Consumer Confidence in Seafood:

consumer perceptions of seafood caught from the Hunter River and Port Stephens region



October 2016

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In early September 2015, the discovery of a chemical contamination around the Williamtown RAAF base in the NSW Hunter Valley was made public. The NSW Environment Protection Authority warned that chemicals - perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) had been found in surface water, groundwaters and some fish species in nearby waterways. Residents living near the base were warned to take precautions such as not eating fish or oysters from local waterways or drinking bore water.

The NSW Government formed an expert panel and conducted an investigation into this issue. The Expert Panel, after undertaking a major study, has advised that the levels of PFOS and PFOA within seafood in the region are at levels that provide minimal risk to most consumers. Commercial and recreational fishing in the Tilligerry Creek and Fullerton Cove areas has re-opened since October 1st 2016, with an ongoing restriction on dusky flathead caught in the Hunter River for commercial fishers.

A market research study was initiated to provide an estimate of the likely 'reach' and 'impact' of this issue. The research was conducted with two target groups of consumers:

- o first, among Newcastle consumers (those who live within 50km of Newcastle); and
- o secondly, consumers who live 50km-200km from Newcastle.

The surveys have provided estimates that:

- approximately 25% of Newcastle consumers (95% confidence interval of ± 4.9%) have been impacted (that is, they reported being aware of a water or species contamination issue and indicated at least some level of concern about the impact of the issue); while
- o approximately 6% (95% confidence interval of ± 2.6%) of consumers in the 50km-200km area have been similarly impacted.

When asked about what concerned them most, impacted Newcastle consumers reported concerns about:

- o the health impact of eating locally caught seafood (might make me ill);
- o the consequences of contamination on both water and seafood quality;
- o the economic impact on commercial fishers; and
- \circ $\;$ the response by, and communications from, NSW Government on the issue.

These impacted consumers were also asked about their awareness of the NSW Government decision to re-open the area following a major study by an expert panel. The results from the surveys show that:

- o 38% of impacted Newcastle consumers were aware of the decision; while
- o 35%* of impacted consumers in the 50km-200km vicinity were aware of the decision.

While not statistically significant, the analysis of this result suggests that among impacted Newcastle consumers awareness of the decision is more likely associated with higher levels of confidence in the seafood now available.

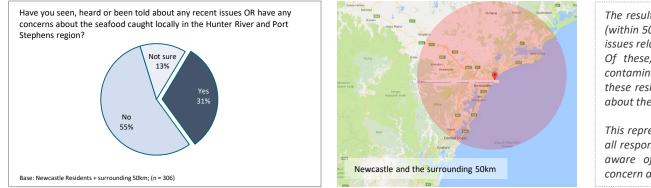
The detailed results from the market research now follows.



awareness of, and concern about, the Hunter River and Port Stephens contamination issue

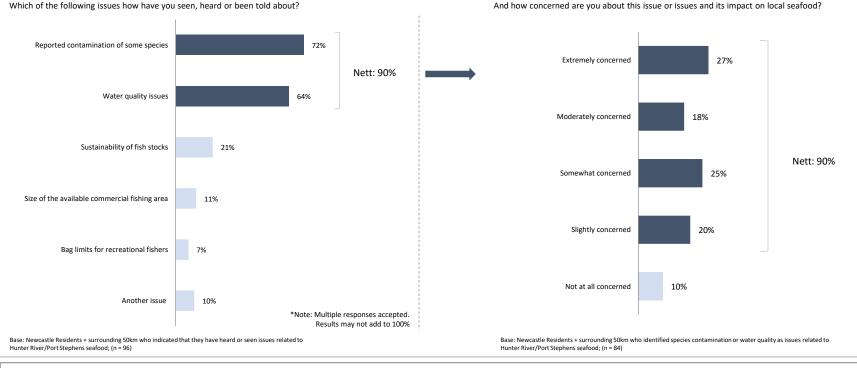


awareness of Hunter River and Port Stephens water contamination



The results indicate that 31% of Newcastle residents (within 50km) indicated that they have heard or seen issues related to Hunter River/Port Stephens seafood. Of these, 90% identified either species or water contamination as the issue they were aware of. Of these residents, 90% reported some level of concern about the issue.

This represents an estimate of approximately 25% of all respondents within 50km of Newcastle who were aware of a contamination issue and had some concern about the issue.



Which of the following issues how have you seen, heard or been told about?

