

# Canadian Institute of Planners

## CIP Climate Change Survey Spring 2012

### All Years Comparative Analysis

Prepared by Framework Partners Inc.

March, 2012

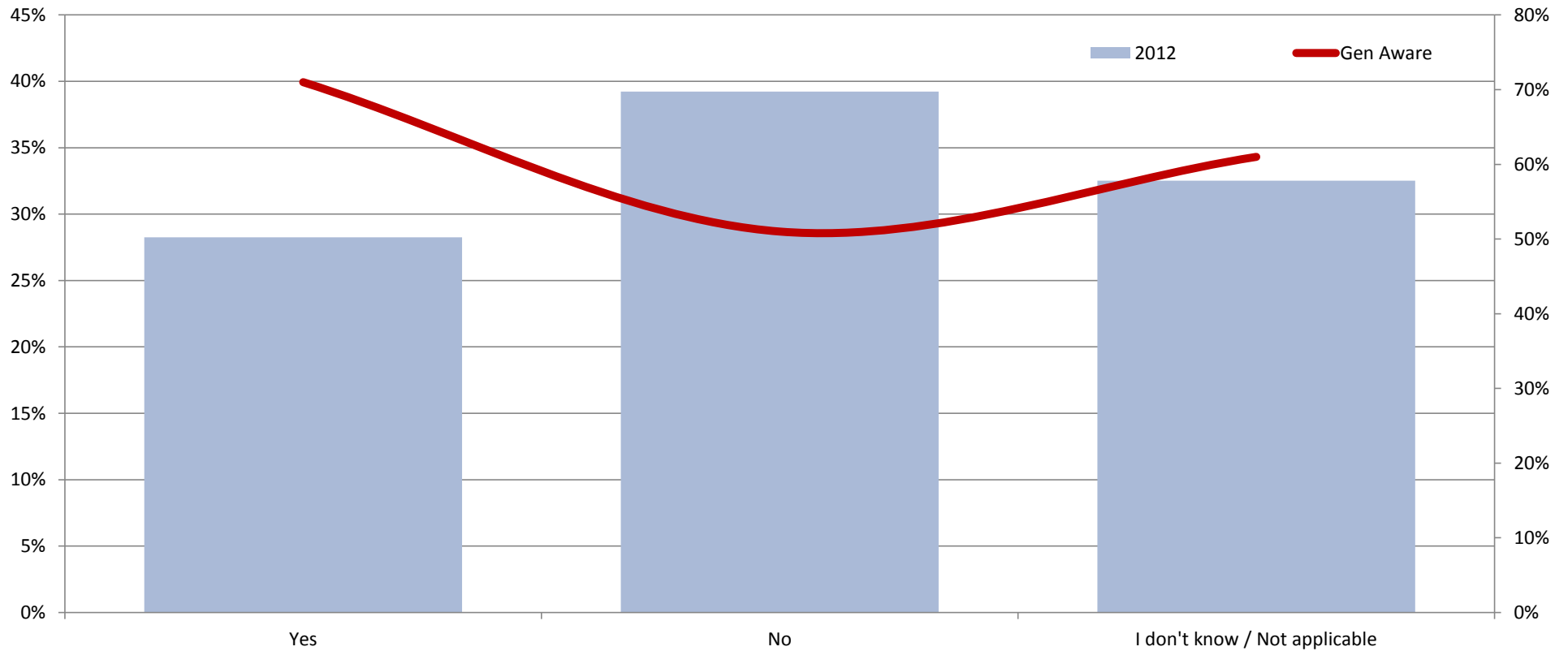
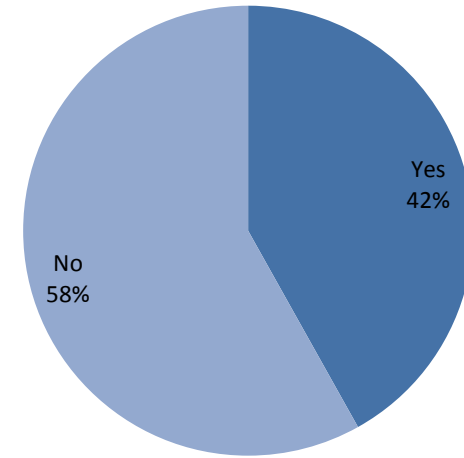


Survey designed and administered  
by Framework Partners Inc.

# Framework

Please indicate whether you participated in the climate change (CC) survey conducted in the spring of 2011.

Response	2012					Gen Aware.
	Count	Abs %	Rel %	Cumu %	Rank	
1 Yes	392	28%	28%	28%	3	71%
2 No	544	39%	39%	67%	1	51%
3 I don't know / Not applicable	451	33%	33%	100%	2	61%
No Response		0%				
	1,387	100%	100%	100%		

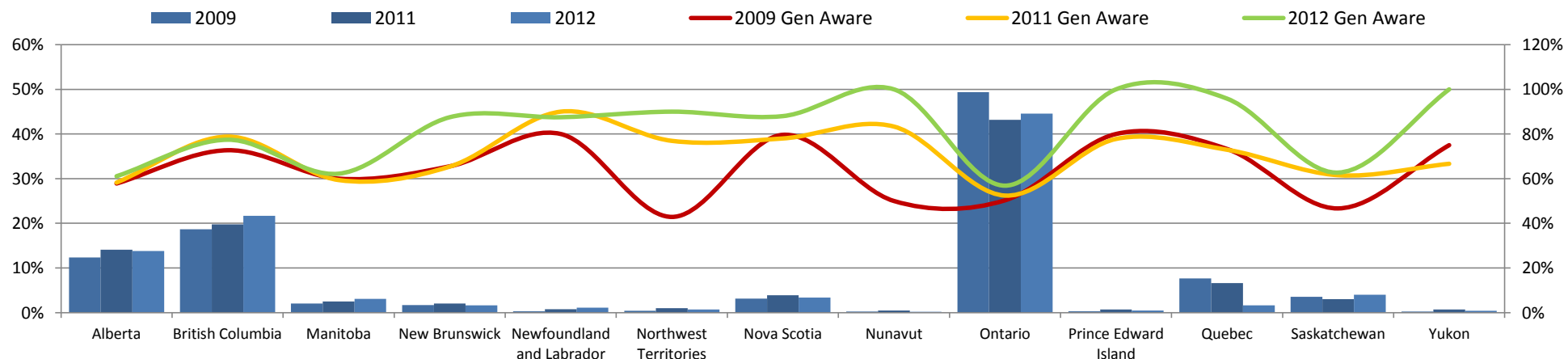


Please indicate in which geographical region you conduct the majority of your planning work (check all that apply):

**Provincial Summary**

Response	2009			2011			2012			Delta
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 Alberta	211	12%	58%	182	14%	58%	203	14%	61%	6%
2 British Columbia	319	19%	73%	255	20%	79%	319	22%	77%	6%
3 Manitoba	35	2%	60%	32	2%	59%	45	3%	62%	4%
4 New Brunswick	29	2%	66%	26	2%	65%	24	2%	88%	34%
5 Newfoundland and Labrador	5	0%	80%	10	1%	90%	16	1%	88%	9%
6 Northwest Territories	7	0%	43%	13	1%	77%	10	1%	90%	110%
7 Nova Scotia	54	3%	80%	50	4%	78%	50	3%	88%	11%
8 Nunavut	4	0%	50%	6	0%	83%	3	0%	100%	100%
9 Ontario	843	49%	50%	557	43%	52%	656	45%	57%	13%
10 Prince Edward Island	5	0%	80%	9	1%	78%	7	0%	100%	25%
11 Quebec	131	8%	73%	85	7%	73%	24	2%	96%	31%
12 Saskatchewan	60	4%	47%	39	3%	62%	59	4%	63%	34%
13 Yukon	4	0%	75%	9	1%	67%	6	0%	100%	33%
14 United States of America		0%			0%		7	0%	100%	
15 Other (please specify)	50	3%	60%	17	1%	71%	44	3%	59%	-2%
16 No Response	86			6			14			
	1,843	100%		1,218	100%		1,387	100%		

**Relative Responses and Gen Awareness**

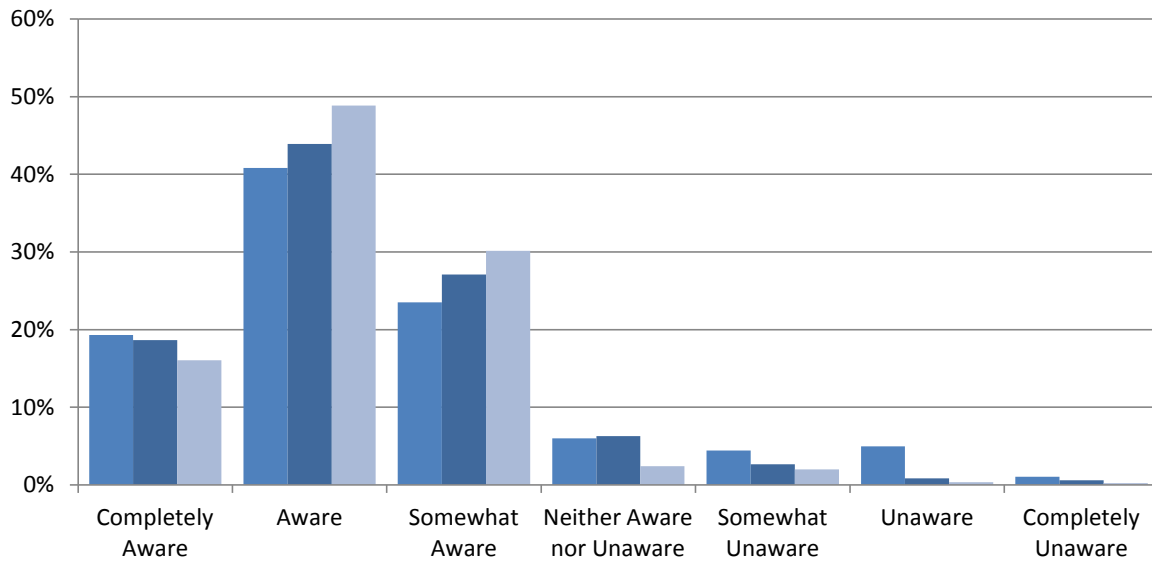


Please indicate your level of awareness of the impact of climate change on planning issues. Would you say that you are:

