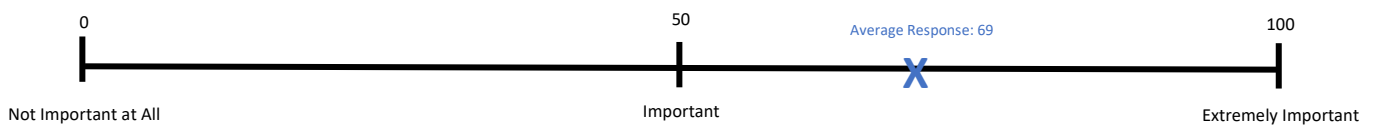
Q13-17²

Description – The following set of questions asked respondents' views on the importance of a series of K'gari (Fraser Island) attributes/values. Respondents were asked to note their responses on a sliding scale – from 'Not important at all' to 'Extremely important.'

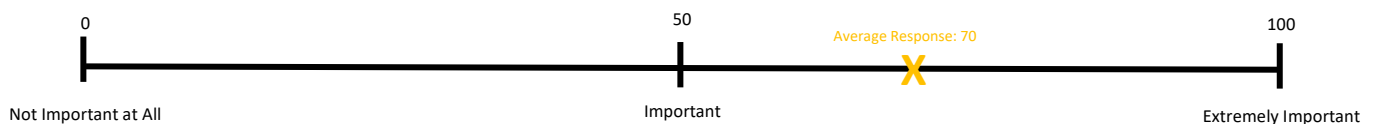
Economic Benefits

How important are the economic benefits to local communities generated by tourism visits to K'gari (Fraser Island)? Please use the sliding scale to select the level of importance.

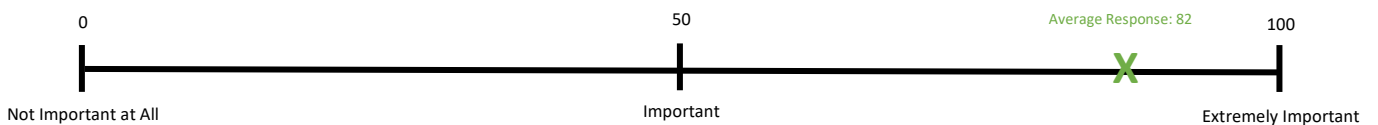
Community Survey (Q13)



User Survey (Q13)



Business Survey (Q3)



Overview of responses – there were moderate levels of support (69-70 on a 100-point scale) for the economic benefits of tourism. The Business respondents had the strongest score of 82.

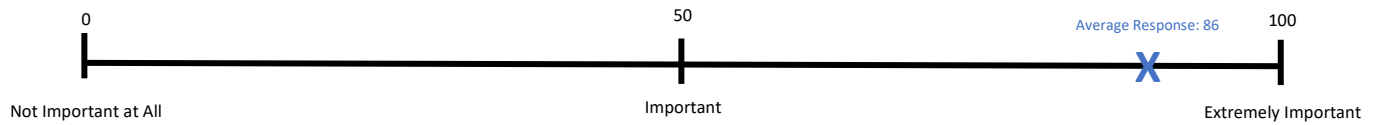
Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), the average number was 93 with all respondents (100%) rating the economic benefits as Very important to Extremely important (70-100).

² Please note that for the Business and Tourism Survey this set of Questions are Question 3 – 8.

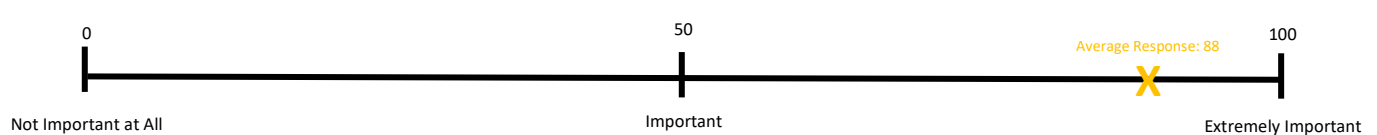
Conservation and enhancement of environments and habitats

How important is the conservation and enhancement of environments and habitats (such as coastal dunes, the beach etc.) in K'gari (Fraser Island)? Please use the sliding scale to select the level of importance.

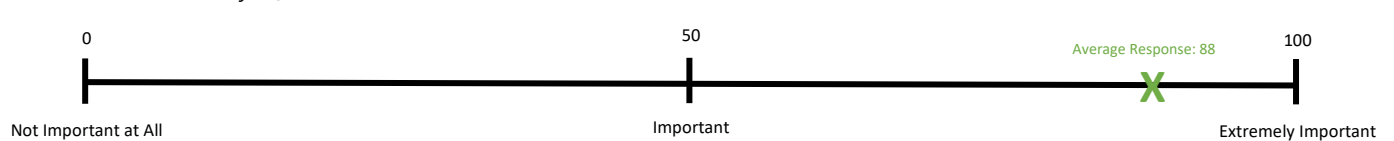
Community Survey (Q14)



User Survey (Q14)



Business Survey (Q4)



Overview of responses - All three surveys recorded strong support for enhancement of environment and habitats, with Businesses and Users recording the strongest support at 88 on the range 0 (Not important at all) to 100 (Extremely important).

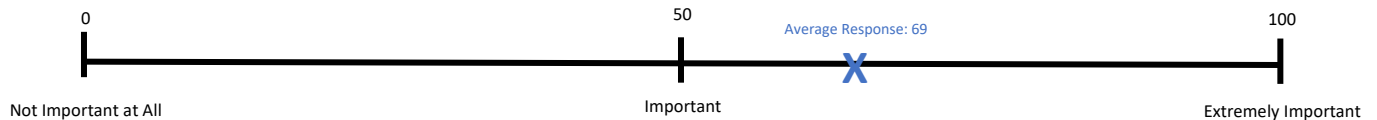
Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), the average number was 94 with 9 out of 10 respondents rating the conservation and enhancement of environments and habitats as Very important to Extremely important (70-100).

Enhancement of environment and habitats received the strongest support of all the attributes tested.

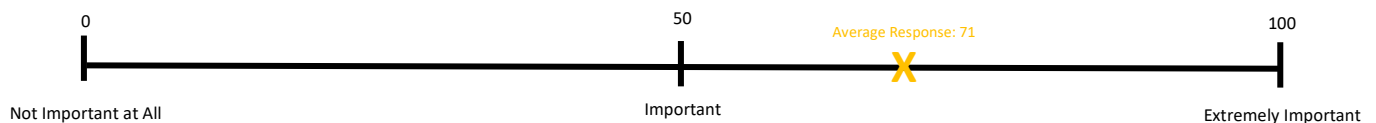
Conservation and enhancement of First Nations people's cultural values

How important is the conservation and enhancement of First Nations people's cultural values (e.g., Aboriginal heritage sites or sacred places) of K'gari (Fraser Island)? Please use the sliding scale to select the level of importance.

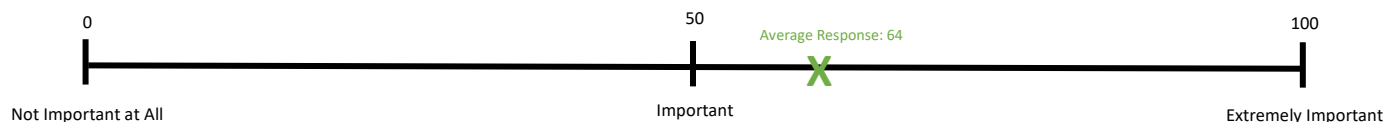
Community Survey (Q15)



User Survey (Q15)



Business Survey (Q5)



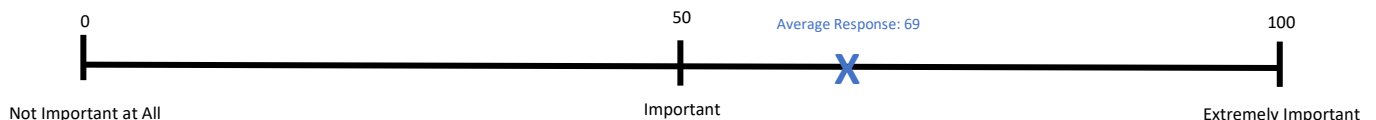
Overview of responses – The relative importance of conservation and enhancement of First Nations people's cultural values as an attribute varied across the three surveys, from 64 for the Business respondents, 69 for Community respondents and 71 for User respondents.

Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), the average number was 78 with 8 out of 10 respondents rating the conservation and enhancement of First Nations people's cultural values as Very important to Extremely important (70-100).

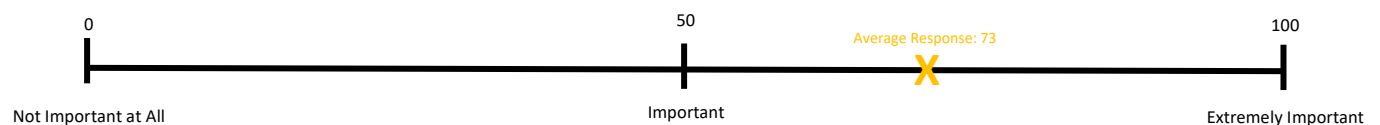
Conservation and enhancement of modern heritage

How important is the conservation and enhancement of modern heritage (e.g., shipwrecks or historical sites) of K'gari (Fraser Island)? Please use the sliding scale to select the level of importance.

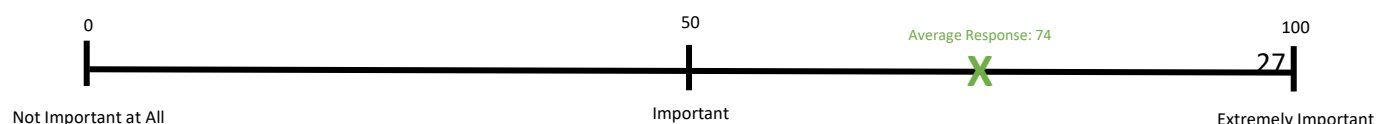
Community Survey (Q16)



User Survey (Q16)



Business Survey (Q6)



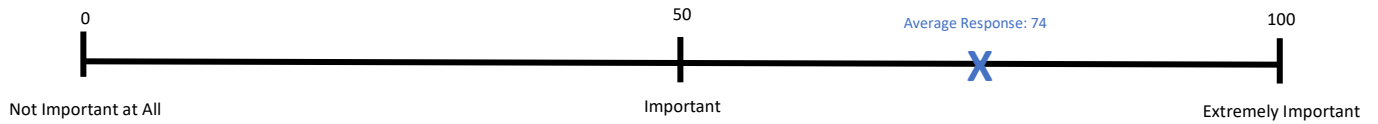
Overview of Responses – Responses across the three surveys were considered moderately to very important, with the lowest score from Community of 69, and highest score from Business of 74.

Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), the average number was 85 with 9 out of 10 respondents rating the conservation and enhancement of modern heritage as Very important to Extremely important (70-100).

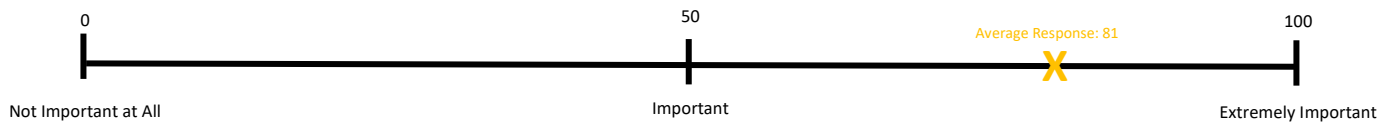
Community access to high quality recreational opportunities

How important is continued provision for community access to high quality recreational opportunities at K'gari (Fraser Island)? Please use the sliding scale to select the level of importance.