What we asked:

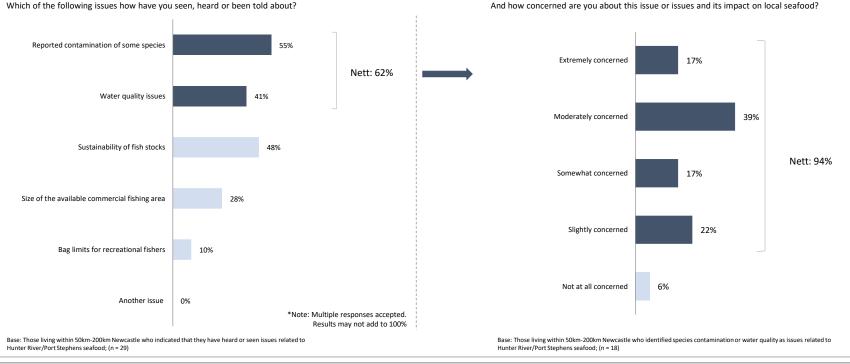
Have you seen, heard or been told about any recent issues OR have any concerns about the seafood caught locally in the Hunter River and Port Stephens region? Which of the following issues how have you seen, heard or been told about? Please select all that apply.

And how concerned are you about this issue or issues and its impact on local seafood?





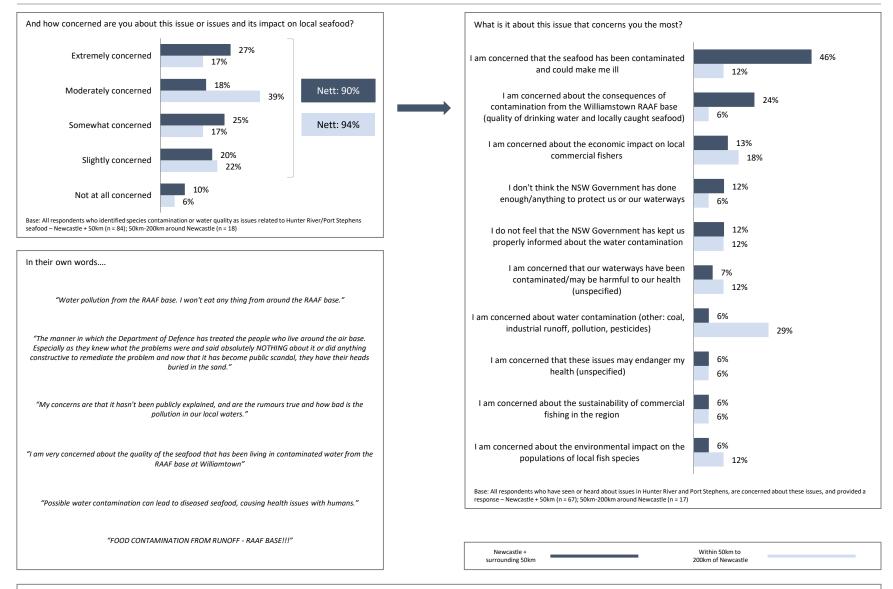




What we asked:

Have you seen, heard or been told about any recent issues OR have any concerns about the seafood caught locally in the Hunter River and Port Stephens region? Which of the following issues how have you seen, heard or been told about? Please select all that apply. And how concerned are you about this issue or issues and its impact on local seafood?



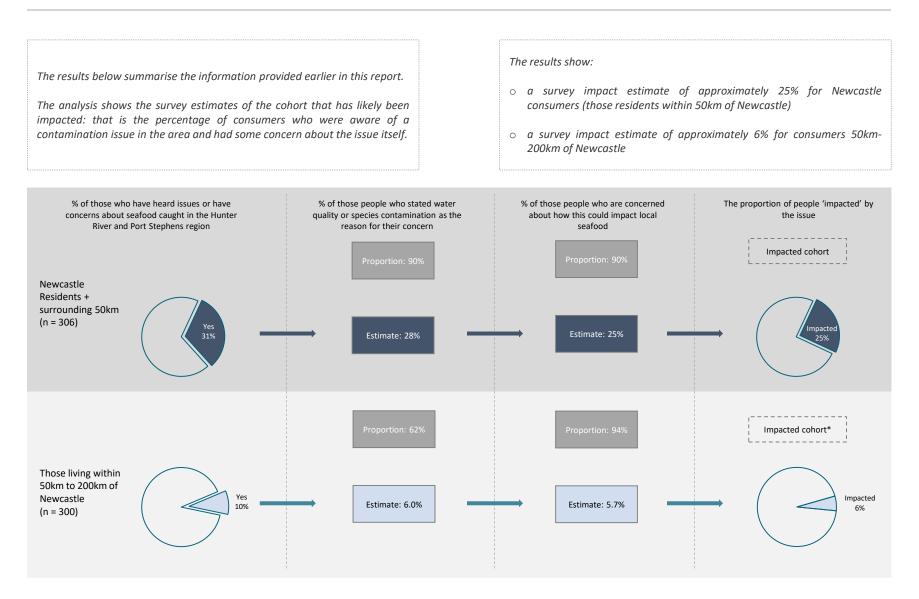


What we asked:

And how concerned are you about this issue or issues and its impact on local seafood?