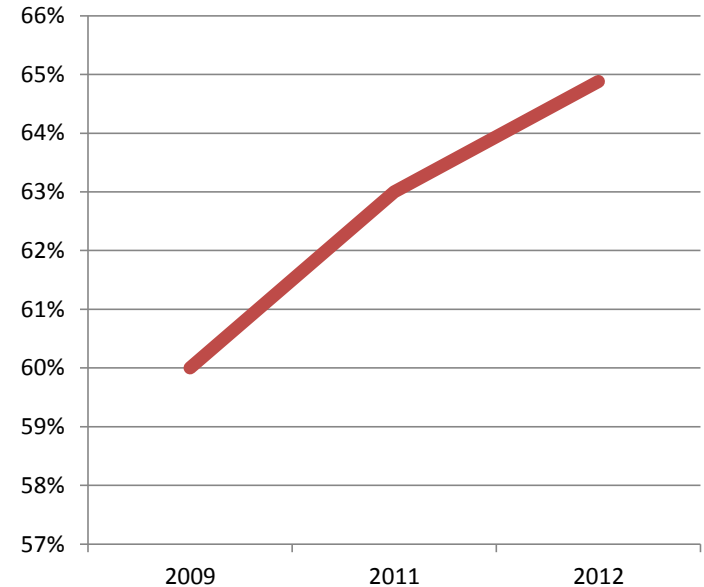
Response	2009			2011			2012			Delta %
	Count	Rel %	Rank	Count	Rel %	Rank	Count	Rel %	Rank	
1 Completely Aware	331	19%	3	223	19%	3	219	16%	3	-17%
2 Aware	700	41%	1	525	44%	1	666	49%	1	20%
3 Somewhat Aware	403	23%	2	324	27%	2	411	30%	2	28%
4 Neither Aware nor Unaware	103	6%	4	75	6%	4	33	2%	4	-60%
5 Somewhat Unaware	76	4%	6	32	3%	5	27	2%	5	-55%
6 Unaware	85	5%	5	10	1%	6	5	0%	6	-93%
7 Completely Unaware	18	1%	7	7	1%	7	3	0%	7	-79%
8 I don't know / NA	9			7			4			
No Response	118			15			19			
<b>Totals</b>	<b>1,843</b>	<b>100%</b>		<b>1,218</b>	<b>100%</b>		<b>1,387</b>	<b>100%</b>		
9 Average				2.55			2.35			-11%
10 Score				74%			77%			6%
11 Top Two				60%			63%			8%

Relative Responses

■ 2009 ■ 2011 ■ 2012



Top Two

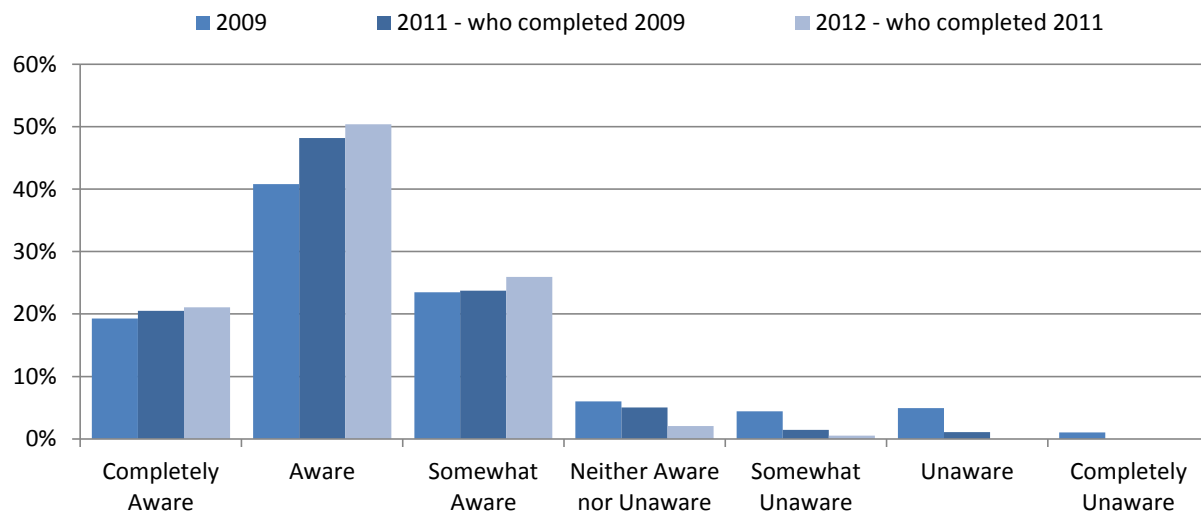


Please indicate your level of awareness of the impact of climate change on planning issues. Would you say that you are:

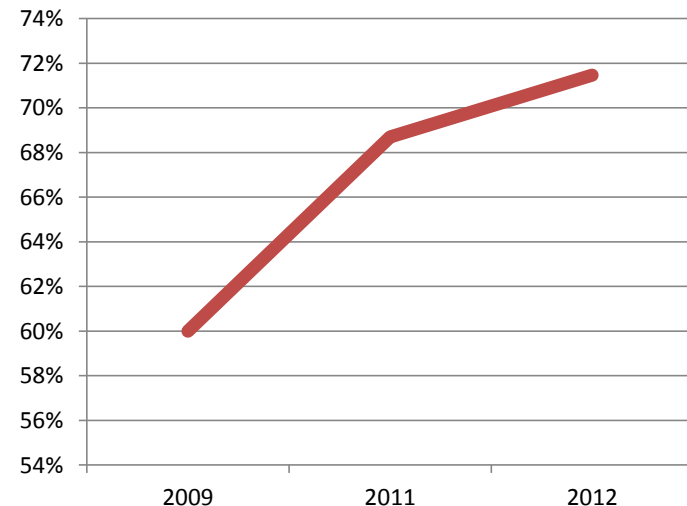
Recurring Respondents Analysis

Response	2009			2011 - who completed 2009			2012 - who completed 2011			Delta %
	Count	Rel %	Rank	Count	Rel %	Rank	Count	Rel %	Rank	
1 Completely Aware	331	19%	3	57	21%	3	82	21%	3	9%
2 Aware	700	41%	1	134	48%	1	196	50%	1	24%
3 Somewhat Aware	403	23%	2	66	24%	2	101	26%	2	11%
4 Neither Aware nor Unaware	103	6%	4	14	5%	4	8	2%	4	-66%
5 Somewhat Unaware	76	4%	6	4	1%	5	2	1%	5	-88%
6 Unaware	85	5%	5	3	1%	6	0	0%	6	-100%
7 Completely Unaware	18	1%	7	0	0%	7	0	0%	6	-100%
8 I don't know / NA	9			1			0			
No Response	118			2			4			
<b>Totals</b>	<b>1843</b>	<b>100%</b>		<b>281</b>	<b>100%</b>		<b>393</b>	<b>100%</b>		
9 Average	2.55			2.22			2.11			-17%
10 Score	74%			80%			82%			10%
11 Top Two	<b>60%</b>			<b>69%</b>			<b>71%</b>			19%

**Relative Responses**



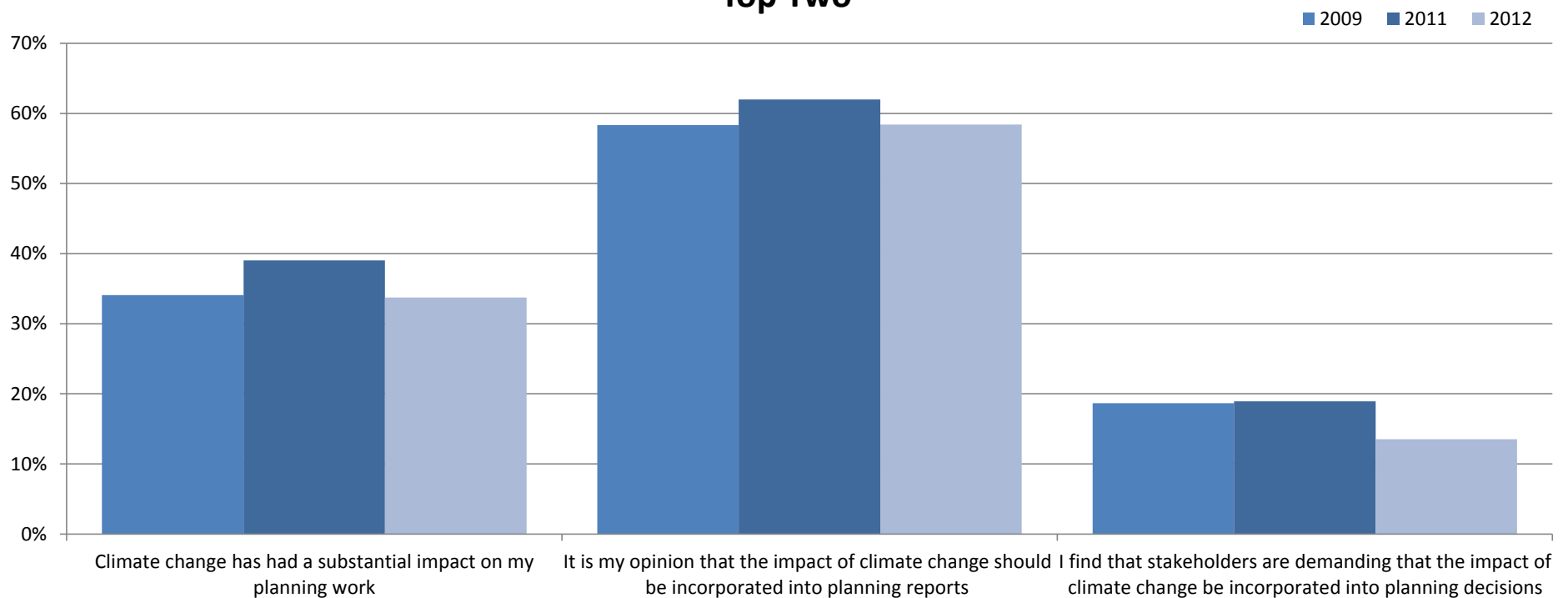
**Top Two**



Please indicate how strongly you agree or disagree with each of the following statements:

