



# Canadian Institute of Planners

## 2019 Climate Change Survey, Atlantic Results Only



# Framework

Prepared by Framework Partners Inc. Aug, 19 2019  
Field Dates: Apr, 25 2019 to May, 23 2019



### Definitions

**Mean:** The mean is a measure of central tendency. It is the arithmetic average of the set of values, or observations received from a question.

**Median:** The median is also a measure of central tendency. It is the observation or number that is at the 50th percentile in an ordered data set. Stated differently, it is the point at which half of the observations are above it and half of the observations are below it.

**Score:** The score is the mean or average of the responses received expressed as a percentage for easier interpretation. The Score is an important measure of all responses received; it demonstrates the overall response average, and includes all respondents. Stated differently, the score is a batting average, or percentage that helps us to better understand the average response. It is important to examine the score as interpreting the average or mean response, when a seven-point Likert scale is used, can be difficult.

**Top Two:** The percentage of respondents to a question who responded with either a 1 ("Very Important", "Very Satisfied" or "Strongly Agree") or a 2 ("Important", "Satisfied" or "Agree") on a scale of 1 to 7. The Top Two is an indication of strength of opinion; it represents the proportion of respondents who have answered that they have a firm opinion about the stated question.

**Gen Impact:** The proportion of those choosing an option, who also either strongly agree or agree with the following statement "Please indicate how strongly you agree or disagree with each of the following statements: Climate change has had a substantial impact on my planning work"

**Correlation (GenImpact):** The percentage of respondents to an option who have indicated that they are either Very Impacted or Impacted by climate change in their planning work.

**Standard Deviation:** This is a measure of dispersal, in that it shows how much variation or "dispersion" exists from the average (mean, or expected value). A low standard deviation indicates that the data points tend to be very close to the mean; high standard deviation indicates that the data points are spread out over a large range of values. Stated differently, a low standard deviation means that the data is tight, and that most respondents agree.

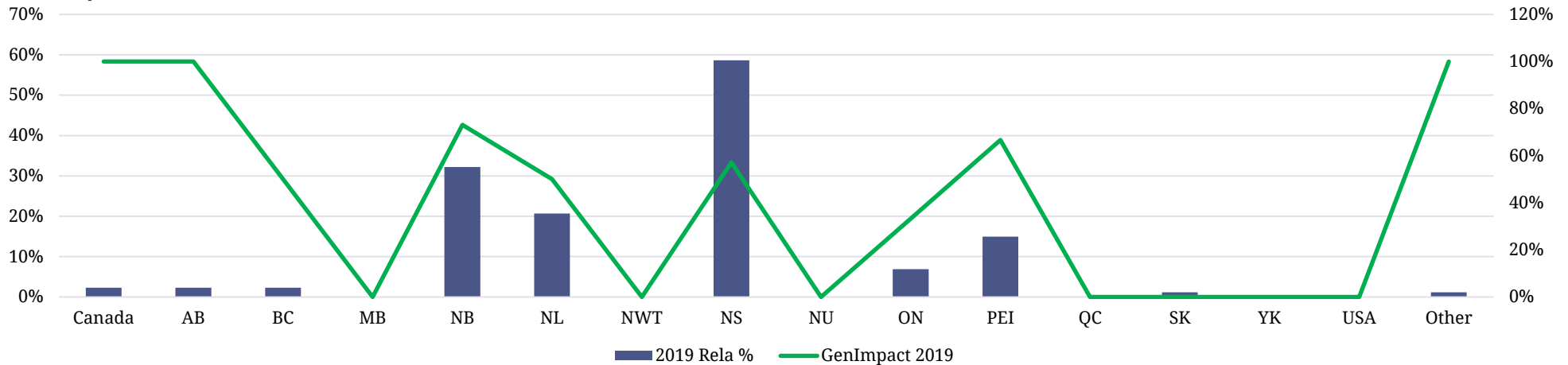
**Impact Index (Index):** The impact index measures the difference between the question option Gen Impact and the overall impact of all respondents.



**Q5. Please indicate in which geographical region(s) you conduct the majority of your planning work. Please choose all that apply.**

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 Canada wide (All provinces and territories)	2	2%	6	100%	42%
2 Alberta	2	2%	6	100%	42%
3 British Columbia	2	2%	6	50%	-8%
4 Manitoba	0	0%	11	-	-
5 New Brunswick	28	32%	2	73%	15%
6 Newfoundland and Labrador	18	21%	3	50%	-8%
7 Northwest Territories	0	0%	11	-	-
8 Nova Scotia	51	59%	1	57%	-1%
9 Nunavut	0	0%	11	-	-
10 Ontario	6	7%	5	33%	-24%
11 Prince Edward Island	13	15%	4	67%	9%
12 Quebec	0	0%	11	-	-
13 Saskatchewan	1	1%	9	0%	-58%
14 Yukon	0	0%	11	-	-
15 United States of America	0	0%	11	-	-
16 Other (please specify):	1	1%	9	100%	42%
17 I do not know / not applicable	0				
- No Response	0				
<b>Total</b>	<b>87</b>				

\*Note: New options added in 2019

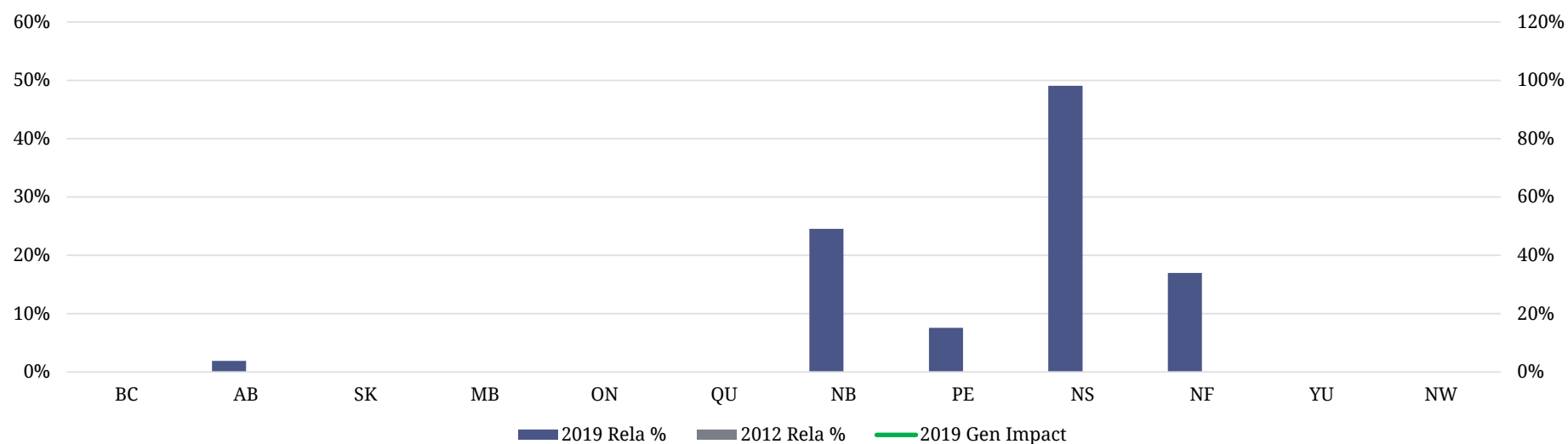


## 2019 CIP Climate Change Survey, Atlantic Results Only



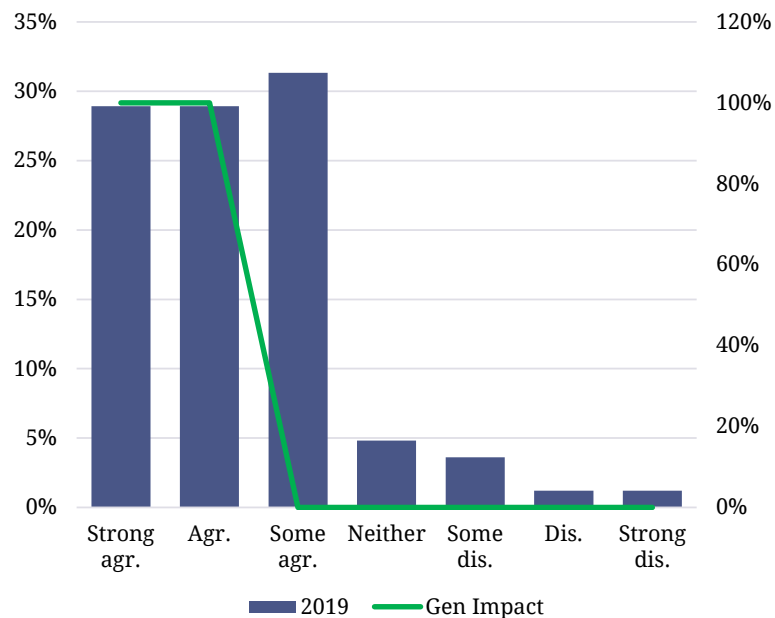
Please use the space provided below to provide the first three digits from the postal code of the office or location where you work the majority of time. For example, if your postal code at work is “K1P 5J3”, then the correct response would be “K1P”