What is it about this issue that concerns you the most? Please provide as much detail as possible...







profile comparison

		Th	ose living within	n 50km to 200km (n = 300)	n of Newcastle			
		Impacted (n = 76)	Not impacted (n = 260)				Impacted (n = 17)	Not impact (n = 283)
	18-24 years of age	0%	15%		18	3-24 years of age	6%	14%
	25-34 years of age	13%	18%		25	5-34 years of age	23%	22%
A = -	35-44 years of age	15%	17%			5-44 years of age	35%	20%
Age	45-54 years of age	17%	19%	A	ge 45	5-54 years of age	12%	18%
	55-64 years of age	24%	15%		55	5-64 years of age	12%	12%
	65+ years old	32%	16%		65	5+ years old	12%	14%
	Male	62%	44%		м	ale	65%	51%
Gender	Female	38%	55%	Ger	nder <mark>Fe</mark>	emale	35%	49%
	Other	0%	1%		01	ther	0%	<1%
amiliarity with loca seafood	Very familiar	15%	6%		Ve	ery familiar	29%	8%
	^I Somewhat familiar	52%	49%		/ with local <mark>Sc</mark> food	mewhat familiar	47%	39%
scalood	Not at all familiar	33%	45%			ot at all familiar	24%	53%
	More than once a week	9%	4%			ore than once a eek	47%	12%
How often they eat	Once a week	22%	17%	How ofte	n they eat O	nce a week	18%	22%
Fresh seafood	Once a fortnight	12%	16%	Freshs	seafood <mark>O</mark> I	nce a fortnight	12%	17%
	About once a month	18%	15%			oout once a onth	12%	16%
9	Single	13%	33%		Sii	ngle	35%	35%
	Married	63%	46%		м	arried	41%	51%
Household	De facto relationship	15%	13%	Hous		e facto lationship	24%	12%
	Other	8%	8%		01	ther	0%	2%
	Prefer not to say	1%	0%		Pr	efer not to say	0%	0%

impact on the perceptions of local seafood



Given the issue or issues that have occurred, would you agree or disagree that...

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not sure
The issues will have an impact on whether you buy seafood caught	Impacted Newcastle + surrounding 50km (n = 76)	1%	7%	17%	57%	17%	1%
locally in the Hunter River and Port Stephens region?	Impacted residents within 50km to 200km of Newcastle (n = 17)	0%	6%	29%	35%	30%	0%
You will wait until the issue is resolved before	Impacted Newcastle + surrounding 50km (n = 76)	0%	16%	29%	37%	14%	4%
buying locally caught seafood?	Impacted residents within 50km to 200km of Newcastle (n = 17)	0%	12%	18%	47%	23%	0%
There are sufficient controls in place to	Impacted Newcastle + surrounding 50km (n = 76)	22%	24%	22%	14%	7%	11%
manage issues like this?	Impacted residents within 50km to 200km of Newcastle (n = 17)	12%	12%	35%	23%	18%	0%
The long term impact on seafood caught in the Hunter River and Port	Impacted Newcastle + surrounding 50km (n = 76)	14%	32%	17%	22%	4%	11%
Stephens region will not be affected?	Impacted residents within 50km to 200km of Newcastle (n = 17)	12%	29%	6%	12%	35%	6%

What we asked:

Given the issue or issues that have occurred, would you agree or disagree that...

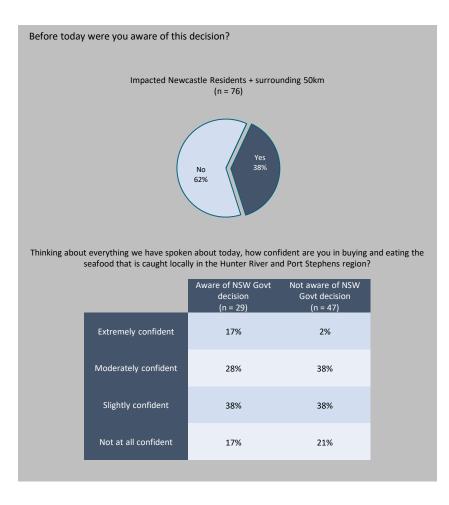


awareness of the NSW Government decision to re-open the area



impact on the perceptions of local seafood

The NSW Government formed an expert panel and conducted an investigation into this issue. The Expert Panel, after undertaking a major study, has advised that the levels of PFAS within seafood in the region are at levels that provide minimal risk to most consumers. Commercial and recreational fishing in the Tilligerry Creek and Fullerton Cove areas has re-opened since October 1st 2016, with an ongoing restriction on dusky flathead caught in the Hunter River for commercial fishers.



