

NSW MARINE PARKS AUTHORITY

Solitary Islands Marine Park Community Survey Final Report

Prepared for: NSW Marine Parks Authority

Project No: 8353

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Section 1

Introduction

This document has been prepared by McGregor Tan Research to report on the findings of the Solitary Islands Marine Park community Survey conducted on behalf of NSW Marine Parks Authority.

Background

- 1.1 Solitary Islands Marine Park (SIMP) is a multiple use marine protected area which provides for a diverse range of activities, including recreational and commercial fishing, while at the same time conserving biological diversity and habitats, and maintaining ecological processes. To achieve these sometimes conflicting aims the marine parks are managed through the implementation of a zoning plan.
- 1.2 Market research was required to understand the knowledge and attitude amongst NSW residents towards the Solitary Islands Marine Park. Because vocal interest groups, including conservationists as well as recreational fishers, tend to dominate public debate about Marine Park planning, it is important to obtain information on the views of a broader community and park users. The primary aim of the study is to determine the level of support among park users for the Solitary Islands Marine Park.
- 1.3 The research objectives were to:
- Measure the level of understanding that Solitary Islands is a marine park
 - Determine level of concern about various issues that may affect SIMP
 - Determine level of support overall for preserving SIMP
 - Determine level of importance of various reasons for protecting SIMP
 - Determine level of support for sanctuary zones (no take areas)
 - Comparisons of the responses from fishers and non fishers.
- 1.4 The main target audiences for this research are:
- Residents in local government areas in NSW associated with SIMP
 - Solitary Islands Marine Park users
 - Recreational fishers

Research Approach and Methodology

- 1.5 The research approach and methodology was based on the need to survey a broad cross section of residents from across designated local governments in the regional north coast of New South Wales.
- 1.6 407 telephone interviews, using McGregor Tan Research's Computer Aided Telephone Interviewing (CATI) System, were conducted in the following local government areas:
- Coffs Harbour (206 interviews)
 - Bellingen (43 interviews)
 - Clarence Valley (158 interviews)
- 1.7 The survey sample was arrived at in proportion to the population of the local governments in the catchment area.
- 1.8 These interviews were conducted between January 24th and January 31st 2008.

Section 2

Executive Summary

The following Executive Summary covers the key findings of the research.

2.1 Understanding of the Term “Marine Park”

When those surveyed were asked what was their understanding of the term “Marine Park”, almost two thirds (63%) named an area established to conserve and protect the local marine environment and more than one third (36%) named an area restricted to the public or closed to fishing.

2.2 Awareness of Marine Parks in the Local Area

Almost half of the respondents (47%) could name the Solitary Islands Marine Park, with another 8% of respondents naming the adjacent Solitary Islands Marine Reserve (and the former name for the Solitary Islands Marine Park), and a further 22% knowing that a marine park was in the immediate area (i.e. Coffs Coast or Coffs Harbour) but unable to name it. This shows that 77% of respondents are aware of marine parks in their area.

Other places named were Cape Byron Marine Park (3%) and Split Solitary (1%). However, the remainder indicated that they were not aware of any marine park in their local area or were unsure.

2.3 Awareness of Solitary Islands as a Marine Park

When asked if, before the day of the interview, they were aware that the area around Solitary Islands was a marine park, the majority (83%) of respondents indicated that they were aware of this, with a higher incidence amongst those involved in fishing (92%) and boating (95%). Just 16% mentioned they were not aware that this area was a marine park.

2.4 Conservation of the Solitary Islands Marine Park

Awareness of Issues Affecting the Solitary Island Marine Park

Almost two thirds (62%) of those surveyed mentioned issues that, in their opinion, affected the Solitary Islands Marine Parks. The main issues mentioned were commercial fishing (32%) and recreational fishing (25%).

Other issues named were:

- Pollution, marine debris, litter (19%)
- Increasing number of visitors (8%)
- Sediment runoff (5%)
- Coastal developments (3%)
- Oil spills (3%)
- Global warming/ climate change (3%)

Level of Concern Towards Issues Affecting the Preservation of the Solitary Islands Marine Park

Those surveyed were then asked, using a scale of 1 to 5, where 5 is very concerned and 1 is not at all concerned, to rate their level of concern about different issues and their effects on the preservation of the Solitary Islands Marine Park.

It is generally considered that an average rating of 3.0 or less represents a mixed level of concern, 3.5 represents a relatively high level of concern, 4.0 a very high level of concern and 4.5 or above an extremely high level of concern.

Based on these parameters, there was a very high level of concern with the following issues:

- Pollution, marine debris, litter – average rating of 4.3 (57% were very concerned)
- Oil spills – average rating of 4.1 (58% were very concerned)

There was a relatively high level of concern with the following issues:

- Coastal developments – average rating of 3.8 (37% were very concerned)
- Introduced species – average rating of 3.8 (39% were very concerned)
- Sediment runoff – average rating of 3.7 (34% were very concerned)
- Commercial fishing – average rating of 3.7 (36% were very concerned)
- Global warming/ climate change – average rating of 3.6 (34% were very concerned)

There were mixed levels of concern with the following issues:

- Increasing the number of visitors – average rating of 3.2 (20% were very concerned)
- Boating – average rating of 2.9 (14% were very concerned)
- Recreational fishing – average rating of 2.8 (14% were very concerned)

Level of Support for Conserving the Solitary Islands Marine Park

The overwhelming majority of respondents (87%) indicated that they were in favour of conserving the Solitary Islands Marine Park, and just 3% stated they were not. A further 9% of respondents described their view as neutral.

Whilst Non Fishers (88%) were more likely than Fishers (82%) to be in favour of conserving the Solitary Islands Marine Park, Fishers (8%) were more likely than Non Fishers (2%) to be against the conservation of the Solitary Islands.

2.5 *Protecting the Solitary Islands Marine Park*

Reasons for Protecting the Solitary Islands Marine Park

When asked for the main reasons for protecting the Solitary Islands Marine Park, half (50%) of those surveyed indicated that it was to support a diverse array of marine and bird life. Other reasons identified included:

- Allows future generation to enjoy the marine park (44%)
- Provides important natural habitats (42%)
- Provides important locations for recreation and leisure activities (9%)
- Important part of the lifestyle (5%)

Importance of Reasons for Protecting the Solitary Islands Marine Park

Those surveyed were then asked, using a scale of 1 to 5 where 5 is extremely important and 1 is not at all important, to rate the importance of a set of reasons for protecting the Solitary Islands Marine Park.

It is generally considered that an average rating of 3.0 or less represents a mixed level of importance, 3.5 represents a relatively high level of importance, 4.0 a very high level of importance and 4.5 or above an extremely high level of importance.

Based on these parameters, respondents attributed an extremely high level of importance to the following reasons:

- Allows future generations to enjoy the marine park – average rating of 4.7 (73% considered extremely important)
- Provides important natural habitats – average rating of 4.6 (71% considered extremely important)
- Supports diverse array or marine and bird life – average rating of 4.6 (71% considered extremely important)

Respondents gave a very high level of importance to the reason “provides educational benefits” – average rating of 4.3 (52% considered extremely important)

The following reasons were given relatively high level of importance:

- Important part of the lifestyle – average rating of 3.9 (35% considered extremely important)
- Provides important locations for leisure and recreational activities – average rating of 3.8 (35% considered extremely important)
- Important economical benefits – average rating of 3.5 (24% considered extremely important)
- Respondents gave a mixed level of importance to the reason “important for aboriginal and cultural heritage” – average rating of 3.3 (27% considered extremely important).

2.6 Sanctuary Zones

Awareness of What a Sanctuary Zone is

Although the majority of respondents (43%) did not know what a sanctuary zone was, more than half (57%) were able to provide an answer, the main ones being:

- An area where neither recreational nor commercial fishing is allowed (23%; Fishers - 33%, Non Fishers - 20%)
- An area established to conserve and protect the local marine environment (21%; Fishers - 26%, Non Fishers - 19%)
- An area restricted to the public (18%; Fishers - 28%, Non Fishers - 15%)
- Recreational activities that do not harm plants, animal or habitat are permitted (9%; Fishers - 7%, Non Fishers - 10%)

Level of Support for the Sanctuary Zones in the Solitary Islands

Marine Park

Four in five respondents (80%) stated that they were in favour of the sanctuary zones in the Solitary Islands Marine Park with only 5% stating they were against it. A further 14% mentioned they were neutral and just 1% were unsure

Although in general terms the proportion was low, Fishers were less likely than Non Fishers to support the sanctuary zones in the Solitary Islands Marine Park.

Level of Support for the Sanctuary Zones in General

Four in five (79%) respondents were in favour of sanctuary zones in general, while only 5% were against. However, one in six respondents (16%) were neutral.

Again, and although in general terms the proportion was low, Fishers were less likely than Non Fishers to support the sanctuary zones in the Solitary Islands Marine Park.

2.7 Benefits of Having Marine Parks in New South Wales

The overwhelming majority (92%) of those surveyed were able to name at least one benefit of having marine parks in New South Wales such as the Solitary Islands Marine Park. The four main benefits identified were:

- Preservation of the environment for future generations (63%)
- Protection of marine habitats (42%)
- Increase in fish stocks (26%)
- Better environment (23%)

2.8 ***Drawbacks of Having Marine Parks in New South Wales***

Although the majority (62%) of respondents indicated that there were no drawbacks, one third (33%) of those surveyed named at least one drawback of having marine parks in New South Wales. These included:

- Less areas to fish (14%)
- Less opportunities for recreation (10%)
- Loss of commercial benefits (9%)
- Less access to beaches (4%)

2.9 ***Recreational Activities***

The following table illustrates the frequency of survey participants' involvement in a number of recreational activities in the Solitary Islands Marine Park environment.

Activity/ Frequency	Fishing	Snorkelling/ Diving	Boating	Beach Activities
More than once a week	2%	0%	1%	14%
About once a week	3%	1%	2%	11%
About once a fortnight	4%	1%	3%	7%
About once a month	3%	3%	2%	11%
About once every three months	4%	3%	3%	6%
About once every six months	2%	2%	2%	6%
About once a year	2%	3%	5%	3%
Less often	4%	4%	6%	4%
Never	76%	83%	76%	39%

2.10 ***Importance of the Solitary Islands Marine Park***

The overwhelming majority of respondents (86%) indicated that it was important, with 58% considering the Solitary Islands Marine Park as extremely important. One in ten (10%) respondents considered that it was neither important nor unimportant and only 4% of the total number of respondents stated that it was not important.

2.11***Solitary Islands Marine Park Zoning Plan Brochure***

Approximately one in seven respondents (15%) indicated that they had this brochure. However the majority (81%) mentioned that they did not. A further 4% of respondents were unsure.

Section 3

Analysis

This section outlines the key findings of the research. For further analysis by age, gender, occupation, household composition etc. please refer to the Computer Tabulations.

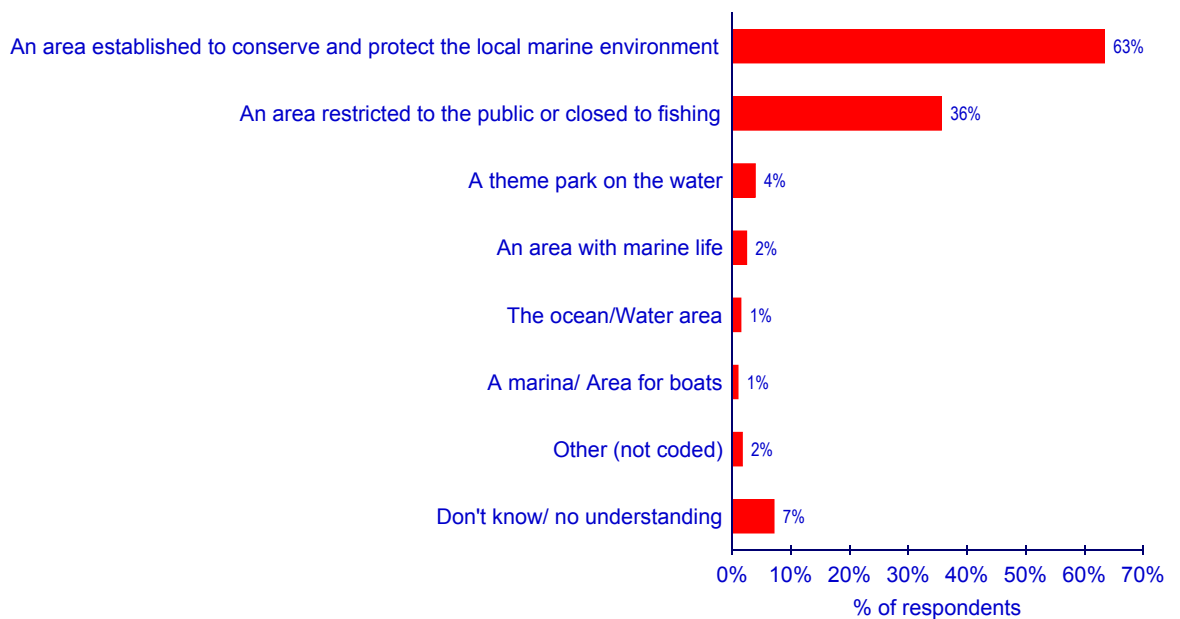
3.1 Understanding of the Term “Marine Park”

3.1.1 Those surveyed were asked what was their understanding of the term “Marine Park.”

3.1.2 The overwhelming majority (93%) of respondents were able to give a response to this question, with an area established to conserve and protect the local marine environment (63%) clearly the main understanding. Other responses included:

- An area restricted to the public or closed to fishing (36%)
- A theme park on the water (4%)
- An area with marine life (2%)
- The ocean/ water area (1%)
- A marina/ area for boats (1%)

Q1. What is your understanding of the term "Marine Park"?



MTR (Ref:8353SI)

3.1.3 Those having an understanding that a “Marine Park” is an area established to conserve and protect the local marine environment were more likely to be:

- Professionals/ executives (81%)
- Those with a gross household income of \$40,000 to \$59,000 per annum (75%)
- Those living in Coffs Harbour (71%)
- Those aware that Solitary Islands was a marine park (67%)
- Those involve in snorkelling/ diving (74%) and boating (71%)

3.1.4 Those having an understanding that a “Marine Park” is an area restricted to the public or closed to fishing were more likely to be:

- Those aware that Solitary Islands was a marine park (39%)
- Those involved in beach activities (40%)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q1. What is your understanding of the term "Marine Park"?
Unprompted multiple response

	<u>GENDER</u>			<u>AGE GROUPS</u>						<u>ALL</u>	<u>ALL</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
An area established to conserve and protect the local marine environment	258 63%	122 61%	136 66%	17 74%	11 48%	38 72%	83 64%	38 64%	71 60%	66 67%	192 62%
An area restricted to the public or closed to fishing	145 36%	74 37%	71 34%	5 22%	5 22%	19 36%	49 38%	24 41%	43 36%	29 29%	116 38%
A theme park on the water	16 4%	6 3%	10 5%	0 0%	1 4%	2 4%	6 5%	3 5%	4 3%	3 3%	13 4%
TOTAL OTHER	24 6%	12 6%	12 6%	2 9%	6 26%	7 13%	2 2%	0 0%	7 6%	15 15%	9 3%
						++	--			+++	---
An area with marine life	10 2%	3 1%	7 3%	1 4%	0 0%	5 9%	1 1%	0 0%	3 3%	6 6%	4 1%
						+++				+++	---
Other (not coded)	7 2%	5 2%	2 1%	1 4%	4 17%	1 2%	0 0%	0 0%	1 1%	6 6%	1 0%
										+++	---
The ocean/Water area	6 1%	2 1%	4 2%	1 4%	1 4%	3 6%	1 1%	0 0%	0 0%	5 5%	1 0%
						+++				+++	---
A marina/ Area for boats	4 1%	3 1%	1 0%	0 0%	1 4%	0 0%	0 0%	0 0%	3 3%	1 1%	3 1%
									++		
Don't know/ no understanding	29 7%	15 7%	14 7%	2 9%	0 0%	0 0%	7 5%	7 12%	13 11%	2 2%	27 9%
									+	--	++
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308
No. of Responses	475	230	245	27	23	68	147	72	138	118	357
Mean No. of mentions	1.17	1.14	1.19	1.17	1.	1.28	1.13	1.22	1.16	1.19	1.16
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q1. What is your understanding of the term "Marine Park"?
Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	<u>Total</u>	<u>Prof/Exec</u>	<u>White Collar</u>	<u>Blue Collar</u>	<u>Home Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid work</u>	<u>Not in pd work</u>	<u>Single (<40)/ shared h'hold</u>	<u>Younger couple no kids</u>	<u>Young Family</u>	<u>Middle Family</u>	<u>Mature Family</u>	<u>Mature Couple/ Single</u>
An area established to conserve and protect the local marine environment	258 63%	46 81% +++	37 70%	49 56% -	19 61%	83 60%	24 62%	132 67%	126 60%	8 57%	8 62%	23 66%	47 70%	49 64%	123 61%
An area restricted to the public or closed to fishing	145 36%	16 28%	18 34%	32 36%	8 26%	56 40%	15 38%	66 33%	79 38%	4 29%	4 31%	9 26%	21 31%	29 38%	78 39%
A theme park on the water	16 4%	4 7%	0 0%	5 6%	1 3%	4 3%	2 5%	9 5%	7 3%	0 0%	1 8%	0 0%	5 7%	4 5%	6 3%
TOTAL OTHER	24 6%	2 4%	3 6%	6 7%	3 10%	6 4%	4 10%	11 6%	13 6%	3 21%	2 15%	5 14% ++	4 6%	4 5%	6 3% --
An area with marine life	10 2%	0 0%	2 4%	1 1%	2 6%	3 2%	2 5%	3 2%	7 3%	2 14%	1 8%	1 3%	3 4%	0 0%	3 1%
Other (not coded)	7 2%	2 4%	1 2%	2 2%	0 0%	1 1%	1 3%	5 3%	2 1%	0 0%	1 8%	3 9% +++	1 1%	2 3%	0 0%
The ocean/Water area	6 1%	0 0%	1 2%	4 5% +++	1 3%	0 0%	0 0%	5 3% +	1 0% -	1 7%	1 8%	2 6% ++	1 1%	1 1%	0 0%
A marina/ Area for boats	4 1%	0 0%	0 0%	0 0%	1 3%	2 1%	1 3%	0 0%	4 2% +	0 0%	0 0%	0 0%	0 0%	1 1%	3 1%
Don't know/ no understanding	29 7%	1 2% -	4 8%	5 6%	3 10%	14 10% +	2 5%	10 5%	19 9%	0 0%	0 0%	2 6%	2 3%	5 7%	20 10% ++
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	475	69	63	98	35	163	47	230	245	15	16	40	80	91	233
Mean No. of mentions	1.17	1.21	1.19	1.11	1.13	1.17	1.21	1.16	1.17	1.07	1.23	1.14	1.19	1.2	1.15
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q1. What is your understanding of the term "Marine Park"?
Unprompted multiple response

	Total	GROSS HOUSEHOLD INCOME						LOCATION					AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK	
		Under \$20,000 pa	\$20,000 to \$39,999 pa	\$40,000 to \$59,999 pa	\$60,000 to \$79,999 pa	\$80,000 to \$99,999 pa	\$100,000 + pa	Refused	Coffs Harbour	Bellingen	Clarence Valley	Yes	Don't know/ not sure	No
An area established to conserve and protect the local marine environment	258 63%	42 60%	60 57%	47 75% ++	31 58%	19 68%	23 74%	36 63%	146 71% +++	27 63%	85 54% ---	226 67% +++	1 20%	31 48% ---
An area restricted to the public or closed to fishing	145 36%	22 31%	33 31%	19 30%	24 45%	11 39%	12 39%	24 42%	67 33%	18 42%	60 38%	132 39% +++	3 60%	10 15% ---
A theme park on the water	16 4%	2 3%	5 5%	5 8% +	2 4%	1 4%	0 0%	1 2%	5 2%	2 5%	9 6%	8 2% ---	0 0%	8 12% +++
TOTAL OTHER	24 6%	5 7%	9 9%	0 0%	5 9%	2 7%	1 3%	2 4%	10 5%	4 9%	10 6%	13 4%	1 20%	10 15% +++
An area with marine life	10 2%	4 6% +	4 4%	0 0%	2 4%	0 0%	0 0%	0 0%	4 2%	1 2%	5 3%	5 1% ---	1 20%	4 6% ++
Other (not coded)	7 2%	0 0%	0 0%	0 0%	2 4%	2 7%	1 3%	2 4%	3 1%	2 5%	2 1%	6 2% ---	0 0%	1 2%
The ocean/Water area	6 1%	0 0%	3 3%	0 0%	3 6% +++	0 0%	0 0%	0 0%	3 1%	1 2%	2 1%	2 1% ---	0 0%	4 6% +++
A marina/ Area for boats	4 1%	1 1%	3 3% ++	0 0%	0 0%	0 0%	0 0%	0 0%	2 1%	0 0%	2 1%	1 0% ---	0 0%	3 5% +++
Don't know/ no understanding	29 7%	7 10%	8 8%	4 6%	2 4%	1 4%	1 3%	6 11%	8 4% --	4 9%	17 11% ++	18 5% ---	0 0%	11 17% +++
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	475	78	116	75	66	34	37	69	238	55	182	398	5	72
Mean No. of mentions	1.17	1.11	1.1	1.19	1.25	1.21	1.19	1.21	1.16	1.28	1.15	1.18	1.	1.11
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q1. What is your understanding of the term "Marine Park"?
Unprompted multiple response

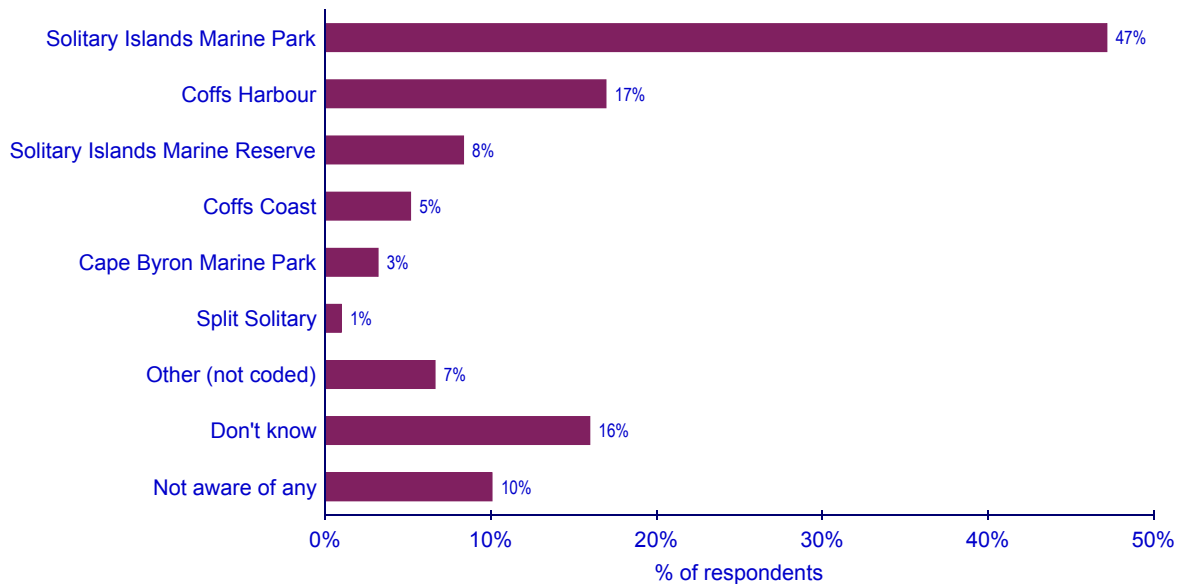
	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
An area established to conserve and protect the local marine environment	258 63%	59 61%	199 64%	52 74% ++	70 71% +	166 66%
An area restricted to the public or closed to fishing	145 36%	34 35%	111 36%	28 40%	42 42%	99 40% ++
A theme park on the water	16 4%	4 4%	12 4%	1 1%	1 1% -	7 3%
TOTAL OTHER	24 6%	6 6%	18 6%	4 6%	6 6%	13 5%
An area with marine life	10 2%	2 2%	8 3%	1 1%	1 1%	4 2%
Other (not coded)	7 2%	3 3%	4 1%	3 4% +	4 4% ++	5 2%
The ocean/Water area	6 1%	3 3%	3 1%	1 1%	2 2%	4 2%
A marina/ Area for boats	4 1%	0 0%	4 1%	0 0%	0 0%	2 1%
Don't know/ no understanding	29 7%	7 7%	22 7%	2 3%	3 3% -	12 5% --
No. of Respondents	407	97	310	70	99	250
No. of Responses	475	112	363	88	123	299
Mean No. of mentions	1.17	1.15	1.17	1.26	1.24	1.2
	100%	100%	100%	100%	100%	100%

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3.2 Awareness of Marine Parks in the Local Area

- 3.2.1 Those surveyed were then asked if they were aware of any marine parks around their local area and if so, if they could name them.
- 3.2.2 Almost half of the respondents (47%) could name the Solitary Islands Marine Park, with another 8% of respondents naming the adjacent Solitary Islands Marine Reserve (and the former name for the Solitary Islands Marine Park), and a further 22% knowing that a marine park was in the immediate area (i.e. Coffs Coast or Coffs Harbour) but unable to name it. This shows that 77% of respondents are aware of marine parks in their area.
- 3.2.3 Other places named were Cape Byron Marine Park (3%) and Split Solitary (1%).
- 3.2.4 However, one in ten respondents (10%) indicated that they were not aware of any marine park in their local area and a further 16% were unsure.

Q2. Are you aware of any marine parks around your local area? If yes, could you name them?