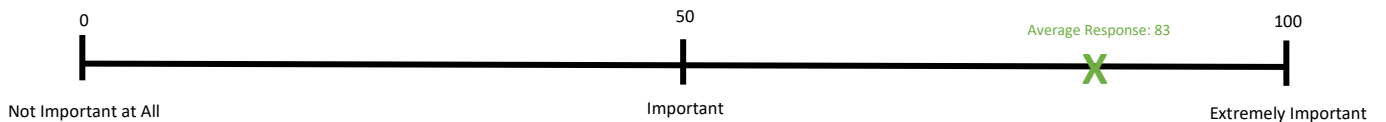
Community Survey (Q17)



User Survey (Q17)



Business Survey (Q7)



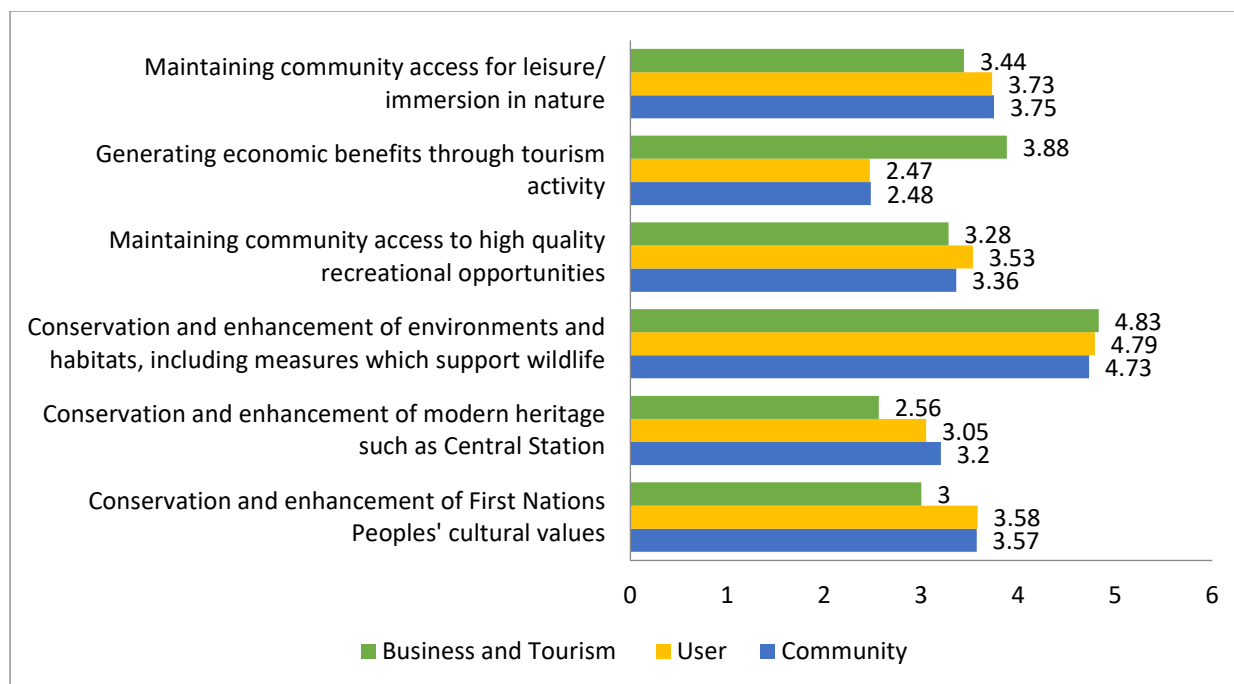
Overview of responses - Responses across the three surveys considered community access to high quality recreational opportunities as moderate to very important. Community had the lowest score of 74, while Business had the highest score of 83 and User was 82.

Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), the average number was 86 with 8 out of 10 respondents rating continued provision for community access to high quality recreational opportunities as Very important to Extremely important (70-100).

Ranking of Attributes and Values

Cultural, recreational, conservation and tourism/economic benefits are all parts of what makes K'gari (Fraser Island) a special place for communities and visitors. Please rank the following (1 being the most important to you, and 6 the least important).

Community Survey and User Survey Q18, Business and Tourism Survey Q8



Please note that for the purpose of comparison, the Business, Community and User survey results for this Question have been combined. The higher the score, the more respondents ranked the option as being important.

Overview of responses - Conservation and enhancement of environments and habitats, is perceived as the most important aspect of what makes Fraser Island a special place in all three surveys (i.e., average score of 4.73 out of 6 in Community survey, 4.79 in the User survey and 4.83 in the Business survey). Generating economic benefits through tourism activity is considered the least important across the Community and User surveys (2.47-2.48 out of 6) but is ranked as the second most important (3.88 out of 6) among the Business respondents.

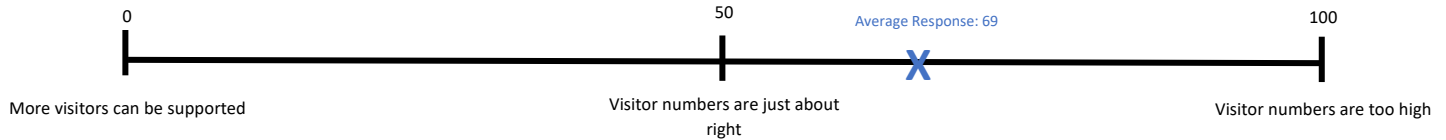
³ Please note that the question is listed as Q8 in the business survey and Q18 in the community and user surveys

Q19⁴

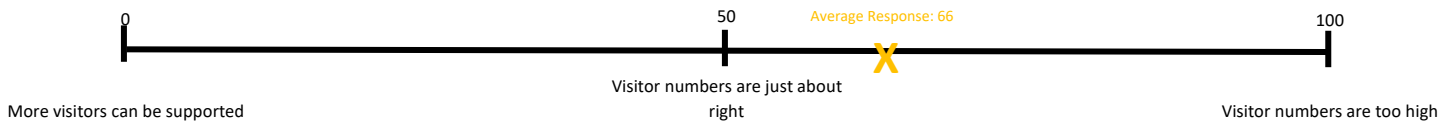
Description – The question seeks respondents' views on how busy K'gari (Fraser Island) is at peak times.

Q19. Regarding the level of visitation to K'gari (Fraser Island) at peak times (busy weekends, public holiday, school holidays etc.). Please use the sliding scale to identify what you think the current situation is regarding peak visitor numbers.

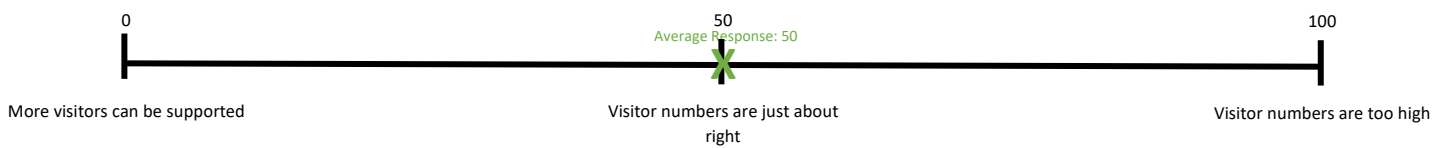
Community Survey (Q19)



User Survey (Q19)



Business Survey (Q9)



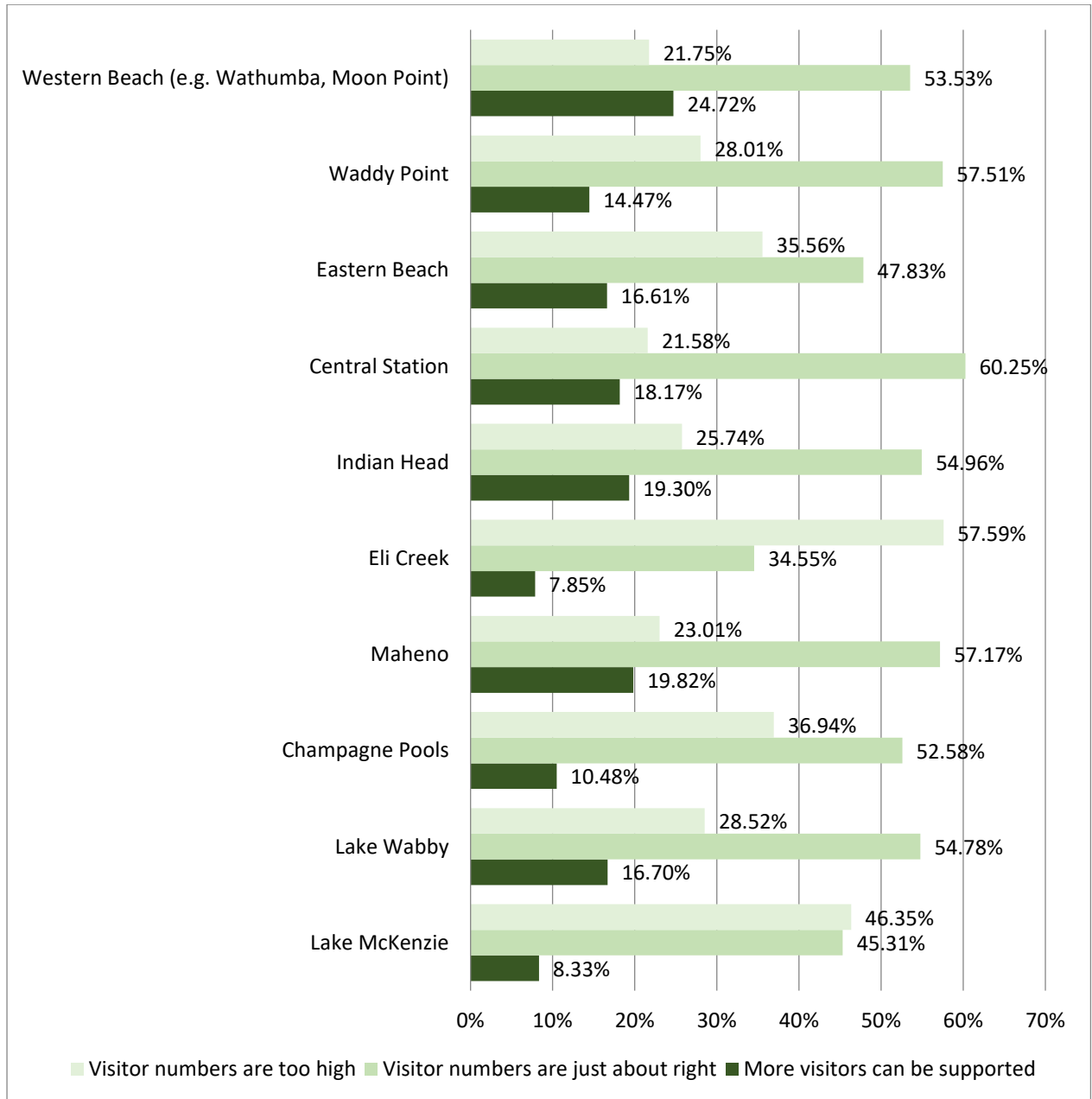
Overview of Responses – Community and User respondents recorded scores ranging from 66 to 69, suggesting consensus across these two groups that peak period visitation to K'gari (Fraser Island) is slightly higher than average. However, the Businesses respondents think that visitation in peak periods is just about right (50).

⁴ Please note that in the Business and Tourism Survey this is Question 9.

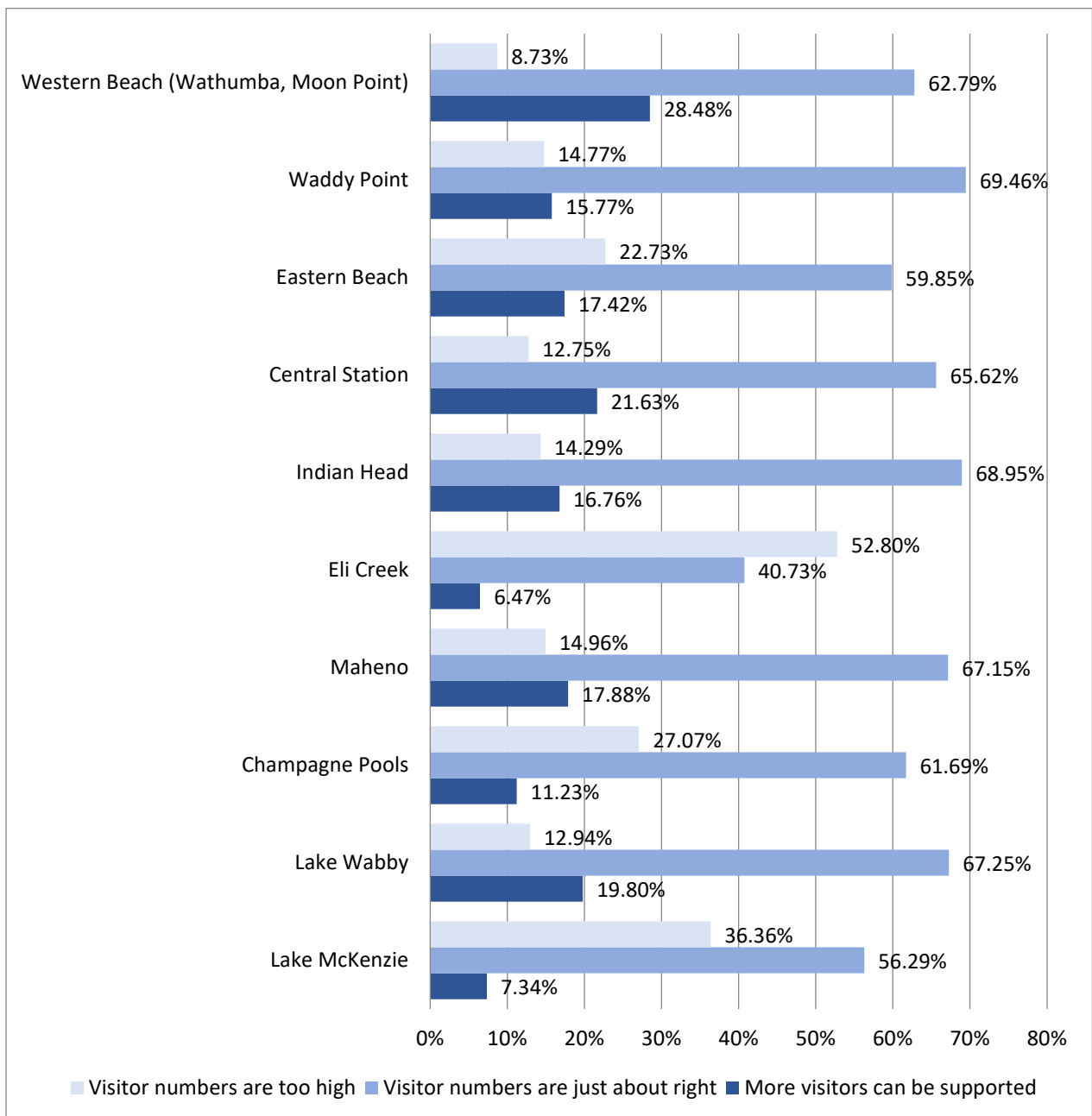
Q20

Description – The question seeks respondents’ views on how busy individual sites at K’gari (Fraser Island) are at peak times.