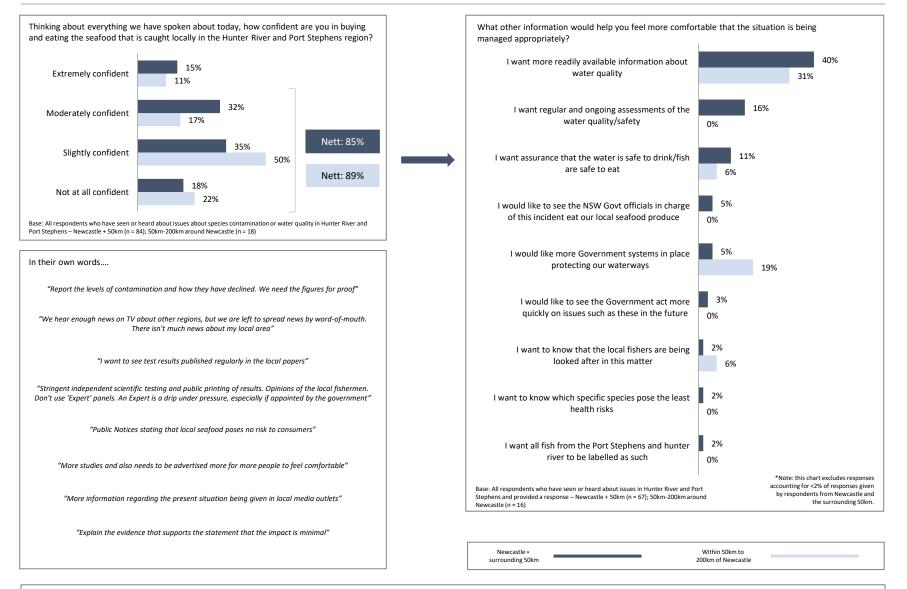
Before today were you aware of this decision? Those living within 50km to 200km of Newcastle $(n = 17)^*$ Not sure $\frac{6\%}{5\%}$ $\frac{5\%}{5\%}$ Thinking about everything we have spoken about today, how confident are you in buying and eating the seafood that is caught locally in the Hunter River and Port Stephens region? Aware of NSW Govt

	decision (n = 6)*	Govt decision (n = 11)*
Extremely confident	0%	9%
Moderately confident	17%	18%
Slightly confident	67%	45%
Not at all confident	17%	27%

What we asked:

The NSW Government formed an expert panel and conducted an investigation into this issue. The Expert Panel, after undertaking a major study, has advised that the levels of PFAS within seafood in the region are at levels that provide minimal risk to most consumers. Commercial and recreational fishing in the Tilligerry Creek and Fullerton Cove areas has re-opened since October 1st 2016, with an ongoing restriction on dusky flathead caught in the Hunter River for commercial fishers. Before today were you aware of this decision?

Thinking about everything we have spoken about today, how confident are you in buying and eating the seafood that is caught locally in the Hunter River and Port Stephens region?



What we asked:

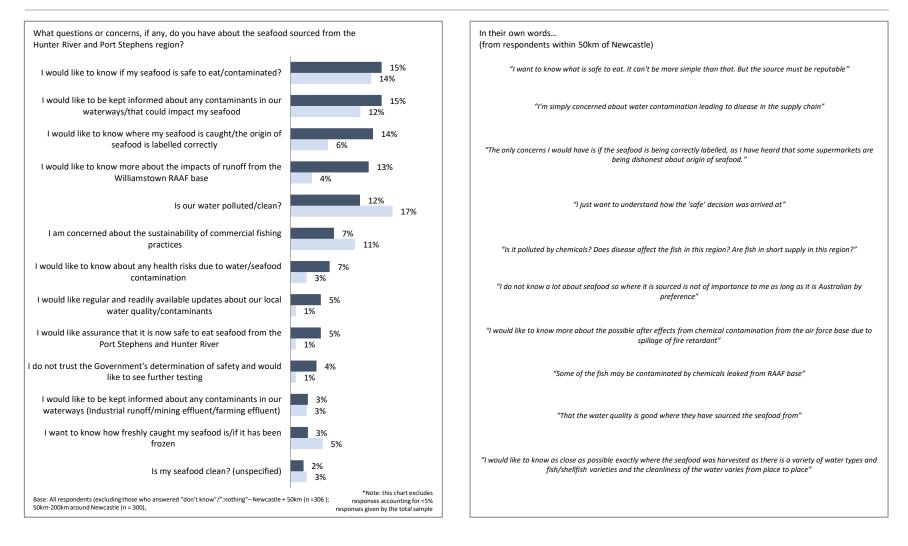
Thinking about everything we have spoken about today, how confident are you in buying and eating the seafood that is caught locally in the Hunter River and Port Stephens region? What other information would help you feel more comfortable that the situation is being managed appropriately?