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 I do not work in a planning office (unemployed/student/retired)	3		5		
2 I do not know / not applicable	2		6		
3 British Columbia	0	0%	8		
4 Alberta	1	2%	7		
5 Saskatchewan	0	0%	8		
6 Manitoba	0	0%	8		
7 Ontario	0	0%	8		
8 Quebec	0	0%	8		
9 New Brunswick	13	25%	2		
10 Prince Edward Island	4	8%	4		
11 Nova Scotia	26	49%	1		
12 Newfoundland	9	17%	3		
13 Yukon	0	0%	8		
14 Nunavut & The Northwest Territories	0	0%	8		
No Response	29				
<b>Total</b>	<b>87</b>				



## Q7. Please indicate how strongly you agree or disagree with each of the following statements: Climate change has had a substantial impact on my planning work

2019 SUMMARY						
Responses	Count	Rela%	Rank	Gen Impact	Index	
1 Strongly agree	24	29%	2	100%	42%	
2 Agree	24	29%	2	100%	42%	
3 Somewhat agree	26	31%	1	0%	-58%	
4 Neither agree nor disagree	4	5%	4	0%	-58%	
5 Somewhat disagree	3	4%	5	0%	-58%	
6 Disagree	1	1%	6	0%	-58%	
7 Strongly disagree	1	1%	6	0%	-58%	
8 I don't know / not applicable	2					
- No Response	2					
<b>Total</b>	<b>87</b>	<b>100%</b>				<b>0%</b>



### Selected Key Statistics

2019

#### Central Tendency

Mean 2.47  
Median 2.00

#### Dispersion

Standard Deviation 1.49

#### Correlation

General Impact 1.00

#### Performance

2019

Top Two  
58%

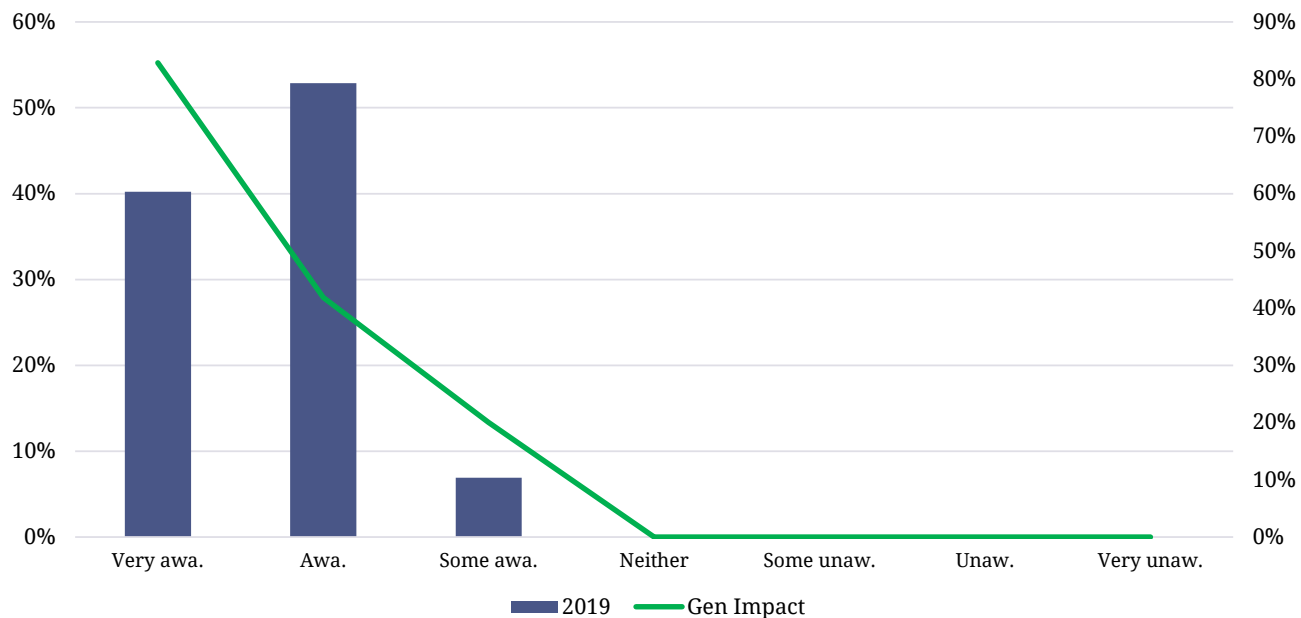
Top Three  
89%

## 2019 CIP Climate Change Survey, Atlantic Results Only



**Q6. Please indicate your level of awareness of the impact of climate change on planning issues. Would you say that you are...**

2019 SUMMARY							
Responses	Count	Rela%	Rank	Gen Impact	Index		
1 Very aware	35	40%	2	83%	25%		
2 Aware	46	53%	1	42%	-16%		
3 Somewhat aware	6	7%	3	20%	-38%		
4 Neither aware nor unaware	0	0%	4	-	-		
5 Somewhat unaware	0	0%	4	-	-		
6 Unaware	0	0%	4	-	-		
7 Very unaware	0	0%	4	-	-		
8 I don't know / not applicable	0						
- No Response	0						
<b>Total</b>	<b>87</b>	<b>100%</b>					



### Selected Key Statistics

2019

#### Central Tendency

Mean 1.67  
Median 2.00

#### Dispersion

Standard Deviation 0.60

#### Correlation

General Impact 0.33

#### Performance

2019

Top 2  
93%

Top 3  
100%



## Q7. Please indicate how strongly you agree or disagree with each of the following statements:

2019 SUMMARY								
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two	Δ Top Two
1 Climate change has had a substantial impact on my planning work	2.47	2.00	91%	1.00	100%	42%	56%	56%
2 It is my opinion that the impact of climate change should be incorporated into all planning projects	1.52	1.00	52%	0.35	72%	14%	88%	88%
3 I find that stakeholders are demanding that the impact of climate change be incorporated into planning decisions	3.87	3.00	90%	0.46	100%	42%	26%	26%
4 It is my opinion that opportunities for climate change mitigation should be considered in all planning projects	1.61	1.00	67%	0.20	68%	10%	91%	-

\*Note: New options added in 2019

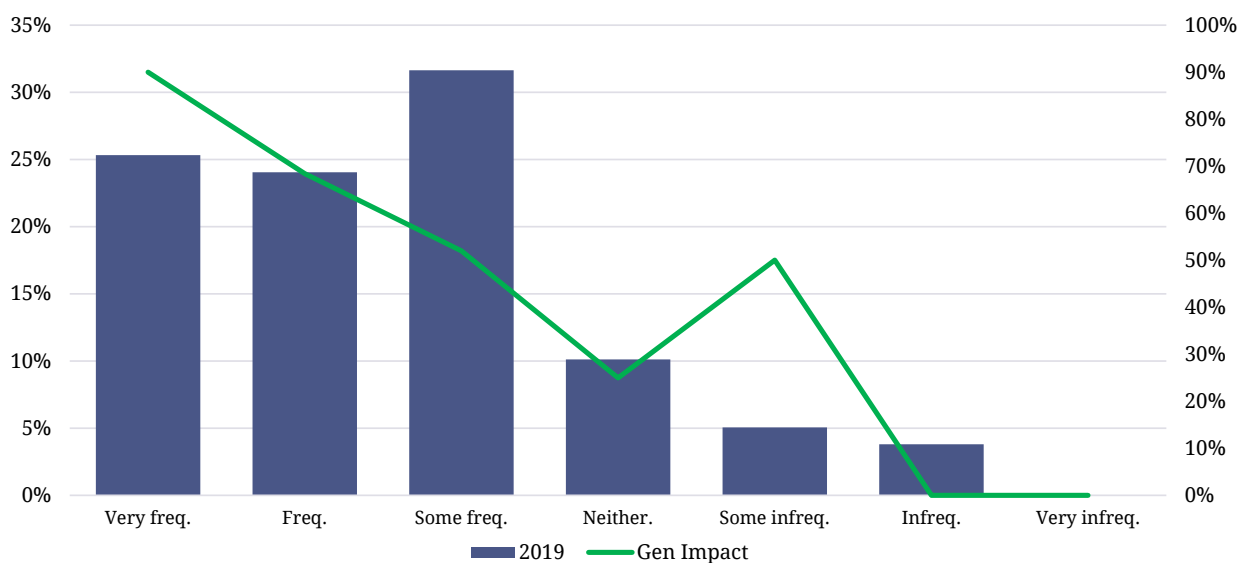


## 2019 CIP Climate Change Survey, Atlantic Results Only



### Q8. How frequently or infrequently do you incorporate the impact of climate change into your professional work?

2019 SUMMARY						
Responses	Count	Rela%	Rank	Gen Impact	Index	
1 Very frequently	20	25%	2	90%	32%	
2 Frequently	19	24%	3	68%	11%	
3 Somewhat frequently	25	32%	1	52%	-6%	
4 Neither frequently nor infrequently	8	10%	4	25%	-33%	
5 Somewhat infrequently	4	5%	5	50%	-8%	
6 Infrequently	3	4%	6	0%	-58%	
7 Very infrequently	0	0%	7	-	-	
8 I don't know / not applicable	6					
- No Response	2					
<b>Total</b>	<b>87</b>	<b>100%</b>				