MTR (Ref:8353SI)

- 3.2.5 Those who named the Solitary Islands Marine Park were more likely to be:

- Those aged 31 to 39 (58%)
- Professionals/ executive (67%)
- Those in paid work (52%)
- Middle families (63%)
- Those with a gross household income of \$60,000 to \$79,999 (62%) and \$100,000 plus (65%) per annum
- Those residing in Coffs Harbour (57%)
- Those aware that Solitary Islands was a marine park (55%)
- Those engaged in fishing (62%), snorkelling/ diving (61%), boating (69%) and other beach activities (56%)

3.2.6 Those who named Coffs Harbour were more likely to be:

- Females (20%)
- Those aged 40 plus (19%)
- Retired people (24%)
- Those not in paid work (21%)
- Mature couples/ singles (22%)
- Those aware that Solitary Islands was a marine park (19%)
- Those not engaged in fishing (19%)

3.2.7 The incidence of naming the Solitary Islands Marine Reserve was higher amongst:

- Males (12%)
- Those aged 40 plus (10%)
- Mature couples/ singles (11%)
- Those living in Bellingen (23%)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008

Q2. Are you aware of any marine parks around your local area? If yes, could you name them?
Unprompted multiple response

	<u>GENDER</u>			<u>AGE GROUPS</u>						<u>ALL 18-39</u>	<u>ALL 40+</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>		
Solitary Islands Marine Park	192 47%	103 51%	89 43%	8 35%	10 43%	31 58% +	65 50%	32 54%	46 39% --	49 49%	143 46%
Coffs Harbour	69 17%	27 13% -	42 20% +	1 4%	5 22%	4 8% -	15 12% --	12 20%	32 27% +++	10 10% --	59 19% ++
Solitary Islands Marine Reserve	34 8%	24 12% +++	10 5% ---	1 4%	0 0%	2 4%	13 10%	5 8%	13 11%	3 3% --	31 10% ++
Coffs Coast	21 5%	8 4%	13 6%	2 9%	1 4%	4 8%	10 8%	1 2%	3 3%	7 7%	14 5%
Cape Byron Marine Park	13 3%	7 3%	6 3%	0 0%	0 0%	1 2%	7 5% +	5 8% ++	0 0%	1 1%	12 4%
Cook Island Aquatic Reserve	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Tweed-Morton Bioregion	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
TOTAL OTHER	30 7%	19 9%	11 5%	4 17%	2 9%	7 13% +	8 6%	2 3%	7 6%	13 13% ++	17 6% --
Other (not coded)	27 7% +	18 9% +	9 4% -	4 17%	2 9%	6 11%	7 5%	2 3%	6 5% ++	12 12% ++	15 5% --
Split Solitary	4 1%	2 1%	2 1%	0 0%	0 0%	2 4% ++	1 1%	0 0%	1 1%	2 2%	2 1%
Not aware of any	41 10%	14 7% --	27 13% ++	4 17%	4 17%	4 8%	11 8%	4 7%	14 12%	12 12%	29 9%
Not aware of any	41 10% --	14 7% --	27 13% ++	4 17%	4 17%	4 8%	11 8%	4 7%	14 12%	12 12%	29 9%
Don't know	65 16%	33 16%	32 16%	5 22%	3 13%	7 13%	23 18%	5 8% -	22 18%	15 15%	50 16%
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308
No. of Responses	466	236	230	25	25	61	152	66	137	111	355
Mean No. of mentions	1.14	1.17	1.12	1.09	1.09	1.15	1.17	1.12	1.15	1.12	1.15
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q2. Are you aware of any marine parks around your local area? If yes, could you name them?
Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	<u>Total</u>	<u>Prof/Exec</u>	<u>White Collar</u>	<u>Blue Collar</u>	<u>Home Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid work</u>	<u>Not in pd work</u>	<u>Single (<40)/ shared h'hold</u>	<u>Younger couple no kids</u>	<u>Young Family</u>	<u>Middle Family</u>	<u>Mature Family</u>	<u>Mature Couple/ Single</u>
Solitary Islands Marine Park	192 47%	38 67% +++	23 43%	42 48%	11 35%	62 45%	16 41%	103 52% +	89 43% -	3 21%	6 46%	14 40%	42 63% +++	40 53%	87 43% -
Coffs Harbour	69 17%	9 16%	6 11%	10 11%	7 23%	34 24% +++	3 8%	25 13% --	44 21% ++	0 0%	1 8%	7 20%	6 9% -	10 13%	45 22% +++
Solitary Islands Marine Reserve	34 8%	3 5%	4 8%	9 10%	2 6%	14 10%	2 5%	16 8%	18 9%	0 0%	0 0%	2 6%	3 4%	7 9%	22 11% +
Coffs Coast	21 5%	3 5%	6 11% ++	5 6%	2 6%	5 4%	0 0%	14 7% +	7 3% -	1 7%	3 23%	2 6%	4 6%	4 5%	7 3%
Cape Byron Marine Park	13 3%	2 4%	3 6%	3 3%	0 0%	4 3%	1 3%	8 4%	5 2%	0 0%	0 0%	1 3%	2 3%	3 4%	7 3%
Cook Island Aquatic Reserve	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%
Tweed-Morton Bioregion	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%
TOTAL OTHER	30 7%	3 5%	2 4%	10 11%	2 6%	8 6%	5 13%	15 8%	15 7%	3 21%	1 8%	6 17% ++	3 4%	6 8%	11 5%
Other (not coded)	27 7%	3 5%	2 4%	10 11% ++	0 0%	7 5%	5 13%	15 8%	12 6%	3 21%	1 8%	5 14% +	3 4%	5 7%	10 5%
Split Solitary	4 1%	0 0%	0 0%	1 1%	2 6% +++	1 1%	0 0%	1 1%	3 1%	1 7%	0 0%	1 3%	0 0%	1 1%	1 0%
Not aware of any	41 10%	2 4% -	5 9%	10 11%	5 16%	13 9%	6 15%	17 9%	24 11%	3 21%	1 8%	1 3%	6 9%	11 14%	19 9%
Not aware of any	41 10%	2 4% -	5 9%	10 11%	5 16%	13 9%	6 15%	17 9%	24 11%	3 21%	1 8%	1 3%	6 9%	11 14%	19 9%
Don't know	65 16%	5 9%	11 21%	14 16%	5 16%	22 16%	8 21%	30 15%	35 17%	4 29%	3 23%	7 20%	9 13%	9 12%	33 16%
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	466	65	60	104	34	162	41	229	237	15	15	40	75	90	231
Mean No. of mentions	1.14	1.14	1.13	1.18	1.1	1.17	1.05	1.16	1.13	1.07	1.15	1.14	1.12	1.18	1.14
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q2. Are you aware of any marine parks around your local area? If yes, could you name them?
Unprompted multiple response

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>				<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>		
	<u>Total</u>	<u>Under \$20,000</u>	<u>\$20,000 to \$39,999</u>	<u>\$40,000 to \$59,999</u>	<u>\$60,000 to \$79,999</u>	<u>\$80,000 to \$99,999</u>	<u>\$100,000 +</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
		<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>	<u>pa</u>
Solitary Islands Marine Park	192 47%	26 37%	39 37%	30 48%	33 62%	17 61%	20 65%	27 47%	118 57%	20 47%	54 34%	186 55%	0 0%	6 9%
		-	--		++		++		+++		---	+++		---
Coffs Harbour	69 17%	16 23%	20 19%	8 13%	3 6%	3 11%	4 13%	15 26%	34 17%	10 23%	25 16%	65 19%	1 20%	3 5%
					--			++				+++		---
Solitary Islands Marine Reserve	34 8%	8 11%	6 6%	4 6%	5 9%	6 21%	3 10%	2 4%	9 4%	10 23%	15 9%	31 9%	0 0%	3 5%
									---	+++				
Coffs Coast	21 5%	3 4%	5 5%	6 10%	3 6%	2 7%	1 3%	1 2%	11 5%	3 7%	7 4%	17 5%	0 0%	4 6%
				+										
Cape Byron Marine Park	13 3%	0 0%	3 3%	1 2%	3 6%	1 4%	2 6%	3 5%	4 2%	0 0%	9 6%	10 3%	0 0%	3 5%
											++			
Cook Island Aquatic Reserve	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%
Tweed-Morton Bioregion	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%
TOTAL OTHER	30 7%	7 10%	8 8%	1 2%	4 8%	3 11%	4 13%	3 5%	16 8%	4 9%	10 6%	23 7%	0 0%	7 11%
				-										
Other (not coded)	27 7%	7 10%	5 5%	1 2%	4 8%	3 11%	4 13%	3 5%	14 7%	4 9%	9 6%	21 6%	0 0%	6 9%
				-										
Split Solitary	4 1%	0 0%	3 3%	0 0%	1 2%	0 0%	0 0%	0 0%	3 1%	0 0%	1 1%	2 1%	0 0%	2 3%
			++									-		+
Not aware of any	41 10%	4 6%	16 15%	8 13%	3 6%	3 11%	1 3%	6 11%	8 4%	8 19%	25 16%	14 4%	3 60%	24 37%
			++						---	++	+++	---		+++
Not aware of any	41 10%	4 6%	16 15%	8 13%	3 6%	3 11%	1 3%	6 11%	8 4%	8 19%	25 16%	14 4%	3 60%	24 37%
			++						---	++	+++	---		+++
Don't know	65 16%	19 27%	18 17%	11 17%	6 11%	1 4%	3 10%	7 12%	29 14%	1 2%	35 22%	44 13%	1 20%	20 31%
		+++								---	+++	---		+++
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	466	83	115	69	61	36	38	64	230	56	180	390	5	71
Mean No. of mentions	1.14	1.19	1.1	1.1	1.15	1.29	1.23	1.12	1.12	1.3	1.14	1.16	1.	1.09
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q2. Are you aware of any marine parks around your local area? If yes, could you name them?
Unprompted multiple response

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Solitary Islands Marine Park	192 47%	60 62% +++	132 43% ---	43 61% +++	68 69% +++	140 56% +++
Coffs Harbour	69 17%	10 10% --	59 19% ++	7 10% -	13 13%	42 17%
Solitary Islands Marine Reserve	34 8%	8 8%	26 8%	4 6%	8 8%	20 8%
Coffs Coast	21 5%	7 7%	14 5%	5 7%	6 6%	13 5%
Cape Byron Marine Park	13 3%	5 5%	8 3%	2 3%	4 4%	7 3%
Cook Island Aquatic Reserve	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Tweed-Morton Bioregion	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
TOTAL OTHER	30 7%	12 12% ++	18 6% --	10 14% ++	12 12% ++	21 8%
Other (not coded)	27 7%	11 11% ++	16 5% --	9 13% ++	11 11% ++	19 8%
Split Solitary	4 1%	1 1%	3 1%	1 1%	2 2%	3 1%
Not aware of any	41 10%	4 4% --	37 12% ++	3 4% -	1 1% ---	15 6% ---
Not aware of any	41 10%	4 4% --	37 12% ++	3 4% -	1 1% ---	15 6% ---
Don't know	65 16%	10 10% -	55 18% +	8 11%	7 7% ---	30 12% ---
No. of Respondents	407	97	310	70	99	250
No. of Responses	466	116	350	82	120	289
Mean No. of mentions	1.14	1.2	1.13	1.17	1.21	1.16
	100%	100%	100%	100%	100%	100%

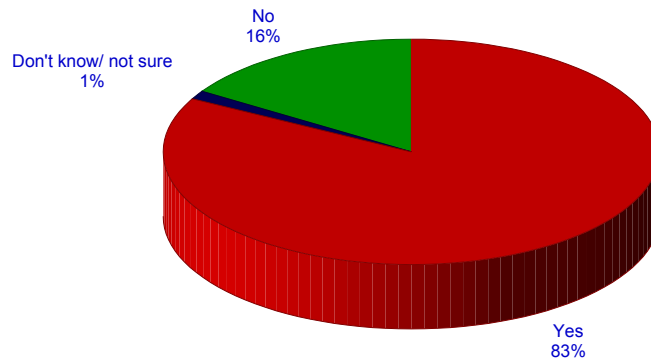
Prepared by McGregor Tan Research (Ref:8353SI)

3.3 *Awareness of Solitary Islands as a Marine Park*

3.3.1 Respondents were asked if, before the day of the interview, they were aware that the area around Solitary Islands was a marine park.

3.3.2 The majority (83%) of those surveyed indicated that they were aware of this. Just 16% mentioned they were not aware and a further 1% of respondents were unsure.

Q3. Before today, were you aware that the area around Solitary Islands was a marine park?



MTR (Ref:8353SI)

3.3.3 Those who were more likely to indicate that the area around Solitary Islands was a marine park were more likely to be:

- Males (87%)
- Retired people (88%)
- Those with a gross household income of \$100,000 plus per annum (97%)
- Those residing in Coffs Harbour (91%)
- Those involved in fishing (92%), boating (95%) and other beach activities (90%)

3.3.4

Conversely, those who were more likely to indicate that they were not aware that the area around Solitary Islands was a marine park were:

- Females (19%)
- Those residing in Clarence Valley (27%)
- Those not involved in fishing (18%)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q3. Before today, were you aware that the area around Solitary Islands was a marine park?

	<u>GENDER</u>			<u>AGE GROUPS</u>						<u>ALL</u> <u>18-39</u>	<u>ALL</u> <u>40+</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>		
Yes	337 83%	174 87% ++	163 79% --	16 70%	17 74%	45 85%	106 82%	51 86%	102 86%	78 79%	259 84%
Don't know/ not sure	5 1%	1 0%	4 2%	0 0%	1 4%	1 2%	1 1%	1 2%	1 1%	2 2%	3 1%
No	65 16%	26 13% -	39 19% +	7 30%	5 22%	7 13%	23 18%	7 12%	16 13%	19 19%	46 15%
No. of Respondents	407 100%	201 100%	206 100%	23 100%	23 100%	53 100%	130 100%	59 100%	119 100%	99 100%	308 100%

Q3. Before today, were you aware that the area around Solitary Islands was a marine park?

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	<u>Total</u>	<u>Prof/</u> <u>Exec</u>	<u>White</u> <u>Collar</u>	<u>Blue</u> <u>Collar</u>	<u>Home</u> <u>Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid</u> <u>work</u>	<u>Not in</u> <u>pd work</u>	<u>Single</u> <u>(<40)/</u> <u>shared</u> <u>h'hold</u>	<u>Younger</u> <u>couple</u> <u>no kids</u>	<u>Young</u> <u>Family</u>	<u>Middle</u> <u>Family</u>	<u>Mature</u> <u>Family</u>	<u>Mature</u> <u>Couple/</u> <u>Single</u>
Yes	337 83%	50 88%	45 85%	71 81%	20 65% --	122 88% +	29 74%	166 84%	171 82%	9 64%	10 77%	28 80%	59 88%	61 80%	170 84%
Don't know/ not sure	5 1%	0 0%	1 2%	1 1%	2 6% +++	1 1% +	0 0%	2 1%	3 1%	0 0%	0 0%	0 0%	2 3%	1 1%	2 1%
No	65 16%	7 12% ++	7 13%	16 18%	9 29% ++	16 12% -	10 26% +	30 15%	35 17%	5 36%	3 23%	7 20%	6 9%	14 18%	30 15%
No. of Respondents	407 100%	57 100%	53 100%	88 100%	31 100%	139 100%	39 100%	198 100%	209 100%	14 100%	13 100%	35 100%	67 100%	76 100%	202 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q3. Before today, were you aware that the area around Solitary Islands was a marine park?

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
Yes	337 83%	60 86%	82 78%	49 78%	44 83%	23 82%	30 97%	49 86%	188 91%	34 79%	115 73%	337 100%	0 0%	0 0%
Don't know/ not sure	5 1%	1 1%	1 1%	2 3%	0 0%	1 4%	0 0%	0 0%	2 1%	2 5%	1 1%	0 0%	5 100%	0 0%
No	65 16%	9 13%	22 21%	12 19%	9 17%	4 14%	1 3%	8 14%	16 8%	7 16%	42 27%	0 0%	0 0%	65 100%
No. of Respondents	407 100%	70 100%	105 100%	63 100%	53 100%	28 100%	31 100%	57 100%	206 100%	43 100%	158 100%	337 100%	5 100%	65 100%

Q3. Before today, were you aware that the area around Solitary Islands was a marine park?

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Yes	337 83%	89 92%	248 80%	62 89%	94 95%	226 90%
Don't know/ not sure	5 1%	0 0%	5 2%	0 0%	0 0%	2 1%
No	65 16%	8 8%	57 18%	8 11%	5 5%	22 9%
No. of Respondents	407 100%	97 100%	310 100%	70 100%	99 100%	250 100%

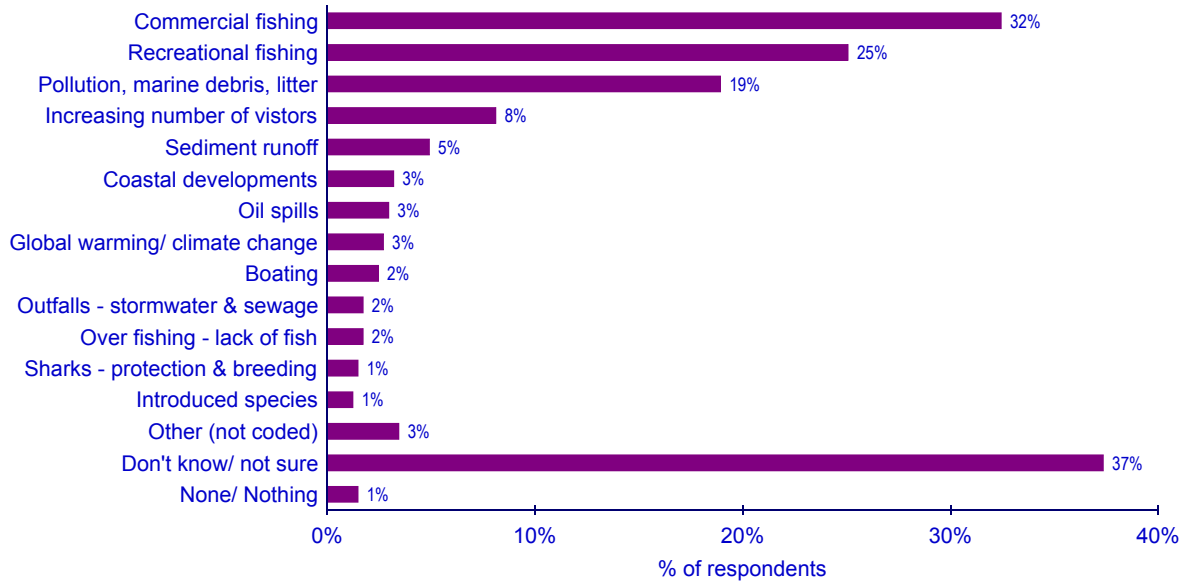
Prepared by McGregor Tan Research (Ref:8353SI)

3.4 Conservation of the Solitary Islands Marine Park

Awareness of Issues Affecting the Solitary Islands Marine Park

- 3.4.1 Respondents were asked, in their opinion, what were the main issues affecting the Solitary Islands Marine Park.
- 3.4.2 Almost two thirds (62%) of those surveyed mentioned issues that, in their opinion, affected the Solitary Islands Marine Parks. They named particularly commercial fishing (32%) and recreational fishing (25%) as the main issues affecting this marine park.
- 3.4.3 Other issues named were:
- Pollution, marine debris, litter (19%)
 - Increasing number of visitors (8%)
 - Sediment runoff (5%)
 - Coastal developments (3%)
 - Oil spills (3%)
 - Global warming/ climate change (3%)
 - Boating (2%)
 - Outfalls – stormwater and sewage (2%)
 - Over fishing – lack of fish (2%)
 - Sharks – protection and breeding (1%)
 - Introduced species (1%)
- 3.4.4 However, over one third (37%) of respondents were not sure about issues affecting the Solitary Islands Marine Park and a further 1% stated that no issue affect this place.

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.4.5 Those more likely to name commercial fishing as the main issue affecting the Solitary Islands Marine Park were:

- Those in paid work (38%)
- Those with a gross household income of \$100,000 plus (58%)
- Those involved in snorkelling/ diving (43%), boating (42%) and other beach activities (38%)

3.4.6 Those who mentioned recreational fishing were more likely to be:

- Professionals/ executives (37%)
- Blue collar workers (33%)
- Those in paid work (32%)
- Those aware that Solitary Island was a marine park (28%)
- Those with a gross household income of \$100,000 plus (39%)
- Those involved in boating (31%) and beach activities (29%)

- 3.4.7 Respondents who named pollution, marine debris and litter as a main issue affecting the Solitary Islands marine park were more likely to be:
- Females (27%)
 - Those aged 18 to 39 (25%)
 - Those engaged in home duties (35%)
 - Those not aware that Solitary Islands was a marine park (28%)

Level of Concern Towards Issues Affecting the Preservation of the Solitary Islands Marine Park

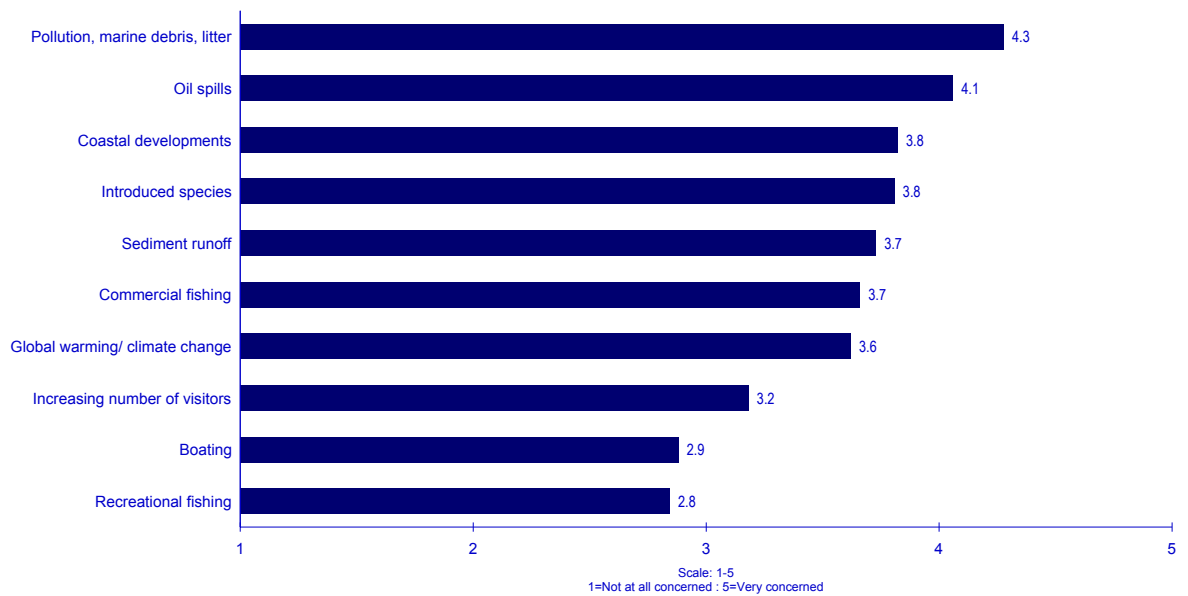
- 3.4.8 Those surveyed were then asked, using a scale of 1 to 5, where 5 is very concerned and 1 is not at all concerned, to rate their level of concern about different issues and their effects on the preservation of the Solitary Islands Marine Park.
- 3.4.9 It is generally considered that an average rating of 3.0 or less represents a mixed level of concern, 3.5 represents a relatively high level of concern, 4.0 a very high level of concern and 4.5 or above an extremely high level of concern.
- 3.4.10 Based on these parameters, there was a very high level of concern with the following issues:
- Pollution, marine debris, litter – average rating of 4.3 (57% were very concerned)
 - Oil spills – average rating of 4.1 (58% were very concerned)
- 3.4.11 There was a relatively high level of concern with the following issues:
- Coastal developments – average rating of 3.8 (37% were very concerned)
 - Introduced species – average rating of 3.8 (39% were very concerned)
 - Sediment runoff – average rating of 3.7 (34% were very concerned)

- Commercial fishing – average rating of 3.7 (36% were very concerned)
- Global warming/ climate change – average rating of 3.6 (34% were very concerned)

3.4.12 There were mixed levels of concern with the following issues:

- Increasing the number of visitors – average rating of 3.2 (20% were very concerned)
- Boating – average rating of 2.9 (14% were very concerned)
- Recreational fishing – average rating of 2.8 (14% were very concerned)

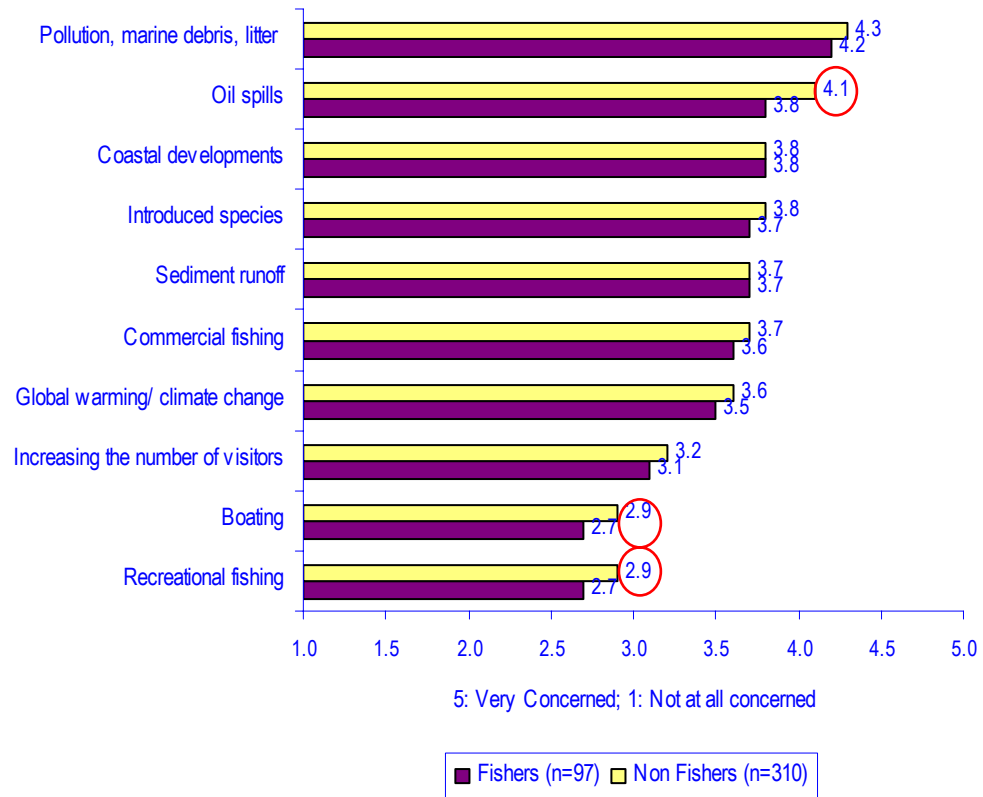
Q5. What is your level of concern about the following issues and their affects on the preservation of the Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.4.13 The graph overleaf shows these results separated in Fishers and Non Fishers and the main variances amongst the responses.

Q5. Using a scale of 1 to 5, where 5 is very concerned and 1 is not at all concerned, what is your level of concern about the following issues and their effects on the preservation of the Solitary Islands Marine Park?



Level of Support for Conserving The Solitary Islands Marine Park

3.4.14 Respondents were then asked how strongly they would describe their view of conserving the Solitary Islands Marine Park.

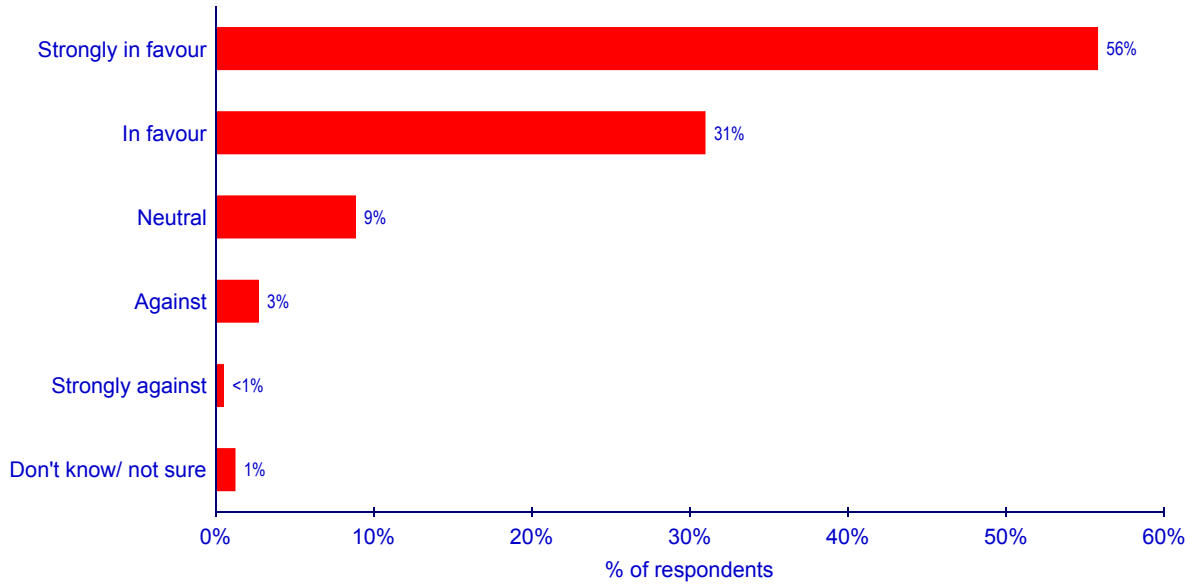
3.4.15 The overwhelming majority of respondents (87%) indicated that they were in favour, and just 3% stated they were against. A further 9% of respondents described their view as neutral.

3.4.16 The scaled responses to this question were as follows:

- Strongly in favour (56%)
- In favour (31%)
- Neutral (9%)

- Against (3%)
- Strongly against (0%)

Q6. Overall, how would you describe your view of conserving the Solitary Islands Marine Park?



MTR (Ref:8353SI)

- 3.4.17 Non Fishers (88%) were more likely than Fishers (82%) to be in favour of conserving the Solitary Islands Marine Park. Conversely, Fishers (8%) were more likely than Non Fishers (2%) to be against.
- 3.4.18 Females (91%), those earning \$40,000 to \$59,999 per annum (94%) and those living in Coffs Harbour (91%) were more likely to support the conservation of the Solitary Islands Marine Park.
- 3.4.19 Those against the conservation of the Solitary Islands Marine Park were more likely to be males (5%) and those involved in snorkelling/ diving (7%), boating (8%) and other beach activities (4%).
- 3.4.20 Males (11%), blue collar workers (18%), those in paid work (12%), those with a gross household income of \$20,000 to \$39,000 (13%) and \$60,000 to \$79,000 (15%) per annum and those from Bellingen (16%) were more likely to have a neutral view about the conservation of the Solitary Islands Marine Park.