Response	2009					2011					2012					Delta %
	Count	Average	Score	Top Two	Rank	Count	Average	Score	Top Two	Rank	Count	Average	Score	Top Two	Rank	
1 Climate change has had a substantial impact on my planning work	1,687	4.60	60%	34%	2	1,175	3.3	62%	39%	2	1,327	3.3	61%	34%	2	-1%
2 It is my opinion that the impact of climate change should be incorporated into planning reports	1,687	5.44	74%	58%	1	1,173	2.4	77%	62%	1	1,327	2.5	75%	58%	1	0%
3 I find that stakeholders are demanding that the impact of climate change be incorporated into planning decisions	1,687	3.93	49%	19%	3	1,172	4.0	49%	19%	3	1,327	4.2	46%	14%	3	-28%

### Top Two

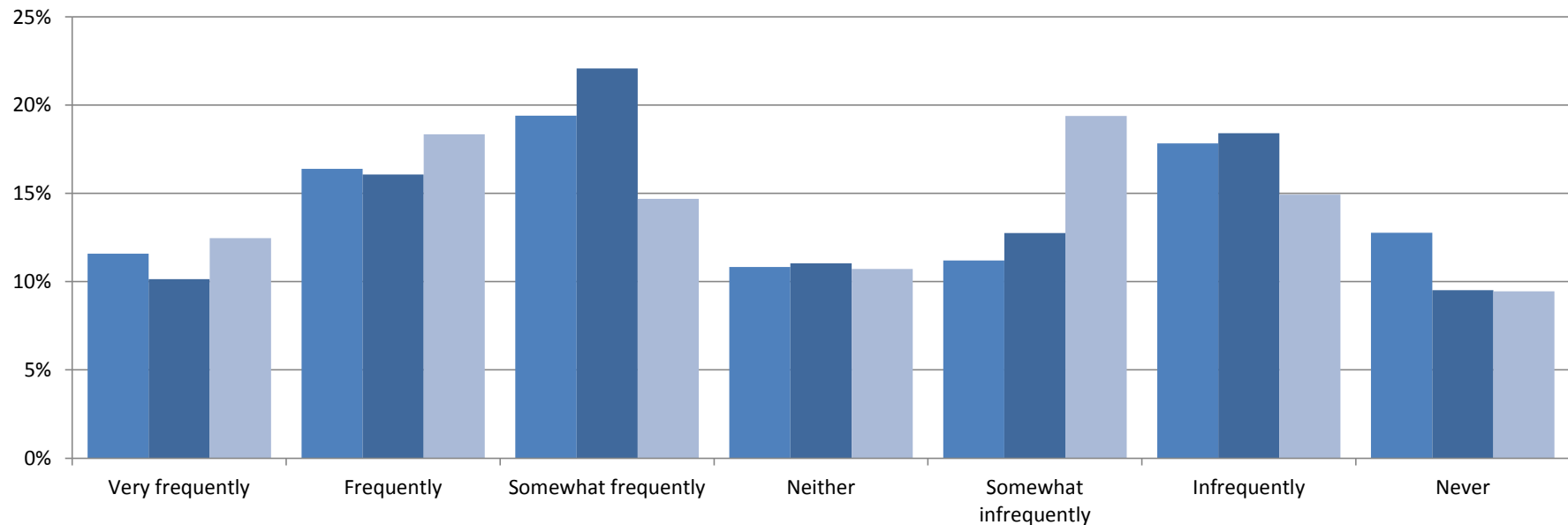


Over the last two years, how often have you incorporated the impact of climate change into your professional deliberations?

Response	2009			2011			2012			Delta %
	Count	Rel %	Rank	Count	Rel %	Rank	Count	Rel %	Rank	
1 Very frequently	185	12%	5	113	10%	6	157	12%	5	8%
2 Frequently	262	16%	3	179	16%	3	231	18%	2	12%
3 Somewhat frequently	310	19%	1	246	22%	1	185	15%	4	-24%
4 Neither	173	11%	7	123	11%	5	135	11%	6	-1%
5 Somewhat infrequently	179	11%	6	142	13%	4	244	19%	1	73%
6 Infrequently	285	18%	2	205	18%	2	188	15%	3	-16%
7 Never	204	13%	4	106	10%	7	119	9%	7	-26%
8 I don't know / NA	79			48			63			
No Response	166			56			65			
<b>Totals</b>	<b>1,843</b>	<b>100%</b>		<b>1,218</b>	<b>100%</b>		<b>1,387</b>	<b>100%</b>		
9 Average	3.98			3.93			3.89			-2%
10 Score	50%			51%			52%			3%
11 Top Two	28%			26%			31%			10%

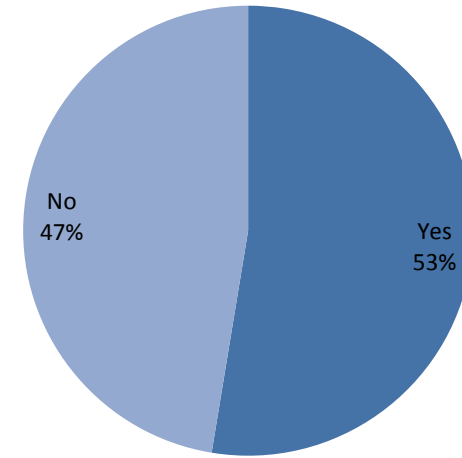
Relative Responses

■ 2009 ■ 2011 ■ 2012

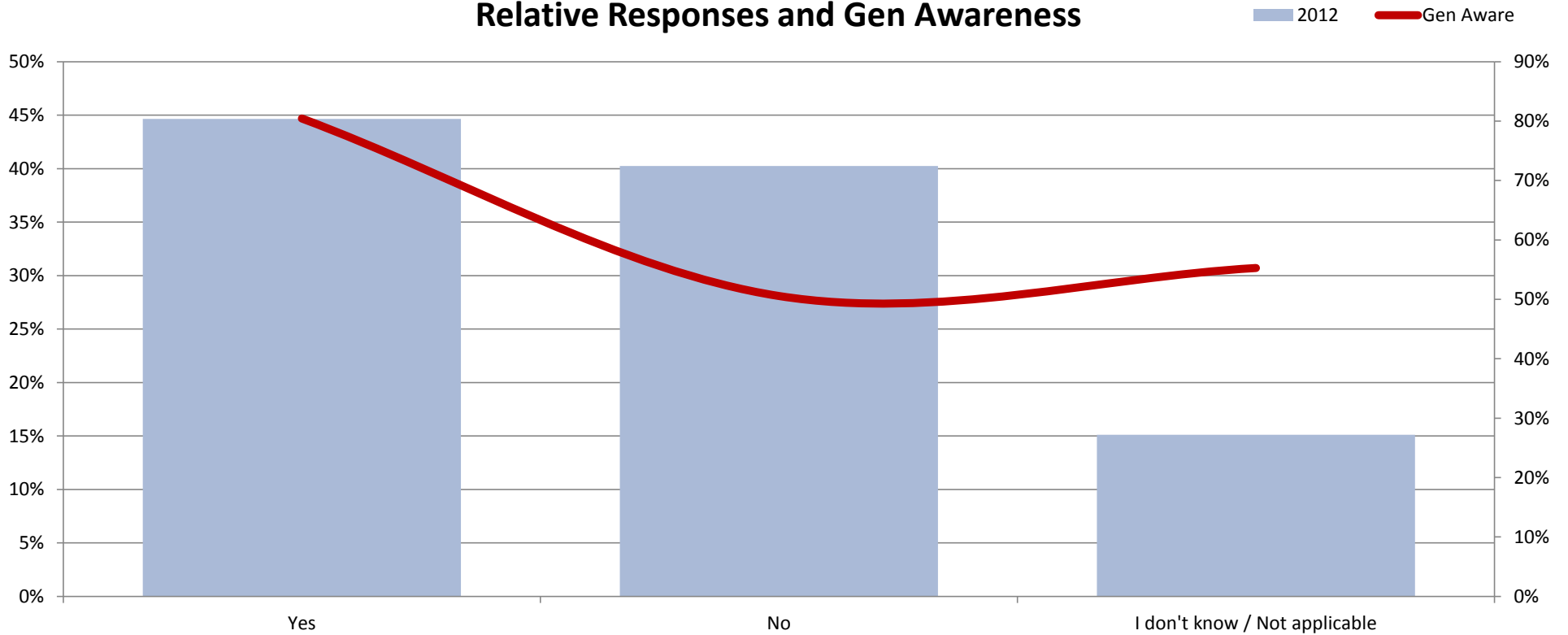


Have you used any planning tools to address climate change over the past two years?