#### Selected Key Statistics

2019

#### Central Tendency

Mean 2.95  
Median 3.00

#### Dispersion

Standard Deviation 1.89

#### Correlation

General Impact 0.67

#### Performance

2019

Top Two  
49%

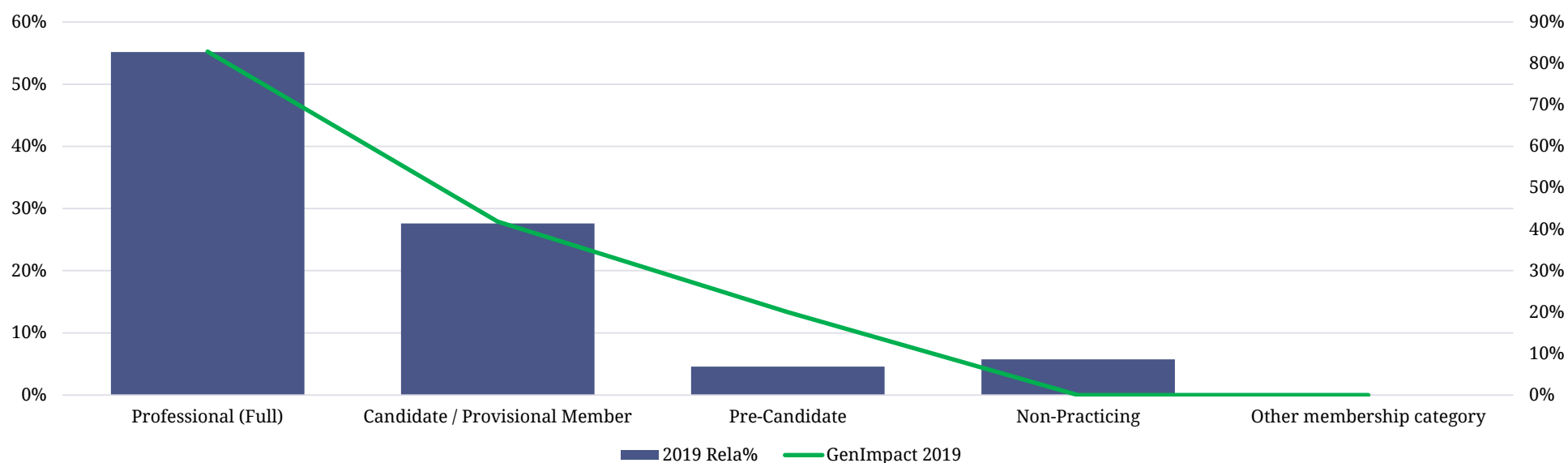
Top Three  
81%





## Q4. Please indicate which of the following best describes your CIP membership category.

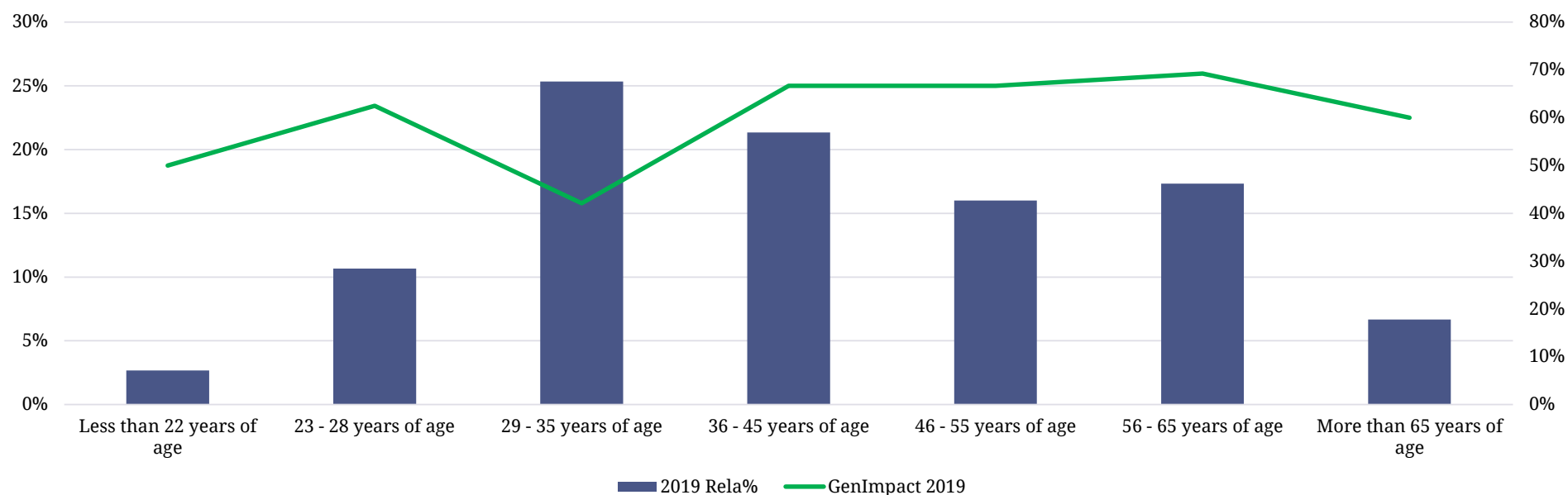
2019 SUMMARY						
Responses	Count	Rela%	Rank	Gen Impact	Index	
1 Professional (Full)	48	55%	1	83%	25%	
2 Candidate / Provisional Member	24	28%	2	42%	-16%	
3 Pre-Candidate	4	5%	5	20%	-38%	
4 Non-Practicing	5	6%	4	-	-	
5 Other membership category	0	0%	6	-	-	
6 I am not a member	0		6	-	-	
7 Other (please specify):	6	7%	3	67%	9%	
- No Response	0					
<b>Total</b>	<b>87</b>	<b>100%</b>				



## 2019 CIP Climate Change Survey, Atlantic Results Only

### Q16. Please tell us your age.

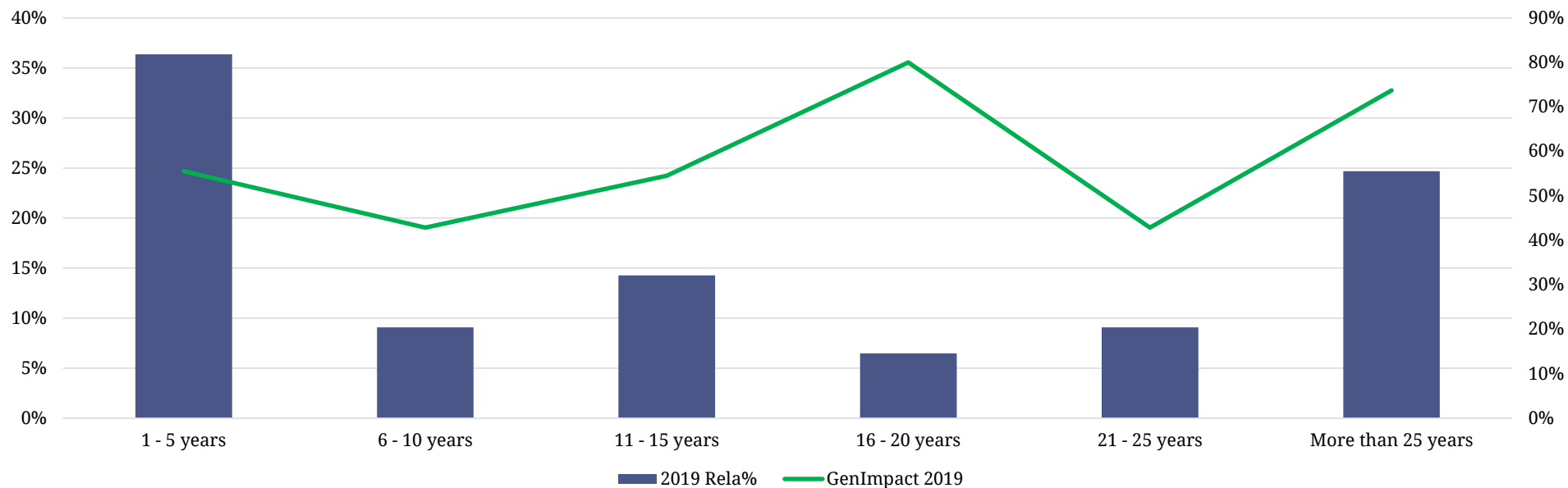
2019 SUMMARY						
Responses	Count	Rela%	Rank	Gen Impact	Index	
1 Less than 22 years of age	2	3%	7	50%	-8%	
2 23 - 28 years of age	8	11%	5	63%	5%	
3 29 - 35 years of age	19	25%	1	42%	-16%	
4 36 - 45 years of age	16	21%	2	67%	9%	
5 46 - 55 years of age	12	16%	4	67%	9%	
6 56 - 65 years of age	13	17%	3	69%	11%	
7 More than 65 years of age	5	7%	6	60%	2%	
8 I prefer not to respond	2	3%				
- No Response	12					
<b>Total</b>	<b>87</b>	<b>100%</b>				