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
**Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response**

	<u>GENDER</u>		<u>AGE GROUPS</u>							<u>ALL</u>	<u>ALL</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
Commercial fishing	132 32%	60 30%	72 35%	8 35%	9 39%	19 36%	49 38%	20 34%	27 23%	36 36%	96 31%
Recreational fishing	102 25%	50 25%	52 25%	8 35%	7 30%	14 26%	34 26%	18 31%	21 18%	29 29%	73 24%
Pollution, marine debris, litter	77 19%	29 14%	48 23%	9 39%	4 17%	12 23%	30 23%	5 8%	17 14%	25 25%	52 17%
Increasing number of vistors	33 8%	17 8%	16 8%	4 17%	3 13%	2 4%	11 8%	5 8%	8 7%	9 9%	24 8%
Sediment runoff	20 5%	11 5%	9 4%	2 9%	1 4%	3 6%	4 3%	5 8%	5 4%	6 6%	14 5%
Coastal developments	13 3%	7 3%	6 3%	0 0%	1 4%	3 6%	4 3%	3 5%	2 2%	4 4%	9 3%
Oil spills	12 3%	6 3%	6 3%	0 0%	0 0%	1 2%	6 5%	1 2%	4 3%	1 1%	11 4%
Global warming/ climate change	11 3%	4 2%	7 3%	0 0%	0 0%	1 2%	4 3%	2 3%	4 3%	1 1%	10 3%
Boating	10 2%	3 1%	7 3%	0 0%	1 4%	0 0%	7 5%	0 0%	2 2%	1 1%	9 3%
Introduced species	5 1%	3 1%	2 1%	0 0%	1 4%	0 0%	3 2%	1 2%	0 0%	1 1%	4 1%
TOTAL OTHER	38 9%	22 11%	16 8%	0 0%	1 4%	4 8%	17 13%	7 12%	9 8%	5 5%	33 11%
Other (not coded)	14 3%	6 3%	8 4%	0 0%	1 4%	0 0%	6 5%	4 7%	3 3%	1 1%	13 4%
Outfalls- stormwater & sewage	7 2%	3 1%	4 2%	0 0%	0 0%	1 2%	3 2%	1 2%	2 2%	1 1%	6 2%
Over fishing- lack of fish	7 2%	4 2%	3 1%	0 0%	0 0%	2 4%	2 2%	1 2%	2 2%	2 2%	5 2%
Sharks - protection & breeding	6 1%	5 2%	1 0%	0 0%	0 0%	0 0%	3 2%	1 2%	2 2%	0 0%	6 2%

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>GENDER</u>		<u>AGE GROUPS</u>							<u>ALL</u>	<u>ALL</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
None/ Nothing	6 1%	5 2% +	1 0%	0 0%	0 0%	1 2%	4 3%	0 0%	1 1%	1 1%	5 2%
Don't know/ not sure	152 37%	74 37%	78 38%	6 26%	8 35%	19 36%	40 31%	22 37%	57 48% +++	33 33%	119 39%
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308
No. of Responses	607	287	320	37	36	78	210	89	157	151	456
Mean No. of mentions	1.49	1.43	1.55	1.61	1.57	1.47	1.62	1.51	1.32	1.53	1.48
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
Commercial fishing	132 32%	22 39%	21 40%	32 36%	12 39%	33 24% ---	12 31%	75 38% ++	57 27% --	5 36%	1 8%	14 40%	25 37%	26 34%	61 30%
Recreational fishing	102 25%	21 37% ++	13 25%	29 33% +	5 16%	24 17% ---	10 26%	63 32% +++	39 19% ---	4 29%	3 23%	8 23%	17 25%	24 32%	46 23%
Pollution, marine debris, litter	77 19%	13 23%	13 25%	12 14%	11 35% ++	19 14% -	9 23%	38 19%	39 19%	4 29%	2 15%	10 29%	16 24%	12 16%	33 16%
Increasing number of visitors	33 8%	0 0%	6 11%	9 10%	4 13%	8 6% +	6 15% +	15 8%	18 9%	2 14%	2 15%	3 9%	4 6%	9 12%	13 6%
Sediment runoff	20 5%	4 7%	0 0%	4 5%	1 3%	7 5%	4 10%	8 4%	12 6%	2 14%	2 15%	0 0%	3 4%	5 7%	8 4%
Coastal developments	13 3%	3 5%	3 6%	2 2%	1 3%	3 2%	1 3%	8 4%	5 2%	1 7%	1 8%	1 3%	1 1%	3 4%	6 3%
Oil spills	12 3%	1 2%	4 8% ++	4 5%	1 3%	2 1%	0 0%	9 5% +	3 1% -	0 0%	0 0%	1 3%	4 6%	1 1%	6 3%
Global warming/ climate change	11 3%	4 7% ++	0 0%	2 2%	0 0%	4 3%	1 3%	6 3%	5 2%	0 0%	0 0%	0 0%	5 7% +++	0 0%	6 3%
Boating	10 2%	4 7% ++	1 2%	2 2%	1 3%	2 1%	0 0%	7 4%	3 1%	0 0%	0 0%	0 0%	2 3%	3 4%	5 2%
Introduced species	5 1%	1 2%	0 0%	2 2%	1 3%	0 0%	1 3%	3 2%	2 1%	0 0%	0 0%	2 6% ++	0 0%	0 0%	3 1%
TOTAL OTHER	38 9%	7 12%	3 6%	9 10%	2 6%	15 11%	2 5%	19 10%	19 9%	1 7%	0 0%	1 3%	9 13%	10 13%	17 8%
Other (not coded)	14 3%	5 9% ++	1 2%	0 0%	1 3%	5 4%	2 5%	6 3%	8 4%	0 0%	0 0%	1 3%	1 1%	6 8% ++	6 3%
Outfalls- stormwater & sewage	7 2%	0 0%	1 2%	3 3%	0 0%	3 2%	0 0%	4 2%	3 1%	1 7%	0 0%	0 0%	1 1%	1 1%	4 2%
Over fishing- lack of fish	7 2%	1 2%	1 2%	0 0%	1 3%	4 3%	0 0%	2 1%	5 2%	0 0%	0 0%	0 0%	3 4% +	0 0%	4 2%
Sharks - protection & breeding	6 1%	0 0%	0 0%	2 2%	0 0%	4 3% +	0 0%	2 1%	4 2%	0 0%	0 0%	0 0%	2 3%	0 0%	4 2%

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	<u>Total</u>	<u>Prof/Exec</u>	<u>White Collar</u>	<u>Blue Collar</u>	<u>Home Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid work</u>	<u>Not in pd work</u>	<u>Single (<40)/ shared h'hold</u>	<u>Younger couple no kids</u>	<u>Young Family</u>	<u>Middle Family</u>	<u>Mature Family</u>	<u>Mature Couple/ Single</u>
None/ Nothing	6 1%	1 2%	0 0%	4 5% +++	0 0%	1 1%	0 0%	5 3% +	1 0% -	0 0%	0 0%	0 0%	2 3%	3 4% ++	1 0%
Don't know/ not sure	152 37%	15 26% -	18 34%	30 34%	11 35%	63 45% ++	15 38%	63 32% --	89 43% ++	3 21%	6 46%	11 31%	20 30%	27 36%	85 42% +
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	607	95	82	137	50	182	61	314	293	22	17	51	106	120	291
Mean No. of mentions	1.49	1.67	1.55	1.56	1.61	1.31	1.56	1.59	1.4	1.57	1.31	1.46	1.58	1.58	1.44
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	Total	GROSS HOUSEHOLD INCOME						LOCATION					AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK	
		Under \$20,000 pa	\$20,000 to \$39,999 pa	\$40,000 to \$59,999 pa	\$60,000 to \$79,999 pa	\$80,000 to \$99,999 pa	\$100,000 + pa	Refused	Coffs Harbour	Bellingen	Clarence Valley	Yes	Don't know/ not sure	No
Commercial fishing	132 32%	18 26%	26 25%	21 33%	18 34%	12 43%	18 58%	19 33%	66 32%	18 42%	48 30%	115 34%	3 60%	14 22%
			-				+++							--
Recreational fishing	102 25%	15 21%	25 24%	13 21%	17 32%	9 32%	12 39%	11 19%	42 20%	16 37%	44 28%	95 28%	2 40%	5 8%
							+		--	+		+++		---
Pollution, marine debris, litter	77 19%	7 10%	25 24%	14 22%	10 19%	6 21%	6 19%	9 16%	41 20%	9 21%	27 17%	59 18%	0 0%	18 28%
		--												++
Increasing number of visitors	33 8%	6 9%	11 10%	6 10%	3 6%	5 18%	2 6%	0 0%	10 5%	3 7%	20 13%	26 8%	1 20%	6 9%
									--		+++			
Sediment runoff	20 5%	3 4%	4 4%	4 6%	2 4%	2 7%	2 6%	3 5%	9 4%	5 12%	6 4%	16 5%	0 0%	4 6%
											++			
Coastal developments	13 3%	1 1%	3 3%	2 3%	3 6%	1 4%	1 3%	2 4%	4 2%	1 2%	8 5%	12 4%	0 0%	1 2%
											+			
Oil spills	12 3%	0 0%	7 7%	2 3%	1 2%	1 4%	1 3%	0 0%	3 1%	1 2%	8 5%	7 2%	0 0%	5 8%
			+++						-		++	--		++
Global warming/ climate change	11 3%	3 4%	4 4%	0 0%	1 2%	2 7%	1 3%	0 0%	5 2%	2 5%	4 3%	9 3%	1 20%	1 2%
Boating	10 2%	0 0%	4 4%	1 2%	2 4%	1 4%	1 3%	1 2%	3 1%	3 7%	4 3%	8 2%	0 0%	2 3%
										++				
Introduced species	5 1%	1 1%	2 2%	1 2%	0 0%	0 0%	1 3%	0 0%	3 1%	0 0%	2 1%	5 1%	0 0%	0 0%
TOTAL OTHER	38 9%	3 4%	9 9%	8 13%	5 9%	3 11%	4 13%	6 11%	20 10%	7 16% +	11 7%	36 11% ++	1 20%	1 2% --
Other (not coded)	14 3%	1 1%	2 2%	4 6%	1 2%	0 0%	4 13%	2 4%	5 2%	5 12%	4 3%	12 4%	1 20%	1 2%
							+++			+++				
Outfalls- stormwater & sewage	7 2%	0 0%	3 3%	2 3%	1 2%	1 4%	0 0%	0 0%	3 1%	2 5%	2 1%	7 2%	0 0%	0 0%
Over fishing- lack of fish	7 2%	0 0%	2 2%	1 2%	1 2%	2 7%	0 0%	1 2%	5 2%	1 2%	1 1%	7 2%	0 0%	0 0%
Sharks - protection & breeding	6 1%	1 1%	1 1%	0 0%	2 4%	0 0%	0 0%	2 4%	2 1%	0 0%	4 3%	6 2%	0 0%	0 0%

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>				<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>		
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
None/ Nothing	6 1%	1 1%	2 2%	1 2%	1 2%	0 0%	0 0%	1 2%	6 3% ++	0 0%	0 0%	6 2%	0 0%	0 0%
Don't know/ not sure	152 37%	37 53% +++	41 39%	23 37%	18 34%	7 25%	4 13% ---	22 39%	76 37%	13 30%	63 40%	117 35% --	2 40%	33 51% ++
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	607	94	162	95	81	49	53	73	283	79	245	507	10	90
Mean No. of mentions	1.49 100%	1.34 100%	1.54 100%	1.51 100%	1.53 100%	1.75 100%	1.71 100%	1.28 100%	1.37 100%	1.84 100%	1.55 100%	1.5 100%	2. 100%	1.38 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Commercial fishing	132 32%	32 33%	100 32%	30 43% ++	42 42% ++	95 38% +++
Recreational fishing	102 25%	21 22%	81 26%	20 29%	31 31% +	73 29% ++
Pollution, marine debris, litter	77 19%	19 20%	58 19%	17 24%	20 20%	52 21%
Increasing number of vistors	33 8%	5 5%	28 9%	7 10%	6 6%	20 8%
Sediment runoff	20 5%	3 3%	17 5%	3 4%	3 3%	10 4%
Coastal developments	13 3%	5 5%	8 3%	6 9% +++	4 4%	12 5% ++
Oil spills	12 3%	2 2%	10 3%	2 3%	2 2%	6 2%
Global warming/ climate change	11 3%	3 3%	8 3%	3 4%	3 3%	7 3%
Boating	10 2%	2 2%	8 3%	2 3%	2 2%	7 3%
Introduced species	5 1%	3 3% +	2 1% -	2 3%	3 3% +	5 2% +
TOTAL OTHER	38 9%	13 13%	25 8%	6 9%	12 12%	29 12% ++
Other (not coded)	14 3%	5 5%	9 3%	2 3%	5 5%	9 4%
Outfalls- stormwater & sewage	7 2%	0 0%	7 2%	1 1%	0 0%	5 2%
Over fishing- lack of fish	7 2%	2 2%	5 2%	2 3%	2 2%	6 2%
Sharks - protection & breeding	6 1%	2 2%	4 1%	1 1%	2 2%	5 2%

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
None/ Nothing	6 1%	4 4% ++	2 1% --	1 1%	3 3%	5 2%
Don't know/ not sure	152 37%	26 27% --	126 41% ++	16 23% ---	19 19% ---	70 28% ---
No. of Respondents	407	97	310	70	99	250
No. of Responses	607	134	473	115	147	387
Mean No. of mentions	1.49 100%	1.38 100%	1.53 100%	1.64 100%	1.48 100%	1.55 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008

Q5. Using a scale of 1 to 5, where 5 is very concerned and 1 is not at all concerned, what is your level of concern about the following issues and their affects on the preservation of the Solitary Islands Marine Park?

	<u>Total</u>	<u>Very concerned</u>	<u>4</u>	<u>3</u>	<u>2</u>	<u>Not at all concerned</u>	<u>Don't know</u>	<u>Mean</u>
Oil spills	407 100%	236 58%	52 13%	42 10%	34 8%	34 8%	9 2%	4.1
Pollution, marine debris, litter	407 100%	234 57%	89 22%	52 13%	17 4%	12 3%	3 1%	4.3
Introduced species	407 100%	160 39%	83 20%	61 15%	31 8%	36 9%	36 9%	3.8
Coastal developments	407 100%	150 37%	112 28%	79 19%	35 9%	24 6%	7 2%	3.8
Commercial fishing	407 100%	146 36%	85 21%	84 21%	44 11%	36 9%	12 3%	3.7
Global warming/ climate change	407 100%	140 34%	90 22%	74 18%	31 8%	50 12%	22 5%	3.6
Sediment runoff	407 100%	137 34%	102 25%	70 17%	43 11%	28 7%	27 7%	3.7
Increasing number of visitors	407 100%	82 20%	82 20%	101 25%	77 19%	49 12%	16 4%	3.2
Recreational fishing	407 100%	59 14%	72 18%	97 24%	88 22%	82 20%	9 2%	2.8
Boating	407 100%	56 14%	73 18%	106 26%	88 22%	72 18%	12 3%	2.9

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q6. Overall, how would you describe your view of conserving the Solitary Islands Marine Park?

	<u>GENDER</u>			<u>AGE GROUPS</u>						<u>ALL</u>	<u>ALL</u>
	<u>TOTAL</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
TOTAL IN FAVOUR	353 87%	166 83%	187 91%	21 91%	19 83%	45 85%	111 85%	54 92%	103 87%	85 86%	268 87%
		--	++								
Strongly in favour	227 56%	100 50%	127 62%	16 70%	12 52%	29 55%	65 50%	34 58%	71 60%	57 58%	170 55%
		--	++								
In favour	126 31%	66 33%	60 29%	5 22%	7 30%	16 30%	46 35%	20 34%	32 27%	28 28%	98 32%
Neutral	36 9%	23 11%	13 6%	2 9%	2 9%	7 13%	13 10%	3 5%	9 8%	11 11%	25 8%
		+	-								
TOTAL AGAINST	13 3%	10 5%	3 1%	0 0%	1 4%	1 2%	6 5%	2 3%	3 3%	2 2%	11 4%
		++	--								
Against	11 3%	8 4%	3 1%	0 0%	1 4%	1 2%	5 4%	1 2%	3 3%	2 2%	9 3%
Strongly against	2 0%	2 1%	0 0%	0 0%	0 0%	0 0%	1 1%	1 2%	0 0%	0 0%	2 1%
Don't know/ not sure	5 1%	2 1%	3 1%	0 0%	1 4%	0 0%	0 0%	0 0%	4 3%	1 1%	4 1%
									++		
No. of Respondents	407 100%	201 100%	206 100%	23 100%	23 100%	53 100%	130 100%	59 100%	119 100%	99 100%	308 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q6. Overall, how would you describe your view of conserving the Solitary Islands Marine Park?

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	<u>TOTAL</u>	<u>Prof/Exec</u>	<u>White Collar</u>	<u>Blue Collar</u>	<u>Home Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid work</u>	<u>Not in pd work</u>	<u>Single (<40)/ shared h'hold</u>	<u>Younger couple no kids</u>	<u>Young Family</u>	<u>Middle Family</u>	<u>Mature Family</u>	<u>Mature Couple/ Single</u>
TOTAL IN FAVOUR	353 87%	53 93%	48 91%	68 77%	29 94%	120 86%	35 90%	169 85%	184 88%	9 64%	10 77%	31 89%	60 90%	66 87%	177 88%
Strongly in favour	227 56%	32 56%	29 55%	43 49%	17 55%	85 61%	21 54%	104 53%	123 59%	8 57%	6 46%	22 63%	37 55%	41 54%	113 56%
In favour	126 31%	21 37%	19 36%	25 28%	12 39%	35 25%	14 36%	65 33%	61 29%	1 7%	4 31%	9 26%	23 34%	25 33%	64 32%
Neutral	36 9%	3 5%	4 8%	16 18% +++	1 3%	10 7%	2 5%	23 12% +	13 6% -	4 29%	3 23%	3 9%	6 9%	7 9%	13 6% -
TOTAL AGAINST	13 3%	1 2%	1 2%	3 3%	1 3%	5 4%	2 5%	5 3%	8 4%	1 7%	0 0%	0 0%	1 1%	3 4%	8 4%
Against	11 3%	1 2%	1 2%	3 3%	1 3%	4 3%	1 3%	5 3%	6 3%	1 7%	0 0%	0 0%	1 1%	3 4%	6 3%
Strongly against	2 0%	0 0%	0 0%	0 0%	0 0%	1 1%	1 3% +	0 0%	2 1%	0 0%	0 0%	0 0%	0 0%	0 0%	2 1%
Don't know/ not sure	5 1%	0 0%	0 0%	1 1%	0 0%	4 3% ++	0 0%	1 1%	4 2%	0 0%	0 0%	1 3%	0 0%	0 0%	4 2%
No. of Respondents	407 100%	57 100%	53 100%	88 100%	31 100%	139 100%	39 100%	198 100%	209 100%	14 100%	13 100%	35 100%	67 100%	76 100%	202 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q6. Overall, how would you describe your view of conserving the Solitary Islands Marine Park?

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>TOTAL</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	
													<u>sure</u>	<u>No</u>
TOTAL IN FAVOUR	353 87%	64 91%	86 82%	59 94%	43 81%	26 93%	26 84%	49 86%	187 91%	34 79%	132 84%	296 88%	5 100%	52 80%
			-	+					++					-
Strongly in favour	227 56%	44 63%	56 53%	31 49%	30 57%	17 61%	20 65%	29 51%	126 61%	24 56%	77 49%	197 58%	3 60%	27 42%
									++		--	++		--
In favour	126 31%	20 29%	30 29%	28 44%	13 25%	9 32%	6 19%	20 35%	61 30%	10 23%	55 35%	99 29%	2 40%	25 38%
				++										
Neutral	36 9%	2 3%	14 13%	3 5%	8 15%	1 4%	4 13%	4 7%	13 6%	7 16%	16 10%	28 8%	0 0%	8 12%
		-	+		+				-	+				
TOTAL AGAINST	13 3%	2 3%	3 3%	1 2%	2 4%	1 4%	1 3%	3 5%	5 2%	1 2%	7 4%	11 3%	0 0%	2 3%
Against	11 3%	2 3%	2 2%	1 2%	2 4%	1 4%	1 3%	2 4%	5 2%	1 2%	5 3%	10 3%	0 0%	1 2%
Strongly against	2 0%	0 0%	1 1%	0 0%	0 0%	0 0%	0 0%	1 2%	0 0%	0 0%	2 1%	1 0%	0 0%	1 2%
											+			
Don't know/ not sure	5 1%	2 3%	2 2%	0 0%	0 0%	0 0%	0 0%	1 2%	1 0%	1 2%	3 2%	2 1%	0 0%	3 5%
												--		+++
No. of Respondents	407 100%	70 100%	105 100%	63 100%	53 100%	28 100%	31 100%	57 100%	206 100%	43 100%	158 100%	337 100%	5 100%	65 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q6. Overall, how would you describe your view of conserving the Solitary Islands Marine Park?
ACTIVITIES

	<u>TOTAL</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
TOTAL IN FAVOUR	353 87%	80 82%	273 88%	62 89%	86 87%	218 87%
Strongly in favour	227 56%	52 54%	175 56%	42 60%	57 58%	149 60% ++
In favour	126 31%	28 29%	98 32%	20 29%	29 29%	69 28% -
Neutral	36 9%	9 9%	27 9%	3 4%	5 5%	21 8%
TOTAL AGAINST	13 3%	8 8% +++	5 2% ---	5 7% ++	8 8% +++	11 4% +
Against	11 3%	7 7% +++	4 1% ---	4 6% +	7 7% +++	10 4% ++
Strongly against	2 0%	1 1%	1 0%	1 1%	1 1%	1 0%
Don't know/ not sure	5 1%	0 0%	5 2%	0 0%	0 0%	0 0%
No. of Respondents	407 100%	97 100%	310 100%	70 100%	99 100%	250 100%

Prepared by McGregor Tan Research (Ref:8353SI)

3.5 *Protecting the Solitary Island Marine Park*

Reasons for Protecting the Solitary Islands Marine Park

3.5.1 Those surveyed were then asked, in their opinion, what are the main reasons for protecting the Solitary Islands Marine Park.

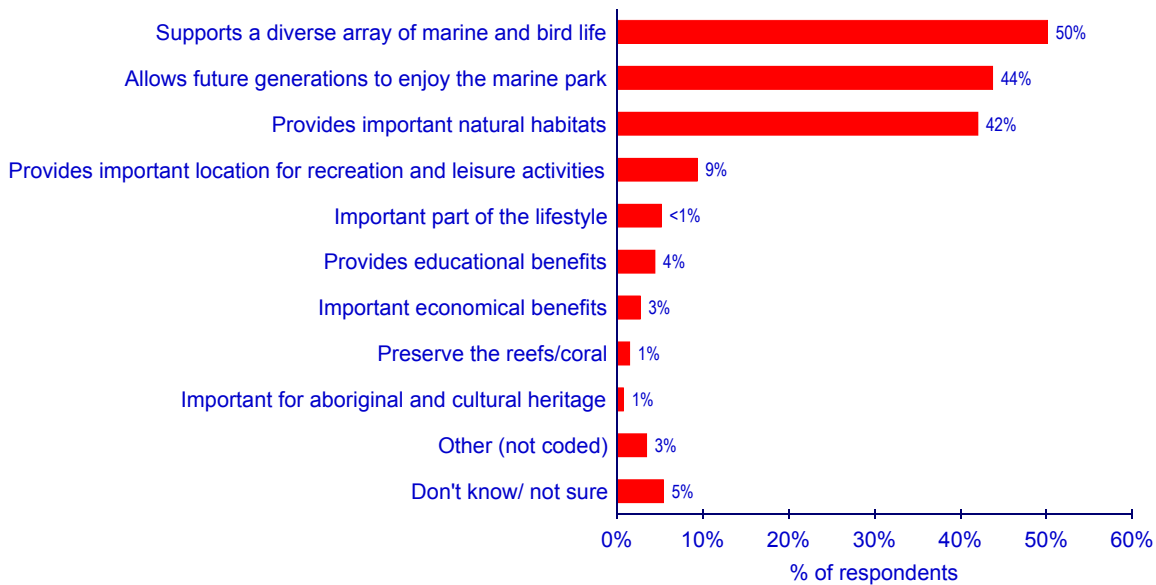
3.5.2 Almost all (95%) of those surveyed named reasons for protecting the Solitary Islands Marine Park; the three most named reasons were:

- Supports a diverse array of marine and bird life (50%)
- Allows future generations to enjoy the marine park (44%)
- Provides important natural habitats (42%)

3.5.3 Other reasons named by smaller proportions of respondents included:

- Provides important locations for recreation and leisure activities (9%)
- Important part of the lifestyle (5%)
- Provides educational benefits (4%)
- Important economical benefits (3%)
- Preserves the reefs/ coral (1%)
- Important for aboriginal and cultural heritage (1%)

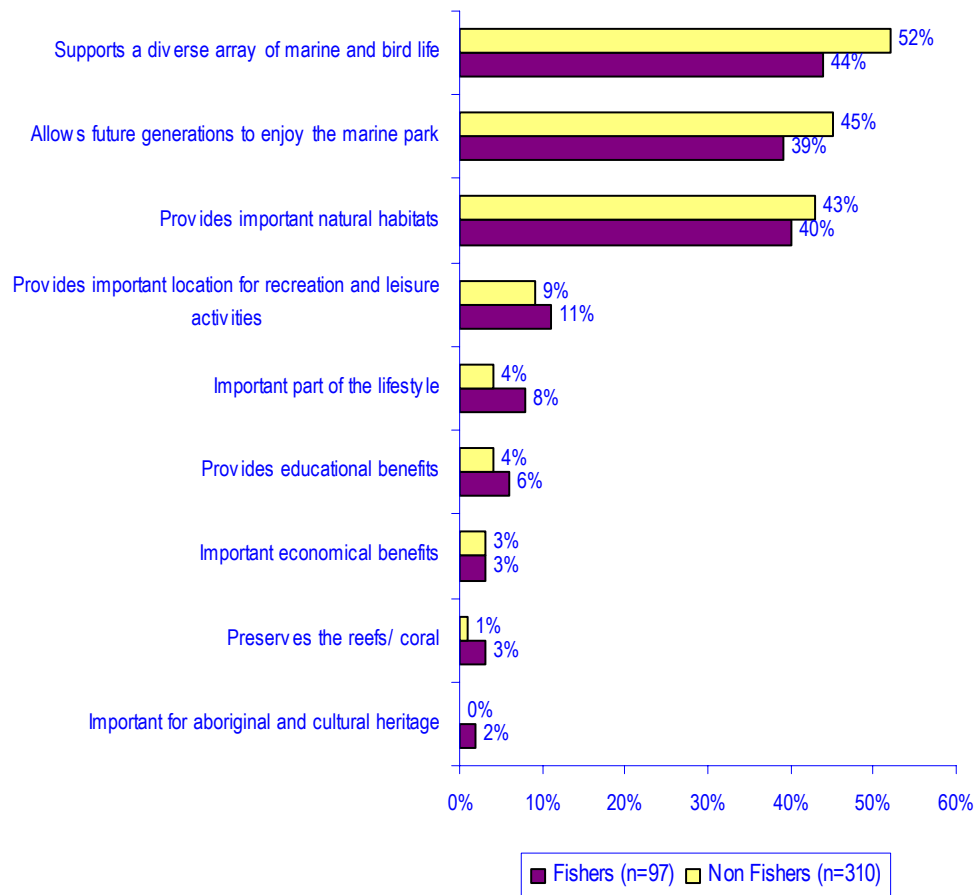
Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.5.4 Although these variances were not statistically significant, the following chart shows the responses amongst Fishers and Non Fishers.

Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?



3.5.5 Respondents who named the support of a diverse array of marine and bird life were more likely to be:

- Those with a gross household gross income of \$40,000 to \$59,999 (60%)
- Residents of the Bellingen (65%)

3.5.6 Respondents who named allowing for future generations to enjoy the marine park were more likely to be:

- Females (49%)
- Those aged 55 to 64 (54%)
- Respondents who named the provision of important natural habitats were more likely to be those with a gross household income of \$100,000 plus per annum (65%).