Response	2012					Gen Aware.
	Count	Abs %	Rel %	Cumu %	Rank	
1 Yes	588	42%	45%	45%	1	80%
2 No	530	38%	40%	85%	2	51%
3 I don't know / Not applicable	199	14%	15%	100%	3	55%
No Response	70	5%				
	1,387	100%	100%	100%		



Relative Responses and Gen Awareness



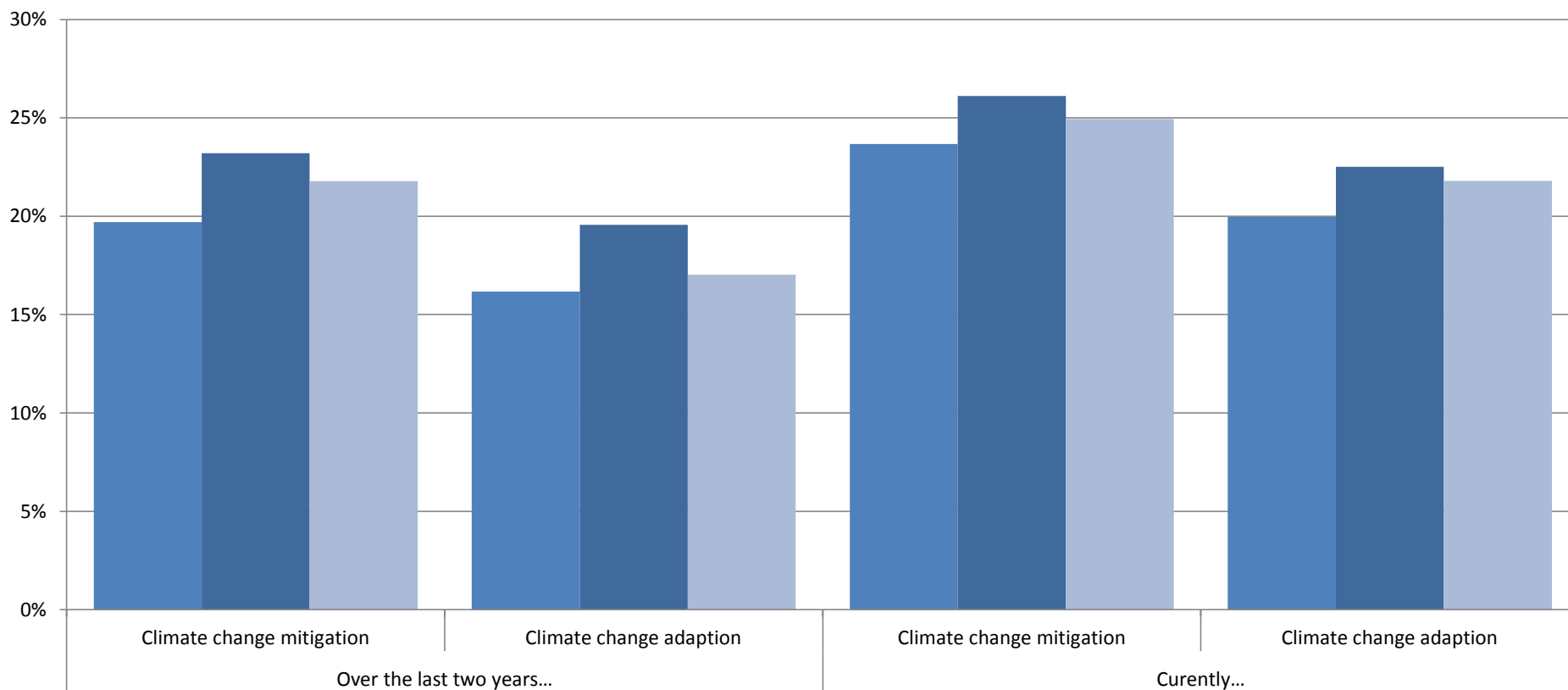


Please indicate how strongly you agree or disagree with each of the following statements:

Response	2009					2011					2012					Delta %
	Count	Average	Score	Top Two	Rank	Count	Average	Score	Top Two	Rank	Count	Average	Score	Top Two	Rank	
<b>Over the last two years, how often did you consider each of the following when preparing your planning reports?</b>																
1 Climate change mitigation	1,535	3.70	45%	20%	3	1,135	4.1	49%	23%	2	1,247	4.2	47%	22%	3	11%
2 Climate change adaption	1,535	3.47	41%	16%	4	1,131	4.3	45%	20%	4	1,248	4.4	43%	17%	4	5%
<b>Currently, how often do you consider each of the following when preparing your planning reports?</b>																
1 Climate change mitigation	1,535	3.90	48%	24%	1	1,132	4.0	51%	26%	1	1,247	4.0	51%	25%	1	5%
2 Climate change adaption	1,535	3.65	44%	20%	2	1,129	4.2	47%	23%	3	1,247	3.8	54%	22%	2	9%

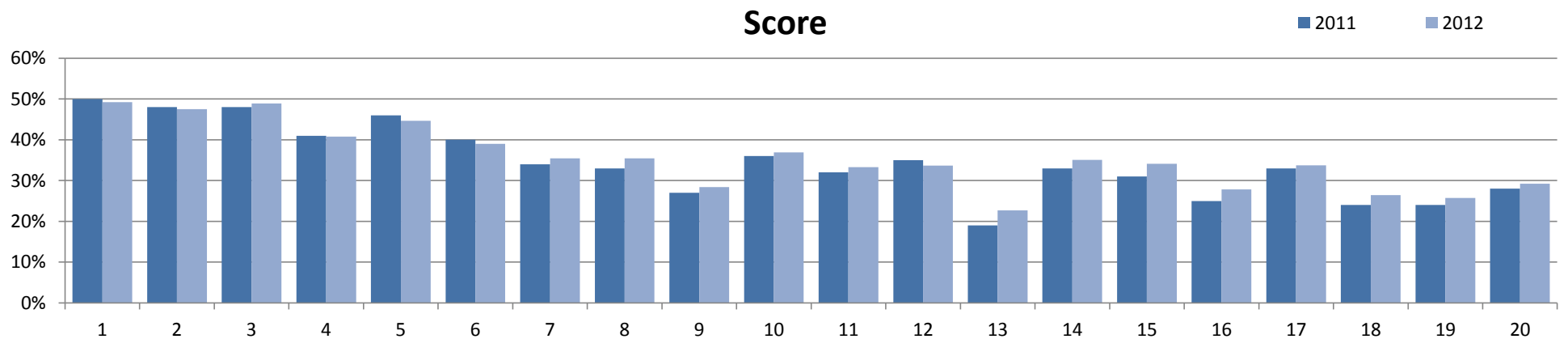
### Top Two

■ 2009 ■ 2011 ■ 2012



Please indicate how limiting each of the following barriers are when including climate change impacts in your planning reports (rank only those that apply):

Response	2011					2012					Delta %
	Count	Average	Score	Top Two	Rank	Count	Average	Score	Top Two	Rank	
1 Client / planner interest in Climate Change	957	4.00	50%	24%	1	1106	4.1	49%	22%	1	-2%
2 Client / planner understanding of Climate Change	947	4.10	48%	20%	3	1107	4.2	48%	20%	2	0%
3 Client / planner awareness of Climate Change	962	4.10	48%	20%	2	1105	4.1	49%	20%	3	0%
4 Policy / Legislation	949	4.50	41%	11%	4	1099	4.5	41%	9%	4	-2%
5 The public	908	4.20	46%	10%	5	1094	4.3	45%	8%	5	-2%
6 Climate Change is not relevant	869	4.60	40%	6%	6	1092	4.7	39%	6%	6	0%
7 Lack of general knowledge / Ease of access to information	930	5.00	34%	4%	10	1098	4.9	35%	5%	7	1%
8 Impact of Climate Change is uncertain (not enough reliable data)	939	5.00	33%	4%	11	1098	4.9	35%	5%	8	1%
9 Not enough government / political support	961	5.40	27%	5%	8	1105	5.3	28%	5%	9	0%
10 Climate Change is not measurable	891	4.80	36%	4%	9	1095	4.8	37%	4%	10	0%
11 Disbelief in Climate Change / Lack of acceptance	924	5.10	32%	3%	12	1095	5.0	33%	4%	11	1%
12 Using Climate Change mitigation techniques is not required	865	4.90	35%	5%	7	1092	5.0	34%	4%	12	-1%
13 Reluctance to alter lifestyles / Unwillingness to change habits	952	5.90	19%	2%	18	1096	5.6	23%	3%	13	1%
14 Time (e.g., to implement, write reports, research, write about my experiences)	906	5.00	33%	2%	14	1092	4.9	35%	3%	14	1%
15 Too much government / political bureaucracy	913	5.10	31%	2%	16	1101	4.9	34%	3%	15	1%
16 Lack of resources (e.g., funding, tools, human)	929	5.50	25%	1%	20	1097	5.3	28%	3%	16	2%
17 Negative attitudes toward Climate Change (and/or its prevention)	890	5.00	33%	2%	15	1093	5.0	34%	3%	17	1%
18 Higher cost to implement has profit implications	919	5.50	24%	1%	19	1103	5.4	26%	3%	18	2%
19 Developers' / Market's resistance	926	5.60	24%	2%	17	1097	5.4	26%	2%	19	0%
20 Competing / Conflicting priorities	920	5.30	28%	3%	13	1095	5.2	29%	2%	20	-1%

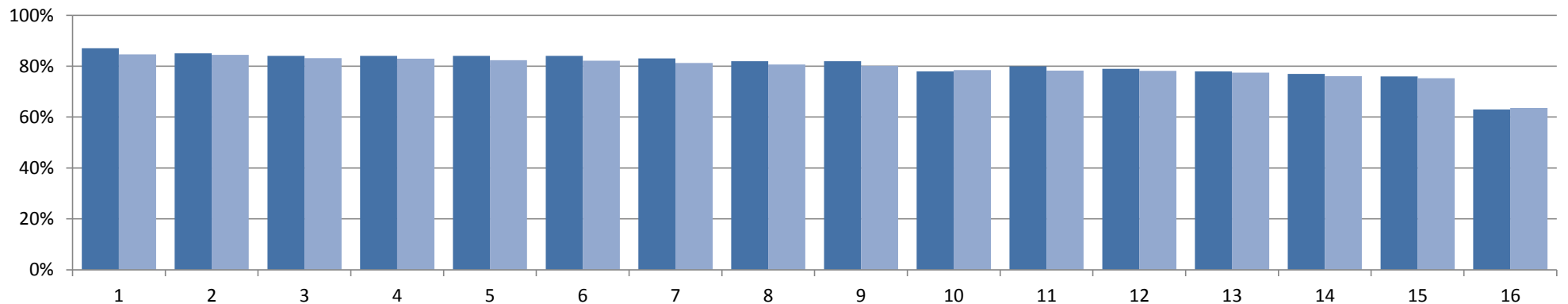


Please indicate how useful each of the following sources of information would be in assisting you in addressing climate change impacts in your planning. This list of possible information sources is a result of the 2009 Climate Change survey. If there are other information sources that would be useful to you that are not listed here, please add them at the bottom of the question.