Community Survey Q20 – For locations that you are familiar with, please select the statement about peak visitor activity that you most agree with.



User Survey Q20 – For locations that you are familiar with, please select the statement about peak visitor activity that you most agree with.



Overview of Responses – In general terms, a larger proportion of permit holders felt visitor numbers were ‘just about right’, compared with community respondents:

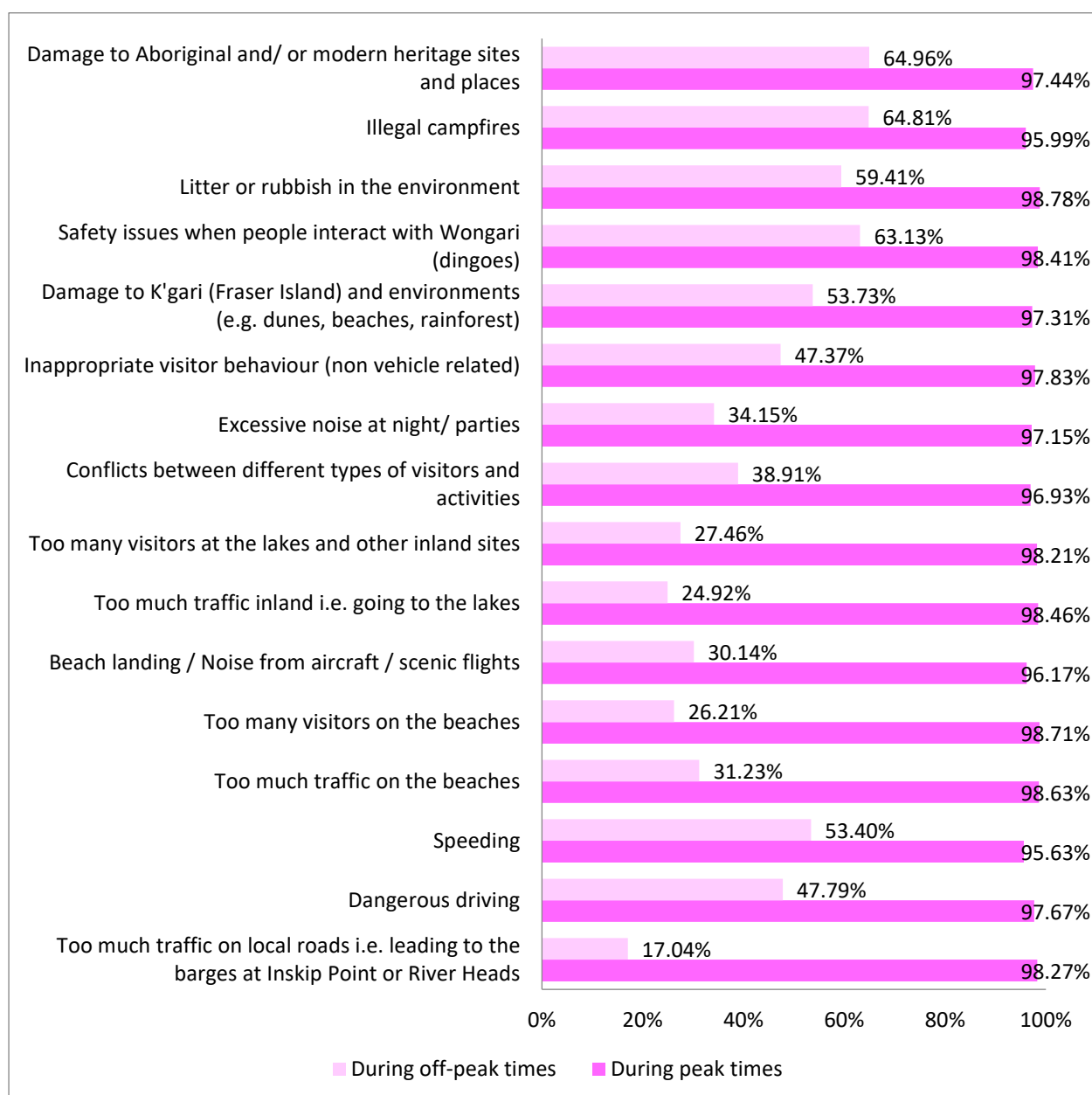
- **Community respondents** identified that 7 out of 10 locations have a significant proportion (50%-60% of respondents) indicating ‘Visitor numbers are just about right’. Eli Creek and Lake McKenzie had a significant proportion of respondents selecting in their statement ‘Visitor numbers are too high’ (57.59% and 46.35% of respondents choosing this option). Eastern Beach and Champagne Pools were the other sites noted with larger proportions of ‘visitor numbers are too high’ responses.
- **User respondents** identified that 9 out of 10 locations have a significant proportion (50%-60% of respondents) indicating ‘Visitor numbers are just about right’. Eli Beach

was the only location that had a higher percentage of 'Visitor numbers are too high' with 52.80%.

Q21⁵

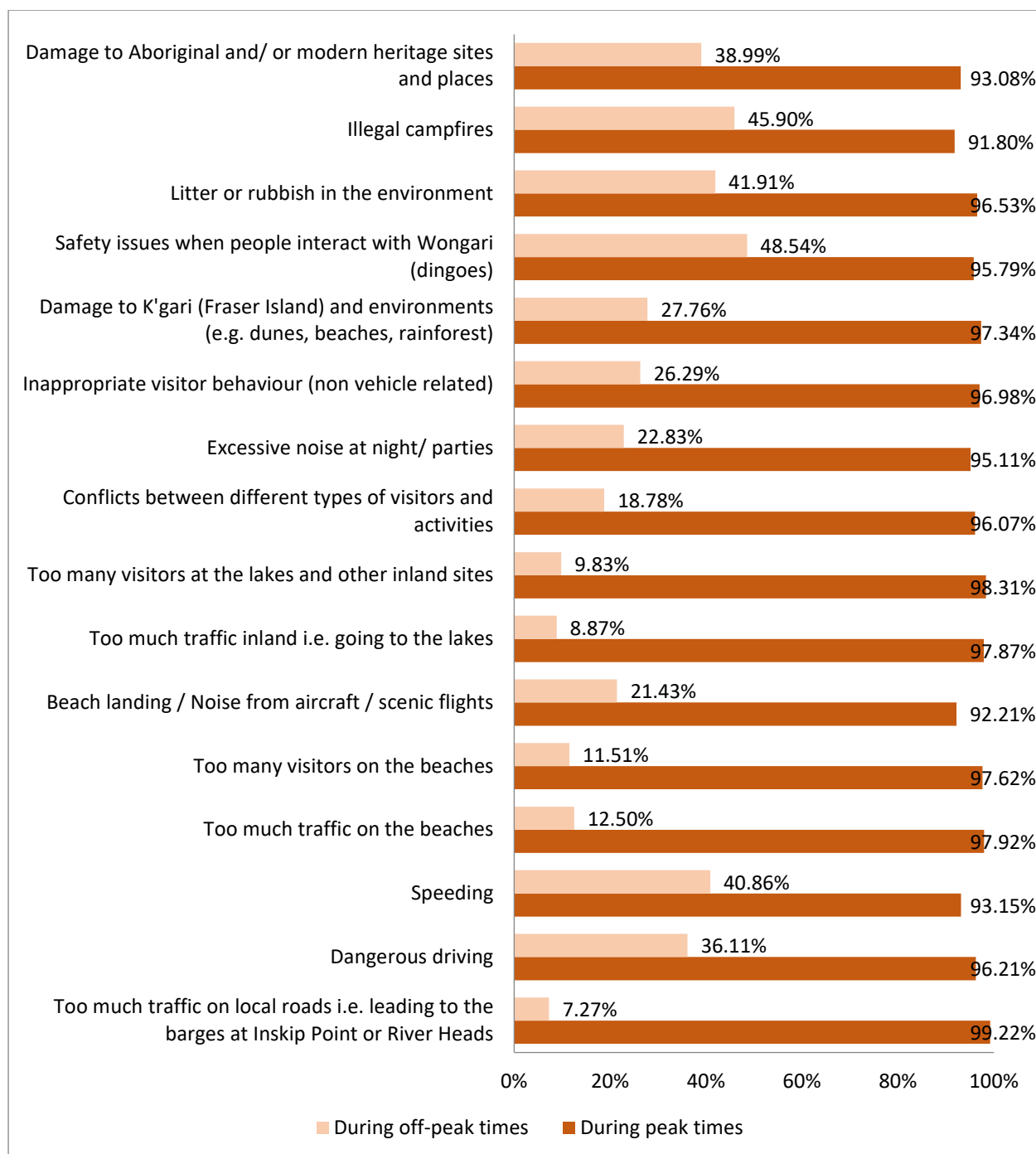
Description – The question seeks respondents' views on visitor management issues that are occurring at K'gari (Fraser Island) during peak and off-peak times.

Community Survey Q21 - *Do you think that any of the following issues occur at K'gari (Fraser Island)? Please select all options that apply.*

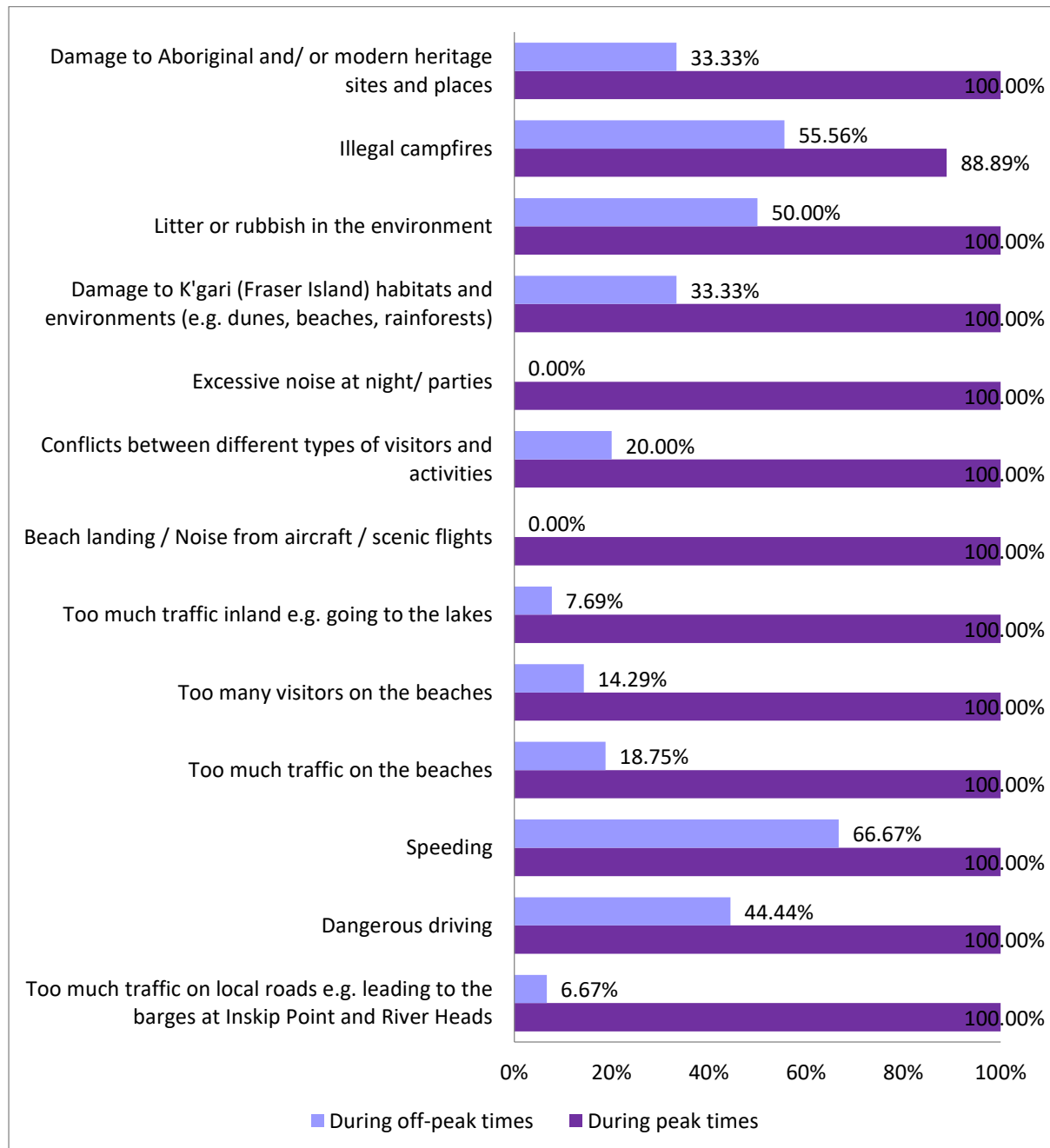


⁵ Please note that for the Business and Tourism survey this is Question 10.

User Survey Q21 - Do you think that any of the following issues occur at K'gari (Fraser Island)? Please select all options that apply.