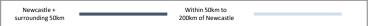


final thoughts and questions



final thoughts and questions



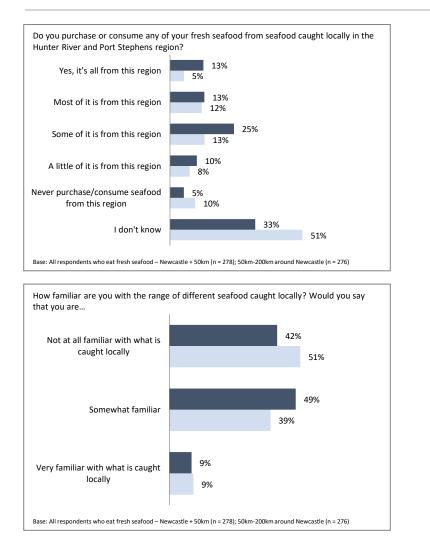


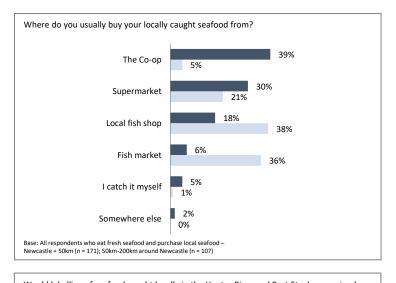
What we asked:

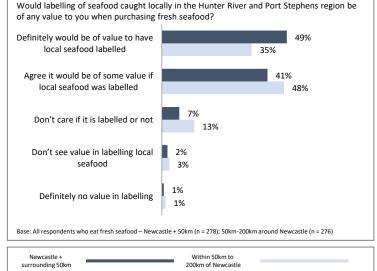
What questions or concerns, if any, do you have about the seafood sourced from the Hunter River and Port Stephens region?

perceptions & behaviours about the local seafood market









What we asked:

Do you purchase or consume any of your fresh seafood from seafood caught locally in the Hunter River and Port Stephens region? Where do you usually buy your locally caught seafood from?

How familiar are you with the range of different seafood caught locally? Would you say that you are...

Would labelling of seafood caught locally in the Hunter River and Port Stephens region be of any value to you when purchasing fresh seafood?



respondent profiles



	How often do you	eat Fresh seafood?	How often do you e	eat Frozen seafood?	How often do you e	eat Tinned seafood?
	Newcastle + surrounding 50km (n = 306)	Within 50km to 200km of Newcastle (n = 300)	Newcastle + surrounding 50km (n = 306)	surrounding 50km 200km of Newcastle		Within 50km to 200km of Newcastle (n = 300)
More than once a week	5%	14%	5%	10%	12%	16%
Once a week	18%	22%	16%	20%	16%	23%
Once a fortnight	15%	17%	14%	16%	14%	13%
About once a month	16%	15%	25%	13%	18%	11%
Six times a year (once every two months)	8%	9%	7%	8%	6%	7%
Four times a year (once every three months)	6%	3%	4%	1%	3%	3%
Three times a year (once every four months)	7%	3%	4%	2%	4%	1%
Twice a year (every six months)	7%	4%	5%	4%	4%	3%
Once a year	4%	1%	4%	1%	2%	2%
Less often	5%	4%	5%	9%	5%	6%
Never eat	7%	7%	9%	13%	14%	13%
Not sure / I don't know	2%	1%	2%	3%	2%	2%

What we asked:

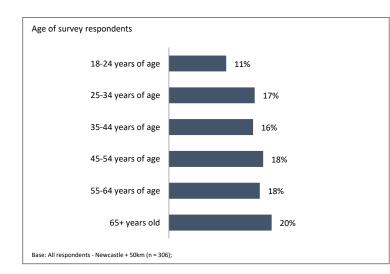
Over the past 12 months, how often would you say that you have eaten fresh seafood for a main meal?

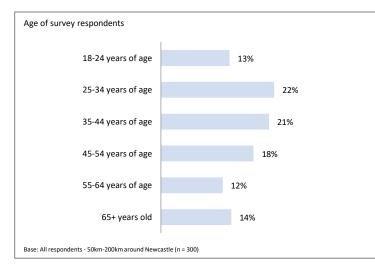
Over the past 12 months, how often would you say that you have eaten frozen fish or seafood for a main meal?

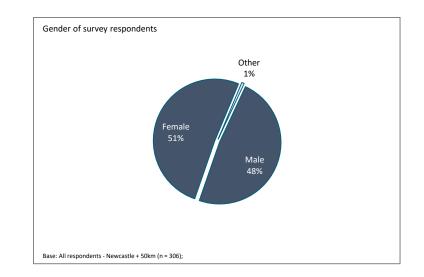
Over the past 12 months, how often would you say that you have eaten tinned fish or seafood (i.e. tinned tuna, tinned salmon, prawns or mussels) for a main meal?

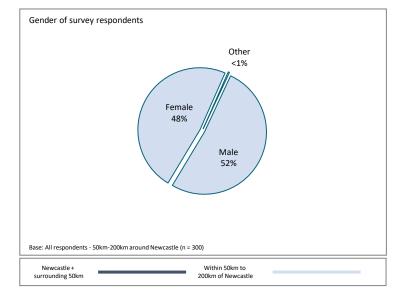


respondent profiles









What we asked:

To begin with, in which of the following age brackets do you fall... Are you...