## 2019 CIP Climate Change Survey, Atlantic Results Only

### Q17. Please tell us how many years you have worked in the planning sector.

2019 SUMMARY						
Responses	Count	Rela%	Rank	Gen Impact	Index	
1 1 - 5 years	28	36%	1	56%	52%	
2 6 - 10 years	7	9%	4	43%	45%	
3 11 - 15 years	11	14%	3	55%	53%	
4 16 - 20 years	5	6%	6	80%	72%	
5 21 - 25 years	7	9%	4	43%	45%	
6 More than 25 years	19	25%	2	74%	66%	
- No Response	10					
<b>Total</b>	<b>87</b>	<b>100%</b>				

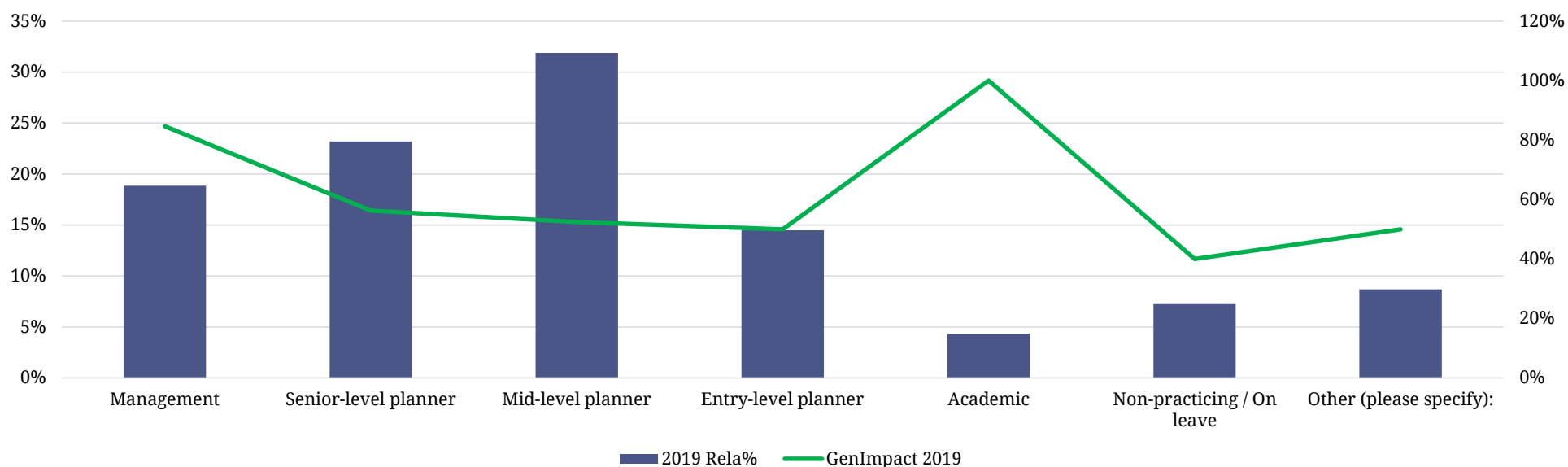


## 2019 CIP Climate Change Survey, Atlantic Results Only

### Q18. Please tell us which statement best describes your current job:

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 Management	13	19%	3	85%	27%
2 Senior-level planner	16	23%	2	56%	-2%
3 Mid-level planner	22	32%	1	52%	-5%
4 Entry-level planner	10	14%	4	50%	-8%
5 Academic	3	4%	7	100%	42%
6 Non-practicing / On leave	5	7%	6	40%	-18%
7 Other (please specify):	6	9%	5	50%	-8%
8 I prefer not to respond	2				
- No Response	18				
<b>Total</b>	<b>87</b>	<b>100%</b>			

\*Note: Response options changed in 2019, results not directly comparable

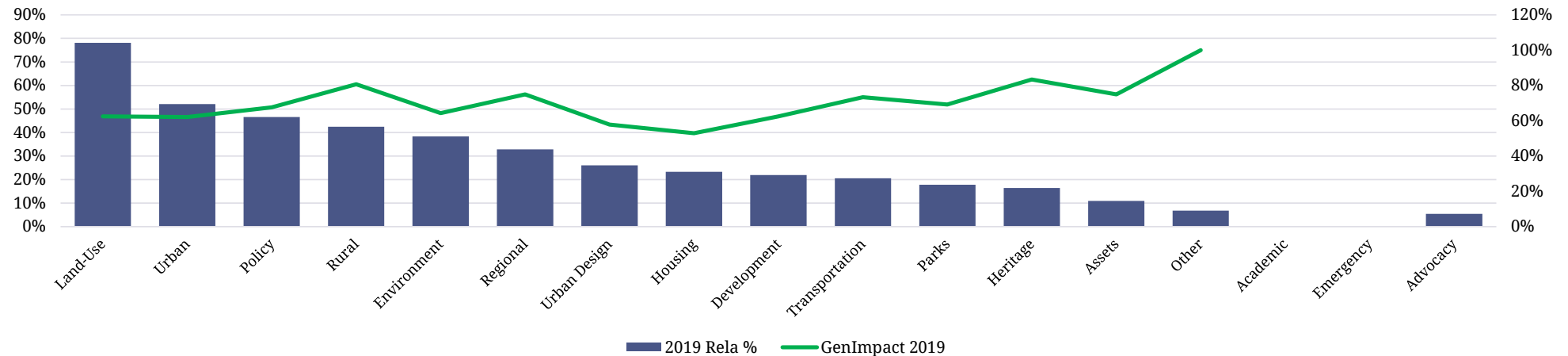


## 2019 CIP Climate Change Survey, Atlantic Results Only

**Q19. Please tell us which of the following most closely describes the type of work you do in planning. Please choose all that apply.**

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 Urban	28	38%	5	64%	6%
2 Rural	34	47%	3	68%	10%
3 Transportation	13	18%	11	69%	11%
4 Environment	24	33%	6	75%	17%
5 Regional	31	42%	4	81%	23%
6 Urban Design	19	26%	7	58%	0%
7 Housing / Real estate	8	11%	13	75%	17%
8 Heritage	16	22%	9	63%	5%
9 Land-Use	57	78%	1	63%	5%
10 Advocacy	5	7%	14	100%	42%
11 Open space and parks	17	23%	8	53%	-5%
12 Emergency Response/Disaster Preparedness	5	7%	14	80%	22%
13 Asset Management	5	7%	14	100%	42%
14 Academic/research	12	16%	12	83%	26%
15 Policy and/or Legal	38	52%	2	62%	4%
16 Social or community development	15	21%	10	73%	16%
17 Other (please specify):	4	5%	17	75%	17%
18 I do not know / not applicable	2				
- No Response	12				
<b>Total</b>	<b>87</b>				

\*Note: Question not asked in 2011

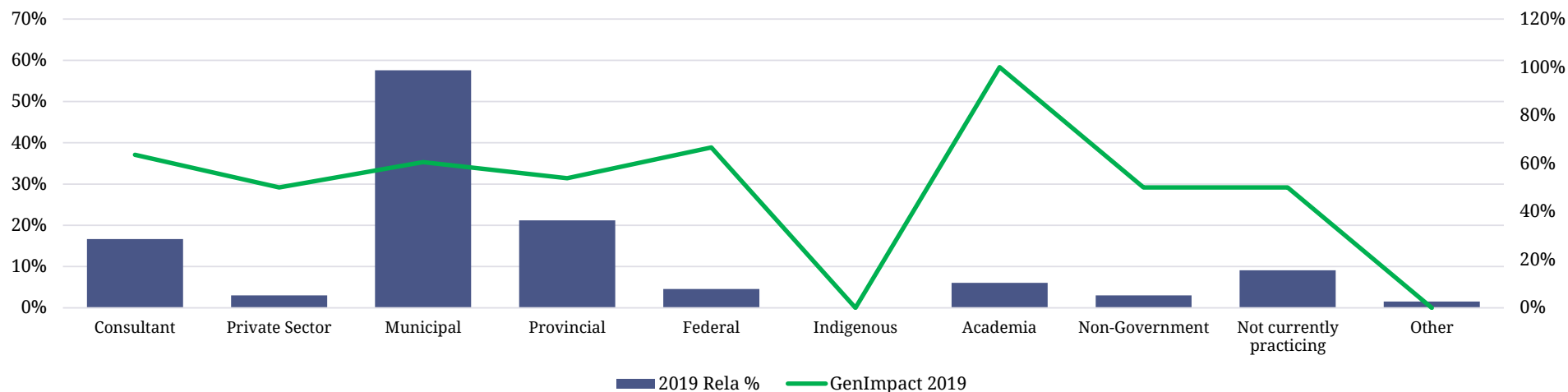


## 2019 CIP Climate Change Survey, Atlantic Results Only

**Q20. Please tell us in which area of the industry you are currently employed. Please choose all that apply.**

2019 SUMMARY						
Responses	Count	Rela%	Rank	Gen Impact	Index	
1 Private consultant	11	17%	3	64%	6%	
2 Private sector / Industry	2	3%	7	50%	-8%	
3 Government – Municipal or regional level	38	58%	1	61%	3%	
4 Government – Provincial/Territorial level	14	21%	2	54%	-4%	
5 Government – Federal level	3	5%	6	67%	9%	
6 Indigenous Nation/Band/Community	0	0%	10	-	-	
7 Academia/Research institution	4	6%	5	100%	42%	
8 Non-Governmental Organization	2	3%	7	50%	-8%	
9 I am not currently practicing	6	9%	4	50%	-8%	
# Other (please specify):	1	2%	9	0%	-58%	
- No Response	21					
<b>Total</b>	<b>87</b>					