Business Survey Q10. Do you think that any of the following issues occur at K'gari (Fraser Island)? Please select all options that apply.



Overview of Responses – Similar patterns of responses were recorded across the three stakeholder groups. An overwhelming majority of all stakeholder groups identified that all issues are prominent during peak times, with at least 91% for all issues.

For community respondents, 'Damage to Aboriginal and/ or modern heritage sites and places' (64.96%), 'Illegal campfires' (64.81%), 'Safety issues when people interact with Wongari (dingoes)' (63.13%), and 'Litter or rubbish in the environment' (59.41%) had the highest number of responses for off peak times.

User respondents identified 'Safety issues when people interact with Wongari (dingoes)' (48.54%), 'Illegal campfires' (45.9%), 'Litter or rubbish in the environment' (41.91%), and 'Speeding' (40.86%) had the highest number of responses for off peak times.

From a business perspective, 'Speeding' (66.67%), 'Illegal campfires' (55.56%), 'Litter or rubbish in the environment' (50%), and 'Dangerous driving' (44.44%) had the highest number of responses for off peak times.

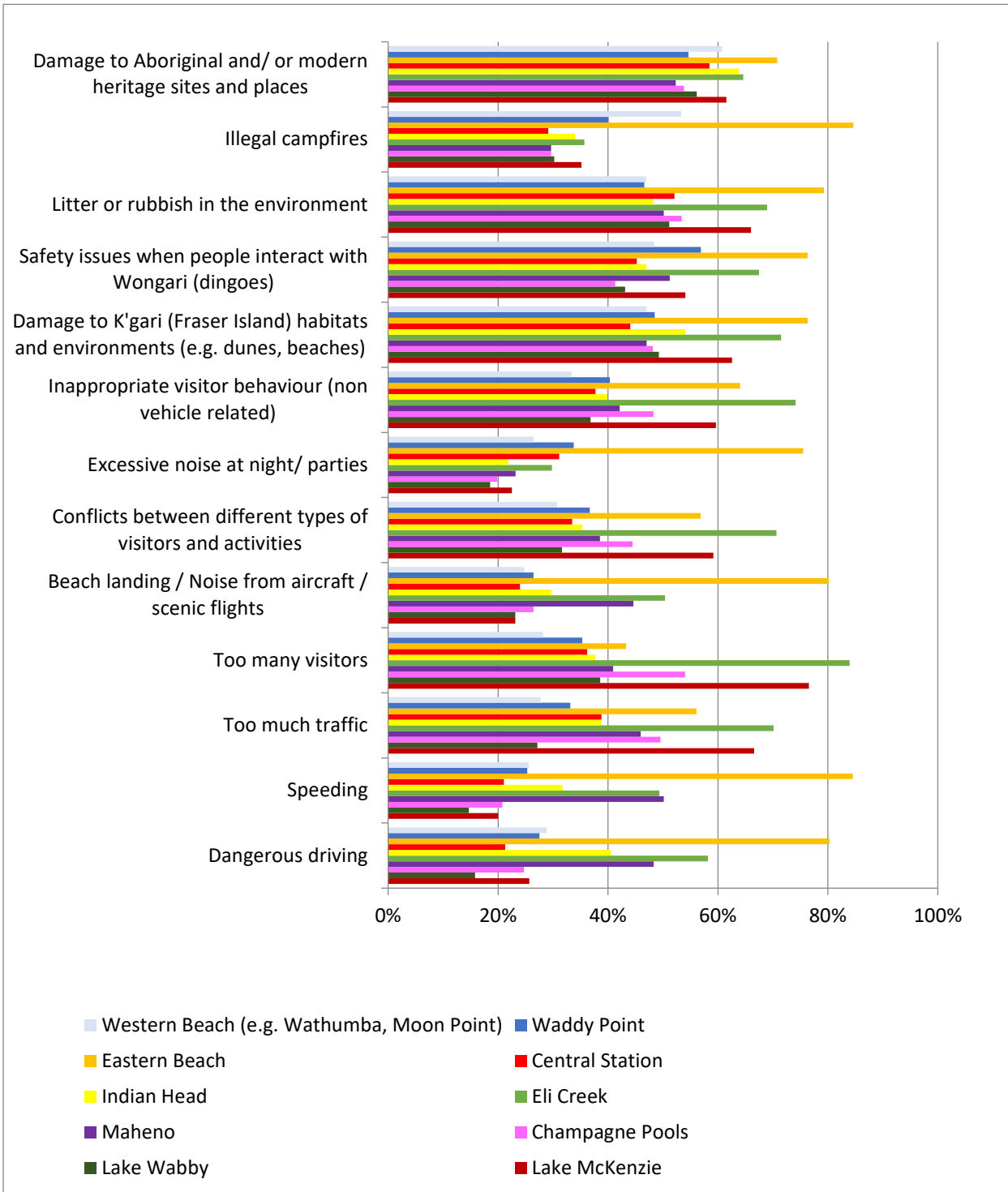
The most frequent perspectives open responses included:

- The issue of too many visitors and they are out of control while there are not enough rangers too keep them from behaving disrespectful.
- Concerns regarding micro plastics and other plastic rubbish.
- More efficient management if access to camping areas was not closed off and visitor numbers could be diverse through the island.
- Support for campfires being allowed.
- Some safety issues regarding wongari due to visitor behaviour.
- There is little information currently available about sites that are of cultural significance (e.g., Lake Wabby) and so visitation continues to cause offence to the Butchulla traditional owners and ongoing damage at these culturally significant sites.
- Overfishing concerns regarding cast nets.
- Consensus from respondents that visitor numbers need to be reduced in general terms, fines need to be increased and people need to be made accountable for their actions.

Q22⁶

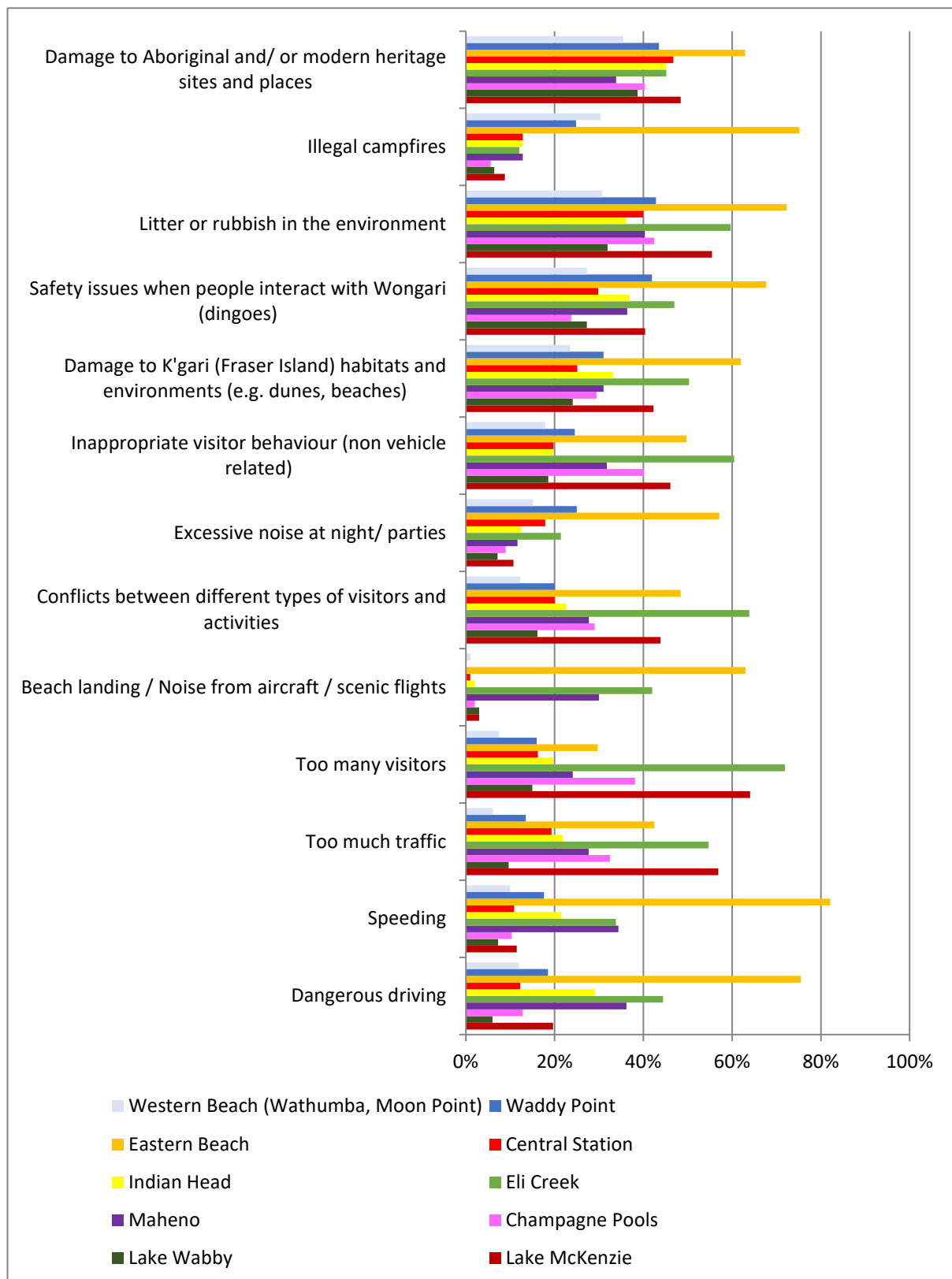
Description – The question seeks respondents’ views on visitor management issues that are occurring at individual K’gari (Fraser Island) sites.

Community Survey – Q22 For the K’gari (Fraser Island) sites and locations that you are familiar with, do you think any of the following issues occur.

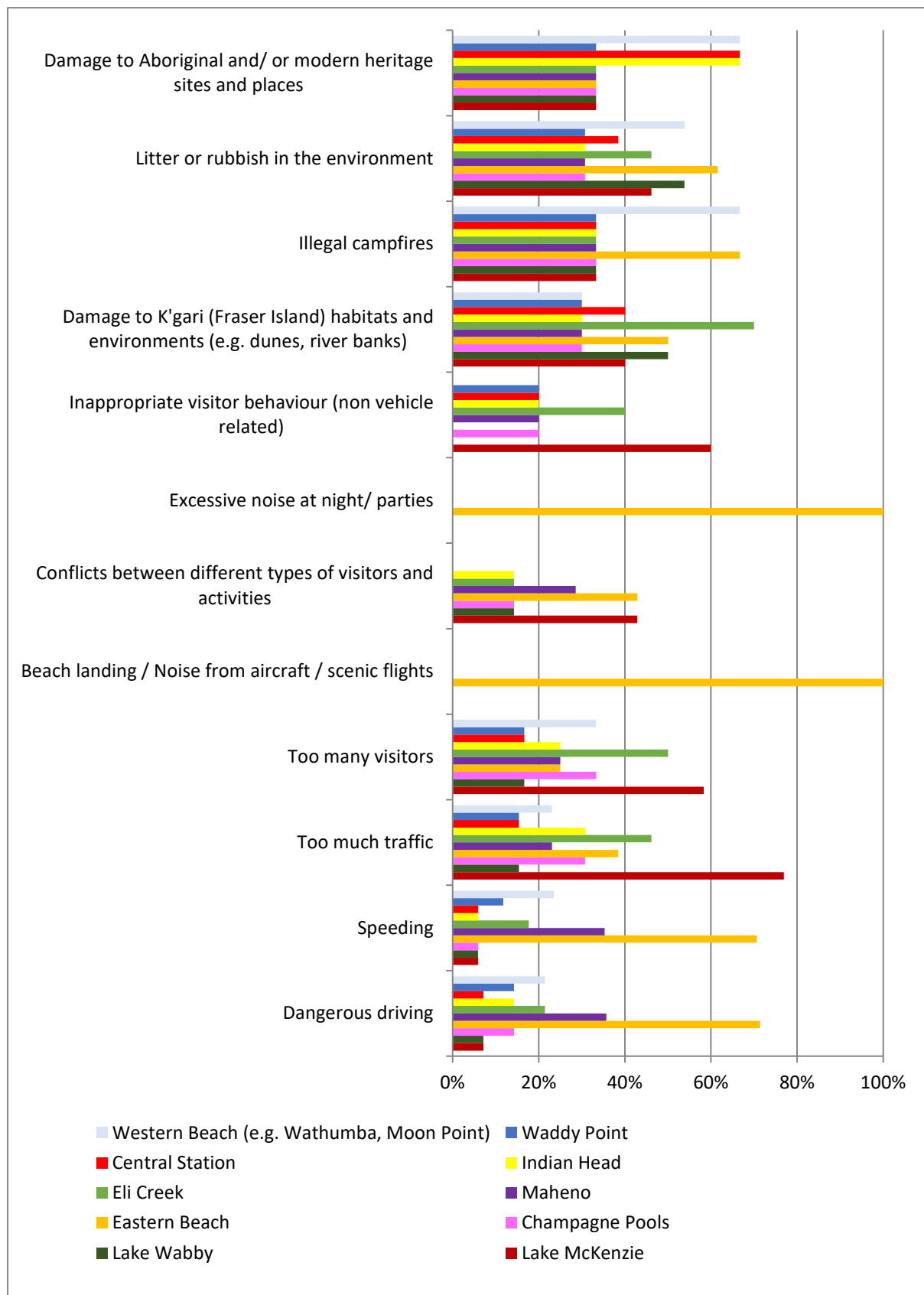


⁶ Please note that in the Business and Tourism survey this is Question 11

User Survey – Q22 For the K'gari (Fraser Island) sites and locations that you are familiar with, do you think any of the following issues occur.