Methodology	The study involved an online survey amongst two target groups of consumers. These target groups were: Target group 1: consumers aged 18+ who were residents of Newcastle and the surrounding 50km; Target group 2: consumers aged 18+ who were residents residing within 50km to 200km of Newcastle. Consumers were sourced via an accredited online market research panel provider; Survey Sampling International (SSI). This methodology provides a random and representative sample of consumers in a highly cost efficient way.
Sample	 The final sample size for the market research was: For target group 1: n = 306 adults living in Newcastle and the surrounding 50km; For target group 2: n = 300 adults living within 50km-200km of Newcastle. The final age and gender profile of these two samples was matched back to the ABS estimate of the population profile. It was decided that, given the similarity of the profiles, no weighting of the market research data would be required.
Questionnaire	 Respondents were asked to completed a 10 minute online survey which covered a range of topics including: Seafood consumption and purchasing behaviour; Perceptions of seafood from the Hunter River & Port Stephens region; Awareness of issues that may impact seafood from the Hunter River & Port Stephens region; Identification of the issue(s) they were aware of; Perceived impact of these issues on seafood from the Hunter River & Port Stephens region; Possible measure to abate concern stemming from these perceived impacts; and Demographics.
Timing	In total, 606 interviews were conducted between the 19 th October – 25 th October 2016.



appendix I – Technical note



Reliability of the Estimates

The estimates in this report are based on information obtained from a sample survey. Any data collection may encounter factors, known as non-sampling error, which can impact on the reliability of the resulting statistics. In addition, the reliability of estimates based on sample surveys are also subject to sampling variability. That is, the estimates may differ from those that would have been produced had all persons in the population been included in the survey.

Non-sampling error

Non-sampling error may occur in any collection, whether it is based on a sample or a full count such as a census. Sources of non-sampling error include non-response, errors in reporting by respondents or recording of answers by interviewers and errors in coding and processing data. Every effort is made to reduce non-sampling error by careful design of survey questionnaires and quality control procedures at all stages of data processing.

Sampling error

One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of persons was included. There are about two chances in three (67%) that a sample estimate will differ by less than one SE from the number that would have been obtained if all persons had been surveyed, and about 19 chances in 20 (95%) that the difference will be less than two SEs.

Calculation of Confidence Interval

If 50% of all the people in a population of 20,000 people drink coffee in the morning, and if you were repeat the survey of 377 people ("Did you drink coffee this morning?") many times, then 95% of the time, your survey would find that between 45% and 55% of the people in your sample answered "Yes".

The remaining 5% of the time, or for 1 in 20 survey questions, you would expect the survey response to more than the margin of error away from the true answer.

When you survey a sample of the population, you don't know that you've found the correct answer, but you do know that there's a 95% chance that you're within the margin of error of the correct answer.

In terms of the numbers selected above, the margin of error MoE is given by:

$$MoE = z * \sqrt{rac{\hat{p}(1-\hat{p})}{n}}$$

where *n* is the sample size, \hat{p} is the fraction of responses that you are interested in, and *z* is the <u>critical</u> <u>value</u> for the 95% confidence level (in this case, 1.96).

This calculation is based on the Normal distribution, and assumes you have more than about 30 samples.



	of Error for				Sample Size			
and	sample size survey imate.	30	50	75	100	150	200	300
	10%	n/a	n/a	n/a	± 5.88%	± 4.80%	± 4.16%	± 3.39%
	20%	n/a	± 11.09%	± 9.05%	± 7.84%	± 6.40%	± 5.54%	± 4.53%
	30%	n/a	± 12.70%	± 10.37%	± 8.98%	± 7.33%	± 6.35%	± 5.18%
late	40%	± 17.53%	± 13.58%	± 11.09%	± 9.60%	± 7.84%	± 6.79%	± 5.54%
Survey Estimate	50%	± 17.89%	± 13.86%	± 11.32%	± 9.80%	± 8.00%	± 6.93%	± 5.66%
Sur	60%	± 17.53%	± 13.58%	± 11.09%	± 9.60%	± 7.84%	± 6.79%	± 5.54%
	70%	n/a	± 12.70%	± 10.37%	± 8.98%	± 7.33%	± 6.35%	± 5.18%
	80%	n/a	± 11.09%	± 9.05%	± 7.84%	± 6.40%	± 5.54%	± 4.53%
	90%	n/a	n/a	n/a	± 5.88%	± 4.80%	± 4.16%	± 3.39%

Note. Margin of Errors are provided at the 95% confidence level on the assumption of a large population size (non-finite) and normally distributed. Results labelled "n/a" are due to the assumption of the normal distribution not being upheld ($n\hat{\rho} < 10$ or $n(1-\hat{\rho}) < 10$).