Response	2011					2012					Delta %
	Count	Average	Score	Top Two	Rank	Count	Average	Score	Top Two	Rank	
1 Best practices	898	1.80	87%	84%	1	959	1.92	85%	79%	1	-6%
2 Policy / legislation / regulations	896	1.90	85%	78%	3	959	1.93	84%	76%	2	-2%
3 Cost accounting / economics / cost-benefit analysis	893	2.00	84%	74%	5	959	2.01	83%	74%	3	-1%
4 Communication & sharing of information	885	2.00	84%	79%	2	959	2.02	83%	74%	4	-6%
5 Public education & awareness	889	2.00	84%	74%	7	959	2.06	82%	72%	5	-3%
6 Area information: local, regional, provincial, etc.	895	2.00	84%	75%	4	960	2.07	82%	71%	6	-5%
7 Training / education opportunities for planners	892	2.00	83%	74%	6	959	2.12	81%	70%	7	-6%
8 Sources of funding & other resources to address CC in planning	884	2.10	82%	70%	9	959	2.16	81%	67%	8	-4%
9 Government initiatives, progress, future plans & comparisons	886	2.10	82%	72%	8	959	2.19	80%	67%	9	-7%
10 Raw data / statistics / proven, scientific results	885	2.30	78%	59%	13	959	2.29	78%	63%	10	6%
11 Generally more available research / studies / examples	891	2.20	80%	68%	10	959	2.30	78%	62%	11	-8%
12 Risk mitigation information	886	2.30	79%	65%	11	959	2.31	78%	63%	12	-4%
13 Reports on the impact of CC and/or factors that impact CC	884	2.30	78%	62%	12	959	2.35	77%	61%	13	-2%
14 Market information (e.g., prices, trends, new entrants, new innovations)	879	2.40	77%	58%	15	959	2.44	76%	56%	14	-4%
15 Emissions information	882	2.50	76%	58%	14	959	2.48	75%	56%	15	-3%
16 Weather reports & other information regarding the elements	872	3.20	63%	33%	16	959	3.18	64%	33%	16	-1%

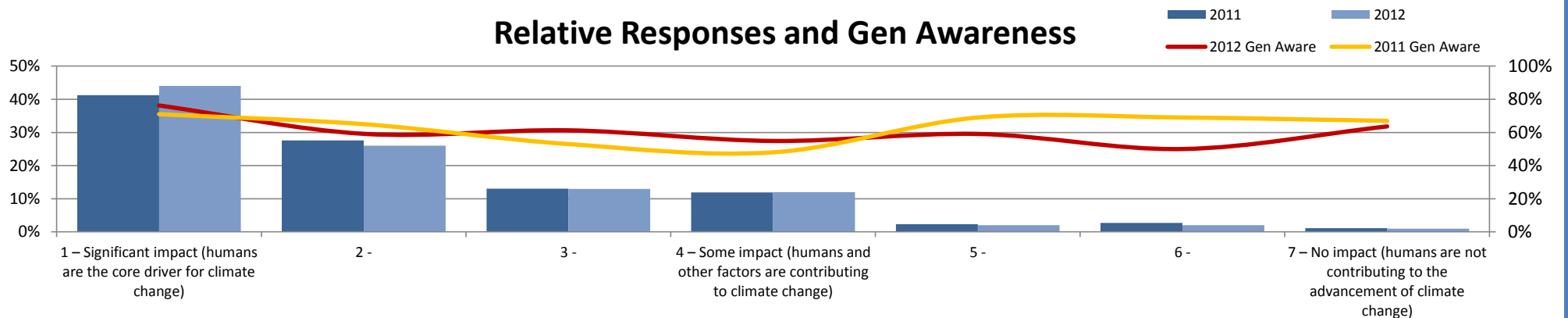
### Score

■ 2011 ■ 2012



In this survey, the term “climate change” is defined as: a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods. In your opinion, to what degree are humans impacting the advancement of climate change? Would you say that we are having:

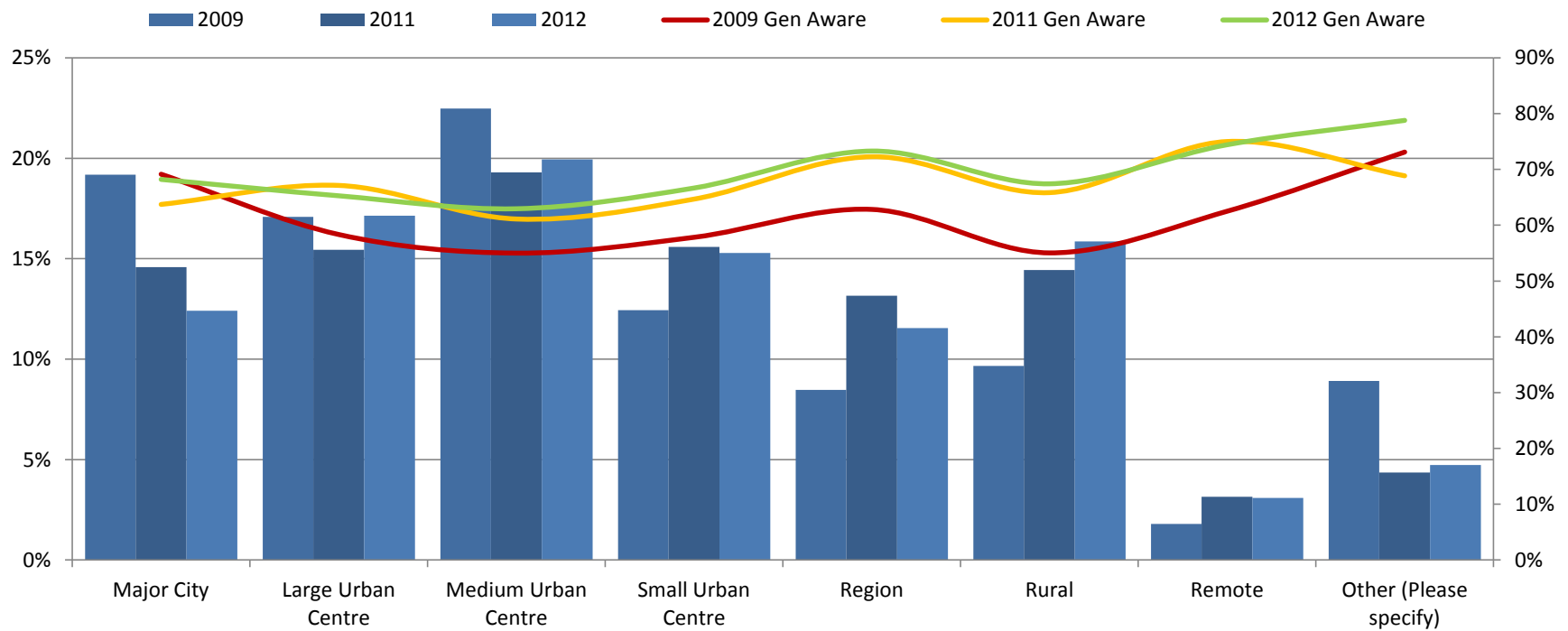
Response	2011					2011 Gen Aware	2012					Delta %	
	Count	Abs %	Rel %	Cumu	Rank		Count	Abs %	Rel %	Cumu	Rank		2012 Gen Aware
1 1 – Significant impact (humans are the core driver for climate change)	399	33%	44%	44%	1	71%	392	28%	41%	41%	1	76%	7%
2 2 -	239	20%	26%	71%	2	65%	262	19%	28%	69%	2	59%	-9%
3 3 -	115	9%	13%	83%	3	53%	124	9%	13%	82%	3	61%	16%
4 4 – Some impact (humans and other factors are contributing to climate change)	108	9%	12%	95%	4	48%	113	8%	12%	94%	4	55%	14%
5 5 -	16	1%	2%	97%	5	69%	22	2%	2%	96%	6	59%	-14%
6 6 -	16	1%	2%	99%	5	69%	26	2%	3%	99%	5	50%	-28%
7 7 – No impact (humans are not contributing to the advancement of climate change)	9	1%	1%	100%	7	67%	11	1%	1%	100%	7	64%	-5%
8 I do not know / not applicable	8	1%					9	1%					
No Response	309	25%					428	31%					
<b>Totals</b>	<b>1,219</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			<b>1,387</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			
9 Average						2.10						2.19	4%
10 Score						82%						80%	-2%
11 Top Two						71%						69%	-3%



In what type of community do you mostly practice? Please select all that apply.