Business Survey – Q11 For the K'gari (Fraser Island) sites and locations that you are familiar with, do you think any of the following issues occur.



Overview of Responses - The results from this question indicate that Eastern Beach and Eli Creek are the sites where most management issues arise. Similar patterns of responses were recorded across the stakeholder groups.

Illegal campfires, speeding, dangerous driving, beach landing / noise from aircraft / scenic flights, and litter or rubbish in the environment are the most significant issues for Eastern Beach.

For Eli Creek, the most significant issues include too many visitors, inappropriate visitor behaviour (non-vehicle related), damage to K'gari (Fraser Island) habitats and environments (e.g., dunes, beaches), conflicts between different types of visitors and activities, and too much traffic.

Lake McKenzie and Maheno are also areas where significant concerns were noted. For Lake McKenzie, significant issues include too many visitors, too much traffic, litter or rubbish in the environment, and damage to Aboriginal and/ or modern heritage sites and places.

For Maheno, significant issues are damage to Aboriginal and/ or modern heritage sites and places, safety issues when people interact with wongari (dingoes), dangerous driving, litter or rubbish in the environment, and speeding.

Q23

Description – The question seeks respondents’ views on the three areas that they recommend improvements at K’gari (Fraser Island).

Community and User Survey – Q23 *What are the three main issues that concern you or could be further improved at K’gari (Fraser Island)?*

The answers for this question have been categorised under several thematic areas. Similar patterns of responses were noted across these two stakeholder groups.

Theme	Comments
Camping	<ul style="list-style-type: none"> • Less camping • Keeping the camping numbers managed is important • Illegal campfires • More access to fresh water taps for campers • Composting toilets in all camping zones • Better checking camping permits • Low price of camping permits compared to other states • More camping spots for camper vans/ caravans in fenced of areas i.e., Waddy Point • Irresponsible camping • More dingo fences for campers • Increased campsite numbers • Make campfires LEGAL again • Introduction of beach camping zones was better before. • More locations with fire rings for colder nights • Define and number camp sites within each zone • More info about beach camping spots online • Cheaper barge and camping for rate payers in Gympie/ Fraser coast councils
Rubbish	<ul style="list-style-type: none"> • Waste management • Rubbish left behind. More bins at convenient locations needed. • Litter especially from camp sites • Rubbish on beaches, hard to control • Illegal rubbish dumping • More rubbish dump points
Fire/Park Management	<ul style="list-style-type: none"> • Bushfire prevention • Fire management • Emergency communication • National Parks poor fire management • Zero tolerance approach to fires • Very poor Parks & Wildlife management e.g., Recent Fires / Burn offs • Nkgala Rocks needs some level of management to minimise delays
Cost	<ul style="list-style-type: none"> • The price for locals to get there • Cheaper access to Fraser Island • The island only being available for those that are prepared to pay big money to stay • Affordability as a holiday destination • Visitor access remains affordable • Too much government regulation and fees for only the rich now
Driving	<ul style="list-style-type: none"> • Overseas young backpackers with no experience driving on island • People driving 4WD on the beach with no training or experience • 4WD driving on western beaches should not be allowed • P platers not allowed • Speeding • Speed limit reduction Eastern beach • Driver training proof before going on island

Theme	Comments
	<ul style="list-style-type: none"> • Driver education on how to drive properly on a beach with correct indications • Driving on beach at high tide with large groups, staying to left sees some cars getting pushed very close to water edge as people avoid soft sand higher up beach • Better information about driving 4WD conditions • More information provided to beginner 4WDers before leaving barge
Overcrowding	<ul style="list-style-type: none"> • Number of vehicles and people at peak times • Visitor congestion at peak times both commercial and free and independent visitors' concentration • Constant heavy boat trailer traffic and trailer bogging between Indian Head and Orchid Beach leading to long delays for other traffic • Amount of people and cars allowed on during peak times
Over commercialisation	<ul style="list-style-type: none"> • Far too many tours buses • Too much organized tourism like buses • Need fewer rental residences (govt could buy back) • Too many visitors & commercial operators
Disrespectful behaviour	<ul style="list-style-type: none"> • Poor behaviour ruining it for those that enjoy the island respectfully • Lack of respect/knowledge of dingoes and wildlife/habitats in general • Alcohol related behaviours • Backpackers not respecting K'gari other visitors
Regulation	<ul style="list-style-type: none"> • Need more policing of drivers • Police patrolling beaches • Need more rangers checking on campsites to keep the whole island cleaner. • I am concerned that too much regulation could see the likes of myself, not being able to enjoy/visit the island • Bans for repeat offenders • Keep Present Rules and Standards • More speed monitoring during peak times by police • More ranger presence • Stricter speed limits around busy areas • Better traffic management at the barges during peak times. • Ban bush toilets for free camps • P Platers should be banned from K'gari • Better regulation of the operation of tour buses • Further restrictions to 4WD access • Bigger fines for poor interaction with dingoes • Controlling dingo behaviour and interaction with occasional tourists • Well-enforced alcohol-free zones
Permits	<ul style="list-style-type: none"> • Limit the number of people per day in private cars • Reduction in vehicle traffic throughout the island and in beaches • Lower visitor numbers • Reduce the number of day trippers • Limit visitor access to sensitive Butchulla sites/places • One annual fee to access ALL Queensland national parks • Use barge trips to limit numbers • Control Access at manageable levels to benefit environment and traditional owners • The 4WD accessibility should be reduced • Limit numbers of visitors during peak • Limiting of personal cars through current permit system. • Restrict private tours • Greater checking of permits by rangers • Reduce the cost of Beach Permits and Barge fees.

Theme	Comments
Facilities & Infrastructure	<ul style="list-style-type: none"> • Lack of amenity • Improved visitor information - prior to visiting • Some of the inland tracks could be improved (too many ruts) • Public facilities like toilets and walkways etc need to be maintained better • Public BBQ in resort area • More signage, tracks roads distances points of interest • Restricted access to facilities • Tracks with low visibility need to be improved because people drive too fast • Improvement must be made to all visitor information whilst they are on the barge • Regulatory overstepping by closing safe areas like platypus bay and Indian head • Inland 4WD tracks to be better maintained • Increase in walking tracks and hikers camps (not cabins) to encourage slow tourism • Set up stations to feed the dingoes away from people • Geographical knowledge - signs/maps updated. Particularly around Lake Mackenzie indicating the route from the north so you do not go down a one-way road • Ferry service is too expensive and insufficient • Phone coverage essential for emergencies. Hard to drive to get coverage at high tide. • The Great Walk could be improved with better signage and facilities • Making it compulsory for the use of chemical toilets for beach camping sites, which would entail provision of more dump points. • Signage for inland tracks • More access to water fill points • Access to medical services • Parking at some of the sites is restricted and then people park anywhere damaging flora etc. • Better signage at tourist spots about open and closed areas • Track condition information • Encourage use of chemical toilets • A bridge across to Kingfisher as the barge is an absolute rip-off • Support for bogged vehicles • Roads are too narrow • Lake Mackenzie extra parking or different parking swimming spot • Poor directional signage • Communication of danger to hikers (no mobile reception most of the time) • Need more mobile phone coverage • More toilet and waste management facilities distributed around the island. • Have a sand spreader/grader operate during holiday periods to reduce track damage by flattening ruts
Access Points	<ul style="list-style-type: none"> • Maintenance of roads & beach access • Maintaining access to all areas. Having as many different places to visit as possible allows visitors to be spread out not congested at only a few places. • Keep access to Fraser open to all the public to all areas • Bypass track maintenance • Open up more inland tracks • Very poor management of walking tracks and trails • Opening fire trails for easier access to the west side • Numerous walking trails had trees that had fallen and obstructed the pathways. (and these had been that way for a while) • Clearly defining aircraft runways on beach • One airplane landing spot - we noticed another couple along the eastern beach
Environment & Wildlife	<ul style="list-style-type: none"> • People interacting with dingo • Visitors feeding the dingoes

Theme	Comments
	<ul style="list-style-type: none"> • Much better management of Dingos- they deserve this sanctuary more than people as where else do they have they need health monitoring larger penalties for interaction or harassment • Environmental degradation • Damage to beaches, dunes, in fauna from excessive traffic • Damage to turtle nesting sites from vehicles above HWM and interruption to nesting turtles' ingress/egress and hatchlings egress to clean due to vehicle tracks • I think hiking/camping & multi day hikes should be encouraged and supported. These people doing these activities are almost always very caring of the environment etc. • Dingoes are now more aggressive than ever, 30 years of going to Fraser never seen them as bad as we did late last year. • The recent bushfires highlighted the issue of widespread disaster versus biodiversity being protected.
Fishing	<ul style="list-style-type: none"> • Ban pro fishing on west side. • Reduction in fishing activities • Management of commercial fishing on migrating fish species • Encourage recreational fishing to catch and release • Reduce bag limits for bait/fishing • Overfishing • Small fish being kept
Education	<ul style="list-style-type: none"> • Funding for better education for the island to tourists about respecting the island • Better visitor education on dingoes. • Better education and control of young reckless backpackers who disrespect everything • Not enough education and knowledge of guests around indigenous heritage and sites • More cultural awareness and education opportunities for the public and tours to make sure the cultural significance and its story do not disappear and can continue • Greater interaction with visitors and tourists with rangers (including QPWS and Butchulla Land and Sea Rangers) to increase education and awareness. • Promotion of conservation measures and involvement of visitors • More interpretive signage regarding indigenous culture and landscape values • Cultural rangers to provide visibility for interns & compliance • Put more money into landowner education for visitors to understand more
Aboriginal Culture & Heritage	<ul style="list-style-type: none"> • Not enough information about First Nations people • Better documentation and protection of Butchulla sites • Destruction of indigenous heritage • Not enough Aboriginal Cultural Experiences at all very disappointing and sad for the Indigenous Traditional Owners. • Stopping the desecration of traditional owner sites. • Education of drivers and that all road rules apply • Lack of respect for first nations peoples • Political pressure by minority groups will destroy access for all people • Better protection of heritage sites • Traditional owners have too much control • Encourage revegetation and restoration of traditional sites and nature. • Damage of aboriginal heritage • Poor quality Aboriginal involvement e.g., Stradbroke Island Recent fire control • Have rangers check heritage sites regularly for trespassers • More interaction with aboriginal inhabitants • You ask about my interest in First Nation people yet in 15 yrs of going there I have never seen any First Nation people or explanation of their connection

Business Survey – What are the three main issues that concern you or could be further improved at K’gari (Fraser Island)?

Blue text highlights the responses from those holding a permit to operate a commercial tourism activity in the K’gari (Fraser Island).

Theme	Comments
Disrespectful Behaviour	<ul style="list-style-type: none"> Visitors who do not respect the culture
Rubbish	<ul style="list-style-type: none"> Rubbish Management Rubbish removal by users
Fire Safety	<ul style="list-style-type: none"> Fire Safety Fire hazard reduction - not in whale season Conduct fire management (controlled burns) outside peak season - whale season (July - Oct)- perhaps May as it is low season and cooler?
Campsites	<ul style="list-style-type: none"> Less camping eastern side More camp sites and better online access to track maps Campfires
Dangerous Driving	<ul style="list-style-type: none"> Large tour buses travelling too fast. Reckless drivers who do not respect the island Speeding
Environmental Damage	<ul style="list-style-type: none"> Environmental degradation, particularly driving/walking/camping on dune vegetation Environmental impact
Regulation	<ul style="list-style-type: none"> Balance Eastern side and Western side visitation TO not give sea link to much hold barges and tours Speed limits and enforcement Age restrictions for drivers under 21 years in private sector More policing of drivers on beaches
Tourism Opportunities & Limitations	<ul style="list-style-type: none"> Increase commercial activity permits for Western side (marine) Lack of support for Eco accredited tour operators Make a feeding station for dingoes at the top end Infrastructure at key visitor sights needs to be improved to better protect the environment & improve visitor experience
Permits/Cap	<ul style="list-style-type: none"> Visitor numbers reduced in peak times Control numbers Too many permits given to one main operator Better permits access not just online bookings Limit the public access. People that are future oriented
Facilities & Infrastructure	<ul style="list-style-type: none"> Ecological management of sanitation in beach camp areas / better toilet facilities or more fenced amenity camping facilities Infrastructure at sites for tour operators needs to be improved More undercover lunch facilities for tour operators More parking at Lake Mackenzie and/or a new access track to the other side to spread access in peak times Better landing facilities at Kingfisher for charter vessels General upkeep and maintenance of public facilities
Signage	<ul style="list-style-type: none"> Interpretive signage needs to be increased & a consistent planned approach to this needs to be developed
Access	<ul style="list-style-type: none"> Loss of access Beach access to the Western Side of the Island for Commercial Tour vessels More access to the western side to spread visitors and encourage access from Hervey Bay Walking access and signs need to be improved Dedicated one way road system and improved road maintenance Roads need to be better maintained a traffic plan implemented to reduce two-way traffic on busy roads More access by "Responsible" commercial operators. Day trips only. More access via barges during peak periods Lack of inland track access. (some track closures seem to be ongoing)
Overcrowding	<ul style="list-style-type: none"> Overpopulated in peak seasons Overcrowding at some popular spots
Commercial Fishing	<ul style="list-style-type: none"> Commercial Overfishing