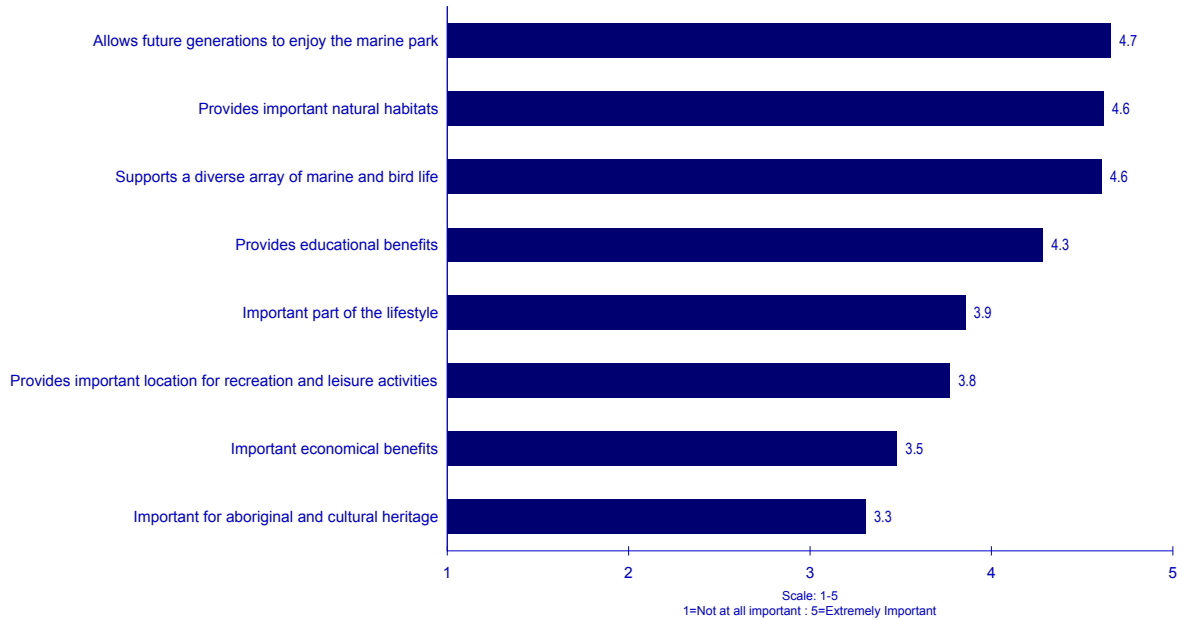
Importance of Reasons for Protecting the Solitary Islands Marine

Park

- 3.5.7 Those surveyed were then asked, using a scale of 1 to 5 where 5 is extremely important and 1 is not at all important, to rate the importance of a set of reasons for protecting the Solitary Island Marine Park.
- 3.5.8 It is generally considered that an average rating of 3.0 or less represents a mixed level of importance, 3.5 represents a relatively high level of importance, 4.0 a very high level of importance and 4.5 or above an extremely high level of importance.
- 3.5.9 Based on these parameters, respondents attributed an extremely high level of importance to the following reasons:
- Allows future generations to enjoy the marine park – average rating of 4.7 (73% considered extremely important)
 - Provides important natural habitats – average rating of 4.6 (71% considered extremely important)
 - Supports diverse array of marine and bird life – average rating of 4.6 (71% considered extremely important)
- 3.5.10 Respondents gave a very high level of importance to the reason “provides educational benefits” – average rating of 4.3 (52% considered extremely important)
- 3.5.11 The following reasons were given a relatively high level of importance:
- Important part of the lifestyle – average rating of 3.9 (35% considered extremely important)
 - Provides important location for leisure and recreational activities – average rating of 3.8 (35% considered extremely important)
 - Important economical benefits – average rating of 3.5 (24% considered extremely important)

3.5.12 Respondents gave a mixed level of importance to the reason “important for aboriginal and cultural heritage” – average rating of 3.3 (27% considered extremely important)

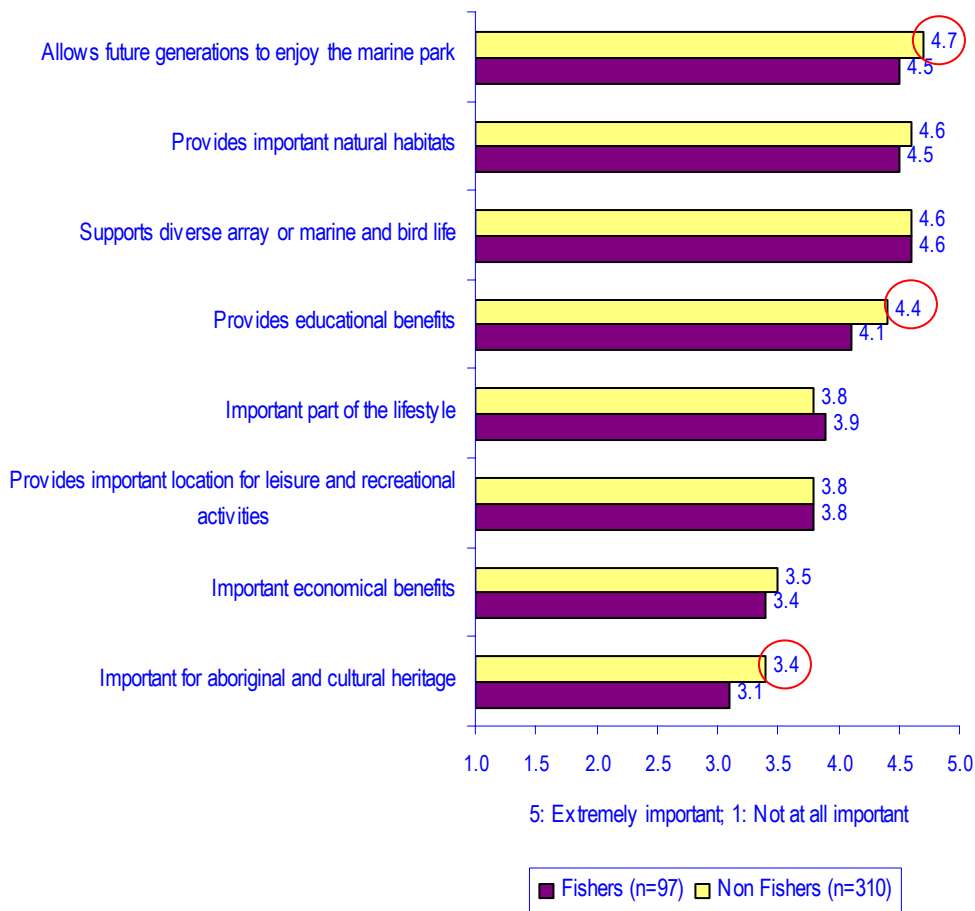
Q8. How important are the following reasons for protecting the Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.5.13 The next graph shows the main differences in the average ratings amongst Fishers and Non Fishers.

Q8. Using a scale of 1 to 5, where 1 is extremely important and 5 is not at all important, how important are the following reasons for protecting the Solitary Islands Marine Parks?



ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?
Unprompted multiple response

	Total	<u>GENDER</u>		<u>AGE GROUPS</u>						<u>ALL</u>	<u>ALL</u>
		MALE	FEMALE	18-24	25-30	31-39	40-54	55-64	65+	18-39	40+
Supports a diverse array of marine and bird life	204 50%	100 50%	104 50%	16 70%	7 30%	27 51%	66 51%	32 54%	56 47%	50 51%	154 50%
Allows future generations to enjoy the marine park	178 44%	78 39%	100 49%	10 43%	12 52%	26 49%	47 36%	32 54%	51 43%	48 48%	130 42%
Provides important natural habitats	171 42%	91 45%	80 39%	10 43%	10 43%	22 42%	57 44%	24 41%	48 40%	42 42%	129 42%
Provides important location for recreation and leisure activities	38 9%	18 9%	20 10%	2 9%	2 9%	3 6%	12 9%	6 10%	13 11%	7 7%	31 10%
Important part of the lifestyle	21 5%	11 5%	10 5%	0 0%	2 9%	2 4%	8 6%	3 5%	6 5%	4 4%	17 6%
Provides educational benefits	18 4%	8 4%	10 5%	2 9%	1 4%	2 4%	5 4%	4 7%	4 3%	5 5%	13 4%
Important economical benefits	11 3%	6 3%	5 2%	1 4%	0 0%	0 0%	6 5%	1 2%	3 3%	1 1%	10 3%
Important for aboriginal and cultural heritage	3 1%	2 1%	1 0%	1 4%	1 4%	0 0%	0 0%	1 2%	0 0%	2 2% +	1 0% -
TOTAL OTHER	20 5%	13 6%	7 3%	1 4%	2 9%	2 4%	7 5%	3 5%	5 4%	5 5%	15 5%
Other (not coded)	14 3%	8 4%	6 3%	1 4%	1 4%	1 2%	4 3%	2 3%	5 4%	3 3%	11 4%
Preserve the reefs/coral	6 1%	5 2% +	1 0% -	0 0%	1 4%	1 2%	3 2%	1 2%	0 0%	2 2%	4 1%
Don't know/ not sure	22 5%	12 6%	10 5%	0 0%	1 4%	1 2%	6 5%	1 2%	13 11% +++	2 2% -	20 6% +
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308
No. of Responses	686	339	347	43	38	85	214	107	199	166	520
Mean No. of mentions	1.69 100%	1.69 100%	1.68 100%	1.87 100%	1.65 100%	1.6 100%	1.65 100%	1.81 100%	1.67 100%	1.68 100%	1.69 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
Supports a diverse array of marine and bird life	204 50%	32 56%	26 49%	46 52%	13 42%	66 47%	21 54%	104 53%	100 48%	9 64%	7 54%	17 49%	31 46%	41 54%	99 49%
Allows future generations to enjoy the marine park	178 44%	23 40%	27 51%	34 39%	17 55%	63 45%	14 36%	84 42%	94 45%	4 29%	8 62%	17 49%	31 46%	26 34%	92 46%
Provides important natural habitats	171 42%	26 46%	22 42%	40 45%	8 26%	58 42%	17 44%	88 44%	83 40%	5 36%	6 46%	14 40%	32 48%	26 34%	88 44%
Provides important location for recreation and leisure activities	38 9%	4 7%	4 8%	8 9%	2 6%	18 13%	2 5%	16 8%	22 11%	1 7%	1 8%	1 3%	5 7%	10 13%	20 10%
Important part of the lifestyle	21 5%	2 4%	4 8%	4 5%	2 6%	8 6%	1 3%	10 5%	11 5%	0 0%	1 8%	2 6%	3 4%	3 4%	12 6%
Provides educational benefits	18 4%	2 4%	2 4%	7 8%	1 3%	5 4%	1 3%	11 6%	7 3%	0 0%	3 23%	1 3%	1 1%	3 4%	10 5%
Important economical benefits	11 3%	2 4%	3 6%	2 2%	1 3%	2 1%	1 3%	7 4%	4 2%	0 0%	0 0%	1 3%	2 3%	1 1%	7 3%
Important for aboriginal and cultural heritage	3 1%	2 4% +++	0 0%	0 0%	0 0%	0 0%	1 3%	2 1%	1 0%	0 0%	1 8%	1 3%	0 0%	1 1%	0 0%
TOTAL OTHER	20 5%	0 0%	3 6%	7 8%	0 0%	6 4%	4 10%	10 5%	10 5%	0 0%	1 8%	3 9%	1 1%	5 7%	10 5%
Other (not coded)	14 3%	0 0%	1 2%	4 5%	0 0%	6 4%	3 8%	5 3%	9 4%	0 0%	0 0%	1 3%	1 1%	4 5%	8 4%
Preserve the reefs/coral	6 1%	0 0%	2 4%	3 3% +	0 0%	0 0%	1 3%	5 3% +	1 0% -	0 0%	1 8% ++	2 6% ++	0 0%	1 1%	2 1%
Don't know/ not sure	22 5%	2 4%	1 2%	3 3%	2 6%	13 9% ++	1 3%	6 3% --	16 8% ++	1 7%	0 0%	1 3%	3 4%	3 4%	14 7%
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	686	95	92	151	46	239	63	338	348	20	28	58	109	119	352
Mean No. of mentions	1.69	1.67	1.74	1.72	1.48	1.72	1.62	1.71	1.67	1.43	2.15	1.66	1.63	1.57	1.74
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?
Unprompted multiple response

	Total	GROSS HOUSEHOLD INCOME						LOCATION				AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK		
		Under \$20,000 pa	\$20,000 to \$39,999 pa	\$40,000 to \$59,999 pa	\$60,000 to \$79,999 pa	\$80,000 to \$99,999 pa	\$100,000 + pa	Refused	Coffs Harbour	Bellingen	Clarence Valley	Yes	Don't know/ not sure	No
Supports a diverse array of marine and bird life	204 50%	33 47%	54 51%	38 60% +	26 49%	12 43%	16 52%	25 44%	96 47%	28 65% ++	80 51%	167 50%	3 60%	34 52%
Allows future generations to enjoy the marine park	178 44%	27 39%	49 47%	32 51%	23 43%	12 43%	12 39%	23 40%	90 44%	12 28% --	76 48%	151 45%	1 20%	26 40%
Provides important natural habitats	171 42%	28 40%	45 43%	27 43%	21 40%	11 39%	20 65% +++	19 33%	87 42%	19 44%	65 41%	146 43%	3 60%	22 34%
Provides important location for recreation and leisure activities	38 9%	3 4%	14 13%	4 6%	6 11%	3 11%	2 6%	6 11%	20 10%	2 5%	16 10%	33 10%	0 0%	5 8%
Important part of the lifestyle	21 5%	4 6%	6 6%	3 5%	2 4%	2 7%	1 3%	3 5%	8 4%	2 5%	11 7%	17 5%	0 0%	4 6%
Provides educational benefits	18 4%	3 4%	7 7%	2 3%	1 2%	2 7%	2 6%	1 2%	6 3%	2 5%	10 6%	15 4%	0 0%	3 5%
Important economical benefits	11 3%	0 0%	2 2%	0 0%	0 0%	4 14%	2 6%	3 5%	4 2%	1 2%	6 4%	9 3%	1 20%	1 2%
Important for aboriginal and cultural heritage	3 1%	1 1%	0 0%	0 0%	1 2%	1 4%	0 0%	0 0%	2 1%	0 0%	1 1%	2 1%	0 0%	1 2%
TOTAL OTHER	20 5%	3 4%	5 5%	3 5%	2 4%	1 4%	2 6%	4 7%	11 5%	2 5%	7 4%	18 5%	0 0%	2 3%
Other (not coded)	14 3%	3 4%	4 4%	3 5%	2 4%	0 0%	0 0%	2 4%	8 4%	1 2%	5 3%	12 4%	0 0%	2 3%
Preserve the reefs/coral	6 1%	0 0%	1 1%	0 0%	0 0%	1 4%	2 6% ++	2 4%	3 1%	1 2%	2 1%	6 2%	0 0%	0 0%
Don't know/ not sure	22 5%	7 10% +	5 5%	2 3%	3 6%	0 0%	0 0%	5 9%	10 5%	3 7%	9 6%	15 4%	1 20%	6 9%
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	686	109	187	111	85	48	57	89	334	71	281	573	9	104
Mean No. of mentions	1.69	1.56	1.78	1.76	1.6	1.71	1.84	1.56	1.62	1.65	1.78	1.7	1.8	1.6
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?
Unprompted multiple response

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Supports a diverse array of marine and bird life	204 50%	43 44%	161 52%	27 39%	46 46%	117 47%
Allows future generations to enjoy the marine park	178 44%	38 39%	140 45%	34 49%	41 41%	114 46%
Provides important natural habitats	171 42%	39 40%	132 43%	31 44%	40 40%	105 42%
Provides important location for recreation and leisure activities	38 9%	11 11%	27 9%	8 11%	11 11%	23 9%
Important part of the lifestyle	21 5%	8 8%	13 4%	5 7%	6 6%	13 5%
Provides educational benefits	18 4%	6 6%	12 4%	6 9%	4 4%	13 5%
Important economical benefits	11 3%	3 3%	8 3%	3 4%	2 2%	8 3%
Important for aboriginal and cultural heritage	3 1%	2 2%	1 0%	3 4%	1 1%	3 1%
TOTAL OTHER	20 5%	8 8%	12 4%	5 7%	10 10%	17 7%
Other (not coded)	14 3%	5 5%	9 3%	4 6%	5 5%	11 4%
Preserve the reefs/coral	6 1%	3 3%	3 1%	1 1%	5 5%	6 2%
Don't know/ not sure	22 5%	7 7%	15 5%	6 9%	5 5%	11 4%
No. of Respondents	407	97	310	70	99	250
No. of Responses	686	165	521	128	166	424
Mean No. of mentions	1.69	1.7	1.68	1.83	1.68	1.7
	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008

Q8. Using a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important are the following reasons for protecting the Solitary Islands Marine Park?

	<u>Total</u>	<u>Extremely important</u>	<u>4</u>	<u>3</u>	<u>2</u>	<u>Not at all important</u>	<u>Don't know</u>	<u>Mean</u>
Allows future generations to enjoy the marine park	407 100%	299 73%	77 19%	20 5%	4 1%	2 0%	5 1%	4.7
Provides important natural habitats	407 100%	291 71%	80 20%	25 6%	4 1%	3 1%	4 1%	4.6
Supports a diverse array of marine and bird life	407 100%	289 71%	86 21%	21 5%	5 1%	4 1%	2 0%	4.6
Provides educational benefits	407 100%	210 52%	131 32%	38 9%	11 3%	12 3%	5 1%	4.3
Important part of the lifestyle	407 100%	144 35%	129 32%	67 16%	31 8%	24 6%	12 3%	3.9
Provides important location for recreation and leisure activities	407 100%	143 35%	116 29%	77 19%	37 9%	28 7%	6 1%	3.8
Important for aboriginal and cultural heritage	407 100%	110 27%	77 19%	83 20%	46 11%	67 16%	24 6%	3.3
Important economical benefits	407 100%	96 24%	107 26%	111 27%	40 10%	36 9%	17 4%	3.5

Prepared by McGregor Tan Research (Ref:8353SI)

3.6 *Sanctuary Zones*

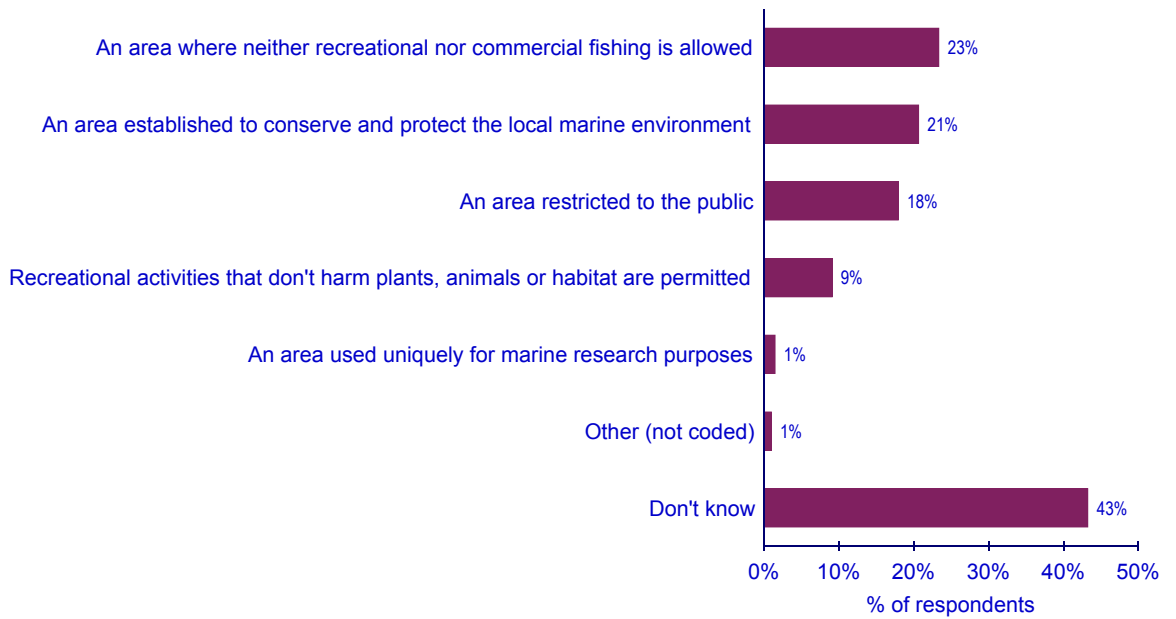
Awareness of What a Sanctuary Zone is

3.6.1 Those surveyed were then asked, in relation to the marine parks, if they were aware of what a sanctuary zone is.

3.6.2 Although the majority of respondents (43%) did not know what a sanctuary zone was, more than half (57%) were able to provide an answer, those being:

- An area where neither recreational nor commercial fishing is allowed (23%; Fishers - 33%, Non Fishers - 20%)
- An area established to conserve and protect the local marine environment (21%; Fishers - 26%, Non Fishers - 19%)
- An area restricted to the public (18%; Fishers - 28%, Non Fishers - 15%)
- Recreational activities that do not harm plants, animals or habitat are permitted (9%; Fishers - 7%, Non Fishers - 10%)
- An area used uniquely for marine research (1%; Fishers - 1%, Non Fishers - 3%)

Q9. In relation to marine parks, are you aware of what a sanctuary zone is?



MTR (Ref:8353SI)

- 3.6.3 Those who indicated that a sanctuary zone is an area where neither recreational nor commercial fishing is allowed were more likely to be males (29%), residents of Coffs Harbour (29%), those aware that Solitary Islands was a marine park (27%) and those involved in fishing (33%), boating (33%) and beach activities (30%).
- 3.6.4 Those who indicated that a sanctuary zone is an area established to conserve and protect the local marine environment were more likely to be those aware that Solitary Island was a marine park (22%) and those involved in snorkelling/ diving (29%) and boating (29%).
- 3.6.5 Those who indicated that a sanctuary zone is an area restricted to the public were more likely to be those aged 40 plus (20%), residents of Coffs Harbour (22%), those aware that Solitary Islands was a marine park (20%) and those involved in fishing (28%), snorkelling/ diving (29%), boating (24%) and other beach activities (21%).

Level of Support for the Sanctuary Zones in the Solitary Islands

Marine Park

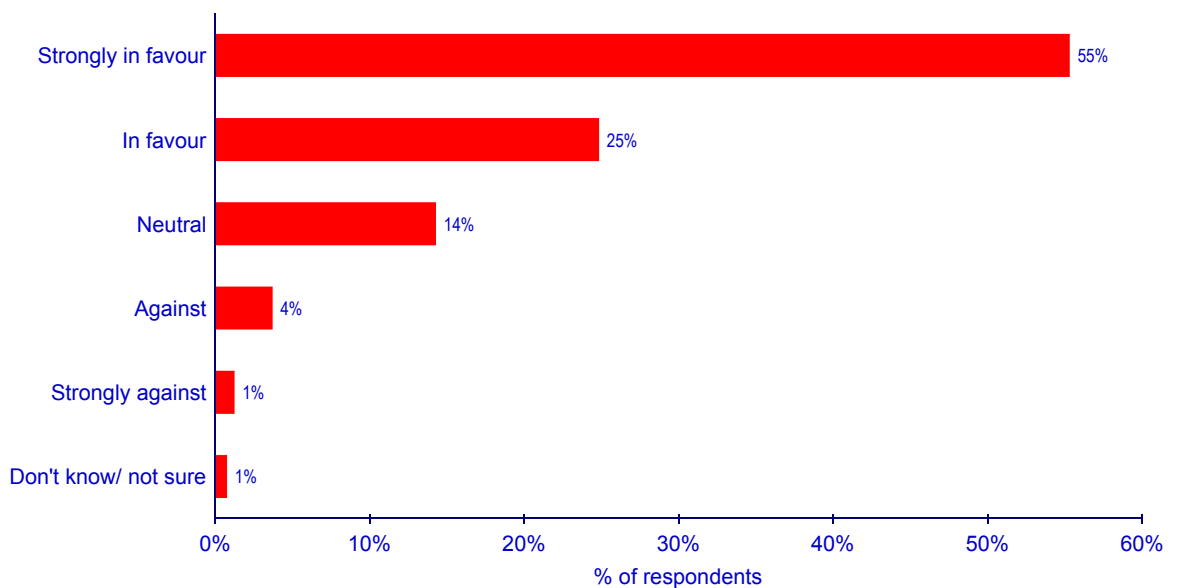
3.6.6 Those surveyed were then asked how strongly they supported the sanctuary zones in the Solitary Islands Marine Park.

3.6.7 Four in five respondents (80%) stated that they were in favour of the sanctuary zones in the Solitary Islands Marine Park, with only 5% stating they were against it. A further 14% mentioned they were neutral and just 1% were unsure.

3.6.8 The scaled responses to this question were as follows:

- Strongly in favour (55%)
- In favour (25%)
- Neutral (14%)
- Against (4%)
- Strongly against (1%)

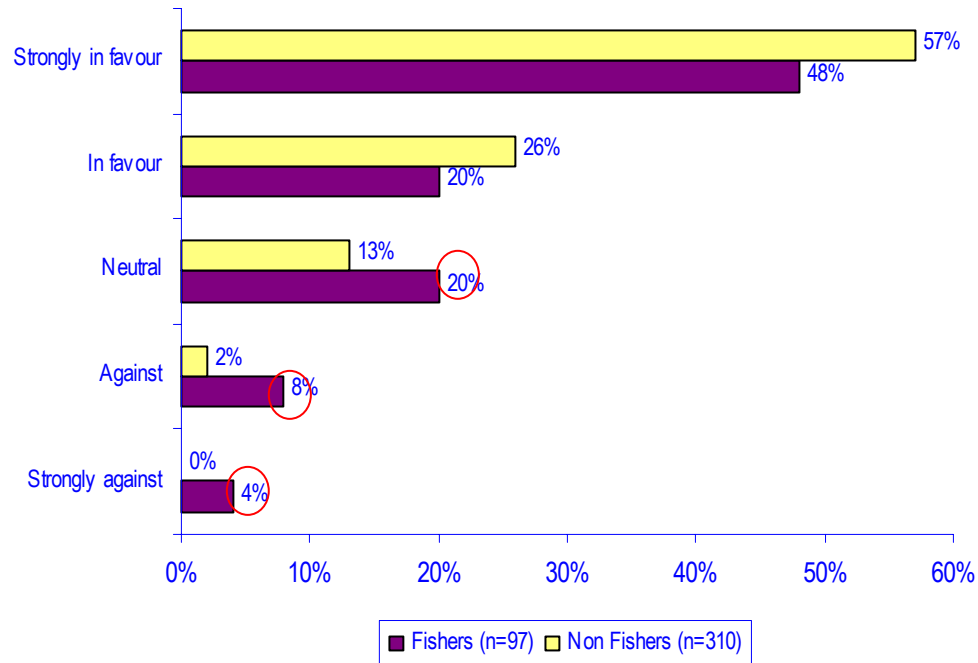
Q10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.6.9 The next graph shows the main variances to these responses amongst Fishers and Non Fishers.

Q10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?