appendix II – Questionnaire



is survey should take about 5 - 10 minutes to complete. All information collected in this study is for the purposes research only and vill remain confidential. There is no right or wrong answers; we are simply interested in you you have any questions, please email us at <u>dbattitae@intuitivesolutions.com.au</u> . Screener and Profiling [QUOTA's IN FLACE TO ENSURE AGE, GENDER, AND LOCATION IS REPRESENTATIVE] 1 To begin with, in which of the following age brackets do you fall Under 18 years of age 23-34 years of age 24-34 years of age 23-34 years of age 24-34 years of age 25-34 years of age 26-34 years of age 27-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-						Consumption b	ehaviours		
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Introduction ank you for agreeing to participate in this survey. Your feedback is highly appreciated. iii survey should take about 5 - 10 minutes to complete. All information collected in this study is for the purposes research only and will remain confidential. There is no right or wrong answers; we are simply interested in your was and opinion: your have any questions, please email us at districts@intuitivesolutions.com.au. Screener and Profiling (QUOTA's IN PACE TO ENSURE AGE, GENDER, AND LOCATION IS REPRESENTATIVE; 1 To begin with, in which or the biolowing age brackets do you rall Under 18 years of sign 2 13 To begin with, in which or the biolowing age brackets do you rall Under 18 years of sign 2 13 To begin with, in which or the biolowing age brackets do you rall Under 18 years of sign 2 14 To begin with, in which or the biolowing age brackets do you rall 10 15 Set years of sign 2 16 Set years of sign 2 17 To begin with, in which or the biolowing age brackets do you rall 10 18 Set years of sign 2 18 Set years of si			FINAL 20.10.2016		seafoo	d.			
Q: Over the past 2 months, how other would you say that you have each income is or each make? Q: Over the past 2 months, how other would you say that you have each income is or each make? Q: Over the past 12 months, how other would you say that you have each income is a second polynome. We and polynome. We and polynome. We and polynome. If is the polynome. Now and polynome. If is the polynome. Screener and Profiling If is the polynome. I To begin with, in which or the hollowing age brackets do you tall Image 12 past is a gar of age 1 Is the past is tay and of a gar of age 1 Is the past is tay and of a gar of age 2 Is the past is tay and of age 1 Is the past is tay and of a gar of age 2 Is the past is tay and of age 2 Is the past is tay and of age 3 Is the past is tay and of age 2 Is the past is tay and of age 3 Is the past is tay and of age 1 Is the past is tay and of age 3 Is the past is tay and of age 3 Is the past is tay and of age 3 Is the past is tage of tage					Q4	Over the past 12 months, how often would you say	that you have eaten f	resh seafood fo	r a main mea
main meal? main meal? Over any greening to participate in this survey. Your feedback is highly appreciated. in survey should take about 5 - 10 minutes to complete. All information collected in this study is for the purposes freewards only and will remain confidential. There is no right or wrong answers; we are simply interested in your wave any questions, please email us at ghartista@intuitivesolutions.com.au. Screener and Profiling IQUOTA's IN PLACE TO ENSURE AGE, GENDER, AND LOCATION IS REPRESENTATIVE; 12 To begin with, in which of the following age brackets do you fail. Inser 18 years of sige 1 12-24 years of sige 2 13-34 years of sige 2 13-34 years of sige 3			Introduction		Q5	Over the past 12 months, how often would you say	that you have eaten f	rozen fish or s	afood for a
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wews and opinions. Prease that Prease that Prease that you have any questions, please email us at <u>disatista@intuitivesolutions.com.au</u> . More than once a week: 1 1 1 Screener and Profiling Gote a versit 3 3 1 I/QUOTA's IN PLACE TO ENSURE AGE, GENDER, AND LOCATION IS REPRESENTATIVE/ 1 Screener and Profiling 6 6 11 To begin with, in which of the following age brackets do you tall 1 <td< td=""><td>nis su</td><td>rvey should take about 5 - 10 minu</td><td>tes to complete. All information coll</td><td>ected in this study is for the purposes</td><td></td><td>tinned tuna, tinned salmon, prawns or mussels</td><td>;) for a main meal?</td><td></td><td></td></td<>	nis su	rvey should take about 5 - 10 minu	tes to complete. All information coll	ected in this study is for the purposes		tinned tuna, tinned salmon, prawns or mussels	;) for a main meal?		
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65+ years old 7 Prefer not to say TERMINATE 99 2 Are you Male Premaie 0ther 3		55-64 years of age	-	6	Q7		ood from seafood cau	ght locally in the	Hunter River
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Male 1 Female 2 Other 3						Most of it is from this region		2	
Male 1 Female 2 Other 3	2	Are you				Some of it is from this region		3	
Female 2 Other 3						A little of it is from this region		4	
Other 3 I don't know where the seafood I purchase/consume has been caught 99						Never purchase/consume seafood from this region		5	
						I don't know where the seafood I purchase/consume has	been caught	99	,
3 What postcode do you reside in? [IF Q7 > 5 GO TO Q9 OTHERWISE CONTINUE]		erener					·		
	22	What appende de concentration							
	کخ	what postcode do you reside in?				The diversion of the continue?			
Postcade XXXXX		Postcode		XXXXX					

Q8 Where do you usually buy your locally caught seafood from?