\*Note: Question options changed in 2019, results not comparable

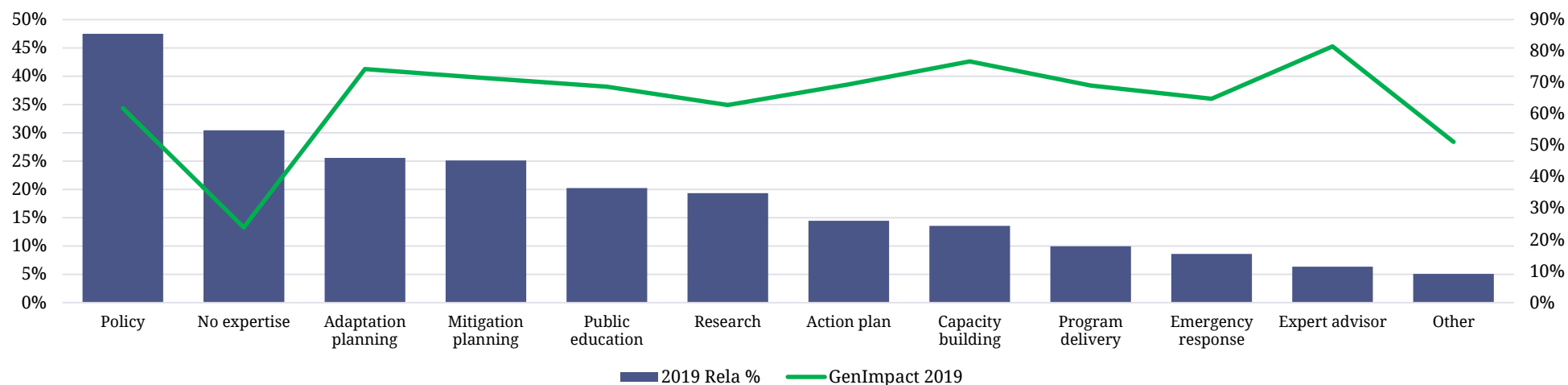


## 2019 CIP Climate Change Survey, Atlantic Results Only

**Q21. Please indicate which, if any, of the following best describe your area of climate change experience and skills. Please choose all that apply.**

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 Expert advisor (specific areas such as energy/carbon policy, public engagement)	4	5%	11	100%	42%
2 Adaptation planning	34	45%	2	85%	27%
3 Mitigation planning	24	32%	4	83%	25%
4 Emergency response/disaster preparedness planning	6	8%	9	83%	25%
5 Research	29	38%	3	76%	18%
6 Action plan implementation or monitoring	6	8%	9	50%	8%
7 Policy and regulatory development (including zoning)	44	58%	1	70%	12%
8 Public education or engagement	24	32%	4	75%	17%
9 Program delivery	7	9%	8	71%	14%
10 Capacity building	15	20%	7	100%	42%
11 I have no expertise in climate change planning	18	24%	6	22%	36%
12 Other (please specify):	2	3%	12	50%	8%
13 I do not know / not applicable	1				
- No Response	10				
<b>Total</b>	<b>87</b>				

\*Note: Question not asked in 2011

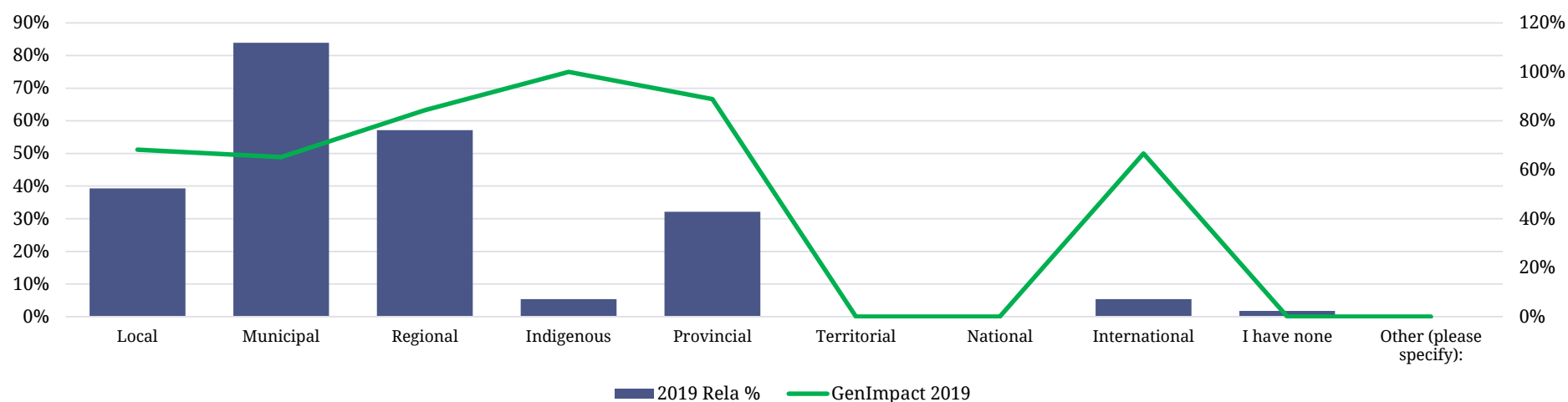


## 2019 CIP Climate Change Survey, Atlantic Results Only

**Q22. Please indicate the geographic focus of your professional climate change planning experience. Please choose all that apply.**

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 Neighborhood/Local	22	39%	3	68%	10%
2 Municipal	47	84%	1	65%	7%
3 Regional	32	57%	2	84%	27%
4 Indigenous Nation/Band/Community	3	5%	5	100%	42%
5 Provincial	18	32%	4	89%	31%
6 Territorial	0	0%	8	-	-
7 National	0	0%	8	-	-
8 International	3	5%	5	67%	9%
9 I have no expertise in climate change planning	1	2%	7	0%	-58%
# Other (please specify):	0	0%	8	-	-
# I do not know / not applicable	0				
- No Response	31				
<b>Total</b>	<b>87</b>				

\*Note: Question not asked in 2011



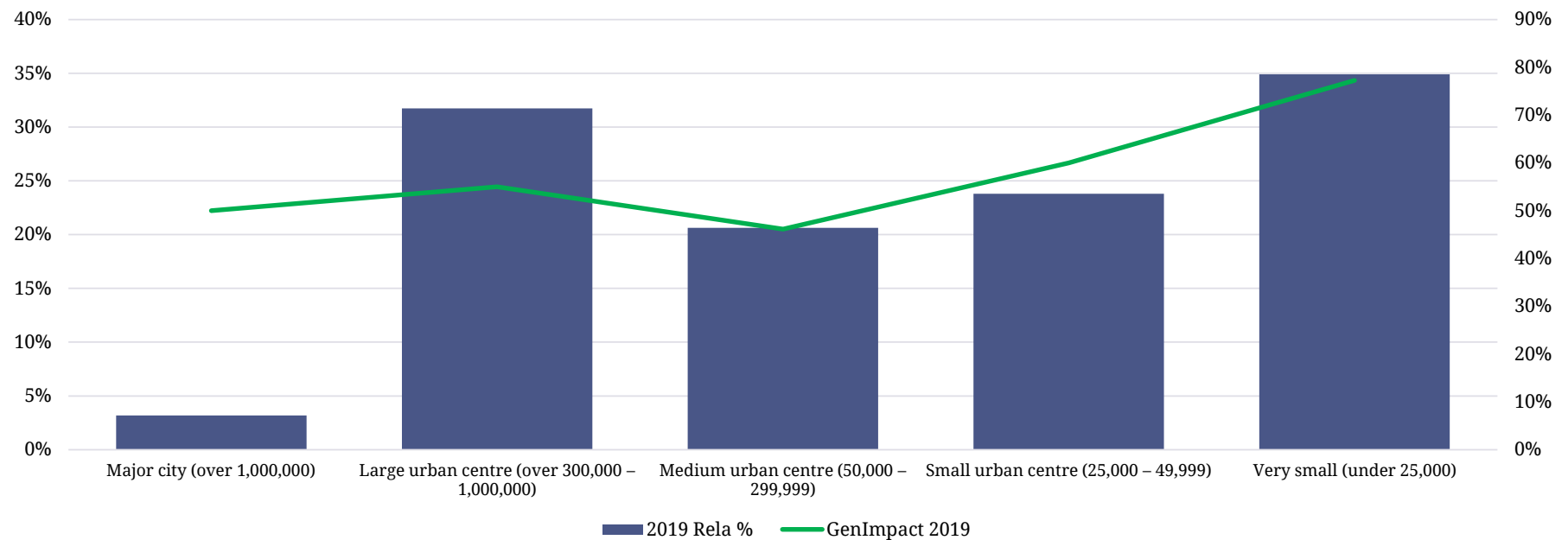


## 2019 CIP Climate Change Survey, Atlantic Results Only

### Q24. If you work with/ in a community, what size is it?

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 Major city (over 1,000,000)	2	3%	6	50%	18%
2 Large urban centre (over 300,000 – 1,000,000)	20	32%	2	55%	13%
3 Medium urban centre (50,000 – 299,999)	13	21%	4	46%	12%
4 Small urban centre (25,000 – 49,999)	15	24%	3	60%	12%
5 Very small (under 25,000)	22	35%	1	77%	19%
6 Not applicable	12				
- No Response	12				
<b>Total</b>	<b>87</b>				