Theme	Comments
	<ul style="list-style-type: none"><li>• Over-fishing and excessive bait (pippies/beach worm) collection

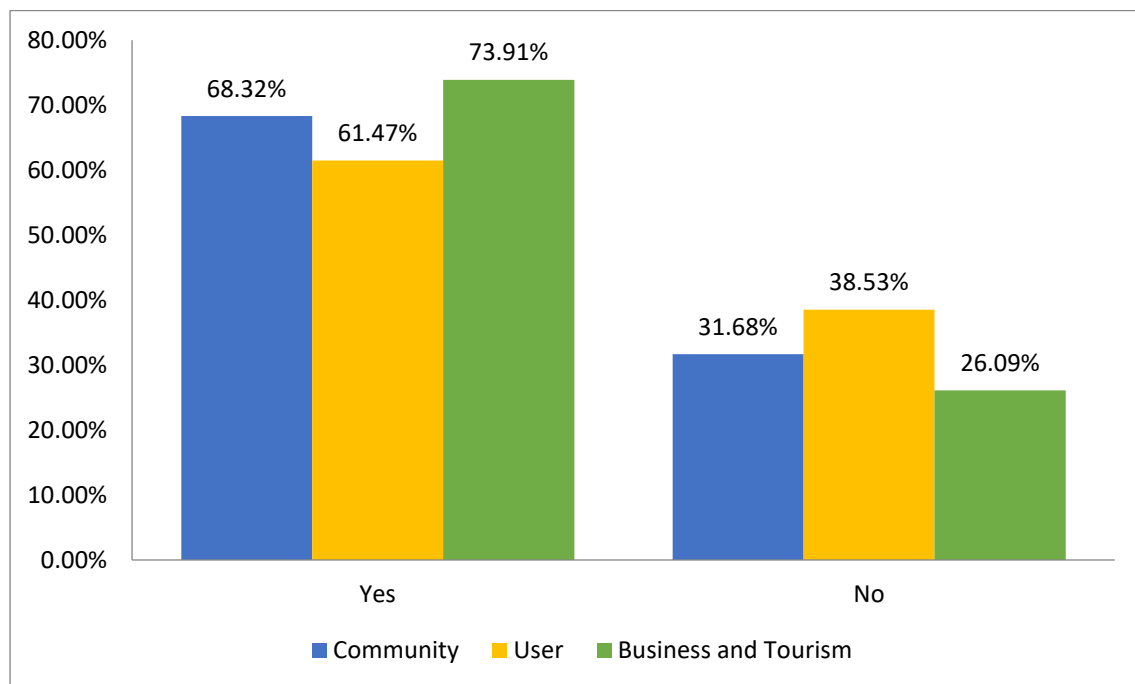
SECTION 4 – YOUR THOUGHTS ON FUTURE MANAGEMENT OPTIONS FOR K’GARI (FRASER ISLAND)

Q24⁷

Description – The question seeks respondents’ views on whether management action needs to be taken to achieve a better balance between *conservation, community, and visitor objectives*.

Q. Do you believe that management actions need to be taken to achieve a more appropriate balance between conservation, community, and visitor objectives at K’gari (Fraser Island)?

Community Survey and User Survey (Q24) Business and Tourism Survey (Q13)



Please note that for the purpose of comparison, the Community and User survey results for this Question have been combined.

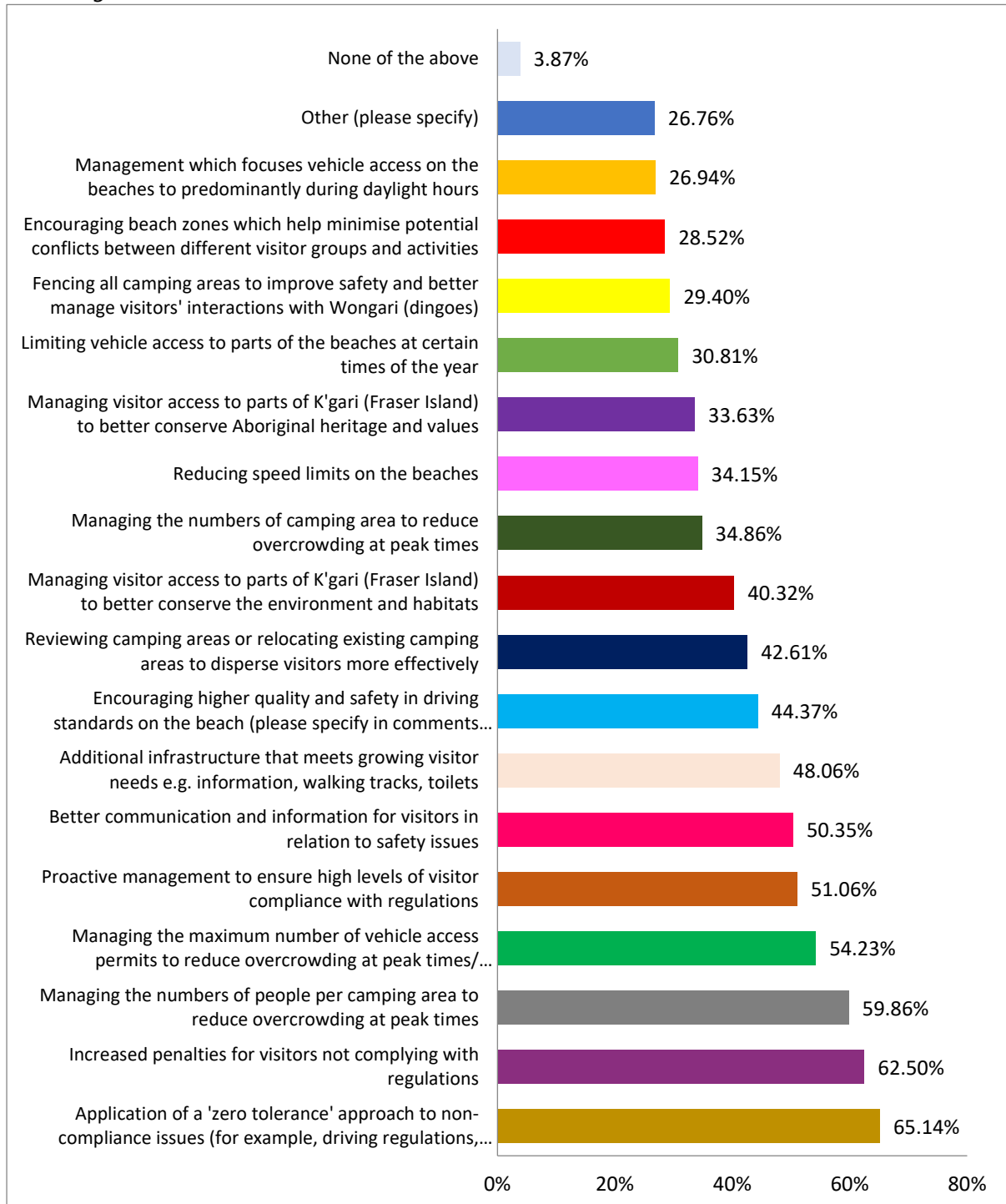
Overview of responses – Similar patterns of responses were expressed by all respondents with approximately two thirds noting that management actions need to be taken to achieve a more appropriate balance between conservation, community and visitor objectives at K’gari (Fraser Island).

⁷ Please note that in the Business and Tourism survey this is Question 13

Q25⁸

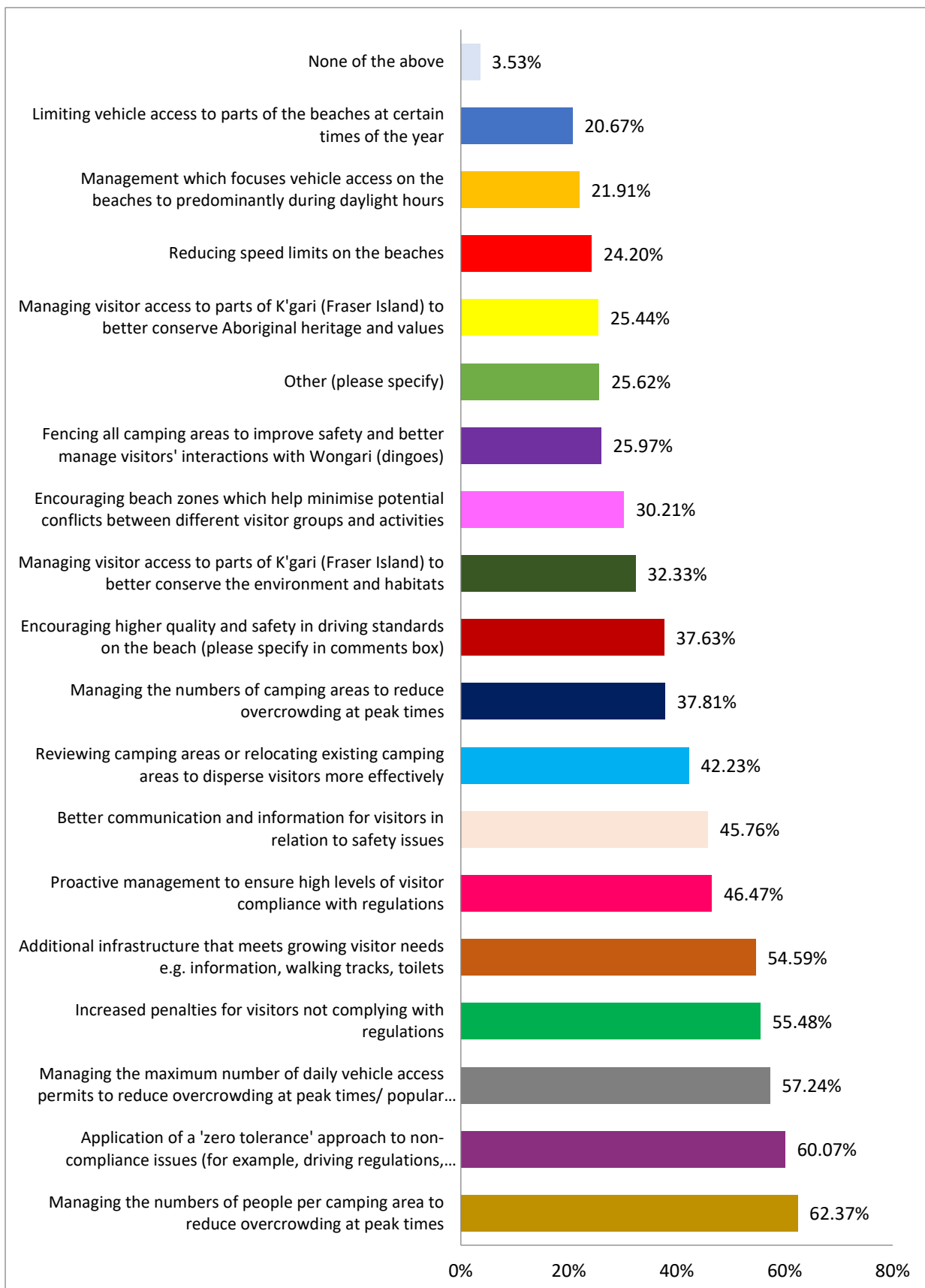
Description – The question seeks respondents’ views on future management options that can be considered for K’gari (Fraser Island).

Community Survey – Q25 Looking at National Parks around the world, a range of management techniques are used to improve public safety whilst managing tourism and achieving economic, cultural and conservation outcomes.