3.6.10 Those who were more likely to be in favour of the sanctuary zones in the Solitary Islands Marine Park were:

- Females (88%)
- White collar workers (89%)
- Those not involved in fishing (84%)

3.6.11 Those who showed a neutral perspective about sanctuary zones were more likely to be males (19%) and those involved in fishing (20%)

3.6.12 Respondents who were more likely to be against of the sanctuary zones in the Solitary Islands Marine Park were more likely to be:

- Males (8%)
- Middle families (10%)
- Those involved in fishing (12%) and boating (10%)

Level of Support for the Sanctuary Zones in General

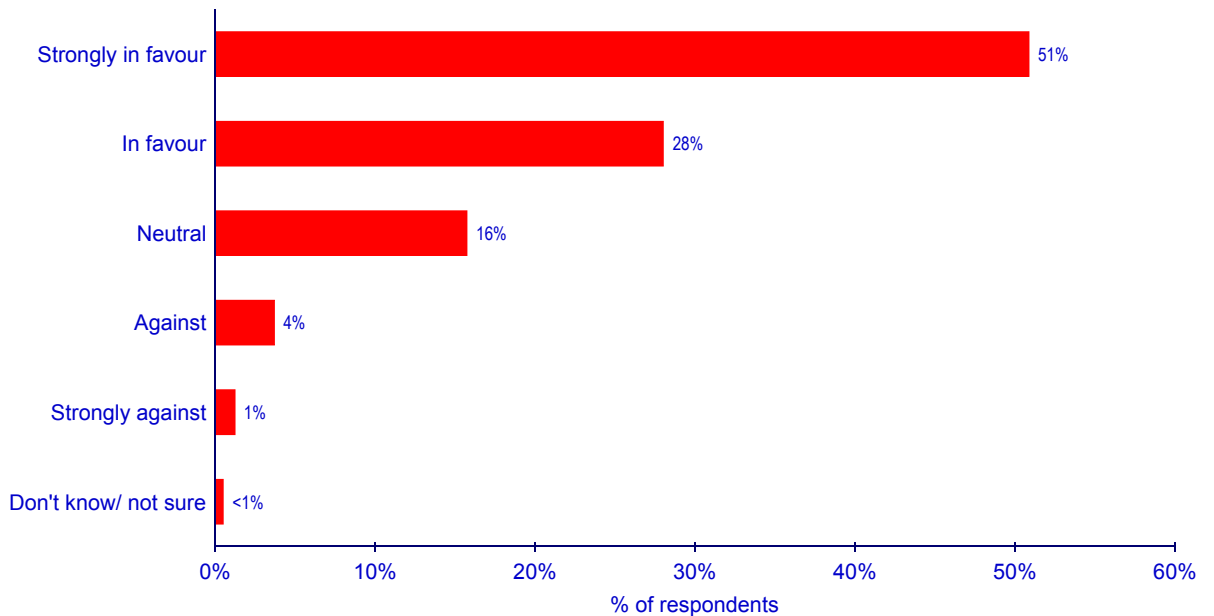
3.6.13 Respondents were then asked how strongly they supported sanctuary zones in general.

3.6.14 Four in five (79%) respondents were in favour of sanctuary zones in general, while only 5% were against. However, around one in six respondents (16%) were neutral.

3.6.15 The scaled responses to this question were as follows:

- Strongly in favour (51%)
- In favour (28%)
- Neutral (16%)
- Against (4%)
- Strongly against (1%)

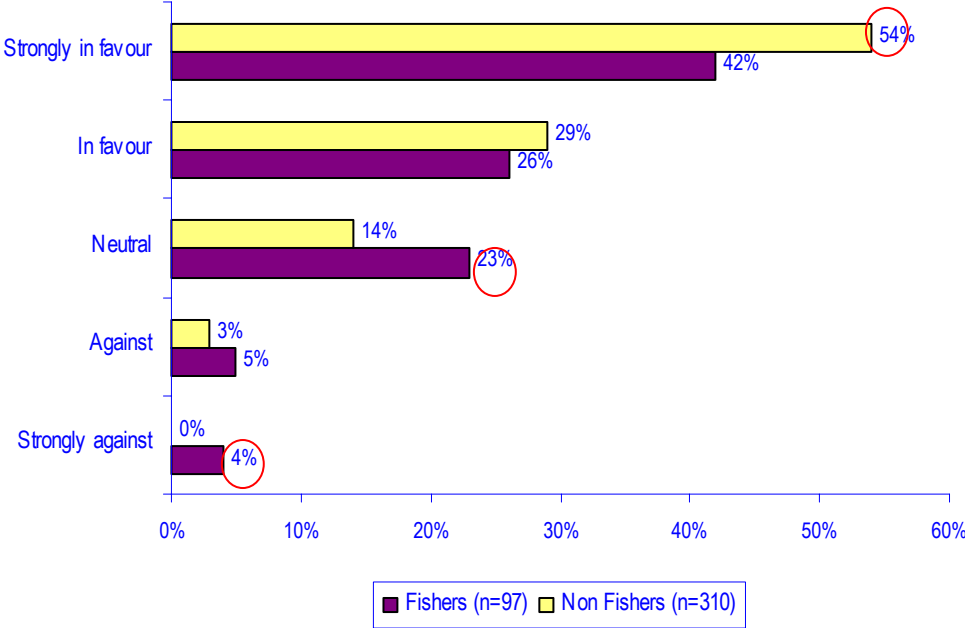
Q11. How strongly do you support sanctuary zones in general?



MTR (Ref:8353SI)

3.6.16 The main variances to these responses amongst Fishers and Non Fishers are shown in the graph overleaf.

Q11. How strongly do you support the sanctuary zones in general?



ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q9. In relation to marine parks, are you aware of what a sanctuary zone is?
Unprompted multiple response

	<u>GENDER</u>		<u>AGE GROUPS</u>							<u>ALL</u>	<u>ALL</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
An area where neither recreational nor commercial fishing is allowed	95 23%	59 29% +++	36 17% ---	6 26%	2 9%	16 30%	26 20%	18 31%	27 23%	24 24%	71 23%
An area established to conserve and protect the local marine environment	84 21%	38 19%	46 22%	3 13%	5 22%	7 13%	31 24%	10 17%	28 24%	15 15%	69 22%
An area restricted to the public	73 18%	34 17%	39 19%	2 9%	4 17%	6 11%	30 23% +	12 20%	19 16%	12 -	61 20% +
Recreational activities that don't harm plants, animals or habitat are permitted	37 9%	21 10%	16 8%	1 4%	2 9%	6 11%	12 9%	2 3% -	14 12%	9 9%	28 9%
An area used uniquely for marine research purposes	6 1%	5 2% +	1 0% -	0 0%	1 4%	0 0%	2 2%	1 2%	2 2%	1 1%	5 2%
Other (not coded)	4 1%	2 1%	2 1%	0 0%	0 0%	2 4% ++	2 2%	0 0%	0 0%	2 2%	2 1%
Don't know	176 43%	82 41%	94 46%	12 52%	12 52%	26 49%	53 41%	26 44%	47 39%	50 51% +	126 41% -
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308
No. of Responses	475	241	234	24	26	63	156	69	137	113	362
Mean No. of mentions	1.17	1.2	1.14	1.04	1.13	1.19	1.2	1.17	1.15	1.14	1.18
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q9. In relation to marine parks, are you aware of what a sanctuary zone is?
Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	<u>Total</u>	<u>Prof/Exec</u>	<u>White Collar</u>	<u>Blue Collar</u>	<u>Home Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid work</u>	<u>Not in pd work</u>	<u>Single (<40)/shared h'hold</u>	<u>Younger couple no kids</u>	<u>Young Family</u>	<u>Middle Family</u>	<u>Mature Family</u>	<u>Mature Couple/Single</u>
An area where neither recreational nor commercial fishing is allowed	95 23%	15 26%	8 15%	22 25%	4 13%	38 27%	8 21%	45 23%	50 24%	2 14%	3 23%	6 17%	18 27%	17 22%	49 24%
An area established to conserve and protect the local marine environment	84 21%	12 21%	9 17%	20 23%	6 19%	30 22%	7 18%	41 21%	43 21%	1 7%	2 15%	8 23%	16 24%	15 20%	42 21%
An area restricted to the public	73 18%	10 18%	8 15%	20 23%	3 10%	26 19%	6 15%	38 19%	35 17%	2 14%	2 15%	6 17%	12 18%	13 17%	38 19%
Recreational activities that don't harm plants, animals or habitat are permitted	37 9%	5 9%	4 8%	10 11%	3 10%	14 10%	1 3%	19 10%	18 9%	2 14%	2 15%	5 14%	6 9%	2 3%	20 10%
An area used uniquely for marine research purposes	6 1%	1 2%	0 0%	1 1%	0 0%	3 2%	1 3%	2 1%	4 2%	0 0%	0 0%	1 3%	1 1%	1 1%	3 1%
Other (not coded)	4 1%	0 0%	1 2%	2 2%	0 0%	1 1%	0 0%	3 2%	1 0%	0 0%	1 8%	1 3%	0 0%	0 0%	2 1%
Don't know	176 43%	24 42%	30 57% ++	32 36%	16 52%	54 39%	20 51%	86 43%	90 43%	8 57%	5 38%	17 49%	27 40%	35 46%	84 42%
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	475	67	60	107	32	166	43	234	241	15	15	44	80	83	238
Mean No. of mentions	1.17 100%	1.18 100%	1.13 100%	1.22 100%	1.03 100%	1.19 100%	1.1 100%	1.18 100%	1.15 100%	1.07 100%	1.15 100%	1.26 100%	1.19 100%	1.09 100%	1.18 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q9. In relation to marine parks, are you aware of what a sanctuary zone is?
Unprompted multiple response

	Total	GROSS HOUSEHOLD INCOME						LOCATION					AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK	
		Under \$20,000 pa	\$20,000 to \$39,999 pa	\$40,000 to \$59,999 pa	\$60,000 to \$79,999 pa	\$80,000 to \$99,999 pa	\$100,000 + pa	Refused	Coffs Harbour	Bellingen	Clarence Valley	Yes	Don't know/ not sure	No
An area where neither recreational nor commercial fishing is allowed	95 23%	17 24%	20 19%	18 29%	15 28%	5 18%	8 26%	12 21%	60 29% +++	11 26%	24 15% ---	90 27% +++	2 40%	3 5% ---
An area established to conserve and protect the local marine environment	84 21%	10 14%	26 25%	14 22%	9 17%	5 18%	6 19%	14 25%	47 23%	8 19%	29 18%	75 22% +	1 20%	8 12% -
An area restricted to the public	73 18%	12 17%	18 17%	13 21%	7 13%	6 21%	7 23%	10 18%	45 22% ++	8 19%	20 13% --	67 20% ++	0 0%	6 9% --
Recreational activities that don't harm plants, animals or habitat are permitted	37 9%	6 9%	13 12%	7 11%	2 4%	3 11%	5 16%	1 2% --	21 10%	5 12%	11 7%	31 9%	1 20%	5 8%
An area used uniquely for marine research purposes	6 1%	0 0%	3 3%	1 2%	1 2%	0 0%	0 0%	1 2%	3 1%	1 2%	2 1%	6 2%	0 0%	0 0%
Other (not coded)	4 1%	0 0%	0 0%	1 2%	1 2%	0 0%	0 0%	2 4% ++	2 1%	0 0%	2 1%	4 1%	0 0%	0 0%
Don't know	176 43%	29 41%	47 45%	24 38%	27 51%	13 46%	11 35%	25 44%	72 35% ---	19 44%	85 54% +++	131 39% ---	1 20%	44 68% +++
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	475	74	127	78	62	32	37	65	250	52	173	404	5	66
Mean No. of mentions	1.17	1.06	1.21	1.24	1.17	1.14	1.19	1.14	1.21	1.21	1.09	1.2	1.	1.02
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q9. In relation to marine parks, are you aware of what a sanctuary zone is?
Unprompted multiple response

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
An area where neither recreational nor commercial fishing is allowed	95 23%	32 33% ++	63 20% --	20 29%	33 33% +++	75 30% +++
An area established to conserve and protect the local marine environment	84 21%	25 26%	59 19%	20 29% +	29 29% ++	54 22%
An area restricted to the public	73 18%	27 28% +++	46 15% ---	20 29% ++	24 24% +	53 21% ++
Recreational activities that don't harm plants, animals or habitat are permitted	37 9%	7 7%	30 10%	6 9%	8 8%	24 10%
An area used uniquely for marine research purposes	6 1%	3 3%	3 1%	2 3%	2 2%	5 2%
Other (not coded)	4 1%	1 1%	3 1%	1 1%	0 0%	2 1%
Don't know	176 43%	30 31% ---	146 47% +++	23 33% -	27 27% ---	94 38% ---
No. of Respondents	407	97	310	70	99	250
No. of Responses	475	125	350	92	123	307
Mean No. of mentions	1.17	1.29	1.13	1.31	1.24	1.23
	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?

	<u>Total</u>	<u>GENDER</u>		<u>AGE GROUPS</u>						<u>ALL</u>	<u>ALL</u>
		<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
TOTAL IN FAVOUR	326 80%	144 72%	182 88%	23 100%	16 70%	42 79%	102 78%	49 83%	94 79%	81 82%	245 80%
		---	+++								
Strongly in favour	225 55%	97 48%	128 62%	17 74%	9 39%	31 58%	68 52%	38 64%	62 52%	57 58%	168 55%
		---	+++								
In favour	101 25%	47 23%	54 26%	6 26%	7 30%	11 21%	34 26%	11 19%	32 27%	24 24%	77 25%
Neutral	58 14%	38 19%	20 10%	0 0%	4 17%	7 13%	21 16%	9 15%	17 14%	11 11%	47 15%
		+++	---								
TOTAL AGAINST	20 5%	17 8%	3 1%	0 0%	3 13%	4 8%	6 5%	1 2%	6 5%	7 7%	13 4%
		+++	---								
Against	15 4%	13 6%	2 1%	0 0%	1 4%	4 8%	5 4%	0 0%	5 4%	5 5%	10 3%
		+++	---								
Strongly against	5 1%	4 2%	1 0%	0 0%	2 9%	0 0%	1 1%	1 2%	1 1%	2 2%	3 1%
Don't know/ not sure	3 1%	2 1%	1 0%	0 0%	0 0%	0 0%	1 1%	0 0%	2 2%	0 0%	3 1%
No. of Respondents	407 100%	201 100%	206 100%	23 100%	23 100%	53 100%	130 100%	59 100%	119 100%	99 100%	308 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
TOTAL IN FAVOUR	326 80%	45 79%	47 89% +	68 77%	27 87%	109 78%	30 77%	160 81%	166 79%	12 86%	11 85%	29 83%	53 79%	63 83%	158 78%
Strongly in favour	225 55%	33 58%	27 51%	44 50%	21 68%	77 55%	23 59%	104 53%	121 58%	10 71%	6 46%	20 57%	36 54%	48 63%	105 52%
In favour	101 25%	12 21%	20 38% ++	24 27%	6 19%	32 23%	7 18%	56 28%	45 22%	2 14%	5 38%	9 26%	17 25%	15 20%	53 26%
Neutral	58 14%	9 16%	4 8%	14 16%	3 10%	20 14%	8 21%	27 14%	31 15%	1 7%	2 15%	4 11%	7 10%	11 14%	33 16%
TOTAL AGAINST	20 5%	3 5%	1 2%	6 7%	1 3%	8 6%	1 3%	10 5%	10 5%	1 7%	0 0%	2 6%	7 10% ++	1 1%	9 4%
Against	15 4%	3 5%	1 2%	4 5%	1 3%	6 4%	0 0%	8 4%	7 3%	0 0%	0 0%	2 6%	5 7%	1 1%	7 3%
Strongly against	5 1%	0 0%	0 0%	2 2%	0 0%	2 1%	1 3%	2 1%	3 1%	1 7%	0 0%	0 0%	2 3%	0 0%	2 1%
Don't know/ not sure	3 1%	0 0%	1 2%	0 0%	0 0%	2 1%	0 0%	1 1%	2 1%	0 0%	0 0%	0 0%	0 0%	1 1%	2 1%
No. of Respondents	407 100%	57 100%	53 100%	88 100%	31 100%	139 100%	39 100%	198 100%	209 100%	14 100%	13 100%	35 100%	67 100%	76 100%	202 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	
														<u>sure</u>
TOTAL IN FAVOUR	326 80%	58 83%	84 80%	54 86%	40 75%	26 93%	24 77%	40 70%	168 82%	34 79%	124 78%	271 80%	4 80%	51 78%
								--						
Strongly in favour	225 55%	36 51%	56 53%	38 60%	28 53%	19 68%	19 61%	29 51%	133 65%	22 51%	70 44%	193 57%	2 40%	30 46%
									+++		---	+		
In favour	101 25%	22 31%	28 27%	16 25%	12 23%	7 25%	5 16%	11 19%	35 17%	12 28%	54 34%	78 23%	2 40%	21 32%
									---		+++	-		
Neutral	58 14%	9 13%	16 15%	7 11%	8 15%	1 4%	5 16%	12 21%	25 12%	8 19%	25 16%	45 13%	0 0%	13 20%
TOTAL AGAINST	20 5%	2 3%	4 4%	2 3%	5 9%	0 0%	2 6%	5 9%	12 6%	1 2%	7 4%	19 6%	1 20%	0 0%
Against	15 4%	2 3%	3 3%	2 3%	4 8%	0 0%	2 6%	2 4%	9 4%	1 2%	5 3%	14 4%	1 20%	0 0%
Strongly against	5 1%	0 0%	1 1%	0 0%	1 2%	0 0%	0 0%	3 5%	3 1%	0 0%	2 1%	5 1%	0 0%	0 0%
								+++						
Don't know/ not sure	3 1%	1 1%	1 1%	0 0%	0 0%	1 4%	0 0%	0 0%	1 0%	0 0%	2 1%	2 1%	0 0%	1 2%
No. of Respondents	407 100%	70 100%	105 100%	63 100%	53 100%	28 100%	31 100%	57 100%	206 100%	43 100%	158 100%	337 100%	5 100%	65 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?
ACTIVITIES

	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
TOTAL IN FAVOUR	326 80%	66 68% ---	260 84% +++	51 73% -	69 70% ---	197 79% ---
Strongly in favour	225 55%	47 48%	178 57%	40 57%	52 53%	146 58%
In favour	101 25%	19 20%	82 26%	11 16%	17 17%	51 20%
Neutral	58 14%	19 20% +	39 13% -	13 19%	19 19%	35 14%
TOTAL AGAINST	20 5%	12 12% +++	8 3% ---	6 9%	10 10% +++	17 7% ++
Against	15 4%	8 8% +++	7 2% ---	3 4%	6 6%	12 5%
Strongly against	5 1%	4 4% +++	1 0% ---	3 4% ++	4 4% +++	5 2% +
Don't know/ not sure	3 1%	0 0%	3 1%	0 0%	1 1%	1 0%
No. of Respondents	407 100%	97 100%	310 100%	70 100%	99 100%	250 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q11. How strongly do you support sanctuary zones in general?

	<u>GENDER</u>			<u>AGE GROUPS</u>						<u>ALL</u>	<u>ALL</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
TOTAL IN FAVOUR	321 79%	141 70%	180 87%	23 100%	16 70%	42 79%	99 76%	49 83%	92 77%	81 82%	240 78%
		---	+++								
Strongly in favour	207 51%	82 41%	125 61%	16 70%	10 43%	27 51%	60 46%	34 58%	60 50%	53 54%	154 50%
		---	+++								
In favour	114 28%	59 29%	55 27%	7 30%	6 26%	15 28%	39 30%	15 25%	32 27%	28 28%	86 28%
Neutral	64 16%	41 20%	23 11%	0 0%	5 22%	8 15%	25 19%	8 14%	18 15%	13 13%	51 17%
		++	--								
TOTAL AGAINST	20 5%	17 8%	3 1%	0 0%	2 9%	3 6%	6 5%	1 2%	8 7%	5 5%	15 5%
		+++	---								
Against	15 4%	13 6%	2 1%	0 0%	0 0%	3 6%	5 4%	0 0%	7 6%	3 3%	12 4%
		+++	---								
Strongly against	5 1%	4 2%	1 0%	0 0%	2 9%	0 0%	1 1%	1 2%	1 1%	2 2%	3 1%
Don't know/ not sure	2 0%	2 1%	0 0%	0 0%	0 0%	0 0%	0 0%	1 2%	1 1%	0 0%	2 1%
No. of Respondents	407 100%	201 100%	206 100%	23 100%	23 100%	53 100%	130 100%	59 100%	119 100%	99 100%	308 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q11. How strongly do you support sanctuary zones in general?

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
TOTAL IN FAVOUR	321 79%	46 81%	46 87%	64 73%	26 84%	107 77%	32 82%	156 79%	165 79%	12 86%	12 92%	29 83%	50 75%	66 87% +	152 75% -
Strongly in favour	207 51%	31 54%	27 51%	37 42%	18 58%	73 53%	21 54%	95 48%	112 54%	10 71%	4 31%	21 60%	31 46%	44 58%	97 48%
In favour	114 28%	15 26%	19 36%	27 31%	8 26%	34 24%	11 28%	61 31%	53 25%	2 14%	8 62%	8 23%	19 28%	22 29%	55 27%
Neutral	64 16%	9 16%	7 13%	15 17%	5 16%	22 16%	6 15%	31 16%	33 16%	1 7%	1 8%	4 11%	14 21%	9 12%	35 17%
TOTAL AGAINST	20 5%	2 4%	0 0%	9 10% +++	0 0%	8 6%	1 3%	11 6%	9 4%	1 7%	0 0%	2 6%	3 4%	1 1%	13 6%
Against	15 4%	2 4%	0 0%	7 8% ++	0 0%	6 4%	0 0%	9 5%	6 3%	0 0%	0 0%	2 6%	1 1%	1 1%	11 5% +
Strongly against	5 1%	0 0%	0 0%	2 2%	0 0%	2 1%	1 3%	2 1%	3 1%	1 7%	0 0%	0 0%	2 3%	0 0%	2 1%
Don't know/ not sure	2 0%	0 0%	0 0%	0 0%	0 0%	2 1% ++	0 0%	0 0%	2 1%	0 0%	0 0%	0 0%	0 0%	0 0%	2 1%
No. of Respondents	407 100%	57 100%	53 100%	88 100%	31 100%	139 100%	39 100%	198 100%	209 100%	14 100%	13 100%	35 100%	67 100%	76 100%	202 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q11. How strongly do you support sanctuary zones in general?

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
TOTAL IN FAVOUR	321 79%	56 80%	84 80%	52 83%	39 74%	24 86%	25 81%	41 72%	169 82%	35 81%	117 74%	268 80%	4 80%	49 75%
Strongly in favour	207 51%	36 51%	51 49%	33 52%	24 45%	19 68%	17 55%	27 47%	120 58% +++	24 56%	63 40% ---	178 53% +	2 40%	27 42%
In favour	114 28%	20 29%	33 31%	19 30%	15 28%	5 18%	8 26%	14 25%	49 24% -	11 26%	54 34% ++	90 27%	2 40%	22 34%
Neutral	64 16%	13 19%	13 12%	8 13%	9 17%	4 14%	6 19%	11 19%	25 12% --	6 14%	33 21% ++	49 15%	1 20%	14 22%
TOTAL AGAINST	20 5%	1 1%	7 7%	3 5%	5 9%	0 0%	0 0%	4 7%	12 6%	2 5%	6 4%	19 6%	0 0%	1 2%
Against	15 4%	1 1%	6 6%	3 5%	4 8%	0 0%	0 0%	1 2%	9 4%	2 5%	4 3%	14 4%	0 0%	1 2%
Strongly against	5 1%	0 0%	1 1%	0 0%	1 2%	0 0%	0 0%	3 5% +++	3 1%	0 0%	2 1%	5 1%	0 0%	0 0%
Don't know/ not sure	2 0%	0 0%	1 1%	0 0%	0 0%	0 0%	0 0%	1 2%	0 0%	0 0%	2 1% +	1 0%	0 0%	1 2%
No. of Respondents	407 100%	70 100%	105 100%	63 100%	53 100%	28 100%	31 100%	57 100%	206 100%	43 100%	158 100%	337 100%	5 100%	65 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q11. How strongly do you support sanctuary zones in general?

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
TOTAL IN FAVOUR	321 79%	66 68% ---	255 82% +++	53 76%	71 72% --	196 78%
Strongly in favour	207 51%	41 42% -	166 54% +	34 49%	45 45%	134 54%
In favour	114 28%	25 26%	89 29%	19 27%	26 26%	62 25% -
Neutral	64 16%	22 23% ++	42 14% --	10 14%	19 19%	38 15%
TOTAL AGAINST	20 5%	9 9% ++	11 4% --	7 10% ++	9 9% ++	16 6% +
Against	15 4%	5 5%	10 3%	4 6%	5 5%	11 4%
Strongly against	5 1%	4 4% +++	1 0% --	3 4% ++	4 4% +++	5 2% +
Don't know/ not sure	2 0%	0 0%	2 1%	0 0%	0 0%	0 0%
No. of Respondents	407 100%	97 100%	310 100%	70 100%	99 100%	250 100%

Prepared by McGregor Tan Research (Ref:8353SI)

3.7 *Benefits of Having Marine Parks in New South Wales*

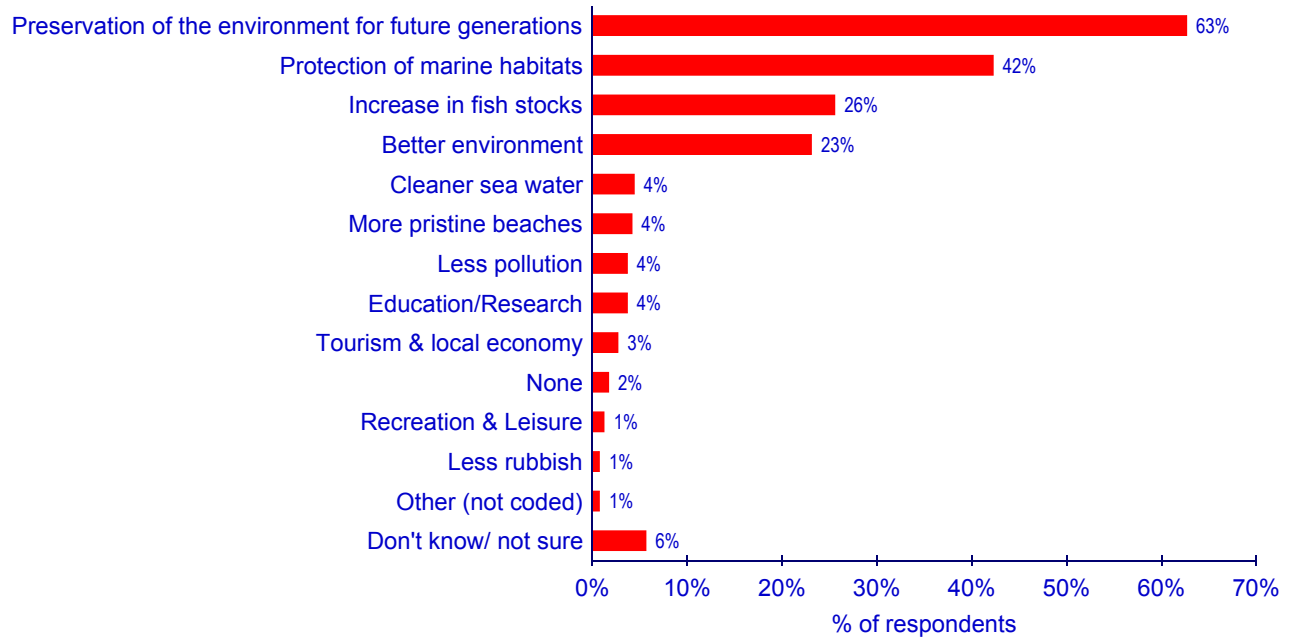
3.7.1 Those surveyed were asked what they thought were the benefits of having marine parks in new South Wales such as the Solitary Islands Marine Park.

3.7.2 Almost two thirds (63%) of the total number of respondents named the preservation of the environment for future generations as the main benefit of having marine parks in New South Wales such as the Solitary Islands Marine Park.

