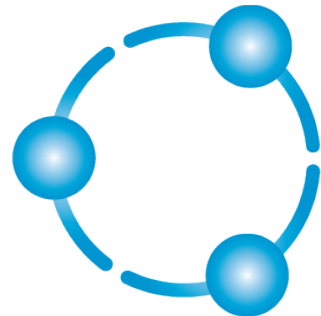


Climate Change Survey

Prepared for:
Institute of Public Affairs
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1. Methodology



Methodology

- ▶ This study was conducted on the Galaxy Omnibus on the weekend of 23-25 March, 2012.
- ▶ The sample was 1,051 respondents aged 18 years and older distributed throughout Australia, as follows:
 - NSW/ACT 318
 - Victoria/Tasmania 295
 - Queensland 187
 - South Australia 126
 - Western Australia 125
- ▶ Interviews were conducted using CATI (computer assisted telephone interviewing) with telephone numbers randomly selected from electronic White Pages. All interviewers were personally trained and briefed on the requirements of the study.
- ▶ Age, gender and region quotas were applied to the sample.
- ▶ Following the completion of interviewing, the data was weighted by age, gender and region to reflect the latest ABS population estimates.



2. Main Findings



Main Findings

Attitude to global warming	April/ May 2010	18/20 Feb 2011	23/25 Mar 2012
	<u>%</u>	<u>%</u>	<u>%</u>
The world is warming and man's emissions are to blame	35	34	34
The variation in global temperature is just part of the natural cycle of nature	26	26	29
There is conflicting evidence and I'm not sure what the truth is	38	38	36
None/ Don't know	1	2	1

- ▶ Despite the recent floods that have ravaged Australia there has been little change in community attitude towards global warming over the past 12 months. Overall, 34% blame man's emissions for global warming, 29% believe it is just part of the natural cycle of nature and 36% remain unsure.



Main Findings *.... continued*

- ▶ Opinion on the reliability of Tim Flannery as a source of information about climate change is divided, with 31% finding him reliable and 24% finding him unreliable.
- ▶ A sizeable minority (45%) are uncommitted. This will include those not sure how reliable he is as a source of information as well as those who don't know who he is.



3. Questionnaire

SECTION A – ASK RESPONDENTS AGED 18+. OTHERS GO TO NEXT SECTION

- A1. Thinking now about global warming. Which one of these statements best matches your view? **READ OUT 1-3**
- | | | |
|---|---|-----------|
| The world is warming and man's emissions are to blame..... | 1 | <u>SR</u> |
| The variation in global temperature is just part of the natural cycle of nature | 2 | |
| There is conflicting evidence and I'm not sure what the truth is..... | 3 | |
| None/ Don't know | 4 | |
-
- A2. Thinking about Tim Flannery, who is often quoted on climate change matters. Overall, do you consider Tim Flannery a reliable or an unreliable source of information about climate change?
- | | | |
|--|---------------------------|-----------|
| IF RELIABLE Is that very reliable or somewhat reliable? | | <u>SR</u> |
| | Very reliable..... | 1 |
| | Somewhat reliable | 2 |
| | Somewhat unreliable | 3 |
| | Very unreliable..... | 4 |
| IF UNRELIABLE Is that very unreliable or somewhat unreliable? | None/ Don't know..... | 5 |



4. Detailed Tabular Findings



Tables

▶ **The tables of findings are set out such that they include the following details:**

1 BASE: Wght Sample (000's):

The number of completed interviews has been weighted to reflect the latest ABS population estimates. These estimates are shown in thousands (000's). The percentages in the table are based on these weighted figures.

2 WEIGHTS:

This indicates that in order to reflect the latest ABS population estimates the data has been weighted by age, gender and area.

3 FILTERS (Where applicable):

If the table is based on a subset of respondents then this will be titled as a Filter and accompanied by a description of the sample upon which the table is based.

4 RESPONDENTS:

These figures show the actual sample size, indicating the total number of respondents who were asked the relevant question.



Tables ... continued

▶ Each question has been analysed by a series of demographic variables as follows:

→ **SEX:**

- Male
- Female

→ **AGE:**

- 18-24 years
- 25-34 years
- 35-49 years
- 50 years or older

→ **MARITAL STATUS:**

- Married (married/de facto/living together)
- Not married (never married/separated/divorced/widowed)

→ **MAIN GROCERY BUYER:**

- Yes/Shared
- No

→ **CHILDREN AT HOME:**

- Children under 18 living in the household
- No children under 18 living in the household



Tables ... continued

→ WORK STATUS:

- Working full-time
- Working part-time
- Not working

→ SOCIO-ECONOMIC STATUS:

- *Occupation of the main income earner of the household:*
 - White collar (professional/senior management, upper white collar, lower white collar)
 - Blue collar (upper blue collar, lower blue collar)

→ LOCATION:

- NSW / ACT
- Victoria / Tasmania
- Queensland
- South Australia
- Western Australia

→ CAPITAL CITY:

- Sydney, Melbourne, Brisbane, Adelaide or Perth
- Rest of Australia



Tables ... continued

- **HOUSEHOLD INCOME:**
 - Under \$40,000
 - \$40,000 - \$69,999
 - \$70,000 plus

- **HIGHEST LEVEL OF SCHOOLING:**
 - Below Year 12
 - Year 12

GALAXY RESEARCH

TABLE 1 Standard Banner 1 *BY* A1. Attitude to global warming

BASE: WGHT SAMPLE (000s)

WEIGHTS: Age/Sex/Area

	Total	Sex		Age				Marital Status		Grocery Buyer		Children		Work Status			S.E.S.	
		Male	Female	18-24	25-34	35-49	50+	Marr-ied	Not Marr-ied	Yes	No	Yes	No	Full Time	Part Time	Not Working	White	Blue
RESPONDENTS	1051	520	531	103	112	385	451	696	355	725	326	430	621	448	217	386	583	468
WGHT SAMPLE (000s)	17173	8362	8811	2088	2967	5097	7021	10940	6233	11514	5659	6887	10286	7258	3538	6377	9486	7687
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
A1. Attitude to global warming																		
The world is warming and man's emissions are to blame	5874 34%	2984 36%	2890 33%	850 41%	803 27%	2057 40%	2163 31%	3662 33%	2211 35%	3971 34%	1902 34%	2274 33%	3600 35%	2475 34%	1379 39%	2019 32%	3756 40%	2118 28%
The variation in global temperature is just part of the natural cycle of nature	4911 29%	2569 31%	2342 27%	314 15%	907 31%	1192 23%	2498 36%	3403 31%	1508 24%	3292 29%	1619 29%	1759 26%	3152 31%	2124 29%	794 22%	1994 31%	2293 24%	2618 34%
There is conflicting evidence and I'm not sure what the truth is	6207 36%	2768 33%	3438 39%	906 43%	1257 42%	1838 36%	2206 31%	3826 35%	2380 38%	4096 36%	2111 37%	2854 41%	3352 33%	2604 36%	1365 39%	2238 35%	3365 35%	2841 37%
None/ Don't know	181 1%	40 0%	141 2%	17 1%		10 0%	154 2%	48 0%	133 2%	154 1%	27 0%		181 2%	55 1%		126 2%	72 1%	109 1%
TOTALS	17173 100%	8362 100%	8811 100%	2088 100%	2967 100%	5097 100%	7021 100%	10940 100%	6233 100%	11514 100%	5659 100%	6887 100%	10286 100%	7258 100%	3538 100%	6377 100%	9486 100%	7687 100%

GALAXY RESEARCH

TABLE 2 Standard Banner 2 *BY* A1. Attitude to global warming

BASE: WGHT SAMPLE (000s)

WEIGHTS: Age/Sex/Area

	Total	State					Capital City		Household Income			Schooling	
		NSW	Vic/Tas	Qld	SA	WA	Yes	No	< \$40K	\$40K-\$69K	\$70K+	Below Year 12	Year 12
RESPONDENTS	1051	318	295	187	126	125	670	381	262	201	478	346	705
WGHT SAMPLE (000s)	17173	6004	4757	3367	1347	1698	10587	6586	4369	3260	7794	5537	11636
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
A1. Attitude to global warming													
The world is warming and man's emissions are to blame	5874 34%	1987 33%	1935 41%	851 25%	455 34%	646 38%	3738 35%	2136 32%	1369 31%	1242 38%	2817 36%	1265 23%	4609 40%
The variation in global temperature is just part of the natural cycle of nature	4911 29%	1724 29%	1144 24%	1302 39%	323 24%	418 25%	2672 25%	2239 34%	1357 31%	1004 31%	1965 25%	1971 36%	2940 25%
There is conflicting evidence and I'm not sure what the truth is	6207 36%	2226 37%	1632 34%	1184 35%	558 41%	606 36%	4039 38%	2168 33%	1530 35%	1002 31%	3001 39%	2203 40%	4003 34%
None/ Don't know	181 1%	67 1%	45 1%	30 1%	10 1%	29 2%	138 1%	43 1%	113 3%	12 0%	10 0%	97 2%	84 1%
TOTALS	17173 100%	6004 100%	4757 100%	3367 100%	1347 100%	1698 100%	10587 100%	6586 100%	4369 100%	3260 100%	7794 100%	5537 100%	11636 100%

GALAXY RESEARCH

TABLE 3 Standard Banner 1 *BY* A2. Tim Flannery reliable /unreliable source of information about climate change
 BASE: WGHT SAMPLE (000s)
 WEIGHTS: Age/Sex/Area