\*Note: Question not asked in 2011

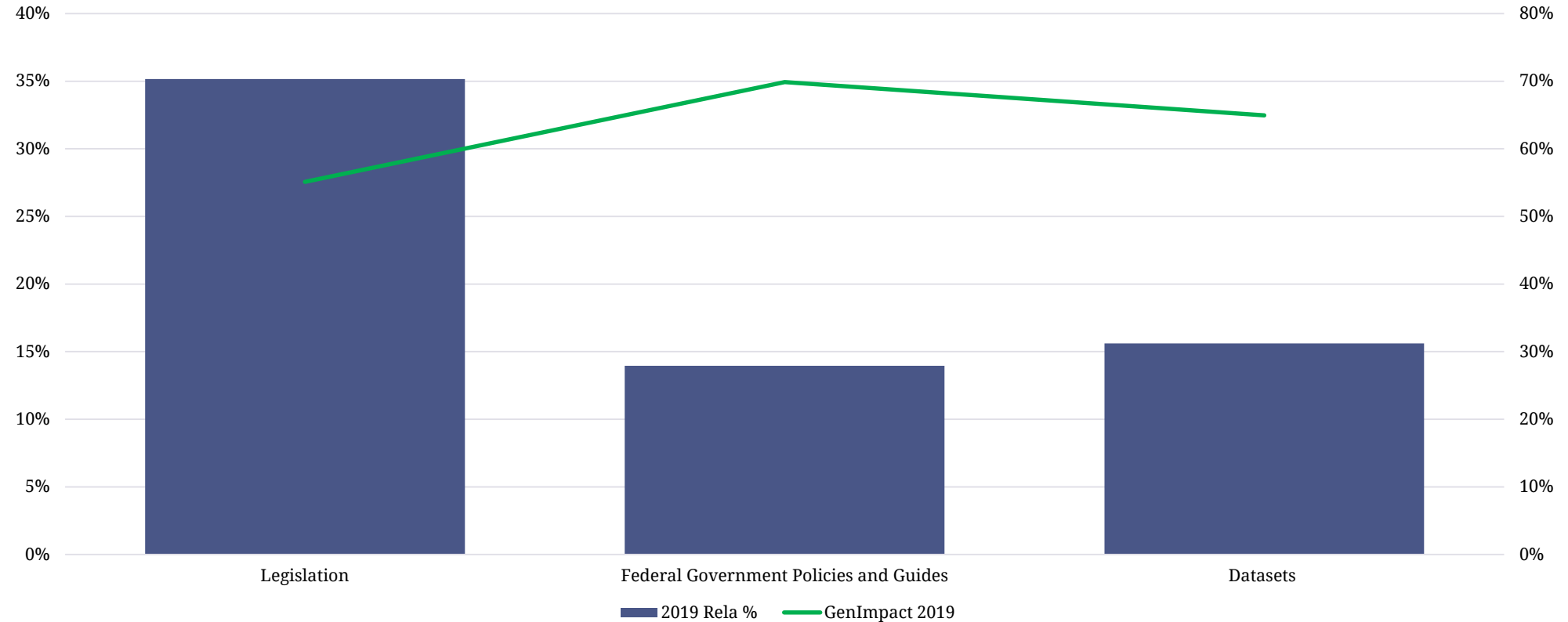


## 2019 CIP Climate Change Survey, Atlantic Results Only

**Q26. Please indicate how strongly you agree or disagree with the following statement:....**

2019 SUMMARY								
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two	
1 "my climate change planning experience includes work in rural and/or remote areas of Canada:	3.05	2.00	66%	0.42	55%	-3%	35%	
2 "my climate change planning experience includes work with Indigenous communities in Canada."	5.19	6.00	30%	0.19	70%	12%	14%	
3 "my climate change planning experience includes work with vulnerable populations in Canada."	4.38	4.00	44%	0.48	65%	7%	16%	

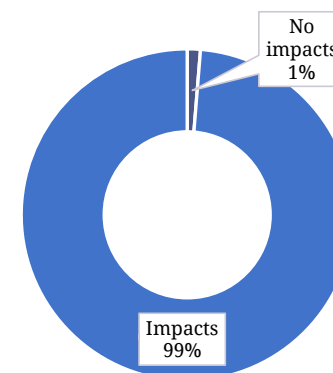
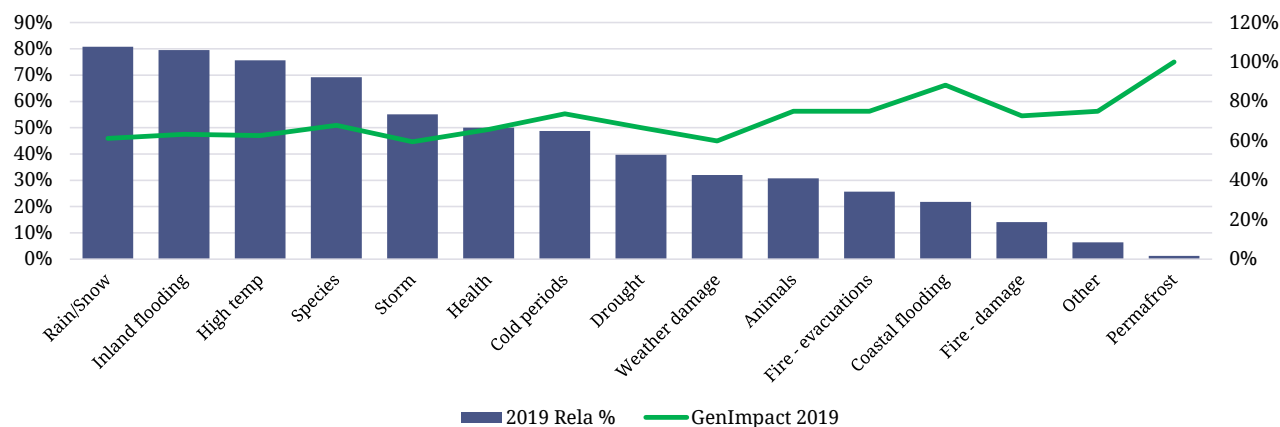
\*Note: Question not asked prior to 2019



## Q9. Please indicate which of the following, if any, you have experienced in the regions or communities where you practice. Please choose all that apply.

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 None of the items listed below	1				
2 Inland flooding, requiring significant or uncommon protection measures, or causing significant damage to public and private property	59	76%	3	63%	5%
3 Coastal flooding, requiring significant or uncommon protection measures, or causing significant damage to public and private property	62	79%	2	63%	6%
4 More intense and/or severe high rain or snowfall	63	81%	1	61%	3%
5 Drought requiring significant or uncommon water restrictions	25	32%	9	60%	2%
6 A forest fire that resulted in evacuations or an evacuation alert	17	22%	12	88%	30%
7 A forest fire that resulted in damage to buildings or other infrastructure	11	14%	13	73%	15%
8 More frequent and/or intense high temperatures for a prolonged period of time	39	50%	6	66%	8%
9 More frequent and/or intense severe cold periods, for a prolonged period of time	20	26%	11	75%	17%
10 Other severe weather-related event or events that have resulted in significant damage to public and private property	38	49%	7	74%	16%
11 More frequent and/or increased severe storm events (high wind, hurricanes, etc.)	54	69%	4	68%	10%
12 Permafrost melt	1	1%	15	100%	42%
13 Invasive species (insects, plants, etc.)	43	55%	5	60%	2%
14 Human health impacts (heat stress, smog, etc.)	24	31%	10	75%	17%
15 Climate-related change to vegetation or animal populations (loss of natural vegetation, change in migration patterns, etc.)	31	40%	8	67%	9%
16 Other/Comments (please specify):	5	6%	14	75%	17%
17 I do not know / not applicable	3				
- No Response	5				
<b>Total</b>	<b>87</b>				