The Co-op	1
Fish market	2
Local fish shop	3
Supermarket	4
I catch it myself	5
Somewhere else (please specify)	90

Q9 How familiar are you with the range of different seafood caught locally? Would you say that you are

Very familiar with what is caught locally	1
Somewhat familiar	2
Not at all familiar with what is caught locally	5

Q10 Would labelling of seafood caught locally in the Hunter River and Port Stephens region be of any value to you when purchasing fresh seafood?

Definitely, would be of value to have local seafood labelled	1
Agree It would be of some value if local seafood was labelled	2
Don't care if it is labelled or not	3
Don't see value in labelling local seafood	4
Bafinitely.no value in labelling	5

Local seafood experience

In this section we would like to ask you about your experiences with local seafood.

Q11 On a scale of 0 to 10, where 0 is poor and 10 is excellent, how would you rate the seafood caught locally in the Hunter River and Port Stephens region?

Poor										Excellent	Not sure
0	1	2	3	4	5	6	7	8	9	10	99

Q12 And how confident are you in buying and eating the seafood that is caught locally in the Hunter River and Port Stephens region?

Not at all confident	1
Slightly confident	2
Moderately confident	3
Extremely confident	4

Q13 Have you seen, heard or been told about any recent issues OR have any concerns about the seafood caught locally in the Hunter River and Port Stephens region?

Yes	1
No	2
Not sure	99

[IF Q13 = 2 OR 99, GO TO Q21]

Q14 And which of the following issues how have you seen, heard or been told about? Please select all that apply.

Size of the available commercial fishing area	1
Sustainability of fish stocks	2
Reported contamination of some species	з
Bag limits for recreational fishers	4
Water quality issues	5
Another issue (please specify what this was)	90

[IF Q14 = 3 OR 5 CONTINUE OTHERWISE GO TO Q21]



Q15 And how concerned are you about this issue or issues and its impact on local seafood?

Not at all concerned	1
Slightly concerned	2
Somewhat concerned	3
Moderately concerned	4
Extremely concerned	5

[IF Q15>1 CONTINUE; OTHERWISE GO TO Q17]

Q16 What is it about this issue that concerns you the most? Please provide as much detail as possible.

Q17 Given the issue or issues that have occured, would you agree or disagree that...

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Not sure
The issues will have an impact on whether you buy seafood caught locally in the Hunter River and Port Stephens region?	1	2	з	4	5	99
You will wait until the issue is resolved before buying locally caught seafood?	1	2	3	4	5	99
There are sufficient controls in place to manage issues like this?	1	2	3	4	5	99
The (png.term, impact on seafood caught in the Hunter River and Port Stephens region will not be affected?	1	2	з	4	5	99

Q18 The NSW Government formed an expert panel and conducted an investigation into this issue. The Expert Panel, after undertaking a major study, has advised that the levels of PFAS within seafood in the region are at levels that provide minimal risk to most consumers. Commercial and recreational fishing in the <u>Tilligercy</u> Creek and Fullerton Cove areas has re-opened since October 1st 2016, with an ongoing restriction on dusky flathead caught in the Hunter River for commercial fishers.

Before today, were you aware of this decision?

Yes	1
No	2
Not sure	99

Q19 Thinking about everything we have spoken about today, how confident are you in buying and eating the seafood that is caught locally in the Hunter River and Port Stephens region?

Not at all confident	1
Slightly confident	2
Moderately confident	3
Extremely confident	4

[IF Q19<4 CONTINUE; OTHERWISE GO TO Q21]

Q20 What other information would help you feel more comfortable that the situation is being managed appropriately?

Please provide as much detail as possible.

[ASK ALL]

Q21 What questions or concerns, if any, do you have about the seafood sourced from the Hunter River and Port Stephens region?

Please provide as much detail as possible.

Profiling

Finally, we would like to ask you a few things about you.

Q22 Which one of the following best describes your household situation?

Single	1
Married	2
Living in a de facto relationship	3
Other	90
Prefer not to say	99



	Yes, they live with me in this household	CONTINUE	1
	Yes, but they live elsewhere	GO TO Q25	2
	No, do not have children	GO TO Q25	3
		I	
24	What is the age of the youngest child living with you	1?	
	3 years or younger		1
	4-9 years		2
	10-17 years		3
	18-24 years		4
	25 years or older		5
	\$50,001 - \$75,000		3
	Under \$25,000		1
	\$25,001 - \$50,000		2
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Consumer Confidence in Seafood: consumer perceptions of seafood caught from the Hunter River and Port Stephens region

October 2016

want more information?

Contact Intuitive Solutions

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