	Total	Sex		Age				Marital Status		Grocery Buyer		Children		Work Status			S.E.S.	
		Male	Female	18-24	25-34	35-49	50+	Marr-ied	Not Marr-ied	Yes	No	Yes	No	Full Time	Part Time	Not Working	White	Blue
RESPONDENTS	1051	520	531	103	112	385	451	696	355	725	326	430	621	448	217	386	583	468
WGHT SAMPLE (000s)	17173	8362	8811	2088	2967	5097	7021	10940	6233	11514	5659	6887	10286	7258	3538	6377	9486	7687
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
A2. Tim Flannery reliable /unreliable source of information about climate change																		
TOTAL RELIABLE																		
Very reliable	2047	1035	1012	62	173	835	977	1415	632	1583	464	832	1215	840	454	753	1567	479
	12%	12%	11%	3%	6%	16%	14%	13%	10%	14%	8%	12%	12%	12%	13%	12%	17%	6%
Somewhat reliable	3200	1463	1737	440	450	1086	1224	2090	1110	2238	961	1349	1851	1275	623	1302	1891	1309
	19%	17%	20%	21%	15%	21%	17%	19%	18%	19%	17%	20%	18%	18%	18%	20%	20%	17%
**SUBTOTALS	5247	2497	2749	503	623	1921	2200	3505	1741	3821	1426	2181	3066	2114	1077	2055	3459	1788
	31%	30%	31%	24%	21%	38%	31%	32%	28%	33%	25%	32%	30%	29%	30%	32%	36%	23%
TOTAL UNRELIABLE																		
Somewhat unreliable	3006	1663	1344	367	490	930	1219	1900	1107	1875	1132	1260	1746	1387	601	1018	1723	1284
	18%	20%	15%	18%	17%	18%	17%	17%	18%	16%	20%	18%	17%	19%	17%	16%	18%	17%
Very unreliable	1198	808	390	57	74	240	828	815	384	735	463	243	955	527	187	485	524	675
	7%	10%	4%	3%	2%	5%	12%	7%	6%	6%	8%	4%	9%	7%	5%	8%	6%	9%
**SUBTOTALS	4205	2471	1734	424	564	1170	2047	2715	1490	2610	1595	1504	2701	1914	788	1503	2246	1958
	24%	30%	20%	20%	19%	23%	29%	25%	24%	23%	28%	22%	26%	26%	22%	24%	24%	25%
None/ Don't know	7722	3394	4328	1161	1781	2006	2774	4721	3001	5083	2639	3203	4519	3230	1673	2819	3781	3940
	45%	41%	49%	56%	60%	39%	40%	43%	48%	44%	47%	47%	44%	45%	47%	44%	40%	51%
TOTALS	17173	8362	8811	2088	2967	5097	7021	10940	6233	11514	5659	6887	10286	7258	3538	6377	9486	7687
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

GALAXY RESEARCH

TABLE 4 Standard Banner 2 *BY* A2. Tim Flannery reliable /unreliable source of information about climate change
 BASE: WGHT SAMPLE (000s)
 WEIGHTS: Age/Sex/Area

	Total	State					Capital City		Household Income			Schooling	
		NSW	Vic/Tas	Qld	SA	WA	Yes	No	< \$40K	\$40K-\$69K	\$70K+	Below Year 12	Year 12
RESPONDENTS	1051	318	295	187	126	125	670	381	262	201	478	346	705
WGHT SAMPLE (000s)	17173	6004	4757	3367	1347	1698	10587	6586	4369	3260	7794	5537	11636
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
A2. Tim Flannery reliable /unreliable source of information about climate change													
TOTAL RELIABLE													
Very reliable	2047 12%	659 11%	715 15%	283 8%	191 14%	199 12%	1364 13%	683 10%	369 8%	462 14%	1103 14%	261 5%	1785 15%
Somewhat reliable	3200 19%	1172 20%	858 18%	581 17%	270 20%	319 19%	1883 18%	1317 20%	695 16%	675 21%	1575 20%	970 18%	2230 19%
**SUBTOTALS	5247 31%	1831 30%	1572 33%	865 26%	460 34%	518 31%	3246 31%	2000 30%	1065 24%	1137 35%	2678 34%	1232 22%	4015 35%
TOTAL UNRELIABLE													
Somewhat unreliable	3006 18%	1075 18%	709 15%	827 25%	220 16%	176 10%	1815 17%	1191 18%	738 17%	583 18%	1433 18%	1043 19%	1964 17%
Very unreliable	1198 7%	590 10%	271 6%	241 7%	11 1%	86 5%	707 7%	492 7%	363 8%	289 9%	389 5%	519 9%	679 6%
**SUBTOTALS	4205 24%	1665 28%	979 21%	1068 32%	230 17%	262 15%	2522 24%	1683 26%	1101 25%	872 27%	1822 23%	1562 28%	2643 23%
None/ Don't know	7722 45%	2508 42%	2205 46%	1435 43%	656 49%	918 54%	4819 46%	2903 44%	2203 50%	1250 38%	3294 42%	2743 50%	4979 43%
TOTALS	17173 100%	6004 100%	4757 100%	3367 100%	1347 100%	1698 100%	10587 100%	6586 100%	4369 100%	3260 100%	7794 100%	5537 100%	11636 100%



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