\*Note: Question not asked prior to 2019

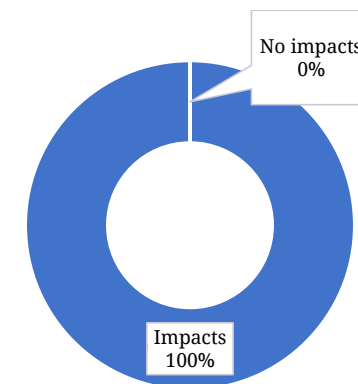
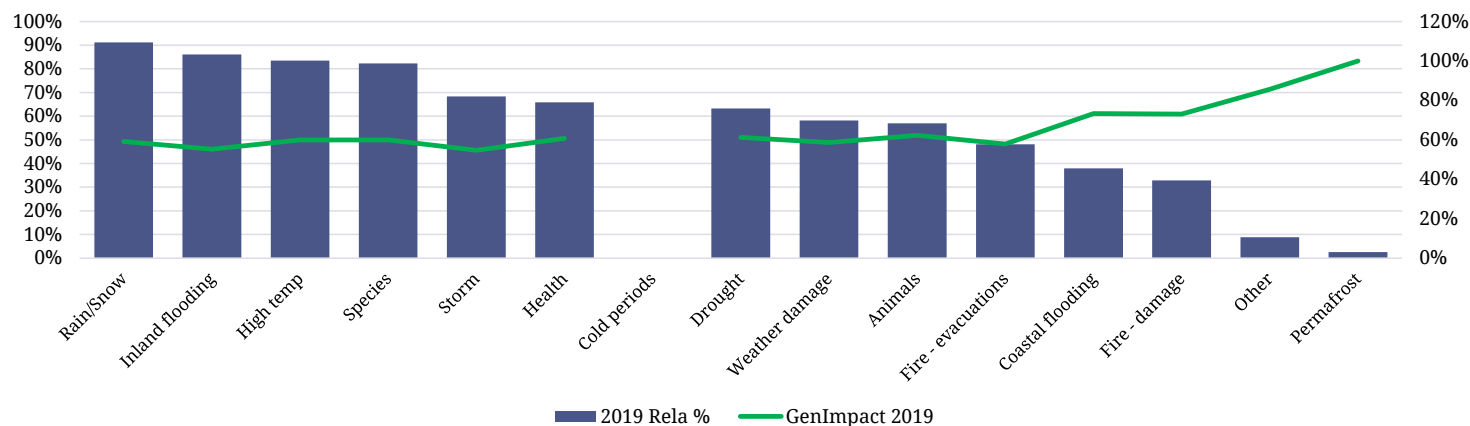




## Q10. Please indicate which of the following impacts you believe you will have to address in your professional planning practice within next 10 years. Please choose all that apply.

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 None of the items listed below	0				
2 Inland flooding, requiring significant or uncommon protection measures, or causing significant damage to public and private property	65	82%	4	60%	2%
3 Coastal flooding, requiring significant or uncommon protection measures, or causing significant damage to public and private property	72	91%	1	59%	1%
4 High rain or snowfall, above the annual normal	68	86%	2	55%	-3%
5 Drought requiring significant or uncommon water restrictions	46	58%	9	59%	1%
6 A forest fire that resulted in evacuations or an evacuation alert	30	38%	12	73%	16%
7 A forest fire that resulted in damage to buildings or other infrastructure	26	33%	13	73%	15%
8 More frequent and/or intense high temperatures for a prolonged period of time	52	66%	6	61%	3%
9 More frequent and/or intense severe cold periods, for a prolonged period of time	38	48%	11	58%	0%
10 Other severe weather-related event or events that have resulted in significant damage to public and private property	52	66%	6	65%	7%
11 More frequent and/or increased severe storm events (high wind, hurricanes, etc.)	66	84%	3	60%	2%
12 Permafrost melt	7	9%	14	86%	28%
13 Invasive species (insects, plants, etc.)	54	68%	5	55%	-3%
14 Human health impacts (heat stress, smog, etc.)	45	57%	10	62%	4%
15 Climate-related change to vegetation or animal populations (loss of natural vegetation, change in migration patterns, etc.)	50	63%	8	61%	3%
16 Other/Comments (please specify):	2	3%	15	100%	42%
17 I do not know / not applicable	4				
- No Response	4				
<b>Total</b>	<b>87</b>				

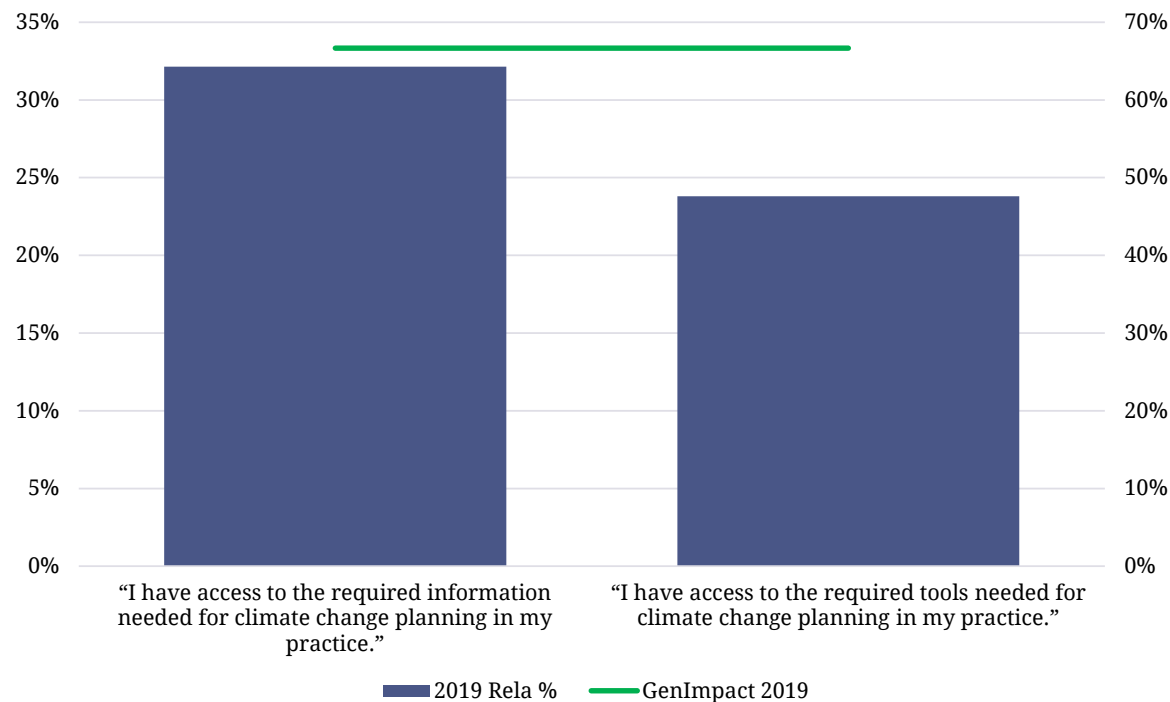
\*Note: Question not asked prior to 2019





## Q11. Please indicate how strongly you agree or disagree with each of the following statements:

2019 SUMMARY								
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two	Δ Top Two
1 "I have access to the required information needed for climate change planning in my practice."	3.46	3.00	59%	0.28	67%	9%	32%	32%
2 "I have access to the required tools needed for climate change planning in my practice."	3.82	3.00	53%	0.40	67%	9%	24%	24%

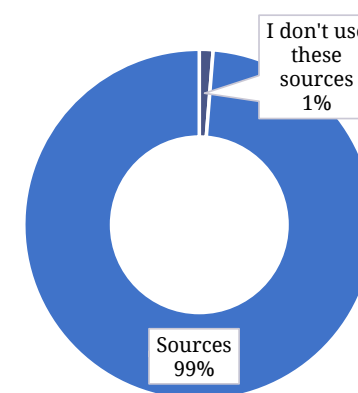
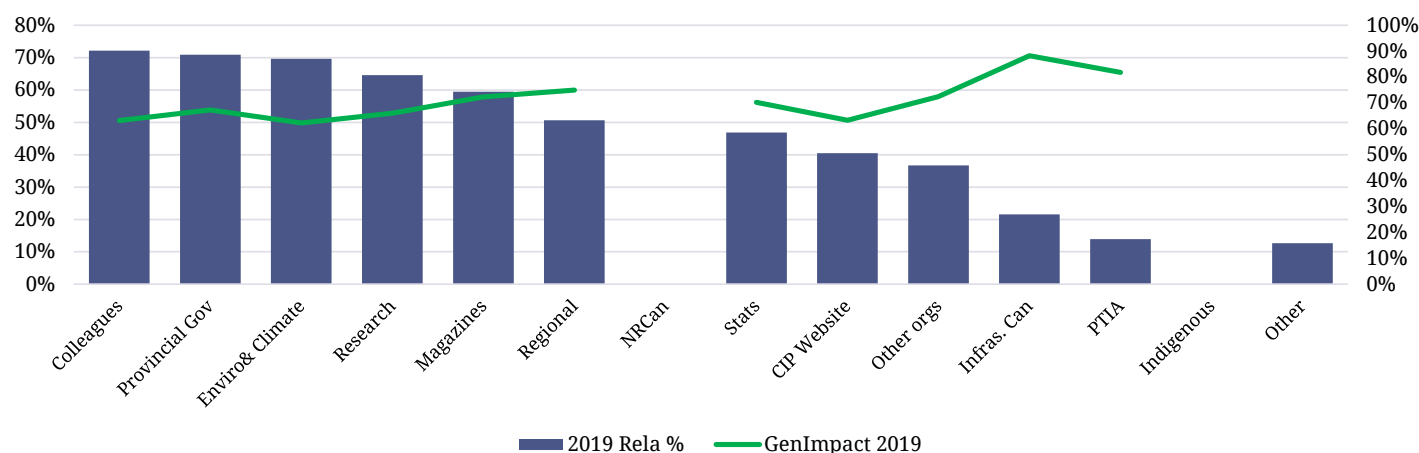




## Q12. When looking for information that will inform your climate change planning work, which sources of information do you consult? Please choose all that apply.