3.7.3 Respondents also considered the main benefits to be:

- Protection of marine habitats (42%)
- Increase in fish stocks (26%)
- Better environment (23%)
- Cleaner sea water (4%)
- More pristine beaches (4%)
- Less pollution (4%)
- Education/ research (4%)
- Tourism and local economy (3%)
- Recreation and leisure (1%)
- Less rubbish (1%)

Q12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.7.4

The main variance to these responses were:

- Females (68%), those aged 18 to 39 (72%), and those residing in Clarence Valley (69%) were more likely to name the preservation of the environment for future generations
- Mature families (51%) and respondents with a gross household income of \$100,000 plus pa (61%) were more likely to name the protection of marine habitats
- Males (34%), those aged 18 to 39 (35%), blue collar workers (35%), those in paid work (30%), and those aware that Solitary Islands was a marine park (28%) were more likely to name the increase in fish stocks

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park? Unprompted multiple response

	<u>Total</u>	<u>GENDER</u>		<u>AGE GROUPS</u>						<u>ALL 18-39</u>	<u>ALL 40+</u>	
		<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>			
Preservation of the environment for future generations	255 63%	115 57%	140 68%	17 74%	17 74%	37 70%	82 63%	34 58%	68 57%	71 72%	184 60%	-- --
Protection of marine habitats	172 42%	77 38%	95 46%	13 57%	6 26%	26 49%	59 45%	27 46%	41 34%	45 45%	127 41%	-- --
Increase in fish stocks	104 26%	68 34%	36 17%	10 43%	3 13%	22 42%	30 23%	13 22%	26 22%	35 35%	69 22%	+++ --
Better environment	94 23%	40 20%	54 26%	7 30%	6 26%	15 28%	33 25%	13 22%	20 17%	28 28%	66 21%	-- -
Cleaner sea water	18 4%	7 3%	11 5%	2 9%	2 9%	2 4%	6 5%	2 3%	4 3%	6 6%	12 4%	-- --
More pristine beaches	17 4%	7 3%	10 5%	0 0%	1 4%	3 6%	7 5%	0 0%	6 5%	4 4%	13 4%	-- --
Less pollution	15 4%	5 2%	10 5%	1 4%	2 9%	2 4%	4 3%	3 5%	3 3%	5 5%	10 3%	-- --
Less rubbish	3 1%	0 0%	3 1%	0 0%	0 0%	1 2%	1 1%	1 2%	0 0%	1 1%	2 1%	+ --
TOTAL OTHER	32 8%	17 8%	15 7%	2 9%	2 9%	3 6%	10 8%	4 7%	11 9%	7 7%	25 8%	-- --
Education/Research	15 4%	5 2%	10 5%	0 0%	0 0%	0 0%	6 5%	1 2%	8 7%	0 0%	15 5%	++ ++
Tourism & local economy	11 3%	7 3%	4 2%	0 0%	1 4%	2 4%	4 3%	3 5%	1 1%	3 3%	8 3%	-- --
Recreation & Leisure	5 1%	5 2%	0 0%	1 4%	2 9%	0 0%	1 1%	0 0%	1 1%	3 3%	2 1%	++ -
Other (not coded)	3 1%	2 1%	1 0%	1 4%	0 0%	1 2%	0 0%	0 0%	1 1%	2 2%	1 0%	+ -
Don't know/ not sure	23 6%	12 6%	11 5%	0 0%	0 0%	3 6%	4 3%	4 7%	12 10%	3 3%	20 6%	++ --
None	7 2%	6 3%	1 0%	0 0%	1 4%	1 2%	2 2%	1 2%	2 2%	2 2%	5 2%	+ -
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308	
No. of Responses	742	356	386	52	41	115	239	102	193	208	534	
Mean No. of mentions	1.82	1.77	1.87	2.26	1.78	2.17	1.84	1.73	1.62	2.1	1.73	
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park? Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
Preservation of the environment for future generations	255 63%	36 63%	36 68%	51 58%	21 68%	83 60%	28 72%	123 62%	132 63%	7 50%	10 77%	21 60%	45 67%	48 63%	124 61%
Protection of marine habitats	172 42%	28 49%	19 36%	40 45%	11 35%	53 38%	21 54%	87 44%	85 41%	3 21%	8 62%	17 49%	26 39%	39 51%	79 39% +
Increase in fish stocks	104 26%	17 30%	12 23%	31 35% ++	6 19%	28 20% -	10 26%	60 30% ++	44 21% --	3 21%	4 31%	9 26%	19 28%	22 29%	47 23%
Better environment	94 23%	16 28%	14 26%	23 26%	6 19%	25 18% -	10 26%	53 27% +	41 20% -	3 21%	4 31%	10 29%	20 30%	14 18%	43 21%
Cleaner sea water	18 4%	1 2%	2 4%	1 1% -	3 10%	6 4%	5 13% +++	4 2% --	14 7% ++	1 7%	1 8%	4 11% ++	2 3%	3 4%	7 3%
More pristine beaches	17 4%	3 5%	3 6%	3 3%	2 6%	6 4%	0 0%	9 5%	8 4%	0 0%	1 8%	1 3%	4 6%	2 3%	9 4%
Less pollution	15 4%	3 5%	3 6%	3 3%	3 10% +	2 1% -	1 3%	9 5%	6 3%	0 0%	2 15%	0 0%	3 4%	3 4%	7 3%
Less rubbish	3 1%	1 2%	0 0%	1 1%	1 3% +	0 0%	0 0%	2 1%	1 0%	0 0%	1 8%	0 0%	0 0%	1 1%	1 0%
TOTAL OTHER	32 8%	5 9%	5 9%	7 8%	3 10%	10 7%	2 5%	17 9%	15 7%	2 14%	2 15%	3 9%	2 3%	8 11%	15 7%
Education/Research	15 4%	2 4%	3 6%	2 2%	1 3%	7 5%	0 0%	7 4%	8 4%	0 0%	0 0%	0 0%	1 1%	6 8% ++	8 4%
Tourism & local economy	11 3%	4 7% ++	0 0%	3 3%	2 6%	1 1% -	1 3%	7 4%	4 2%	1 7%	1 8%	1 3%	0 0%	3 4%	5 2%
Recreation & Leisure	5 1%	1 2%	1 2%	2 2%	0 0%	1 1%	0 0%	4 2%	1 0%	0 0%	2 15%	2 6% ++	0 0%	0 0%	1 0%
Other (not coded)	3 1%	0 0%	1 2%	0 0%	0 0%	1 1%	1 3%	1 1%	2 1%	1 7%	0 0%	0 0%	1 1%	0 0%	1 0%
Don't know/ not sure	23 6%	1 2%	3 6%	2 2%	1 3%	13 9% ++	3 8%	6 3% --	17 8% ++	1 7%	0 0%	0 0%	4 6%	3 4%	15 7%
None	7 2%	0 0%	0 0%	3 3%	0 0%	3 2%	1 3%	3 2%	4 2%	1 7%	0 0%	2 6% +	0 0%	1 1%	3 1%
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	742	113	97	165	57	229	81	375	367	21	34	67	125	145	350
Mean No. of mentions	1.82	1.98	1.83	1.88	1.84	1.65	2.08	1.89	1.76	1.5	2.62	1.91	1.87	1.91	1.73
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park? Unprompted multiple response

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
Preservation of the environment for future generations	255 63%	40 57%	67 64%	44 70%	31 58%	22 79%	18 58%	33 58%	116 56%	30 70%	109 69%	207 61%	3 60%	45 69%
Protection of marine habitats	172 42%	27 39%	45 43%	26 41%	22 42%	12 43%	19 61%	21 37%	83 40%	18 42%	71 45%	143 42%	0 0%	29 45%
Increase in fish stocks	104 26%	9 13%	30 29%	18 29%	18 34%	5 18%	12 39%	12 21%	42 20%	15 35%	47 30%	94 28%	2 40%	8 12%
Better environment	94 23%	10 14%	22 21%	16 25%	17 32%	8 29%	9 29%	12 21%	42 20%	12 28%	40 25%	73 22%	1 20%	20 31%
Cleaner sea water	18 4%	3 4%	2 2%	2 3%	2 4%	0 0%	2 6%	7 12%	7 3%	3 7%	8 5%	15 4%	0 0%	3 5%
More pristine beaches	17 4%	1 1%	3 3%	4 6%	2 4%	1 4%	1 3%	5 9%	11 5%	1 2%	5 3%	16 5%	0 0%	1 2%
Less pollution	15 4%	1 1%	5 5%	0 0%	3 6%	0 0%	2 6%	4 7%	5 2%	0 0%	10 6%	13 4%	0 0%	2 3%
Less rubbish	3 1%	1 1%	1 1%	0 0%	0 0%	0 0%	1 3%	0 0%	0 0%	0 0%	3 2%	3 1%	0 0%	0 0%
TOTAL OTHER	32 8%	6 9%	11 10%	1 2%	8 15%	1 4%	3 10%	2 4%	12 6%	10 23%	10 6%	24 7%	0 0%	8 12%
Education/Research	15 4%	2 3%	7 7%	1 2%	3 6%	0 0%	1 3%	1 2%	4 2%	6 14%	5 3%	13 4%	0 0%	2 3%
Tourism & local economy	11 3%	3 4%	2 2%	0 0%	3 6%	1 4%	2 6%	0 0%	6 3%	4 9%	1 1%	7 2%	0 0%	4 6%
Recreation & Leisure	5 1%	1 1%	0 0%	0 0%	2 4%	1 4%	1 3%	0 0%	2 1%	1 2%	2 1%	4 1%	0 0%	1 2%
Other (not coded)	3 1%	0 0%	2 2%	0 0%	0 0%	0 0%	0 0%	1 2%	1 0%	0 0%	2 1%	2 1%	0 0%	1 2%
Don't know/ not sure	23 6%	8 11%	4 4%	3 5%	1 2%	0 0%	1 3%	6 11%	15 7%	2 5%	6 4%	19 6%	1 20%	3 5%
None	7 2%	1 1%	3 3%	0 0%	2 4%	0 0%	0 0%	1 2%	4 2%	1 2%	2 1%	7 2%	0 0%	0 0%
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	742	107	193	114	106	50	69	103	338	93	311	616	7	119
Mean No. of mentions	1.82	1.53	1.84	1.81	2.	1.79	2.23	1.81	1.64	2.16	1.97	1.83	1.4	1.83
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park? Unprompted multiple response
ACTIVITIES

	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Preservation of the environment for future generations	255 63%	55 57%	200 65%	44 63%	59 60%	160 64%
Protection of marine habitats	172 42%	36 37%	136 44%	31 44%	40 40%	106 42%
Increase in fish stocks	104 26%	23 24%	81 26%	15 21%	27 27%	66 26%
Better environment	94 23%	20 21%	74 24%	18 26%	19 19%	54 22%
Cleaner sea water	18 4%	4 4%	14 5%	2 3%	4 4%	14 6%
More pristine beaches	17 4%	4 4%	13 4%	3 4%	4 4%	14 6% +
Less pollution	15 4%	7 7% ++	8 3% --	2 3%	6 6%	12 5%
Less rubbish	3 1%	0 0%	3 1%	0 0%	0 0%	3 1%
TOTAL OTHER	32 8%	7 7%	25 8%	4 6%	9 9%	19 8%
Education/Research	15 4%	3 3%	12 4%	0 0%	3 3%	5 2% --
Tourism & local economy	11 3%	3 3%	8 3%	3 4%	3 3%	9 4%
Recreation & Leisure	5 1%	3 3% +	2 1% -	2 3%	3 3% +	4 2%
Other (not coded)	3 1%	0 0%	3 1%	0 0%	2 2% +	3 1%
Don't know/ not sure	23 6%	9 9% +	14 5% -	4 6%	5 5%	10 4% -
None	7 2%	4 4% ++	3 1% --	4 6% +++	3 3%	5 2%
No. of Respondents	407	97	310	70	99	250
No. of Responses	742	171	571	128	178	465
Mean No. of mentions	1.82	1.76	1.84	1.83	1.8	1.86
	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

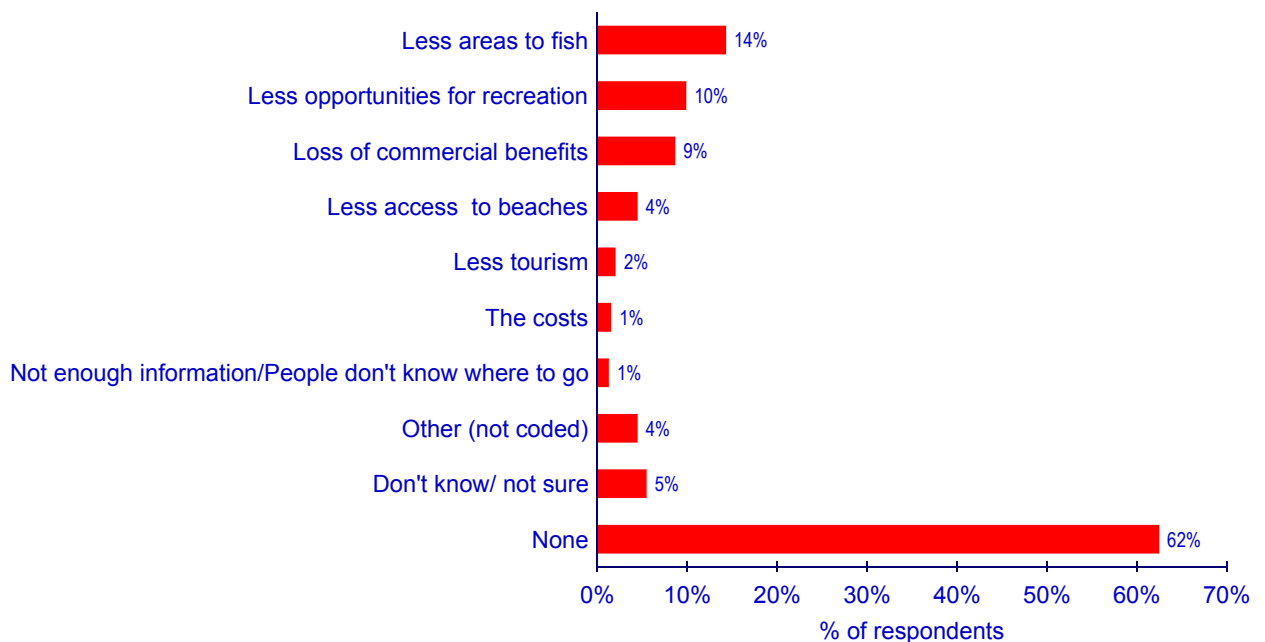
3.8 Drawbacks of Having Marine Parks in New South Wales

3.8.1 Respondents were asked what they thought were the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park.

3.8.2 Whilst almost two thirds (62%) of respondents indicated that there were no drawbacks and a further 5% were unsure, the remaining one third (33%) of respondents were able to name drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park, those being:

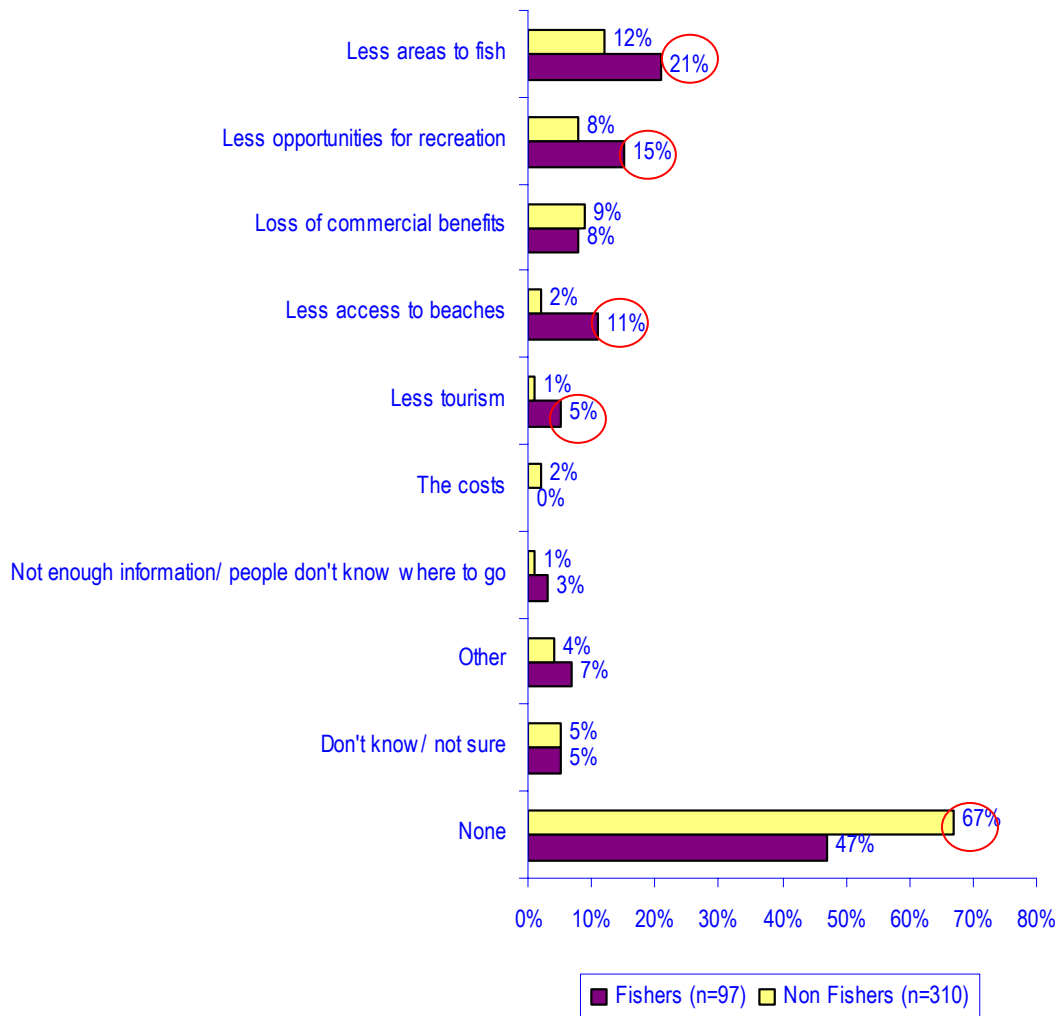
- Less areas to fish (14%)
- Less opportunities for recreation (10%)
- Loss of commercial benefits (9%)
- Less access to beaches (4%)
- Less tourism (2%)
- The costs (1%)
- Not enough information/ people do not know where to go (1%)

Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park?



3.8.3 There were a number of variances to these responses amongst Fishers and Non Fishers, as shown in the following chart:

Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park?



3.8.4 Other main variances among the groups surveyed were:

- The incidence of naming less areas to fish was higher amongst professionals/ executives (25%) and those involved in boating (20%) and beach activities (18%)
- Professionals/ executives (18%), those in paid work (13%) and those involved in snorkelling/ diving (20%) and boating (18%) were more likely to name the less opportunities for recreation

- Those aged 40 to 54 (15%), professionals/ executives (19%), those in paid work (12%) and those involved in beach activities (11%) were more likely to name loss of commercial benefits

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY - JANUARY 2008
Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park? Unprompted multiple response

	<u>GENDER</u>			<u>AGE GROUPS</u>						<u>ALL 18-39</u>	<u>ALL 40+</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>		
Less areas to fish	58 14%	31 15%	27 13%	2 9%	3 13%	9 17%	20 15%	8 14%	16 13%	14 14%	44 14%
Less opportunities for recreation	40 10%	22 11%	18 9%	3 13%	2 9%	7 13%	16 12%	6 10%	6 5% --	12 12%	28 9%
Loss of commercial benefits	35 9%	21 10%	14 7%	1 4%	2 9%	3 6%	19 15% +++	2 3%	8 7%	6 6%	29 9%
Less access to beaches	18 4%	10 5%	8 4%	0 0%	3 13%	2 4%	7 5%	1 2%	5 4%	5 5%	13 4%
Less tourism	8 2%	2 1%	6 3%	2 9%	1 4%	1 2%	1 1%	1 2%	2 2%	4 4% +	4 1% -
TOTAL OTHER	29 7%	19 9% +	10 5% -	1 4%	0 0%	4 8%	12 9%	5 8%	7 6%	5 5%	24 8%
Other (not coded)	18 4%	13 6% ++	5 2% --	1 4%	0 0%	2 4%	7 5%	2 3%	6 5%	3 3%	15 5%
The costs	6 1%	4 2%	2 1%	0 0%	0 0%	0 0%	2 2%	3 5% ++	1 1%	0 0%	6 2%
Not enough information/People don't know where to go	5 1%	2 1%	3 1%	0 0%	0 0%	2 4% +	3 2%	0 0%	0 0%	2 2%	3 1%
Don't know/ not sure	22 5%	9 4%	13 6%	1 4%	0 0%	1 2%	10 8%	2 3%	8 7%	2 2% -	20 6% +
None	254 62%	111 55% ---	143 69% +++	14 61%	16 70%	34 64%	69 53% ---	39 66%	82 69% +	64 65%	190 62%
No. of Respondents	407	201	206	23	23	53	130	59	119	99	308
No. of Responses	464	225	239	24	27	61	154	64	134	112	352
Mean No. of mentions	1.14	1.12	1.16	1.04	1.17	1.15	1.18	1.08	1.13	1.13	1.14
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park? Unprompted multiple response

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
Less areas to fish	58 14%	14 25% ++	7 13%	12 14%	3 10%	20 14%	2 5% -	33 17%	25 12%	0 0%	3 23%	7 20%	8 12%	9 12%	31 15%
Less opportunities for recreation	40 10%	10 18% ++	3 6%	13 15% +	2 6%	6 4% ---	6 15%	26 13% ++	14 7% --	0 0%	2 15%	5 14%	6 9%	9 12%	18 9%
Loss of commercial benefits	35 9%	11 19% +++	3 6%	9 10%	0 0%	9 6%	3 8%	23 12% ++	12 6% --	1 7%	3 23%	1 3%	5 7%	7 9%	18 9%
Less access to beaches	18 4%	5 9% +	2 4%	5 6%	0 0%	5 4%	1 3%	12 6%	6 3%	1 7%	0 0%	1 3%	5 7%	3 4%	8 4%
Less tourism	8 2%	0 0%	2 4%	1 1%	0 0%	3 2%	2 5%	3 2%	5 2%	0 0%	1 8%	2 6% +	1 1%	1 1%	3 1%
TOTAL OTHER	29 7%	3 5%	4 8%	7 8%	2 6%	9 6%	4 10%	14 7%	15 7%	1 7%	0 0%	0 0%	5 7%	7 9%	16 8%
Other (not coded)	18 4%	2 4%	3 6%	1 1% -	2 6%	7 5%	3 8%	6 3%	12 6%	1 7%	0 0%	0 0%	3 4%	3 4%	11 5%
The costs	6 1%	1 2%	0 0%	4 5% +++	0 0%	1 1%	0 0%	5 3% +	1 0% -	0 0%	0 0%	0 0%	0 0%	2 3%	4 2%
Not enough information/People don't know where to go	5 1%	0 0%	1 2%	2 2%	0 0%	1 1%	1 3%	3 2%	2 1%	0 0%	0 0%	0 0%	2 3%	2 3%	1 0%
Don't know/ not sure	22 5%	3 5%	4 8%	3 3%	2 6%	9 6%	1 3%	10 5%	12 6%	0 0%	0 0%	1 3%	2 3%	5 7%	14 7%
None	254 62%	25 44% ---	35 66%	50 57%	24 77% +	96 69% ++	24 62%	110 56% ---	144 69% +++	11 79%	7 54%	23 66%	45 67%	47 62%	121 60%
No. of Respondents	407	57	53	88	31	139	39	198	209	14	13	35	67	76	202
No. of Responses	464	71	60	100	33	157	43	231	233	14	16	40	77	88	229
Mean No. of mentions	1.14	1.25	1.13	1.14	1.06	1.13	1.1	1.17	1.11	1.	1.23	1.14	1.15	1.16	1.13
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park? Unprompted multiple response

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
Less areas to fish	58 14%	3 4%	11 10%	11 17%	13 25%	3 11%	7 23%	10 18%	28 14%	9 21%	21 13%	53 16%	1 20%	4 6%
		---			++							+		--
Less opportunities for recreation	40 10%	4 6%	11 10%	4 6%	7 13%	3 11%	3 10%	8 14%	9 4%	6 14%	25 16%	36 11%	0 0%	4 6%
									---		+++			
Loss of commercial benefits	35 9%	3 4%	7 7%	5 8%	6 11%	2 7%	5 16%	7 12%	20 10%	4 9%	11 7%	32 9%	0 0%	3 5%
Less access to beaches	18 4%	2 3%	3 3%	0 0%	3 6%	1 4%	5 16%	4 7%	6 3%	1 2%	11 7%	16 5%	0 0%	2 3%
							+++				++			
Less tourism	8 2%	1 1%	3 3%	1 2%	1 2%	1 4%	0 0%	1 2%	3 1%	0 0%	5 3%	7 2%	0 0%	1 2%
TOTAL OTHER	29 7%	3 4%	7 7%	10 16%	3 6%	2 7%	2 6%	2 4%	13 6%	5 12%	11 7%	25 7%	1 20%	3 5%
				+++										
Other (not coded)	18 4%	2 3%	5 5%	5 8%	2 4%	1 4%	1 3%	2 4%	9 4%	2 5%	7 4%	17 5%	0 0%	1 2%
The costs	6 1%	1 1%	0 0%	3 5%	0 0%	1 4%	1 3%	0 0%	1 0%	2 5%	3 2%	3 1%	1 20%	2 3%
				++					-	+		--		
Not enough information/People don't know where to go	5 1%	0 0%	2 2%	2 3%	1 2%	0 0%	0 0%	0 0%	3 1%	1 2%	1 1%	5 1%	0 0%	0 0%
Don't know/ not sure	22 5%	5 7%	3 3%	1 2%	2 4%	2 7%	2 6%	7 12%	10 5%	0 0%	12 8%	15 4%	1 20%	6 9%
								++				-		
None	254 62%	55 79%	74 70%	38 60%	28 53%	17 61%	14 45%	28 49%	137 67%	26 60%	91 58%	205 61%	2 40%	47 72%
		+++	++				--	--	+					+
No. of Respondents	407	70	105	63	53	28	31	57	206	43	158	337	5	65
No. of Responses	464	76	119	70	63	31	38	67	226	51	187	389	5	70
Mean No. of mentions	1.14	1.09	1.13	1.11	1.19	1.11	1.23	1.18	1.1	1.19	1.18	1.15	1.	1.08
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park? Unprompted multiple response
ACTIVITIES

	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Less areas to fish	58 14%	20 21% ++	38 12% --	12 17%	20 20% +	46 18% +++
Less opportunities for recreation	40 10%	15 15% ++	25 8% --	14 20% +++	18 18% +++	26 10%
Loss of commercial benefits	35 9%	8 8%	27 9%	4 6%	10 10%	27 11% ++
Less access to beaches	18 4%	11 11% +++	7 2% ---	5 7%	10 10% +++	15 6% +
Less tourism	8 2%	5 5% +++	3 1% ---	5 7% +++	4 4% +	8 3% ++
TOTAL OTHER	29 7%	10 10%	19 6%	4 6%	9 9%	18 7%
Other (not coded)	18 4%	7 7%	11 4%	2 3%	5 5%	10 4%
The costs	6 1%	0 0%	6 2%	1 1%	1 1%	3 1%
Not enough information/People don't know where to go	5 1%	3 3% +	2 1% -	1 1%	3 3% +	5 2% +
Don't know/ not sure	22 5%	5 5%	17 5%	4 6%	4 4%	9 4% --
None	254 62%	46 47% --	208 67% +++	36 51% --	48 48% ---	149 60%
No. of Respondents	407	97	310	70	99	250
No. of Responses	464	120	344	84	123	298
Mean No. of mentions	1.14	1.24	1.11	1.2	1.24	1.19
	100%	100%	100%	100%	100%	100%

Prepared by McGregor Tan Research (Ref:8353SI)

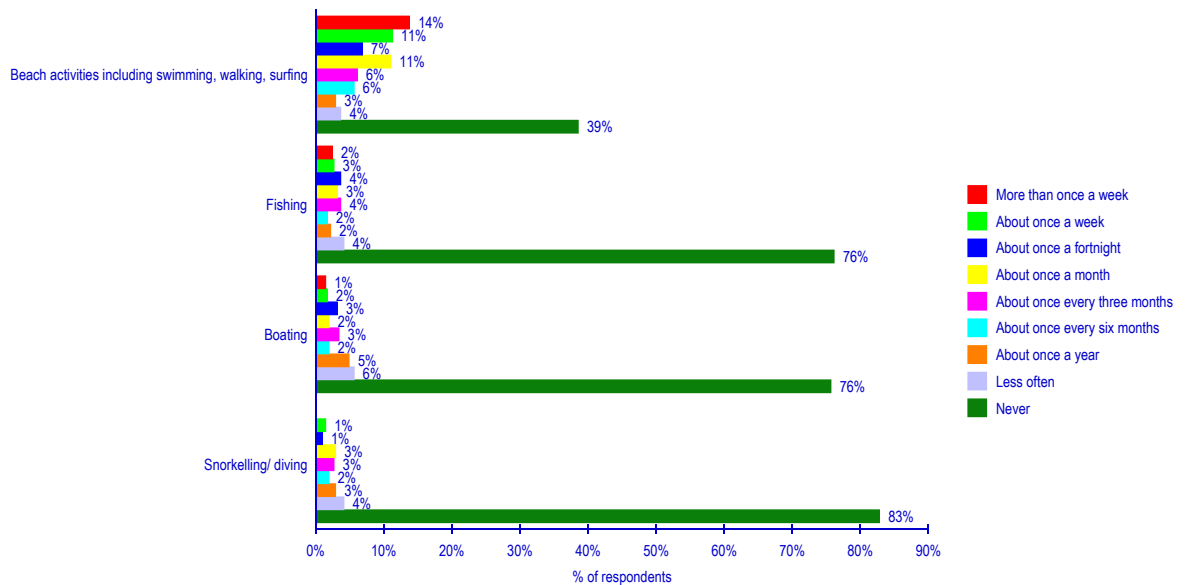
3.9 *Recreational Activities in the Solitary Islands Marine Park*

3.9.1 Those surveyed were then asked how often they participated in a number of recreational activities in the Solitary Islands Marine Park.