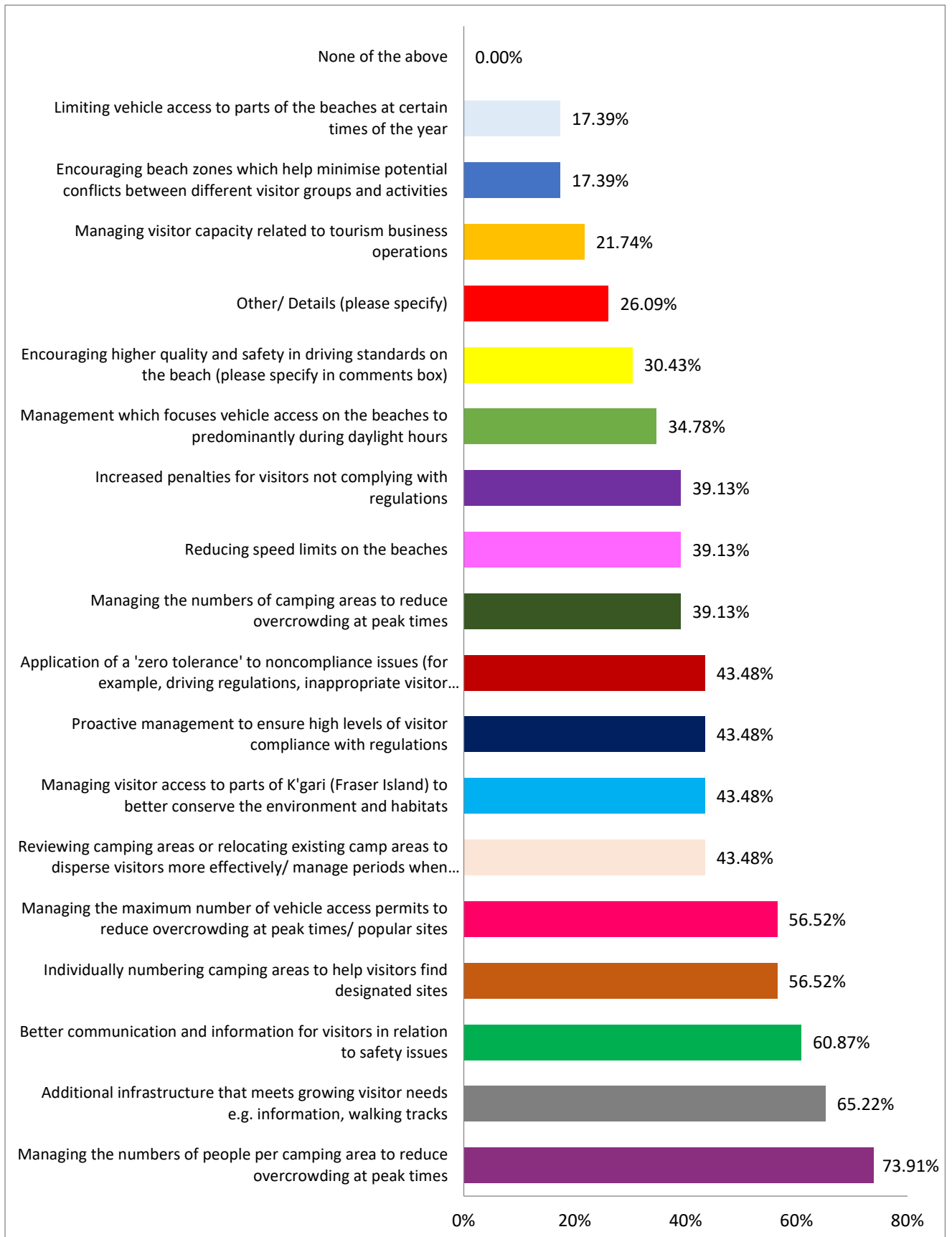


⁸ Please note that in the Business and Tourism survey this is Question 14

User Survey – Q25 - Looking at National Parks around the world, a range of management techniques are used to improve public safety whilst managing tourism and achieving economic, cultural and conservation outcomes.



Business Survey – Looking at National Parks around the world, a range of management techniques are used to improve public safety whilst managing tourism and achieving economic, cultural and conservation outcomes.



Overview of responses – Overall, there was strong support to consider a range of management options, focusing on application of a zero-tolerance approach, managing the numbers of people per camping area to reduce overcrowding at peak times, and increased penalties for visitors not complying with regulations.

- Community respondents top 5 techniques included: 'Application of a 'zero tolerance' approach to non-compliance issues' (65.14%), 'Increased penalties for visitors not complying with regulations' (62.50%), 'Managing the numbers of people per camping area to reduce overcrowding at peak times' (59.86%), 'Managing the maximum number of daily vehicle access permits to reduce overcrowding at peak times/popular sites' (54.23%), and 'Proactive management to ensure high levels of visitor compliance with regulations' (51.06%).
- User respondents held similar sentiments to Community with the top 5 techniques including: 'Managing the numbers of people per camping area to reduce overcrowding at peak times' (62.37%), 'Application of a 'zero tolerance' approach to non-compliance issues' (60.07%), 'Managing the maximum number of daily vehicle access permits to reduce overcrowding at peak times/popular sites' (57.24%), 'Increased penalties for visitors not complying with regulations' (55.48%), and 'Additional infrastructure that meets growing visitor needs e.g. information, walking tracks, toilets' (54.59%).
- Business respondents top 5 techniques included: 'Managing the numbers of people per camping area to reduce overcrowding at peak times' (73.91%), 'Additional infrastructure that meets growing visitor needs e.g., information, walking tracks, toilets' (65.22%), 'Better communication and information for visitors in relation to safety issues' (60.87%), 'Individually numbering camping areas to help visitors find designated sites' (56.52%), and 'Managing the maximum number of vehicle access permits to reduce overcrowding at peak times/popular sites' (56.52%).
- Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), 'Managing the numbers of people per camping area to reduce overcrowding at peak times' and 'Better communication and information for visitors in relation to safety issues' have the highest percentage of respondents who believe this would be the best response (80%). This is followed by 'Individually numbering camping areas to help visitors find designated sites' and 'Managing the maximum number of vehicle access permits to reduce overcrowding at peak times/popular sites' with 70%.
- Two responses were in the top 5 across the three surveys: 'Managing the numbers of people per camping area to reduce overcrowding at peak times' and 'Managing the maximum number of vehicle access permits to reduce overcrowding at peak times/popular sites'. These responses both identify the need for capacity limits and management of people on K'gari (Fraser Island).

The below table represents examples of themes and comments raised by respondents (primarily Community and Users/permit holders)

Themes	Comments
Campsites	<ul style="list-style-type: none"> • Allow campfires again • More campsites • Do not fence camp sites from dingo safety people need to use common sense do not feed them and do not leave kids unattended. Keep it natural. • Better management of eastern beach campsites
Driving	<ul style="list-style-type: none"> • Manage vehicles on beaches to protect migratory birds • Beach driving etiquette and basic rules signage • The sign on the road to the barge has far too much writing for a driver to read while driving • Signage at barge access points on the importance of lowering tyre pressure and staying in 4WD • Provide clear signage on all roads including locations and time to destination. • Restrict P plate holders from driving on the island • Speed reduction, daytime driving on beach • Give preference to those who are members of a 4wheel drive club or those who can prove they have done some driver training or have had previous beach driving experience • Compulsory driver education courses
Regulation	<ul style="list-style-type: none"> • More ranger presence and police enforcement • Higher penalties for visitors found to be feeding/interacting with dingoes • Blanket rule 30km/h driving past people parked up on the beach • On beach speed cameras • More vehicle access to other areas of the island for people to explore, which spreads the visitors/pressures out, and takes pressure of busier areas. • Shut down areas for rejuvenation 3-6months with no visitor access. More compliance in relation to food at lakes and creeks to minimise Wongari feeding or provide fenced eating areas. No motorbikes on the Island they are accessing our dunes. No mogs as they are damaging the tracks and areas such as Ngkala rocks. • I would propose a penalty system whereby if you do not follow the 'big' rules like driving sensibly and not being a knob - you get kicked off. Get kicked off more than 3 times in a certain period - banned for 3 years. Being honest - we are talking about the 1% of people that want to be knobs.
Education	<ul style="list-style-type: none"> • More Aboriginal Heritage education opportunities. Conservation type 'Working Holidays' where we can camp and work on an area needing conservation effort. • Information sessions with Rangers during peak times – educational for adults & Children, the importance of the flora fauna & cultural sites. • Better education about driving on the beaches i.e., freshwater washouts and natural undulations on the beach, education about tyre pressures on soft sand in particular, education about tides and driving distances and how they affect beach driving and the usual dingo education • Further adding to infrastructure and adding things such as educational tools or a cultural centre on the island would create an immersive experience where people could learn about the cultural side of things and give the traditional custodians a chance to share their knowledge and heritage with visitors
Aboriginal Engagement	<ul style="list-style-type: none"> • Active involvement of Butchulla in decision-making • Strong relationship with Barge owners. • Aboriginal Cultural perspectives is needed
Permits	<ul style="list-style-type: none"> • Limiting vehicle access should relate to the daily tides for both safety and prevent of damage to the upper shore and dunes. Vehicles should not be allowed to travel between 2 hours before and after high tide. • Reduce commercial tourist numbers and put in more speed zone signage • Maybe a token system to the popular areas, 1 day pass per x number of days
Facilities & Infrastructure	<ul style="list-style-type: none"> • Build better bypass road and extra road in and out to improve traffic flow for better safety

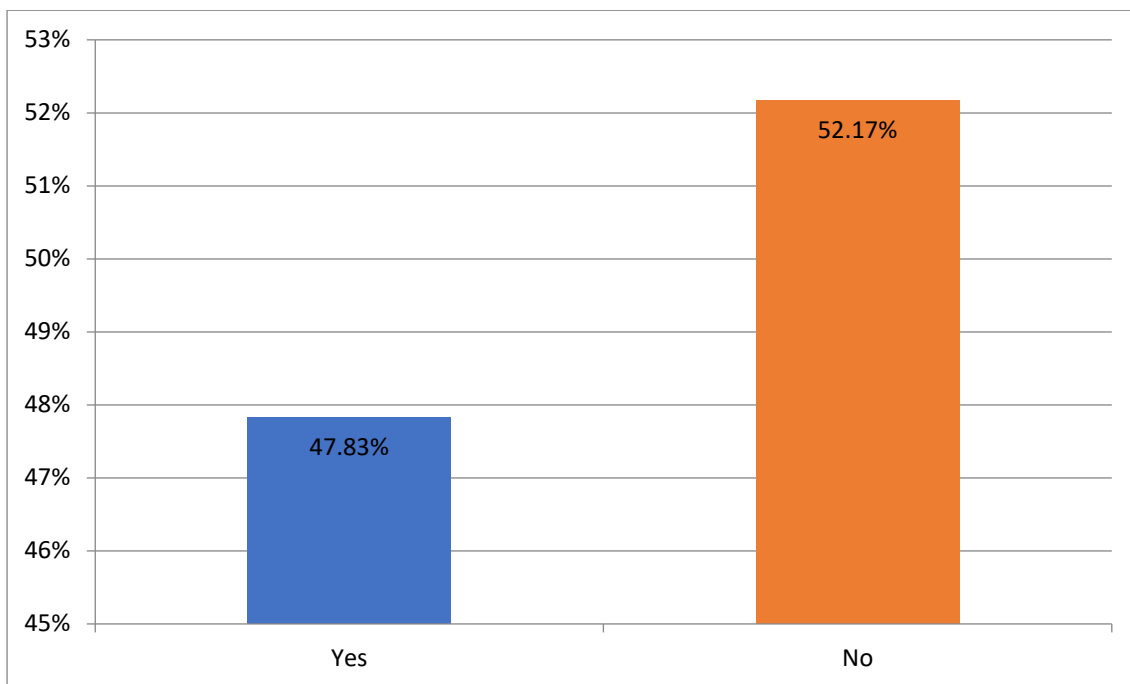
Themes	Comments
	<ul style="list-style-type: none"> • Utilise and maintain established walking tracks, more nature activities • More toilet and dump points • Cleanliness of toilet facilities. We experienced overflowing and dirty toilets when showing our international visitors around • Phone coverage • Stop closing tracks maintain them instead • Better track maintenance to minimise damage to vehicles and the risk of accidents

SPECIFIC QUESTIONS UNIQUE TO THE TOURISM AND BUSINESS SURVEY

Q16

Description – The question seeks respondents' views on whether they have previously sought advice from the Queensland Government regarding commercial tourism opportunities in National Parks.

Q16 - *Have you previously sought advice from the Queensland Government (Queensland Parks and Wildlife Service) regarding opportunities to operate a commercial tourism activity on K'gari (Fraser Island)?*



Overview of responses – There were 47.83% of business respondents who indicated they have previously sought advice from the Queensland Government (Queensland Parks and Wildlife Service) regarding opportunities to operate a commercial tourism activity in K'gari (Fraser Island).