Response	2009			2011			2012			Delta %
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 Major City	256	19%	69%	204	15%	64%	173	12%	68%	-1%
2 Large Urban Centre	228	17%	58%	216	15%	67%	239	17%	65%	12%
3 Medium Urban Centre	300	22%	55%	270	19%	61%	278	20%	63%	14%
4 Small Urban Centre	166	12%	58%	218	16%	65%	213	15%	67%	15%
5 Region	113	8%	63%	184	13%	72%	161	12%	73%	17%
6 Rural	129	10%	55%	202	14%	66%	221	16%	67%	22%
7 Remote	24	2%	63%	44	3%	75%	43	3%	74%	19%
8 Other (Please specify)	119	9%	73%	61	4%	69%	66	5%	79%	8%
9 No Response	508			132			428			
	1,843	100%		1,218	100%		1,387	100%		

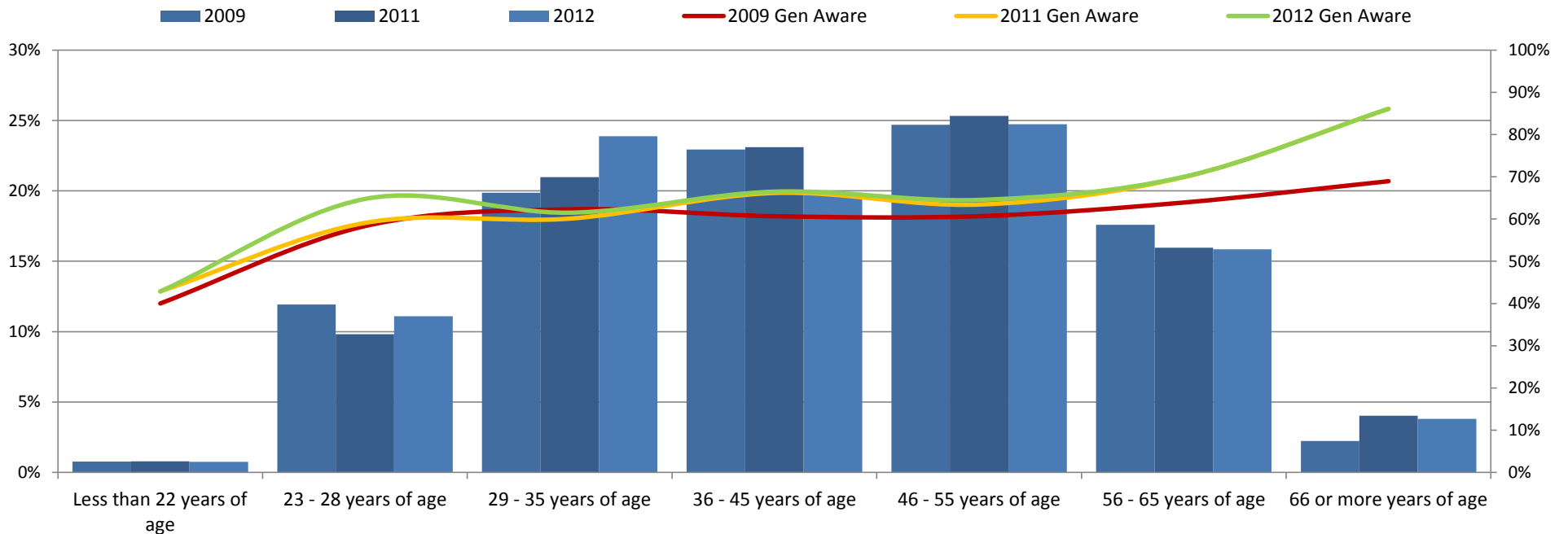
### Relative Responses and Gen Awareness



Please tell us your age

Response	2009			2011			2012			Delta %
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 Less than 22 years of age	10	1%	40%	7	1%	43%	7	1%	43%	7%
2 23 - 28 years of age	156	12%	58%	88	10%	59%	105	11%	65%	11%
3 29 - 35 years of age	260	20%	62%	188	21%	60%	225	24%	62%	-1%
4 36 - 45 years of age	300	23%	61%	207	23%	66%	188	20%	66%	10%
5 46 - 55 years of age	323	25%	61%	227	25%	63%	234	25%	65%	6%
6 56 - 65 years of age	230	18%	64%	143	16%	70%	150	16%	70%	10%
7 66 or more years of age	29	2%	69%	36	4%	86%	36	4%	86%	25%
8 I prefer not to answer				15			13			
9 Other (Please specify)				0			0			
No Response	509			307			429			
<b>Totals</b>	1,843	100%		1,218	100%		1,387	100%		

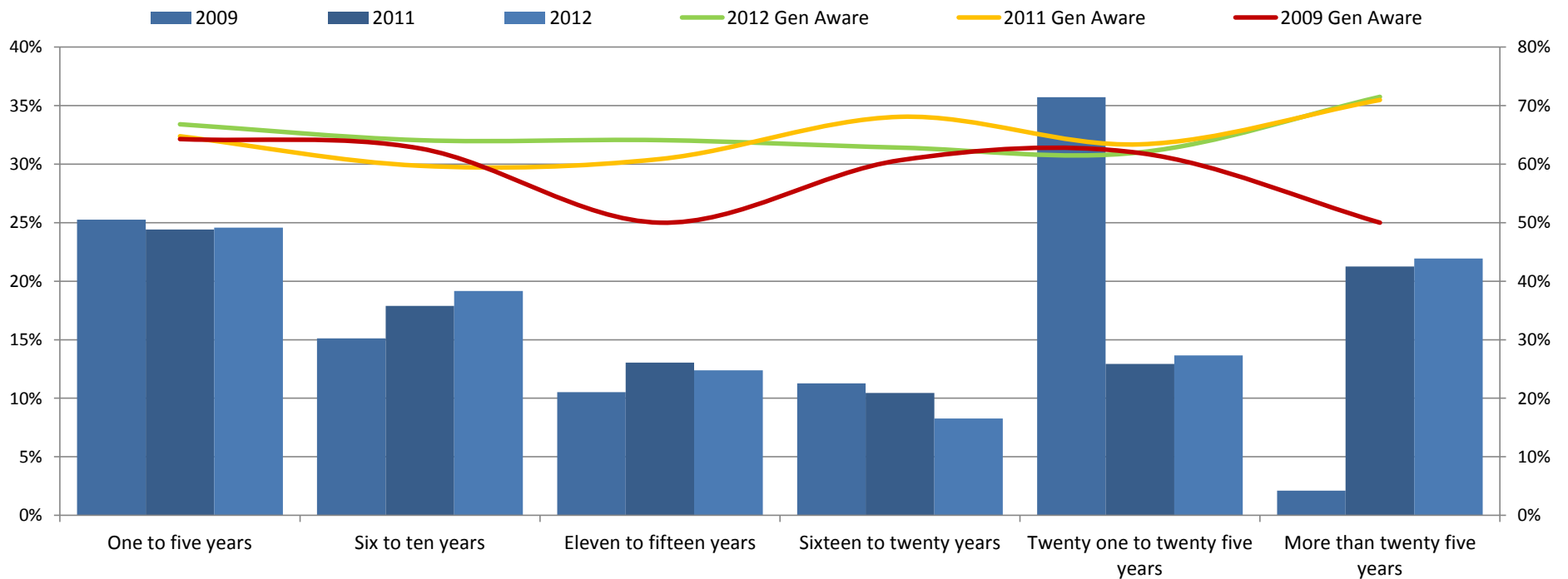
Relative Responses and Gen Awareness



Please tell us how many years you have worked in the planning sector.

Response	2009			2011			2012			Delta %
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 One to five years	336	25%	64%	217	24%	65%	232	25%	67%	4%
2 Six to ten years	201	15%	63%	159	18%	60%	181	19%	64%	2%
3 Eleven to fifteen years	140	11%	50%	116	13%	61%	117	12%	64%	28%
4 Sixteen to twenty years	150	11%	61%	93	10%	68%	78	8%	63%	4%
5 Twenty one to twenty five years	475	36%	62%	115	13%	63%	129	14%	62%	0%
6 More than twenty five years	28	2%	50%	189	21%	71%	207	22%	71%	43%
7 I don't work in the sector	3			15			12			
8 I don't know / NA	510			5			3			
9 No response				309			428			
<b>Total</b>	<b>1,843</b>	<b>100%</b>		<b>1,218</b>	<b>100%</b>		<b>1,387</b>	<b>100%</b>		

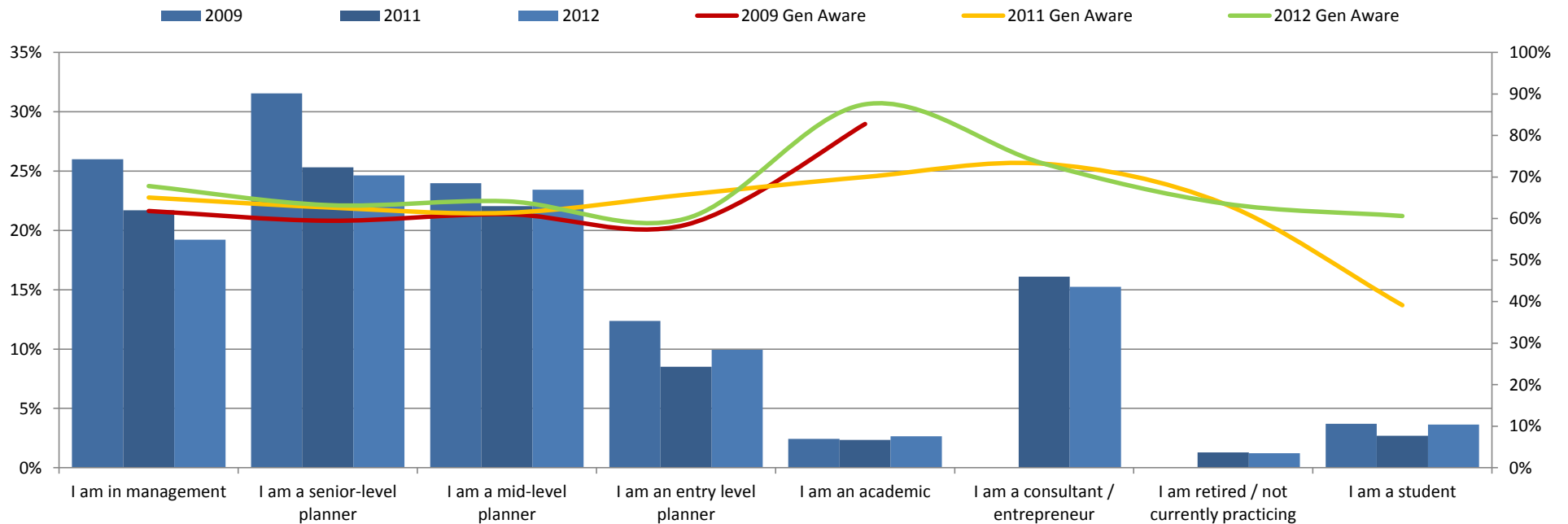
### Relative Responses and Gen Awareness