3.9.2 These results follow in the table below.

Activity/ Frequency	Fishing	Snorkelling/ Diving	Boating	Beach Activities
More than once a week	2%	0%	1%	14%
About once a week	3%	1%	2%	11%
About once a fortnight	4%	1%	3%	7%
About once a month	3%	3%	2%	11%
About once every three months	4%	3%	3%	6%
About once every six months	2%	2%	2%	6%
About once a year	2%	3%	5%	3%
Less often	4%	4%	6%	4%
Never	76%	83%	76%	39%

Q14: How often do you participate in each of the following activities (in the Solitary Islands Marine Park)?



MTR (Ref:8353SI)

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Q14: How often do you participate in each of the following activities (in the Solitary Islands Marine Park)?
Read out

	<u>Total</u>	<u>More than once a week</u>	<u>About once a week</u>	<u>About once a fortnight</u>	<u>About once a month</u>	<u>About once every three months</u>	<u>About once every six months</u>	<u>About once a year</u>	<u>Less often</u>	<u>Never</u>
Beach activities including swimming, walking, surfing	407 100%	56 14%	46 11%	28 7%	45 11%	25 6%	23 6%	12 3%	15 4%	157 39%
Fishing	407 100%	10 2%	11 3%	15 4%	13 3%	15 4%	7 2%	9 2%	17 4%	310 76%
Boating	407 100%	6 1%	7 2%	13 3%	8 2%	14 3%	8 2%	20 5%	23 6%	308 76%
Snorkelling/ diving	407 100%	0 0%	6 1%	4 1%	12 3%	11 3%	8 2%	12 3%	17 4%	337 83%

Prepared by McGregor Tan Research (Ref:8353SI)

3.10 Overall Importance of the Solitary Islands Marine Park

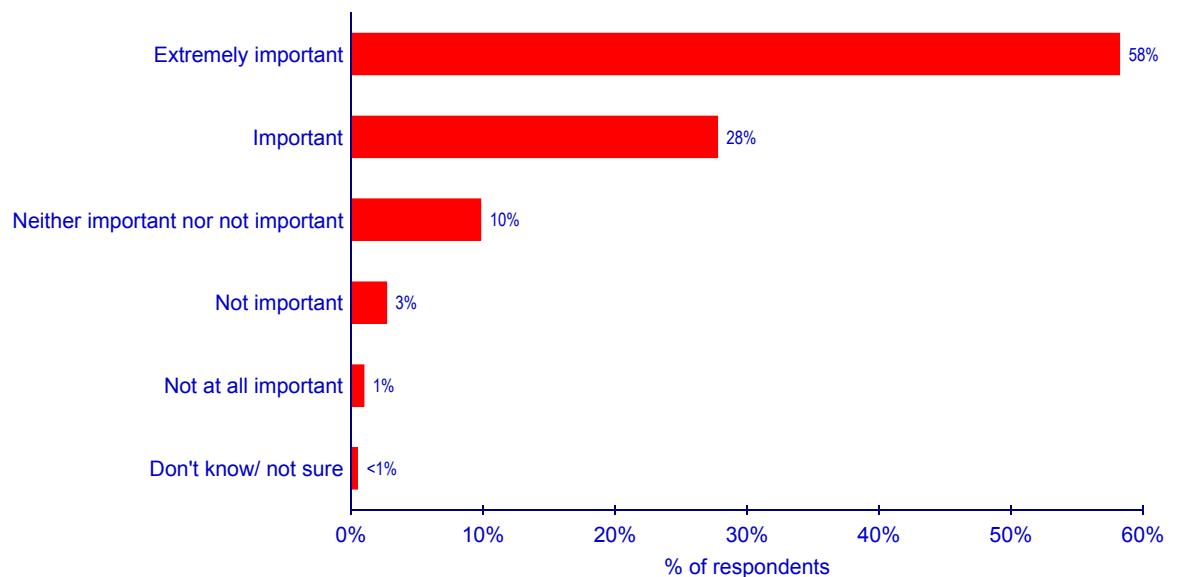
3.10.1 Those surveyed were then asked how important, in their opinion, was the Solitary Islands Marine Park.

3.10.2 The overwhelming majority of respondents (86%) indicated that it was important, with 58% considering the Solitary Islands Marine Park as extremely important. Only 4% of the total number of respondents stated that it was not important.

3.10.3 The scaled responses to this question were as follows:

- Extremely important (58%)
- Important (28%)
- Neither important nor not important (10%)
- Not important (3%)
- Not at all important (1%)

Q15. On a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important in your opinion is the Solitary Islands Marine Park?



MTR (Ref:8353SI)

3.10.4 Females (64%), retired people (64%), those not in paid work (64%), those living in the Coffs Harbour area (66%), those aware that Solitary Islands was a marine park (62%) and those involved in beach activities (63%) were more likely than others to state that the Solitary Islands Marine Park was extremely important.

3.10.5 Males (14%), those aged 40 to 54 (14%), blue collar workers (15%), those in paid work (13%) and residents of Clarence Valley (15%) were more likely than other to state that the Solitary Islands Marine Park was neither important nor unimportant.

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Q15. On a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important in your opinion is the Solitary Islands Marine Park?

	<u>GENDER</u>		<u>AGE GROUPS</u>							<u>ALL</u>	<u>ALL</u>
	<u>Total</u>	<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>	<u>18-39</u>	<u>40+</u>
TOTAL IMPORTANT	350 86%	162 81%	188 91%	22 96%	17 74%	45 85%	108 83%	54 92%	104 87%	84 85%	266 86%
		---	+++								
Extremely important	237 58%	106 53%	131 64%	17 74%	12 52%	28 53%	70 54%	40 68%	70 59%	57 58%	180 58%
		--	++								
Important	113 28%	56 28%	57 28%	5 22%	5 22%	17 32%	38 29%	14 24%	34 29%	27 27%	86 28%
Neither important nor not important	40 10%	28 14%	12 6%	1 4%	5 22%	6 11%	18 14%	3 5%	7 6%	12 12%	28 9%
		+++	---				+		-		
TOTAL NOT IMPORTANT	15 4%	9 4%	6 3%	0 0%	1 4%	2 4%	4 3%	1 2%	7 6%	3 3%	12 4%
Not important	11 3%	6 3%	5 2%	0 0%	0 0%	2 4%	3 2%	0 0%	6 5%	2 2%	9 3%
									+		
Not at all important	4 1%	3 1%	1 0%	0 0%	1 4%	0 0%	1 1%	1 2%	1 1%	1 1%	3 1%
Don't know/ not sure	2 0%	2 1%	0 0%	0 0%	0 0%	0 0%	0 0%	1 2%	1 1%	0 0%	2 1%
No. of Respondents	407 100%	201 100%	206 100%	23 100%	23 100%	53 100%	130 100%	59 100%	119 100%	99 100%	308 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q15. On a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important in your opinion is the Solitary Islands Marine Park?

	<u>OCCUPATION</u>							<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
	Total	Prof/ Exec	White Collar	Blue Collar	Home Duties	Retired	Other	In paid work	Not in pd work	Single (<40)/ shared h'hold	Younger couple no kids	Young Family	Middle Family	Mature Family	Mature Couple/ Single
TOTAL IMPORTANT	350 86%	48 84%	47 89%	71 81%	27 87%	121 87%	36 92%	166 84%	184 88%	12 86%	12 92%	28 80%	56 84%	68 89%	174 86%
Extremely important	237 58%	32 56%	25 47%	47 53%	19 61%	89 64% +	25 64%	104 53%	133 64% ++	7 50%	8 62%	18 51%	39 58%	50 66%	115 57%
Important	113 28%	16 28%	22 42% ++	24 27%	8 26%	32 23%	11 28%	62 31%	51 24%	5 36%	4 31%	10 29%	17 25%	18 24%	59 29%
Neither important nor not important	40 10%	8 14%	5 9%	13 15% +	3 10%	9 6%	2 5%	26 13% ++	14 7% --	1 7%	1 8%	4 11%	10 15%	7 9%	17 8%
TOTAL NOT IMPORTANT	15 4%	1 2%	1 2%	4 5%	1 3%	7 5%	1 3%	6 3%	9 4%	1 7%	0 0%	3 9%	1 1%	1 1%	9 4%
Not important	11 3%	1 2%	1 2%	2 2%	1 3%	5 4%	1 3%	4 2%	7 3%	0 0%	0 0%	2 6%	1 1%	1 1%	7 3%
Not at all important	4 1%	0 0%	0 0%	2 2%	0 0%	2 1%	0 0%	2 1%	2 1%	1 7%	0 0%	1 3%	0 0%	0 0%	2 1%
Don't know/ not sure	2 0%	0 0%	0 0%	0 0%	0 0%	2 1% ++	0 0%	0 0%	2 1%	0 0%	0 0%	0 0%	0 0%	0 0%	2 1%
No. of Respondents	407 100%	57 100%	53 100%	88 100%	31 100%	139 100%	39 100%	198 100%	209 100%	14 100%	13 100%	35 100%	67 100%	76 100%	202 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q15. On a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important in your opinion is the Solitary Islands Marine Park?

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
TOTAL IMPORTANT	350 86%	65 93% +	90 86%	55 87%	42 79%	26 93%	29 94%	43 75% --	184 89% +	38 88%	128 81% --	294 87%	5 100%	51 78% -
Extremely important	237 58%	46 66%	54 51%	42 67%	26 49%	22 79%	19 61%	28 49%	136 66% +++	26 60%	75 47% ---	208 62% +++	4 80%	25 38% ---
Important	113 28%	19 27%	36 34% +	13 21%	16 30%	4 14%	10 32%	15 26%	48 23% --	12 28%	53 34% ++	86 26% --	1 20%	26 40% ++
Neither important nor not important	40 10%	2 3% --	10 10%	6 10%	9 17% +	2 7%	2 6%	9 16%	14 7% --	2 5%	24 15% +++	31 9%	0 0%	9 14%
TOTAL NOT IMPORTANT	15 4%	3 4%	4 4%	2 3%	2 4%	0 0%	0 0%	4 7%	8 4%	3 7%	4 3%	11 3%	0 0%	4 6%
Not important	11 3%	3 4%	3 3%	2 3%	1 2%	0 0%	0 0%	2 4%	7 3%	2 5%	2 1%	8 2%	0 0%	3 5%
Not at all important	4 1%	0 0%	1 1%	0 0%	1 2%	0 0%	0 0%	2 4% ++	1 0%	1 2%	2 1%	3 1%	0 0%	1 2%
Don't know/ not sure	2 0%	0 0%	1 1%	0 0%	0 0%	0 0%	0 0%	1 2%	0 0%	0 0%	2 1% +	1 0%	0 0%	1 2%
No. of Respondents	407 100%	70 100%	105 100%	63 100%	53 100%	28 100%	31 100%	57 100%	206 100%	43 100%	158 100%	337 100%	5 100%	65 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q15. On a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important in your opinion is the Solitary Islands Marine Park?

ACTIVITIES

	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
TOTAL IMPORTANT	350 86%	80 82%	270 87%	57 81%	84 85%	218 87%
Extremely important	237 58%	53 55%	184 59%	43 61%	58 59%	158 63% ++
Important	113 28%	27 28%	86 28%	14 20%	26 26%	60 24% --
Neither important nor not important	40 10%	12 12%	28 9%	8 11%	10 10%	22 9%
TOTAL NOT IMPORTANT	15 4%	5 5%	10 3%	5 7% +	5 5%	10 4%
Not important	11 3%	3 3%	8 3%	2 3%	3 3%	8 3%
Not at all important	4 1%	2 2%	2 1%	3 4% +++	2 2%	2 1%
Don't know/ not sure	2 0%	0 0%	2 1%	0 0%	0 0%	0 0%
No. of Respondents	407 100%	97 100%	310 100%	70 100%	99 100%	250 100%

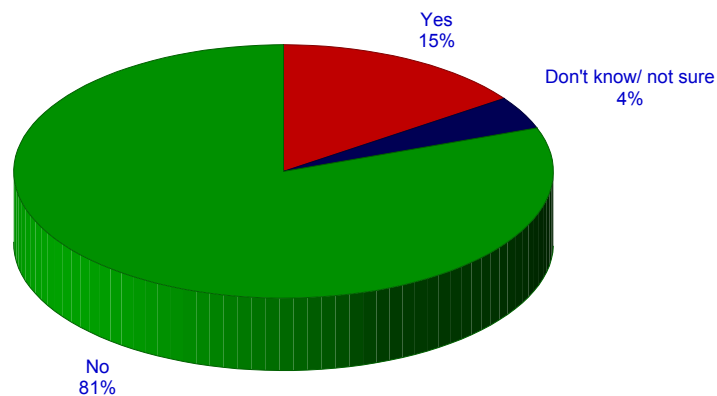
Prepared by McGregor Tan Research (Ref:8353SI)

3.11 Solitary Islands Marine Park Zoning Plan Brochure

3.11.1 Finally, those surveyed were asked if they had a Solitary Island Marine Park zoning plan brochure.

3.11.2 Approximately one in seven respondents (15%) indicated that they had this brochure. However the majority (81%) mentioned that they did not. A further 4% of respondents were unsure.

Q16. Do you have a Solitary Islands Marine Park zoning plan brochure?



MTR (Ref:8353SI)

3.11.3 Those more likely to indicate that they had the Solitary Islands Marine Park zoning plan brochure were:

- Those aged 31 to 39 (28%)
- Middle families (25%)
- Residents of Coffs Harbour (19%)
- Those aware that Solitary Islands was a marine park (18%)
- Those involved in fishing (36%), snorkelling/ diving (33%), boating (34%) and beach activities (21%)

3.11.4

Conversely, those who indicated that they did not have the Solitary Islands Marine Park zoning plan brochure were:

- Those with a gross household income of under \$20,000 per annum (90%)
- Residents of Bellingen (95%)
- Residents of Clarence Valley (86%)
- Those not aware that Solitary Islands was a marine park (95%)
- Those not involved in fishing (86%)

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Q16. Do you have a Solitary Islands Marine Park zoning plan brochure?

	<u>Total</u>	<u>GENDER</u>		<u>AGE GROUPS</u>						<u>ALL 18-39</u>	<u>ALL 40+</u>
		<u>MALE</u>	<u>FEMALE</u>	<u>18-24</u>	<u>25-30</u>	<u>31-39</u>	<u>40-54</u>	<u>55-64</u>	<u>65+</u>		
Yes	62 15%	33 16%	29 14%	1 4%	4 17%	15 28% +++	19 15%	9 15%	14 12%	20 20%	42 14%
Don't know/ not sure	17 4%	7 3%	10 5%	0 0%	0 0%	2 4%	7 5%	2 3%	6 5%	2 2%	15 5%
No	328 81%	161 80%	167 81%	22 96%	19 83%	36 68% -	104 80%	48 81%	99 83%	77 78%	251 81%
No. of Respondents	407 100%	201 100%	206 100%	23 100%	23 100%	53 100%	130 100%	59 100%	119 100%	99 100%	308 100%

Q16. Do you have a Solitary Islands Marine Park zoning plan brochure?

	<u>Total</u>	<u>OCCUPATION</u>						<u>EMPLOYMENT</u>		<u>HOUSEHOLD STRUCTURE</u>					
		<u>Prof/ Exec</u>	<u>White Collar</u>	<u>Blue Collar</u>	<u>Home Duties</u>	<u>Retired</u>	<u>Other</u>	<u>In paid work</u>	<u>Not in pd work</u>	<u>Single (<40)/ shared h'hold</u>	<u>Younger couple no kids</u>	<u>Young Family</u>	<u>Middle Family</u>	<u>Mature Family</u>	<u>Mature Couple/ Single</u>
Yes	62 15%	10 18%	9 17%	14 16%	4 13%	22 16%	3 8%	33 17%	29 14%	2 14%	1 8%	8 23%	17 25% ++	10 13%	24 12% -
Don't know/ not sure	17 4%	2 4%	2 4%	2 2%	2 6%	7 5%	2 5%	6 3%	11 5%	0 0%	0 0%	1 3%	7 10% +++	0 0%	9 4%
No	328 81%	45 79%	42 79%	72 82%	25 81%	110 79%	34 87%	159 80%	169 81%	12 86%	12 92%	26 74%	43 64% ---	66 87%	169 84%
No. of Respondents	407 100%	57 100%	53 100%	88 100%	31 100%	139 100%	39 100%	198 100%	209 100%	14 100%	13 100%	35 100%	67 100%	76 100%	202 100%

Prepared by McGregor Tan Research (Ref:8353SI)

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY
Q16. Do you have a Solitary Islands Marine Park zoning plan brochure?

	<u>GROSS HOUSEHOLD INCOME</u>							<u>LOCATION</u>					<u>AWARE BEFORE TODAY SOLITARY ISLANDS WAS A MARINE PARK</u>	
	<u>Total</u>	<u>Under \$20,000 pa</u>	<u>\$20,000 to \$39,999 pa</u>	<u>\$40,000 to \$59,999 pa</u>	<u>\$60,000 to \$79,999 pa</u>	<u>\$80,000 to \$99,999 pa</u>	<u>\$100,000 + pa</u>	<u>Refused</u>	<u>Coffs Harbour</u>	<u>Bellingen</u>	<u>Clarence Valley</u>	<u>Yes</u>	<u>Don't know/ not sure</u>	<u>No</u>
Yes	62 15%	6 9%	20 19%	6 10%	10 19%	5 18%	7 23%	8 14%	39 19%	2 5%	21 13%	59 18%	0 0%	3 5%
		-							++	--		+++		--
Don't know/ not sure	17 4%	1 1%	5 5%	5 8%	1 2%	1 4%	2 6%	2 4%	16 8%	0 0%	1 1%	16 5%	1 20%	0 0%
									+++		---			
No	328 81%	63 90%	80 76%	52 83%	42 79%	22 79%	22 71%	47 82%	151 73%	41 95%	136 86%	262 78%	4 80%	62 95%
		++							---	+++	++	---		+++
No. of Respondents	407 100%	70 100%	105 100%	63 100%	53 100%	28 100%	31 100%	57 100%	206 100%	43 100%	158 100%	337 100%	5 100%	65 100%

Q16. Do you have a Solitary Islands Marine Park zoning plan brochure?

	<u>ACTIVITIES</u>					
	<u>Total</u>	<u>Fishing</u>	<u>Do not fish</u>	<u>Snorkelling/ diving</u>	<u>Boating</u>	<u>Beach Activities</u>
Yes	62 15%	35 36%	27 9%	23 33%	34 34%	52 21%
		+++	---	+++	+++	+++
Don't know/ not sure	17 4%	2 2%	15 5%	3 4%	5 5%	14 6%
						+
No	328 81%	60 62%	268 86%	44 63%	60 61%	184 74%
		---	+++	---	---	---
No. of Respondents	407 100%	97 100%	310 100%	70 100%	99 100%	250 100%

Prepared by McGregor Tan Research (Ref:8353SI)

Appendix 1:
About The Research

How We Did The Research

McGregor Tan Research conducted 407 telephone interviews with residents of New South Wales living in three regional local government areas in the north coast. The local government areas surveyed were:

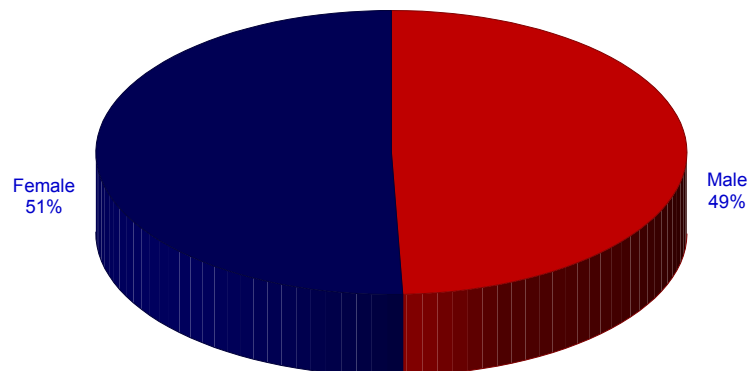
- Coffs Harbour (206 interviews)
- Bellingen (43 interviews)
- Clarence Valley (136 interviews)

These interviews were conducted between January 24th and January 31st 2008.

Who was involved

Gender

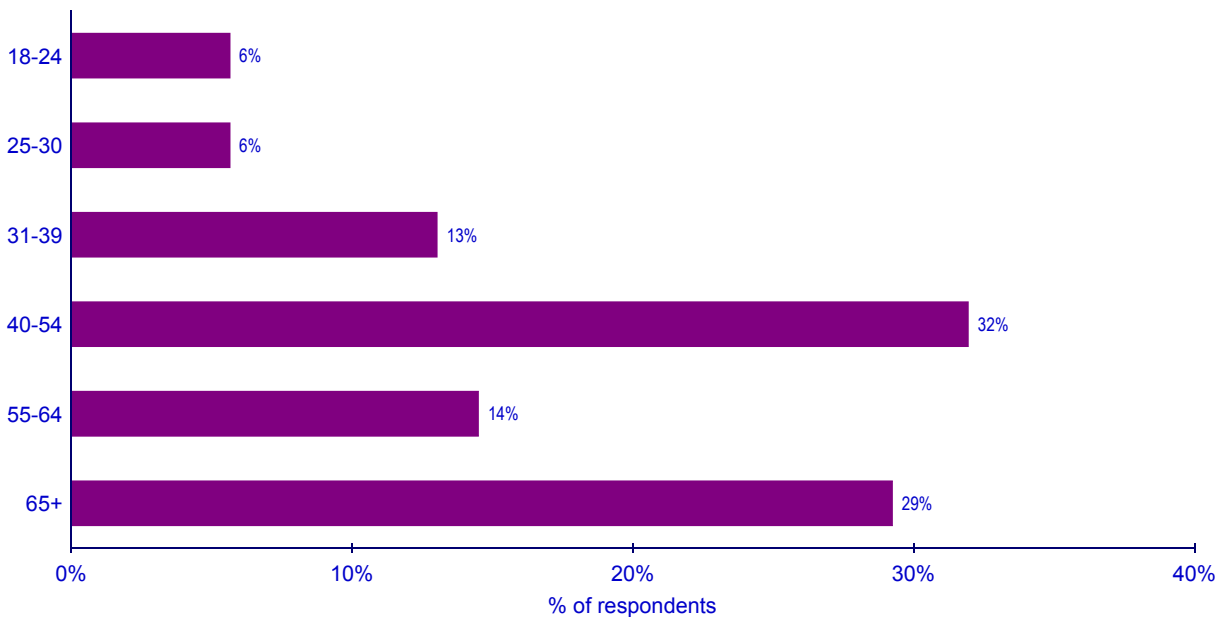
Q17. Gender.



MTR (Ref:8353SI)

Age

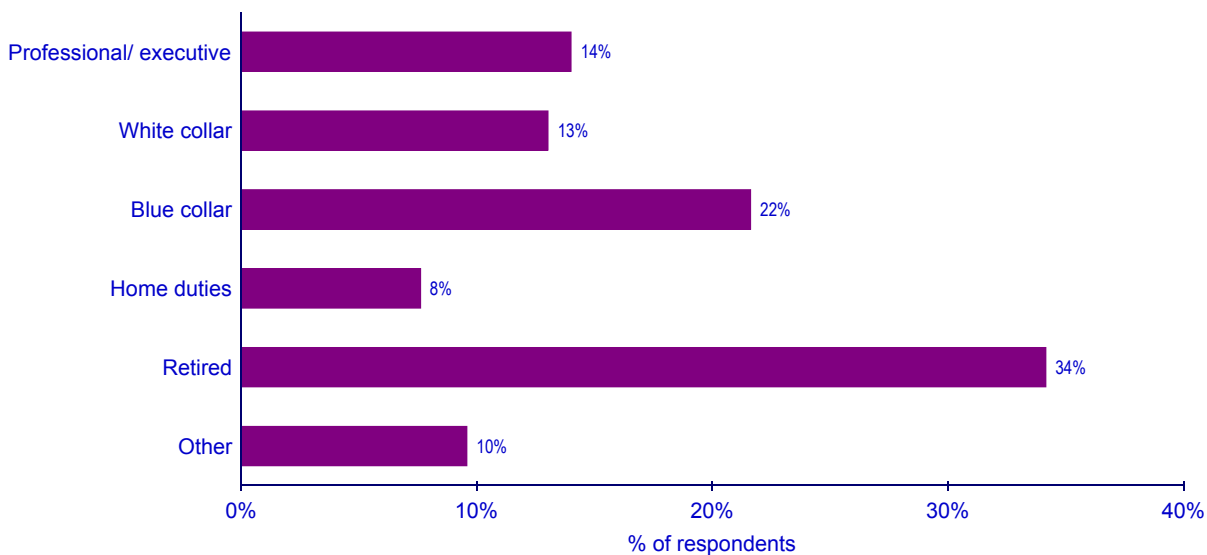
Q18: In which of these age groups do you fall?