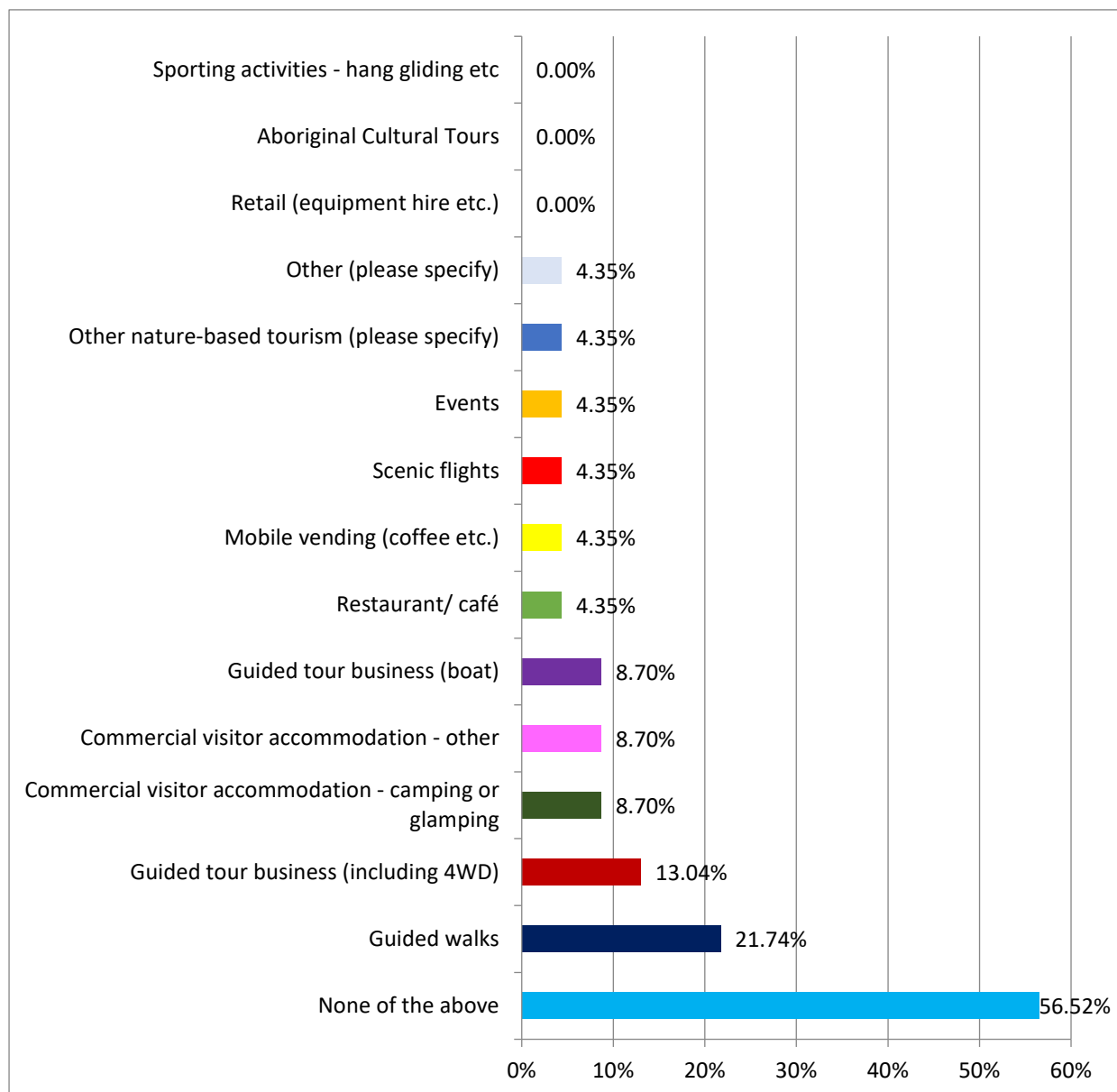
Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), 9 out of 10 respondents indicated they have previously sought advice from

the Queensland Government (Queensland Parks and Wildlife Service) regarding opportunities to operate a commercial tourism activity in K'gari (Fraser Island).

Q18

Description – The question seeks respondents’ views on potential interest to approach the Queensland Government regarding new or expanded commercial tourism opportunities in K’gari (Fraser Island) over the next 3-year period.

Q18 – *Are you considering approaching the Queensland Government regarding new or expanded commercial tourism opportunities in K’gari (Fraser Island) over the next 3-year period? Please indicate the types of business opportunity that may interest you (please select all that apply).*



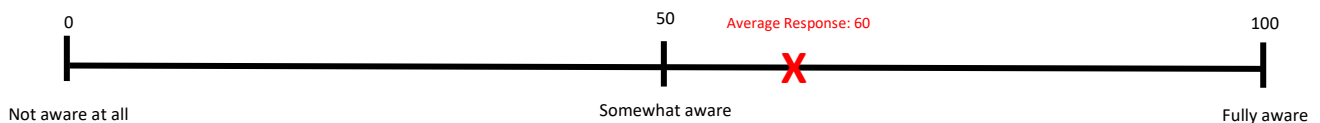
Overview of responses - Most respondents indicated an interest in approaching Queensland Government regarding new/expanded 'Guided walks' (21.74%) and 'Guided tour business (including 4WD)' (13.04%). Some expressed their interest in 'Commercial visitor accommodation - camping or glamping' (8.7%), 'Commercial visitor accommodation – other' (8.7%), and 'Guided tour business (boat)' (8.7%).

There were 13 (56.2%) respondents that selected "None of the above". One respondent provided a comment, stating that "Skipped yacht charters on the Western side of Fraser Island – require permission to go ashore beyond the high-water mark"

Q19

Description – The question seeks respondents' awareness of the Queensland Government's process for considering/applying for a commercial activity permit.

Q19 – *To what extent are you aware of the Queensland Government's process for considering/applying for a commercial activity permit to operate a tourism business in a National Park or Recreation Area, including K'gari (Fraser Island)?*



The average number for respondents was 60 ranging from 0 (Not aware at all) to 100 (Fully aware), with 57.1% of respondents aware of the permit application process.

Among 10 businesses holding a permit to operate a commercial tourism activity in K'gari (Fraser Island), the average number was 89 with 9 out of 10 respondents are fully aware of the permit application process from the Qld Government (with the rating from 70 to 100).

Appendix 3: DPISR framework used in conducting the study

Proforma for DPISR Site Assessment/ Inventory

Figure B: Site Assessment Proforma

Site/ Area Description	
• Site description/Area description	Data <input checked="" type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
• Location relative to main urban areas/source markets	Data <input checked="" type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
Access	
• Access route – road, beach, etc	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
• Condition of access routes	Data <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input type="checkbox"/>
<hr/>	
• Site access and use controls	
○ VAP	Data <input checked="" type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
○ Camping Permit	Data <input checked="" type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
Drivers	
Demographics	
• Local population	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
○ 2021/2040 population	
• SEQ population	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
○ 2021/2040 population	
<hr/>	
Values	
• Management plan/statement , draft visitor strategy	Data <input checked="" type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
<hr/>	
Management Intent	
• Management plan/statement , draft visitor strategy	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
• Consultation with QPWS teams	Data <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
<hr/>	
Traditional Owner Expectations	
• Consultation	Data <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
• Existing input into management planning	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
<hr/>	
User Expectations	
• User survey	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
• Business and tourism survey	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
• Stakeholder interview	Data <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
<hr/>	
Resident Expectations	
• Community survey	Data <input checked="" type="checkbox"/> Observation <input type="checkbox"/> Experience <input type="checkbox"/>
• Stakeholder interview	Data <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>
<hr/>	
Socio-political Expectations	
• Consultation with key stakeholders	Data <input type="checkbox"/> Observation <input checked="" type="checkbox"/> Experience <input checked="" type="checkbox"/>

Pressures

- Annual use – vehicles
Data Observation Experience
- Annual use – campers
Data Observation Experience
- Annual use – day visitors
Data Observation Experience

- Trend in annual usage
Declining Stable Increasing Rapidly increasing

- Forecast increased usage
Data Observation Experience

- Peak daily usage
Data Observation Experience

- Peak hourly usage
Data Observation Experience

- Peak times of usage
AM PM Evening All

- Visitor profile – predominant users
Single Couple Family Group Other

- Age/socio-demographic profile
Data Observation Experience

- Overall leisure trends
Data Observation Experience

- Predominant user activities
 - User/resident survey sentiment
Data Observation Experience
 - Consultation feedback
Data Observation Experience

State – Flora and Fauna

Vegetation - healthchecks

- Attrition Data Observation Experience
 - Natural resilience Data Observation Experience
 - Extent of weeds Data Observation Experience
-

Soil/ sand

- Compaction Data Observation Experience
 - Extension of footprints Data Observation Experience
-

Water quality

- Recreational use Data Observation Experience
 - Ground water Data Observation Experience
-

Wildlife (disturbance)

- Habitat loss Data Observation Experience
 - Unintentional feeding Data Observation Experience
 - Intentional feeding Data Observation Experience
 - Feral predators Data Observation Experience
 - Domestic pets Data Observation Experience
-

Naturalness (in relation to values)

Predominance of

- Nature Data Observation Experience
 - Constructions Data Observation Experience
 - Human presence Data Observation Experience
-

Evaluation against management intent

- Acceptable? Data Observation Experience
- Intent threatened? Data Observation Experience
- Exceeds acceptable change? Data Observation Experience
- Management intervention
 - Maintain current management regime? Data Observation Experience
 - Monitor? Data Observation Experience
 - Increase current practice? Data Observation Experience
 - New action? Data Observation Experience

State – Social Attributes

Noise

- Ambient/ peak daily levels Data Observation Experience
-

Crowding

- Max number of campsites per zone Data Observation Experience
 - Max number of daily visitors Data Observation Experience
-

User conflicts

- Complaints data Data Observation Experience
 - User/resident survey benchmarks Data Observation Experience
-

Safety

- Reported number of incidents Data Observation Experience
 - User/resident survey benchmarks Data Observation Experience
 - User/resident survey benchmarks Data Observation Experience
 - Number of QPS/ranger PINs, offences Data Observation Experience
-

User satisfaction

- User/resident survey benchmarks Data Observation Experience
 - Number of complaints Data Observation Experience
-

Evaluation against management intent

- Acceptable? Data Observation Experience
- Intent threatened? Data Observation Experience
- Exceeds acceptable change? Data Observation Experience

- Management intervention
 - Maintain current management regime? Data Observation Experience
 - Monitor? Data Observation Experience
 - Increase current practice? Data Observation Experience
 - New action? Data Observation Experience

State – Management Attributes

Utilities and Services

- Adequacy of power, water, sewerage, rubbish collection? Data Observation Experience

Facilities (where appropriate)

- Picnic tables Data Observation Experience
- Shelters Data Observation Experience
- Barbecues Data Observation Experience
- Play equipment Data Observation Experience
- Bins/skips Data Observation Experience

- Days at maximum capacity? Data Observation Experience
- Well maintained, needs maintenance, deterioration, safety concerns? Data Observation Experience

Camping

- Numbers of pitches Data Observation Experience
- Days at maximum capacity Data Observation Experience
- Numbers of permits sold Data Observation Experience

Potable Water

- Sources – mains, treated aquifer, tank? Data Observation Experience
- Uses – showers, taps Data Observation Experience
- Water usage levels Data Observation Experience

Toilets

- Numbers of male, female, unisex Data Observation Experience
- Type of provision – flush, sewer, septic, vault Data Observation Experience
- Unit/ system condition Data Observation Experience

Parking

- Numbers of formal/informal spaces Data Observation Experience
- Safety/ management concerns Data Observation Experience

Evaluation against management intent

- Acceptable? Data Observation Experience
- Intent threatened? Data Observation Experience
- Exceeds acceptable change? Data Observation Experience
- Management intervention
 - Maintain current management regime? Data Observation Experience
 - Monitor? Data Observation Experience
 - Increase current practice? Data Observation Experience
 - New action? Data Observation Experience

State – Management Attributes (Communication)

Communication – pre-visit (QPWS)

- Location values Data Observation Experience
- Protective behaviour Data Observation Experience
- Use opportunities Data Observation Experience
- Use explicit Data Observation Experience
- Safety precautions Data Observation Experience
- Sources of info – social media, website, print Data Observation Experience

Communication – pre-visit (others including Moreton Bay Regional Council, Moreton Bay Region Industry & Tourism (MBRIT))

- Location values Data Observation Experience
- Protective behaviour Data Observation Experience
- Use opportunities Data Observation Experience
- Use explicit Data Observation Experience
- Safety precautions Data Observation Experience
- Sources of info – social media, website, print, signposting Data Observation Experience

Communication – on site orientation and interpretation

- Location values Data Observation Experience
- Protective behaviour Data Observation Experience
- Use opportunities Data Observation Experience
- Use explicit Data Observation Experience
- Safety precautions Data Observation Experience
- Sources of info – signage, brochure/map Data Observation Experience

Evaluation against management intent

- Acceptable? Data Observation Experience
- Intent threatened? Data Observation Experience
- Exceeds acceptable change? Data Observation Experience
- Management intervention
 - Maintain current management regime? Data Observation Experience
 - Monitor? Data Observation Experience
 - Increase current practice? Data Observation Experience
 - New action? Data Observation Experience

State - Cultural Attributes

Traditional Owner values

- Consultation Data Observation Experience
- Input into existing management planning Data Observation Experience

Historical values

- Consultation Data Observation Experience
- Literature review Data Observation Experience

Evaluation against management intent

- Acceptable? Data Observation Experience
- Intent threatened? Data Observation Experience
- Exceeds acceptable change? Data Observation Experience
- Management intervention
 - Maintain current management regime? Data Observation Experience
 - Monitor? Data Observation Experience
 - Increase current practice? Data Observation Experience
 - New action? Data Observation Experience

Impact

Environmental

- Healthchecks Data Observation Experience
- Additional research/ monitors Data Observation Experience
- Stakeholder feedback/surveys Data Observation Experience

Social

- Stakeholder feedback/surveys - sentiment Data Observation Experience

Economic

- Stakeholder feedback/surveys Data Observation Experience
- Business sentiment Data Observation Experience

Response Options

Modification of site/area use

- Communication – pre visit and on site Data Observation Experience
 - Capacity caps/constraints Data Observation Experience
 - Pricing measures to incentive change Data Observation Experience
 - Enhanced Compliance and incentives for behaviour change
Data Observation Experience
 - Dispersal measures Data Observation Experience
 - Zoning to limit user conflict Data Observation Experience
-

Modification of site character/ patterns of usage

- Upgrade facilities Data Observation Experience
 - Alter vegetation Data Observation Experience
 - Formalise use in hardened areas Data Observation Experience
 - Increase site hardening Data Observation Experience
-

Improved understanding/management tools

- Improved measurement/monitoring Data Observation Experience
- Safety enhancements