Please tell us which statement best describes your current job:

Response	2009			2011			2012			Delta %
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 I am in management	309	26%	62%	186	22%	65%	174	19%	68%	10%
2 I am a senior-level planner	375	32%	59%	217	25%	63%	223	25%	63%	6%
3 I am a mid-level planner	285	24%	61%	189	22%	61%	212	23%	64%	5%
4 I am an entry level planner	147	12%	59%	73	9%	66%	90	10%	60%	3%
5 I am an academic	29	2%	83%	20	2%	70%	24	3%	88%	6%
6 I am a consultant / entrepreneur				138	16%	73%	138	15%	73%	
7 I am retired / not currently practicing				11	1%	64%	11	1%	64%	
8 I am a student	44	4%	61%	23	3%	39%	33	4%	61%	-1%
9 I prefer not to respond	24			9			13		38%	
10 Other (Please specify)	117			45			40		63%	
No Response	513			307			429			
<b>Totals</b>	<b>1,843</b>	<b>100%</b>		<b>1,218</b>	<b>100%</b>		<b>1,387</b>	<b>100%</b>		

### Relative Responses and Gen Awareness

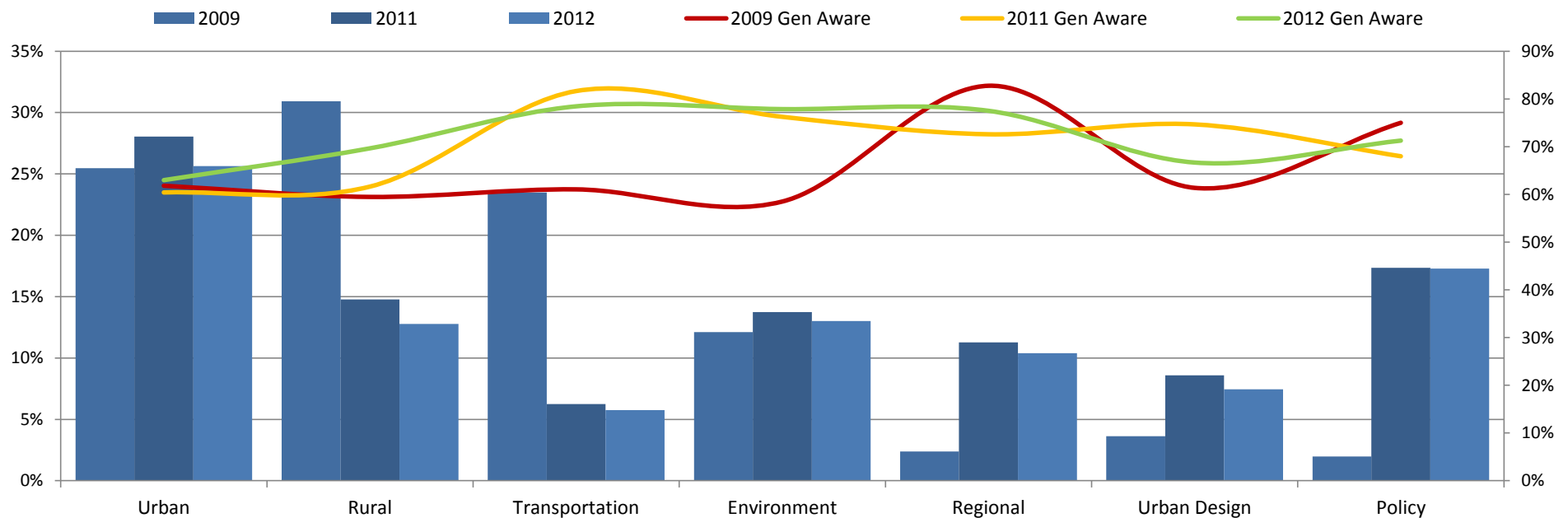




What most closely describes your specialty? Please select all that apply.

Response	2009			2011			2012			Delta %
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 Urban	309	25%	62%	490	28%	60%	516	26%	63%	2%
2 Rural	375	31%	59%	258	15%	62%	257	13%	70%	17%
3 Transportation	285	23%	61%	109	6%	82%	116	6%	78%	28%
4 Environment	147	12%	59%	240	14%	76%	262	13%	78%	33%
5 Regional	29	2%	83%	197	11%	73%	209	10%	78%	-6%
6 Urban Design	44	4%	61%	150	9%	75%	150	7%	67%	9%
7 Policy	24	2%	75%	303	17%	68%	348	17%	71%	-5%
8 Other (please specify)	117		59%	150		66%	155	8%	66%	
No Response	513			134			428			
<b>Totals</b>	<b>1,843</b>	<b>100%</b>		<b>1,218</b>	<b>100%</b>		<b>1,387</b>	<b>100%</b>		

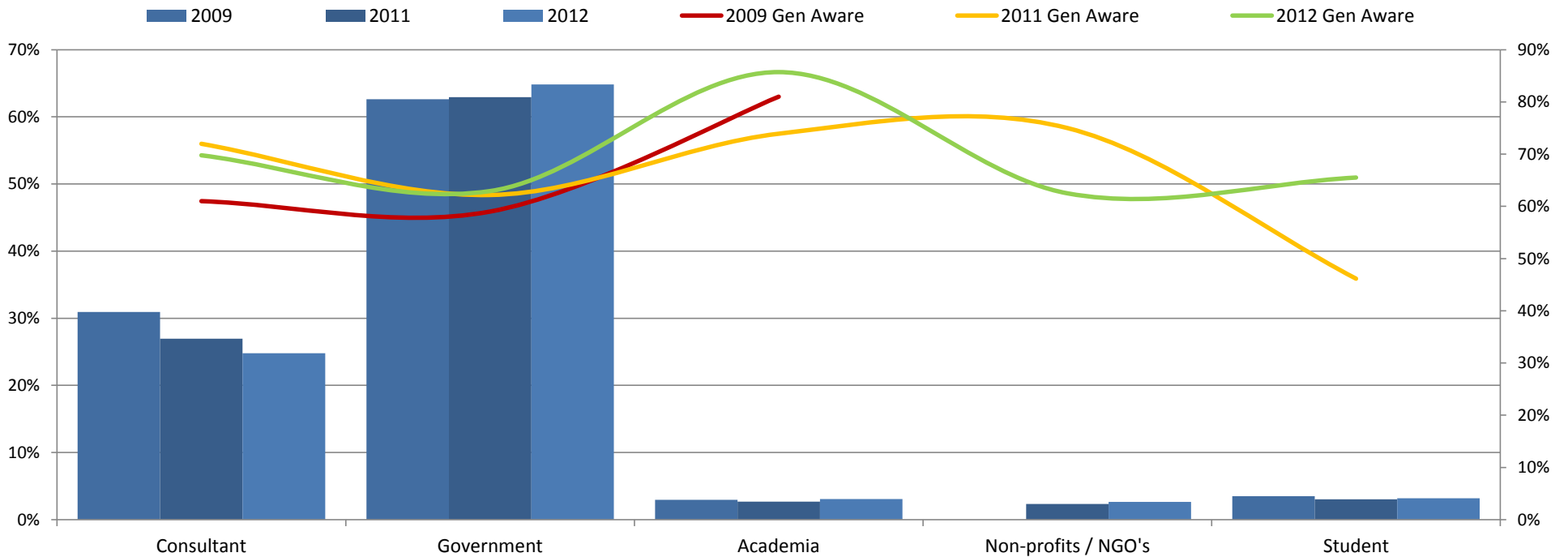
### Relative Responses and Gen Awareness



Please tell us in which area of the industry you are currently employed.

Response	2009			2011			2012			Delta %
	Count	Rel %	2009 Gen Aware	Count	Rel %	2011 Gen Aware	Count	Rel %	2012 Gen Aware	
1 Consultant	379	31%	61%	232	27%	72%	225	25%	70%	14%
2 Government	767	63%	59%	542	63%	62%	588	65%	63%	7%
3 Academia	36	3%	81%	23	3%	74%	28	3%	86%	6%
4 Non-profits / NGO's				20	2%	75%	24	3%	63%	
5 Student	43	4%	60%	26	3%	46%	29	3%	66%	9%
6 I am retired / not currently practicing				18	2%	67%	13	1%	62%	
7 Other (Please specify)	103			49			51			
No Response	515			308			429			
	1,843	100%		1,218	100%		1,387	100%		

### Relative Responses and Gen Awareness



Please indicate how limiting each of the following barriers are when including climate change impacts in your planning reports (rank only those that apply). This list of barriers is a result of the 2009 Climate Change survey. If there are other barriers that are not listed here, please add them at the bottom of the question.

Response	2009	Rank 2011	2012	Delta
	1 Client / planner interest in Climate Change	1	1	1
2 Client / planner awareness of Climate Change	NA	2	2	
3 Client / planner understanding of Climate Change	NA	3	3	
4 Policy / Legislation	5	4	5	—
5 The public	10	5	4	▲ 6
6 Climate Change is not relevant	9	6	6	▲ 3
7 Using Climate Change mitigation techniques is not required	NA	7	13	
8 Not enough government / political support	2	8	16	▼ -14
9 Climate Change is not measurable	9	9	7	▲ 2
10 Lack of general knowledge / Ease of access to information	6	10	8	▼ -2
11 Impact of Climate Change is uncertain (not enough reliable data)	4	11	9	▼ -5
12 Disbelief in Climate Change / Lack of acceptance	8	12	14	▼ -6
13 Competing / Conflicting priorities	14	13	15	▼ -1
14 Time (e.g., to implement, write reports, research, write about my experiences)	13	14	10	▲ 3
15 Negative attitudes toward Climate Change (and/or its prevention)	15	15	12	▲ 3
16 Too much government / political bureaucracy	2	16	11	▼ -9
17 Developers' / Market's resistance	11	17	19	▼ -8
18 Reluctance to alter lifestyles / Unwillingness to change habits	12	18	20	▼ -8
19 Higher cost to implement has profit implications	3	19	18	▼ -15
20 Lack of resources (e.g., funding, tools, human)	7	20	17	▼ -10

In your opinion, what three planning tools would be most useful in assisting you in addressing climate change impacts in your planning reports? Please type your response in the spaces provided below. Please provide your responses in order from most useful to third most useful.