MTR (Ref:8353SI)

Employment and occupation

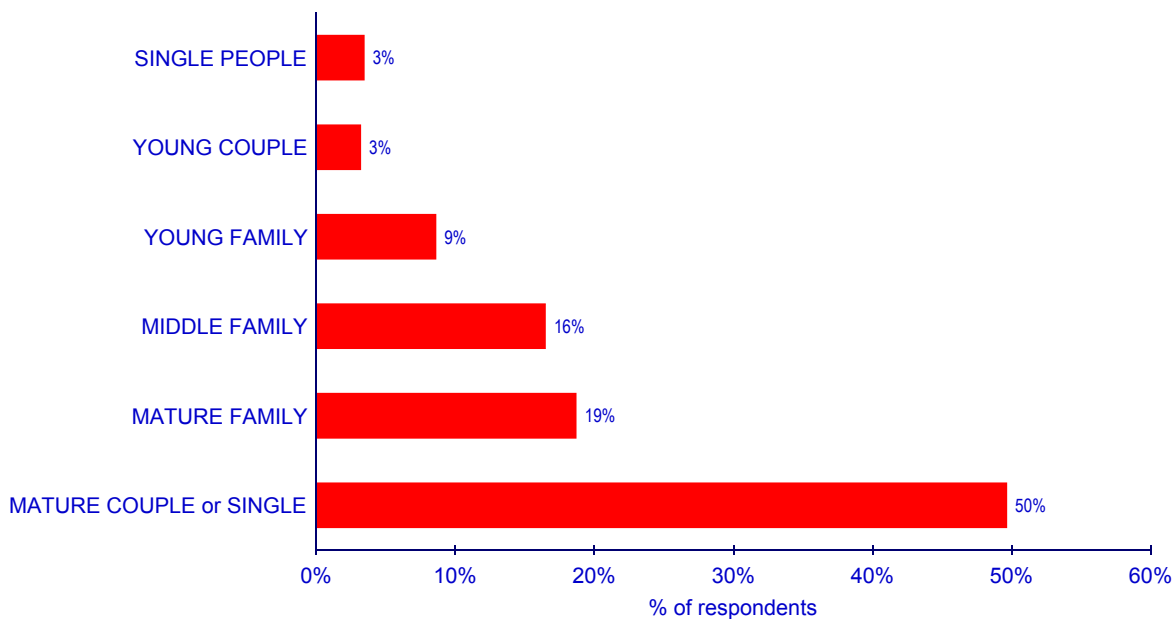
**Q19: Are you in paid employment?
If yes: What is your occupation? If no: Could you please tell me how you describe your occupation.**



MTR (Ref:8353SI)

Household composition

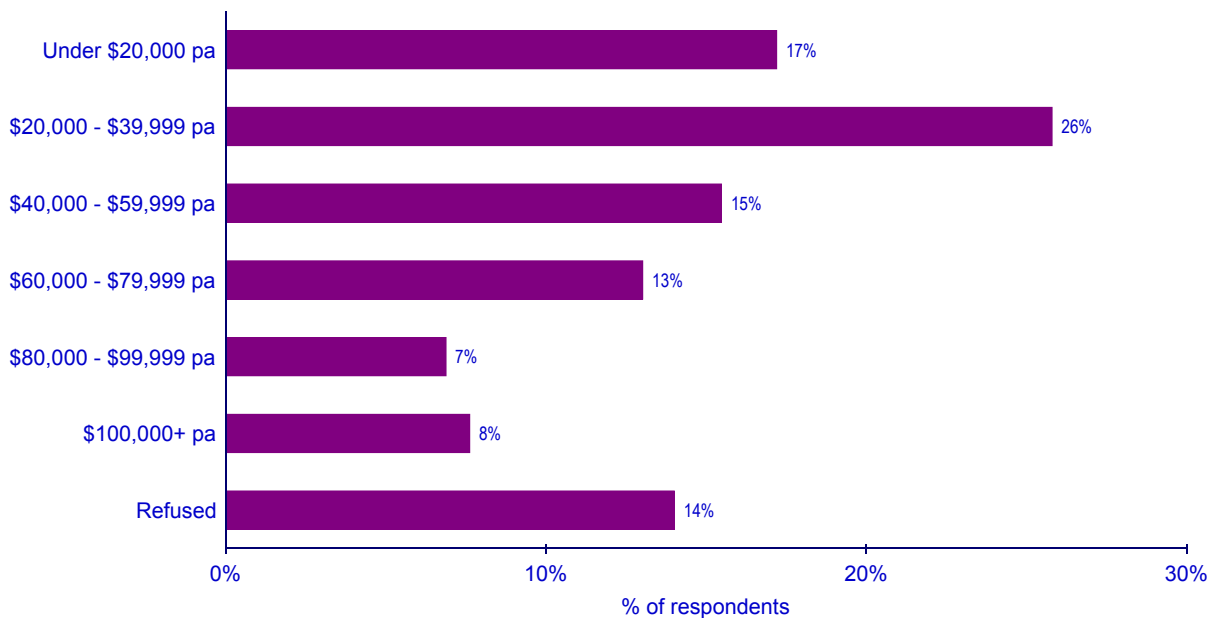
Q20: Which of these groups best describes your household?



MTR (Ref:8353SI)

Household income

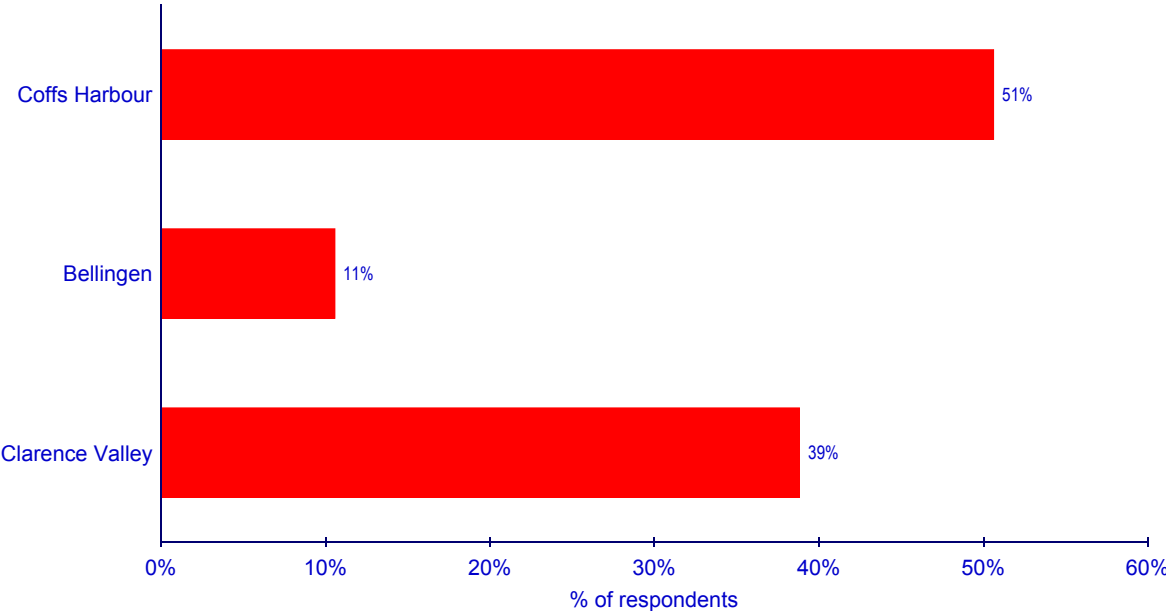
Q21: Which of the following best describes your gross household income?



MTR (Ref:8353SI)

Location

Q22. Location



MTR (Ref:8353SI)

***Appendix 2:
Additional Comments***

This section lists the responses, made by individual interviewees, which did not fit within the coded responses.

These comments are included for **completeness**, but always remember they are **minor responses**, negligible in relation to the main, coded data. *In other words, remember that these are generally isolated comments, providing flavour but not constituting the main ingredients.*

ENVIRONMENT NSW - SOLITARY ISLANDS MARINE PARK STUDY

Q1. What is your understanding of the term "Marine Park"?

FILTER: OTHER (NOT CODED)

A PARK THAT EXTENDS 100 METRES OUT AND THEN UP UNTIL THE CREEK MOUTH.
CORAL REEFS AND BEACHES. DIVING.
CORAL REEFS AND SANCTUARIES.
DOLPHINS
FOR SCIENTIFIC PORPOISES
RESEARCH FOR ANIMALS
SANCTUARY

Q2. Are you aware of any marine parks around your local area? If yes, could you name them?

Filter: Other (not coded)

BELLINGEN RIVER, CALLANG RIVER.
CHARLESWORTH BAY
CHARLESWORTH BAY AT PACIFIC BAY RESORT.
CLARENCE ESTUARY NATURE RESERVE.
CLARENCE RIVER
COASTAL PARKS
EMERALD BEACH.
FISH ISLAND
FLAT TOP.
I'M AWARE THAT THE AREA JUST OFF THE COAST HERE IS A MARINE PARK BUT I DON'T KNOW WHAT IT'S CALLED.
LOOK AT ME NOW MARINE PARK AT EMERALD BEACH.
MINI WATERS
MUTTON BIRD ISLAND
MUTTON BIRD ISLAND.
NEAR THE SOLITARY ISLANDS.
NELSON BAY TO FOSTER BAY MARINE PARK. BATESMANS BAY.
NELSON BAY.
OFF BROOMS HEAD THERE IS ONE.
PET PORPOISE POOL.
RED ROCK
SEALS ROCK.
SEAWORLD
SHANNON RIVER PARK.

SPLIT SOLITARY.
THE WHOLE RIVER WHERE SHE LIVES
WILLIE POINT.
WILSON'S HEADLAND.

Q4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park?

Filter: Other (not coded)

A NATURAL DISASTER.
CONTROLLING VANDALISM.
COULD BE DESTROYED IF NOT MONITORED BY PUBLIC.
DESTROYING THE HABITAT OF THE MUTTON BIRDS AT MUTTON BIRD ISLAND.
DOGS WERE BEING ALLOWED TO ROAM IN THE AREA RECENTLY.
EXTENDING THE BOUNDARY OF THE MARINE PARK.
FERAL ANIMALS LIKE FOXES.
GO BACK
PEOPLE NOT FOLLOWING RULES LIKE THE SIZE OF FISH YOU CAN TAKE.
PESTICIDES.
PROTECTION OF ENVIRONMENTAL SPECIES AND EDUCATION OF THE SPECIAL NEEDS OF THE MARINE ENVIRONMENT.
PROTECTION OF THE LOCAL SPECIES IN THE AREA.
THE LOCAL PEOPLES' UNDERSTANDING OF WHAT A MARINE PARK IS.
THERE'S NOT ENOUGH INFORMATION - WE DON'T KNOW EXACTLY THE BOUNDARIES AND WE DON'T KNOW EXACTLY WHAT WE CAN AND CAN'T DO THERE.

Q7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park?

Filter: Other (not coded)

DO NOT SEE ANY REASONS FOR PROTECTING IT.
I AM NOT CONVINCED THAT THERE IS A PERCEIVED THREAT TO THE SEA.
I THINK THAT TOO MUCH PROTECTION ISN'T GOOD EITHER AS SOME OF THE ISLANDS LOOK RUN DOWN AND NEED REPAIRS. JUST SO THAT AS YOU VIEW THEM THEY LOOK MORE ATTRACTIVE TO LOCALS AND TO TOURIST.
IT IS UNIQUE
IT WILL PRESERVE THE BALANCE OF ALL THE WILDLIFE IN THE PARK.
SHOULD PROTECT AGAINST DEVELOPMENT.
THE LACK OF FISH.
TO KEEP THE BALANCE OF THE ECOLOGICAL SYSTEM.
TO PROTECT ALL MARINE LIFE, BREEDING GROUNDS AND HABITAT. THE PREVENTION OF FISHING WITHIN THE PARK ALLOWS FOR AN INCREASE OF FISH STOCKS WHICH THEN CREATES SUSTAINABLE FISHING OUTSIDE OF THE PARK.
TO PROVIDE TOURISM.
TO STABILISE THE ECO SYSTEM.
TO STOP IT FROM BEING DESTROYED.
TO STOP THE POLLUTION IN THE AREA AND THEN WE MAYBE ABLE TO CONSERVE THE MARINE LIFE.
WE CAN'T AFFORD TO LOSE ANY MORE OF THESE AREAS AND IT IS A GOOD TOURIST ATTRACTION.

Q9. In relation to marine parks, are you aware of what a sanctuary zone is?

Filter: Other (not coded)

CAN'T USE BOATS.
IT PROHIBITS SOME THINGS BUT I'M NOT SURE WHAT.
OUTER ZONE WHERE YOU ARE ALLOWED TO FISH.
YOU CANNOT ANCHOR BUT CAN DRIVE YOUR BOAT THROUGH THE AREA.

Q12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park?

Filter: Other (not coded)

CONSERVATION.
KEEPING OUT THE DEVELOPERS
QUALITY OF LIFE FOR PEOPLE .

Q13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park?

Filter: Other (not coded)

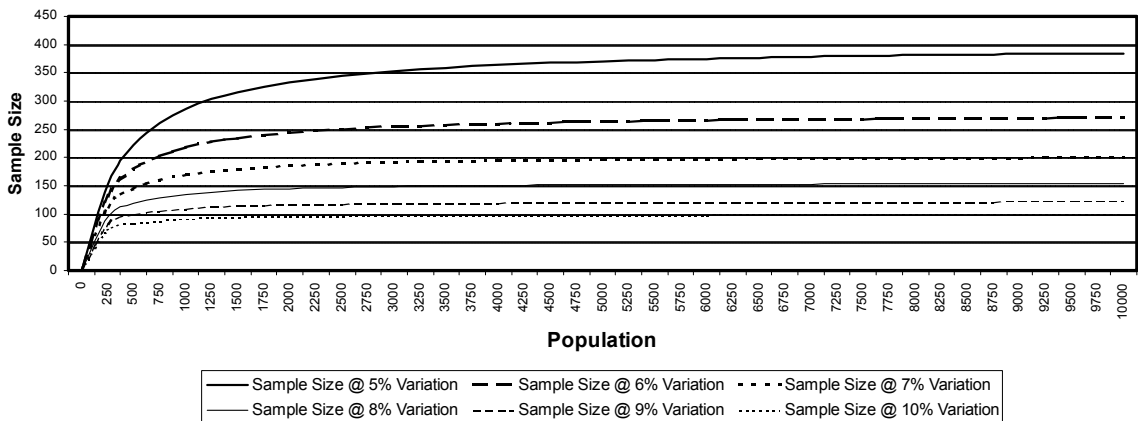
ARROGANCE OF THE MARINE PARK MANAGEMENT.
AS LONG AS PEOPLE CAN STILL ENJOY THE MARINE PARK. AND IT DOESN'T COMPLETELY CLOSE OFF TO THE LOCALS.
CONFLICT BETWEEN THE PEOPLE THAT WANT TO CONSERVE THE PARK AND THE PEOPLE THAT WANT TO FISH THE AREA.
DON'T WANT TOO MANY OF THEM
I THINK THE DRAWBACKS ARE THEY MIGHT GET TOO MUCH CONTROL AND WE WILL HAVE TOO MANY RESTRICTED AREAS. ALSO I BELIEVE THE PEOPLE THAT WORK THERE ARE WAY OVER PAID AND THERE ARE TOO MANY PEOPLE WORKING FOR THE MARINE PARK.
IN THE LONG TERM WOULD THE MONEY BE BETTER USED SOMEWHERE ELSE - DUE TO INCREASED IMPACT OF CLIMATE CHANGE COMBINED WITH NEGATIVE IMPACT OF HUMAN INTERFERENCE. WE CAN'T FULLY PROTECT THE MARINE PARK IN THE LONG TERM.
IT MAY INTERFERE WITH INDIGENOUS USE OF THE AREA.
IT WOULD BE DETRIMENTAL TO OVERLY EXTEND THEM AND MAKE ALL MARINE PARKS A SANCTUARY ZONE.
ONLY THE FACT THAT WE HAVE TO HAVE THEM TO CONSERVE THE SPECIES.
PEOPLE ARE TAKING BIG FISH OUT OF THE WATER AND CUTTING FILLETS FROM THEM AND THEN THROWING THEM BACK. PRO FISHERMAN FROM COFFS HARBOUR SETS 300 TRAPS ON A REGULAR BASIS INSIDE THE 3K LIMIT AND NEVER GETS CAUGHT. THERE ARE NOT ENOUGH PATROLS TO COVER THE AREA, NO USE GOING ON PUBLIC HOLIDAYS ETC, THEY NEED TO PATROL INTO THE NIGHT AND ON WEEK DAYS.
PEOPLE WILL HAVE TO BE MORE CAREFUL AND THINK OF OTHER THINGS RATHER THAN JUST THEMSELVES.
POLICING OF THE AREA.
THE INFRASTRUCTURE IS NOT GOOD ENOUGH TO TAKE ALL THE PEOPLE THAT USE THE PARKS.
THE PEOPLE WITH MONEY HAVE DESTROYED THE AREA AND INCREASED PRICES AND HAVE BROUGHT AN OVER VOLUME OF PEOPLE. AND THIS HAS CAUSED A LOT OF PROBLEMS FOR LOCALS AND FOR THE SOLITARY ISLAND AREA. AS THEY HAVE BROUGHT A COLLECTION OF ALL THE OTHER PROBLEMS MENTIONED IN THIS QUESTIONNAIRE.
THEY HAVE TO BE MANAGED.
UNLESS THEY ARE PREPARED TO STOP LARGE AMOUNT OF COMMERCIAL FISHING IN THE AREAS, THEN FISH QUANTITIES CAN NOT REDEVELOP. RESEARCH SHOWS THAT ONLY LARGE BLOCKS OF AREAS WITH NO COMMERCIAL FISHING CAN HELP TO REDEVELOP THE LOCATIONS AND FISH QUANTITIES. I AM ALSO AWARE OF NUMBERS OF PEOPLE WHO ARE REGISTERED PROFESSIONAL FISHERMEN THAT ARE CLEANING OUT AREAS SUCH AS MIDGE POINT. THIS IS MAKING THE FOOD CHAIN FOR FISH SO DIFFICULT TO REPRODUCE. I BELIEVE KNOW ONE IS DOING ANYTHING ABOUT THESE FISHERMEN.
YES BECAUSE ONCE YOU CAN'T VISIT THEM ANY MORE WHAT IS THE POINT OF HAVING THEM. THERE MUST BE A BETTER WAY OF PROTECTING THEM WITHOUT HARMING THEM.
YES YOU NEED TO KEEP CONTROL OF THE ANIMALS AND PLANT AND MARINE LIFE AS IT MAY SPREAD TO WHERE IT'S NOT NEEDED. AND IF IT'S COMPLETELY CLOSED WE WOULD NOT BE ABLE TO BENEFIT FROM ITS EXISTENCE.

Appendix 3:
Sampling Tolerance

It should be borne in mind throughout this report that all data based on sample surveys are subject to a sampling tolerance. That is, where a sample is used to represent an entire population, the resulting figures should not be regarded as absolute values, but rather as the mid-point of a range plus or minus x% (see sampling tolerance table below). Only variations clearly designated as significantly different are statistically valid differences and these are clearly pointed out in the Key Findings section of this report. Other divergences are within the normal range of fluctuation at a 95% confidence level; they should be viewed with some caution and not treated as statistically reliable changes.

MARGIN OF ERROR TABLE										
(95% confidence level)										
SAMPLE SIZE ↓	Percentages giving a particular answer									
	5% 95%	10% 90%	15% 85%	20% 80%	25% 75%	30% 70%	35% 65%	40% 60%	45% 55%	50% 50%
50	6	9	10	11	12	13	14	14	14	14
100	4	6	7	8	9	9	10	10	10	10
150	4	5	6	7	7	8	8	8	8	8
200	3	4	5	6	6	6	7	7	7	7
250	3	4	5	5	6	6	6	6	6	6
300	3	4	4	5	5	5	6	6	6	6
400	2	3	4	4	4	5	5	5	5	5
500	2	3	3	4	4	4	4	4	4	5
600	2	2	3	3	4	4	4	4	4	4
700	2	2	3	3	3	4	4	4	4	4
800	2	2	3	3	3	3	3	4	4	4
900	2	2	2	3	3	3	3	3	3	3
1000	1	2	2	3	3	3	3	3	3	3
1500	1	2	3	2	2	2	3	3	3	3
2000	1	1	2	2	2	2	2	2	2	2
3000	1	1	1	2	2	2	2	2	2	2

Optimum Sample Sizes to Ensure the Given Maximum Variation



Appendix 4:
Questionnaire

Project No: 8353

ENVIRONMENT NSW – SOLITARY ISLANDS MARINE PARK STUDY

Good I am from McGregor Tan Research. As an independent social and market research company, we do not sell, promote or endorse any product or service. We value your opinions and these are often used to improve services to the public, product quality or safety. We are conducting a survey about public issues and would appreciate your opinions. There are no right or wrong answers, it is just your opinion that we are after.

1. What is your understanding of the term "Marine Park"? **Unprompted multiple response**

- 01 An area established to conserve and protect the local marine environment
- 02 An area restricted to the public or closed to fishing
- 03 A theme park on the water
- 04 Other – **specify**
- 05 Don't know / no understanding

Interviewer please advise: A marine park is an area established to conserve and protect the local marine environment while allowing for ongoing sustainable use)

2. Are you aware of any marine parks around your local area? If yes, could you name them? **Unprompted multiple response**

- 01 Cape Byron Marine Park
- 02 Coffs Coast
- 03 Coffs Harbour
- 04 Cook Island Aquatic Reserve
- 05 Solitary Islands Marine Reserve
- 06 Solitary Islands Marine Park
- 07 Tweed-Morton Bioregion
- 08 Other – **specify**
- 09 Not aware of any
- 10 Don't know

Interviewer please advise: the Solitary Islands Marine Park extends from Muttonbird Island at Coffs Harbour, 75km north to Plover Islands at the Sandon River. It includes all estuaries to their tidal limits, beaches and headlands to the mean high watermark, incorporates the Solitary Island group and extends out three nautical miles.

3. Before today, were you aware that the area around Solitary Islands was a marine park ?

- 1 Yes
- 2 Don't know/not sure
- 3 No

4. In your opinion, what are the main issues affecting the Solitary Islands Marine Park? **Unprompted multiple response**

- 01 Boating
- 02 Coastal developments
- 03 Commercial fishing
- 04 Global warming / climate change
- 05 Increasing number of visitors
- 06 Introduced species
- 07 Oil spills
- 08 Pollution, marine debris, litter
- 09 Recreational fishing
- 10 Sediment runoff
- 11 Other – **specify**
- 12 Don't know/not sure

5. Using a scale of 1 to 5, where 5 is very concerned and 1 is not at all concerned, what is your level of concern about the following issues and their affects on the preservation of the Solitary Islands Marine Park? **Read out each issue**

	Very Concerned 5	4	3	2	Not at all concerned 1	Don't Know
Boating	5	4	3	2	1	6
Coastal developments	5	4	3	2	1	6
Commercial fishing	5	4	3	2	1	6
Global warming / climate change	5	4	3	2	1	6
Increasing number of visitors	5	4	3	2	1	6
Introduced species	5	4	3	2	1	6
Oil spills	5	4	3	2	1	6
Pollution, marine debris, litter	5	4	3	2	1	6
Recreational fishing	5	4	3	2	1	6
Sediment runoff	5	4	3	2	1	6

6. Overall, how would you describe your view of conserving the Solitary Islands Marine Park?

- 5 Strongly in favour
- 4 In favour
- 3 Neutral
- 2 Against
- 1 Strongly against
- 6 Don't know/not sure

7. In your opinion, what are the main reasons for protecting the Solitary Islands Marine Park? **Multiple unprompted**

- 01 Allows future generations to enjoy the marine park
- 02 Important economical benefits
- 03 Important for aboriginal and cultural heritage
- 04 Important part of the lifestyle
- 05 Provides educational benefits
- 06 Provides important location for recreation and leisure activities.
- 07 Provides important natural habitats
- 08 Supports a diverse array of marine and bird life
- 09 Other – **specify**
- 10 Don't know/not sure

8. Using a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important are the following reasons for protecting the Solitary Islands Marine Park? **Read out each reason**

	Extremely Important 5	4	3	2	Not at all Important 1	Don't Know
Allows future generations to enjoy the marine park	5	4	3	2	1	6
Important economical benefits	5	4	3	2	1	6
Important for aboriginal and cultural heritage	5	4	3	2	1	6
Important part of the lifestyle	5	4	3	2	1	6
Provides educational benefits	5	4	3	2	1	6
Provides important location for recreation and leisure activities	5	4	3	2	1	6
Provides important natural habitats	5	4	3	2	1	6
Supports a diverse array of marine and bird life	5	4	3	2	1	6

9. In relation to marine parks, are you aware of what a sanctuary zone is? **Unprompted multiple response**

- 01 An area established to conserve and protect the local marine environment
- 02 An area restricted to the public
- 03 An area used uniquely for marine research purposes
- 04 An area where neither recreational nor commercial fishing is allowed
- 05 Recreational activities that don't harm plants, animals or habitat are permitted
- 06 Other – **specify**
- 07 Don't know

(Interviewer please advise: A sanctuary zone is a part of a marine park that provides the highest level of environmental protection. Neither recreational nor commercial fishing is allowed. Recreational activities that don't harm plants, animals or habitat are permitted)

10. How strongly do you support the sanctuary zones in the Solitary Islands Marine Park?
- 5 Strongly in favour
 - 4 In favour
 - 3 Neutral
 - 2 Against
 - 1 Strongly against
 - 6 Don't know/not sure
11. How strongly do you support sanctuary zones in general?
- 5 Strongly in favour
 - 4 In favour
 - 3 Neutral
 - 2 Against
 - 1 Strongly against
 - 6 Don't know/not sure
12. What do you think are the benefits of having marine parks in New South Wales such as Solitary Islands Marine Park?
- Unprompted multiple response**
- 01 Better environment
 - 02 Cleaner sea water
 - 03 Increase in fish stocks
 - 04 Less pollution
 - 05 Less rubbish
 - 06 More pristine beaches
 - 07 Preservation of the environment for future generations
 - 08 Protection of marine habitats
 - 09 Other – **specify**
 - 10 Don't know/not sure
 - 11 None
13. What do you think are the drawbacks of having marine parks in New South Wales such as the Solitary Islands Marine Park? **Unprompted multiple response**
- 01 Less areas to fish
 - 02 Less access to beaches
 - 03 Loss of commercial benefits
 - 04 Less opportunities for recreation
 - 05 Less tourism
 - 06 Other – **specify**
 - 07 Don't know/not sure
 - 08 None

14. How often do you participate in each of the following activities (in the Solitary Islands Marine Park)?

Read out (rotate), single response for each

	More than once a week	About once a week	About once a fortnight	About once a month	About once every three months	About once every six months	About once a year	Less often	Never
Fishing	1	2	3	4	5	6	7	8	9
Snorkelling/ diving	1	2	3	4	5	6	7	8	9
Boating	1	2	3	4	5	6	7	8	9
Beach activities including swimming, walking, surfing	1	2	3	4	5	6	7	8	9

15. On a scale of 1 to 5, where 5 is extremely important and 1 is not at all important, how important in your opinion is the Solitary Islands Marine Park?

- 5 Extremely important
- 4 Important
- 3 Neither important nor not important
- 2 Not important
- 1 Not at all important
- 6 Don't know/not sure

16. Do you have a Solitary Islands Marine Park zoning plan brochure?

- 1 Yes
- 2 Don't know/not sure
- 3 No

17. Record gender:

- 1 Male
- 2 Female

18. In which of these age groups do you fall?

- 1 18 to 24
- 2 25 to 30
- 3 31 to 39
- 4 40 to 54
- 5 55 to 64
- 6 65+

19. Are you in paid employment?
If yes: What is your occupation?
1 Professional/executive
2 White collar
3 Blue collar
If no: Could you please tell me how you describe your occupation?
4 Home duties
5 Retired
6 Other (e.g. unemployed, student, etc.)
20. Which of these groups best describes this household?
1 SINGLE PEOPLE: people of any age living alone or sharing accommodation (under 40)
2 YOUNG COUPLE: married or living together with no children in the home
3 YOUNG FAMILY: couple or single parent with most children under 6
4 MIDDLE FAMILY: couple or single parent with most children aged from 6-15 years
5 MATURE FAMILY: couple or single parent with most children over 15 years and at least one still living at home
6 MATURE COUPLE OR SINGLE: couple or single in middle to late age groups with no children in the home
21. Which of the following best describes your gross Household Income? Read out, single response
1 Under \$20,000 pa
2 \$20,000-39,999 pa
3 \$40,000-59,999 pa
4 \$60,000-79,999 pa
5 \$80,000-99,999 pa
6 \$100,000+ pa
7 Refused
22. Location
1 Coffs Harbour
2 Bellingen
3 Clarence Valley

*Appendix 5:
How To Read The
Computer Tabulations*

The computer tabulations in the report show the comparisons between [1] the answers given by the total number of respondents and [2] those given by the various subgroups. This is done in the form of percentages. Under certain data, you may notice the presence of + or - signs. These indicate where there is a statistically significant difference between the responses of the subgroup (e.g. males, people over 65, etc) and the group as a whole. When the responses of the subgroup are significantly less than the group as a whole, this is shown by a minus (-) sign. If, on the other hand, there is a significantly higher response by the subgroup, then a plus (+) sign appears. The degree of significance of difference is also indicated. Where a single (- or +), double (-- or ++) or triple (--- or +++) sign occurs, you can be, respectively, 90%, 95% or 99% sure that the subgroup is in fact answering differently to the group as a whole, and that it is not just a random fluctuation in the data. (See example below)

Please note that, because of rounding, answers in single response questions will not always sum precisely to 100%.

In addition, as the base for percentages is the number of respondents answering a particular question (rather than the number of responses) multiple response questions sum to more than 100%.

Example: How would you describe yourself?

	GENDER			AGE GROUP				
	TOTAL	Male	Female	16-24	25-34	35-44	45-54	55+
Complete non-smoker	298 72%	148 70%	150 74%	59 67%	56 63%	55 69%	78 76%	50 89% +++
No. of respondents	416 100%	212 100%	204 100%	88 100%	89 100%	80 100%	103 100%	56 100%

72% of all respondents said that they were complete non-smokers

74% of all females surveyed said that they were complete non-smokers. This is not a significantly different proportion to the total of 72% (no plus or minus signs)

63% of all 25-34 year olds said that they were complete non-smokers. We are 90% sure that this age group's response is significantly fewer than the total of 72% (single minus (-) sign)

89% of all 55+ year olds said that they are complete non-smokers. We are 99% sure that this age group's response is significantly higher than the total of 72% (triple plus (+++) sign)