Response	2009				2011				2012				Change in Ranks
	Count	Abs %	Rel %	Rank	Count	Abs %	Rel %	Rank	Count	Abs %	Rel %	Rank	
1 Policy Documents / Guidelines / Reports	244	11%	19%	1	340	16%	20%	1	409	17%	22%	1	0
2 Stronger government support / legislation	102	5%	8%	3	211	10%	12%	2	230	9%	12%	2	1
3 Zoning / Rezoning / Subdivision	89	4%	7%	4	72	3%	4%	9	77	3%	4%	8	-4
4 Official Plans / Plans / Mandate / Amendments	88	4%	7%	5	182	8%	11%	3	192	8%	10%	3	2
5 Useful, reliable, up-to-date data	78	4%	6%	6	104	5%	6%	7	85	3%	5%	7	-1
6 Education (for the Public, Planners, etc.)	67	3%	5%	7	90	4%	5%	8	65	3%	4%	10	-3
7 Research / Studies / Examples / Assessments	109	5%	8%	2	138	6%	8%	4	121	5%	7%	5	-3
8 Software / Technology / Tools & other Modelling	54	3%	4%	8	118	5%	7%	5	93	4%	5%	6	2
9 Bylaws	53	2%	4%	9	20	1%	1%	17	28	1%	2%	15	-6
10 Funding / Incentives / Resources	40	2%	3%	11	116	5%	7%	6	122	5%	7%	4	7
11 GIS Mapping / Graphics (& other mapping)	39	2%	3%	12	35	2%	2%	13	49	2%	3%	13	-1
12 Best Practices	38	2%	3%	13	35	2%	2%	13	33	1%	2%	14	-1
13 Public and Stakeholder Engagement / Awareness	53	2%	4%	9	47	2%	3%	10	69	3%	4%	9	0
14 Information	36	2%	3%	14	42	2%	2%	11	54	2%	3%	11	3
15 Site Plans and Site Plan Control	23	1%	2%	16	10	0%	1%	20	24	1%	1%	16	0
16 Planning Act	22	1%	2%	17	21	1%	1%	16	14	1%	1%	19	-2
17 Development and Green Standards / Agreements	32	1%	2%	15	7	0%	0%	24	11	0%	1%	23	-8
18 Regulations / Templates	17	1%	1%	18	38	2%	2%	12	51	2%	3%	12	6
19 Design Guidelines / Urban Design	17	1%	1%	18	17	1%	1%	18	11	0%	1%	23	-5
20 Industry-related References (e.g., building standards)	17	1%	1%	18	22	1%	1%	15	13	1%	1%	20	-2
21 Strategic Planning	17	1%	1%	18	3	0%	0%	26	9	0%	0%	26	-8
22 LEED Standards	16	1%	1%	22	8	0%	0%	23	7	0%	0%	27	-5
23 Sustainability Planning	15	1%	1%	23	13	1%	1%	19	21	1%	1%	18	5
24 Internet / Websites	14	1%	1%	24	2	0%	0%	28	10	0%	1%	25	-1
25 Transportation / Transit Planning	12	1%	1%	25	9	0%	1%	21	22	1%	1%	17	8
26 Consultations and Communication	10	0%	1%	26	9	0%	1%	21	13	1%	1%	20	6
27 Smart Growth / Growth Strategies	7	0%	1%	27	4	0%	0%	25	13	1%	1%	20	7
28 Weather Reports, Analysis, etc.	7	0%	1%	27	3	0%	0%	26	6	0%	0%	28	-1
29 French (Currently Under Analysis)	141	7%			138	6%			20	1%			
30 Other (Currently Under Analysis)	703	33%			292	14%			588	24%			
<b>Totals</b>	<b>2,160</b>	<b>100%</b>	<b>100%</b>		<b>2,146</b>	<b>100%</b>	<b>100%</b>		<b>2,460</b>	<b>100%</b>			

Please indicate which planning tools, if any, you have used most frequently when addressing the impact of climate change over the last two years. Please type your response in the space provided below.

Examples of tools include: Policies, Official Plans, Environmental Impact Assessments, and Subdivisions among others.

Response	2009				2011				2012				Change in Ranks
	Count	Abs %	Rel %	Rank	Count	Abs %	Rel %	Rank	Count	Abs %	Rel %	Rank	
1 Written Reports, Documents, Plans, Models, etc.	167	8%	9%	1	202	14%	14%	3	53	6%	6%	5	-4
2 Official Plans / Amendments	129	6%	7%	2	190	17%	17%	2	231	24%	25%	1	1
3 Research / Studies	120	6%	7%	3	31	3%	3%	9	21	2%	2%	9	-6
4 Policy Documents / Development	111	6%	6%	4	228	20%	20%	1	184	19%	20%	2	2
5 Environmental Sustainability	88	4%	5%	5	43	4%	4%	8	20	2%	2%	11	-6
6 Zoning / Rezoning	88	4%	5%	5	45	4%	4%	7	63	7%	7%	4	1
7 Government Documents / Meetings / Legislature	81	4%	4%	7	5	0%	0%	25	0	0%	0%	35	-28
8 Stakeholder Engagements / General Discussions	71	4%	4%	8	4	0%	0%	27	3	0%	0%	27	-19
9 Environmental Impact Assessments	68	3%	4%	9	73	7%	7%	4	83	9%	9%	3	6
10 Traffic-related or Transit Supportive Densities / Plans	67	3%	4%	10	31	1%	1%	21	19	2%	2%	13	-3
11 Sustainability Planning	62	3%	3%	11	27	2%	2%	10	20	2%	2%	11	0
12 LEED Standards	57	3%	3%	12	15	1%	1%	16	12	1%	1%	14	-2
13 Water / Rain Studies, Policies & Plans	54	3%	3%	13	9	1%	1%	17	12	1%	1%	14	-1
14 GIS Mapping / Graphics (& other mapping)	50	2%	3%	14	22	2%	2%	13	10	1%	1%	18	-4
15 Public Engagement	48	2%	3%	15	2	0%	0%	32	2	0%	0%	30	-15
16 Development Standards / Agreements / Permits / Proposals	46	2%	3%	16	26	2%	2%	11	12	1%	1%	14	2
17 Site Plans and Site Plan Control	46	2%	3%	16	22	2%	2%	13	26	3%	3%	7	9
18 Data Collection / Analysis	44	2%	2%	18	6	1%	1%	21	7	1%	1%	20	-2
19 Intensification	42	2%	2%	19	7	1%	1%	19	5	1%	1%	24	-5
20 Design Guidelines / Urban Design	40	2%	2%	20	18	2%	2%	15	29	3%	3%	6	14
21 Provincial Policy Statement	33	2%	2%	21	4	0%	0%	27	6	1%	1%	22	-1
22 Land Use Planning / Policies / Bylaws	32	2%	2%	22	5	0%	0%	25	25	3%	3%	8	14
23 Green Development Standards	31	2%	2%	23	6	1%	1%	21	2	0%	0%	30	-7
24 Environmental (Other)	29	1%	2%	24	2	0%	0%	32	21	2%	2%	9	15
25 Green Buildings & Infrastructure	27	1%	1%	25	7	1%	1%	19	7	1%	1%	20	5
26 Internet / Websites	27	1%	1%	25	1	0%	0%	35	0	0%	0%	35	-10
27 Subdivisions' plans, design, regulations, etc.	25	1%	1%	27	59	5%	5%	5	4	0%	0%	25	2
28 Weather Reports, Analysis, etc.	22	1%	1%	28	2	0%	0%	32	0	0%	0%	35	-7
29 Education	19	1%	1%	29	6	1%	1%	21	6	1%	1%	22	7
30 Smart Growth / Growth Strategies	17	1%	1%	30	8	1%	1%	18	11	1%	1%	17	13
31 Primary Research (focus groups, surveys)	15	1%	1%	31	0	0%	0%	38	1	0%	0%	33	-2
32 Writing / Creating Reports, Presentations, Models, etc.	15	1%	1%	31	1	0%	0%	35	3	0%	0%	27	4
33 Landscaping	14	1%	1%	33	4	0%	0%	27	0	0%	0%	35	-2

Please indicate which planning tools, if any, you have used most frequently when addressing the impact of climate change over the last two years. Please type your response in the space provided below.

Examples of tools include: Policies, Official Plans, Environmental Impact Assessments, and Subdivisions among others.

Response	2009				2011				2012				Change in Ranks
	Count	Abs %	Rel %	Rank	Count	Abs %	Rel %	Rank	Count	Abs %	Rel %	Rank	
34 Strategic Planning	14	1%	1%	33	3	0%	0%	31	10	1%	1%	18	15
35 Best Practices	10	0%	1%	35	4	0%	0%	27	3	0%	0%	27	8
36 Places to Grow Plan	9	0%	0%	36	0	0%	0%	38	1	0%	0%	33	3
37 Planning Act	8	0%	0%	37	0	0%	0%	38	2	0%	0%	30	7
38 Climate Change Toolkit (primarily BC)	5	0%	0%	38	1	0%	0%	35	4	0%	0%	25	13
39 Other	182	9%			1	0%			41	4%			
<b>Totals</b>	<b>2,013</b>	<b>100%</b>	<b>100%</b>		<b>1,120</b>	<b>100%</b>	<b>100%</b>		<b>959</b>	<b>100%</b>	<b>100%</b>		

**Summary Notes**

In the 2012 and 2011 post survey, respondent were able to input however many tools they utilized when addressing the impact of climate change over the last two years. In the 2009 pre-test respondents were ask to input the top three tools they utilized when addressing the impact of climate change over the last two years. The freedom that the post surveys gave the respondents with respect to answering the question allowed for more than three answers to be given.