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 I have not consulted any of these sources listed below	1				
2 CIP website (climate change information available for download and links)	32	41%	9	63%	6%
3 Resources from other national organizations (i.e. Royal Architectural Institute of Canada)	29	37%	10	72%	15%
4 Statistics Canada	37	47%	8	70%	12%
5 Natural Resources Canada	47	59%	5	72%	15%
6 Infrastructure Canada	17	22%	11	88%	30%
7 Environment and Climate Change Canada	56	71%	2	67%	9%
8 Provincial/territorial government departments or agencies responsible for climate change programs	55	70%	3	62%	4%
9 Provincial and Territorial Planning Institute (PTIA)	11	14%	12	82%	24%
# Regional climate change resources or organizations	40	51%	6	75%	17%
# Colleagues and/or my professional network	57	72%	1	63%	5%
# Local Indigenous or traditional knowledge sources	11	14%	12	55%	-3%
# Published case studies and research	51	65%	4	66%	8%
# Magazines and journals (e.g. Plan Canada magazine)	40	51%	6	68%	10%
# Other/Comments (please specify):	10	13%	14	56%	-2%
# I do not know / not applicable	0				
- No Response	7				
<b>Total</b>	<b>87</b>				

\*Note: Question not asked prior to 2019

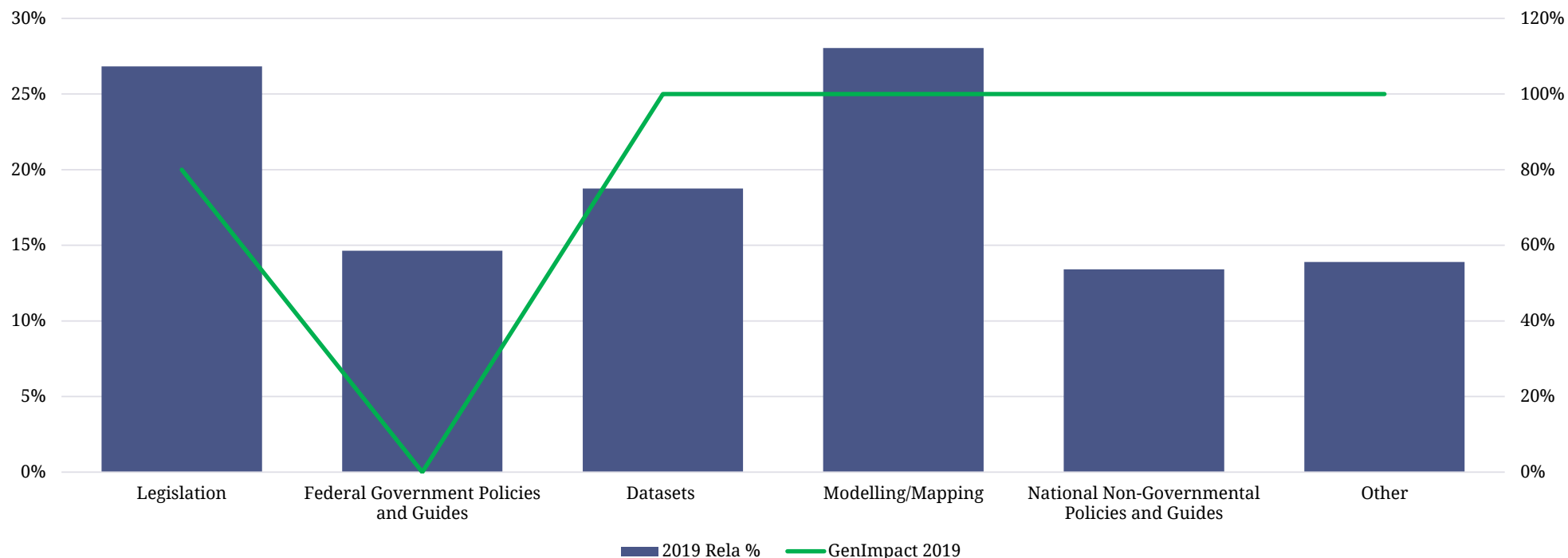


## 2019 CIP Climate Change Survey, Atlantic Results Only

### Q13. Please indicate how frequently or infrequently you use each of the following planning tools with respect to addressing the impact of climate change: National tools

2019 SUMMARY							
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two
1 Legislation (e.g. Environmental Impact Legislation)	4.24	3.50	46%	0.46	80%	22%	27%
2 Federal Government Policies and Guides	4.33	4.00	45%	0.52	0%	-58%	15%
3 Datasets (e.g. Green House Gas Data)	4.64	4.00	39%	0.53	100%	42%	19%
4 Modelling/Mapping (e.g. Climate Atlas of Canada)	4.10	3.00	48%	0.50	100%	42%	28%
5 National Non-Governmental Policies and Guides (e.g. CIP's Climate Change Policy)	4.82	4.50	36%	0.45	100%	42%	13%
6 Other (Please specify in the space provided below)	6.31	8.00	12%	0.24	100%	42%	14%

\*Note: Question not asked prior to 2019

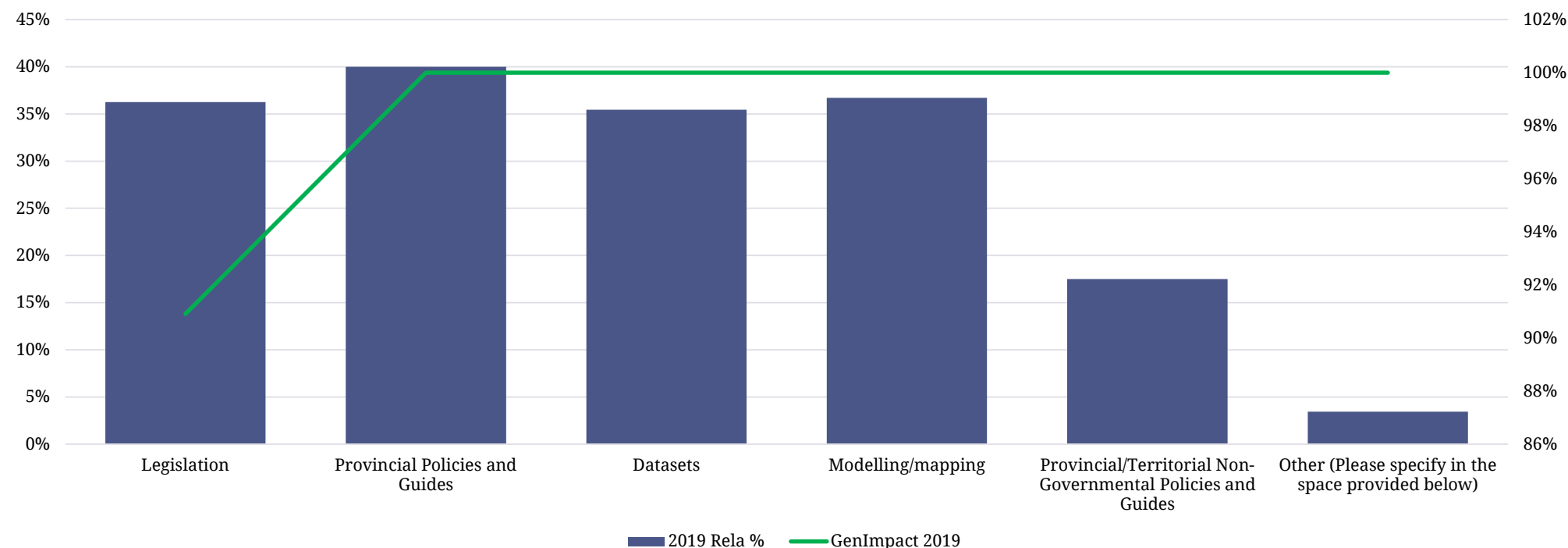




## Q13. Please indicate how frequently or infrequently you use each of the following planning tools with respect to addressing the impact of climate change: Provincial/Territorial tools

2019 SUMMARY							
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two
1 Legislation	3.83	3.00	53%	0.31	91%	33%	36%
2 Provincial Policies and Guides	3.64	3.00	56%	0.44	100%	42%	40%
3 Datasets	4.00	3.00	50%	0.47	100%	42%	35%
4 Modelling/mapping	3.84	3.00	53%	0.29	100%	42%	37%
5 Provincial/Territorial Non-Governmental Policies and Guides	4.58	4.00	40%	0.41	100%	42%	18%
6 Other (Please specify in the space provided below)	6.83	8.00	3%	0.10	100%	42%	3%

\*Note: Question not asked prior to 2019

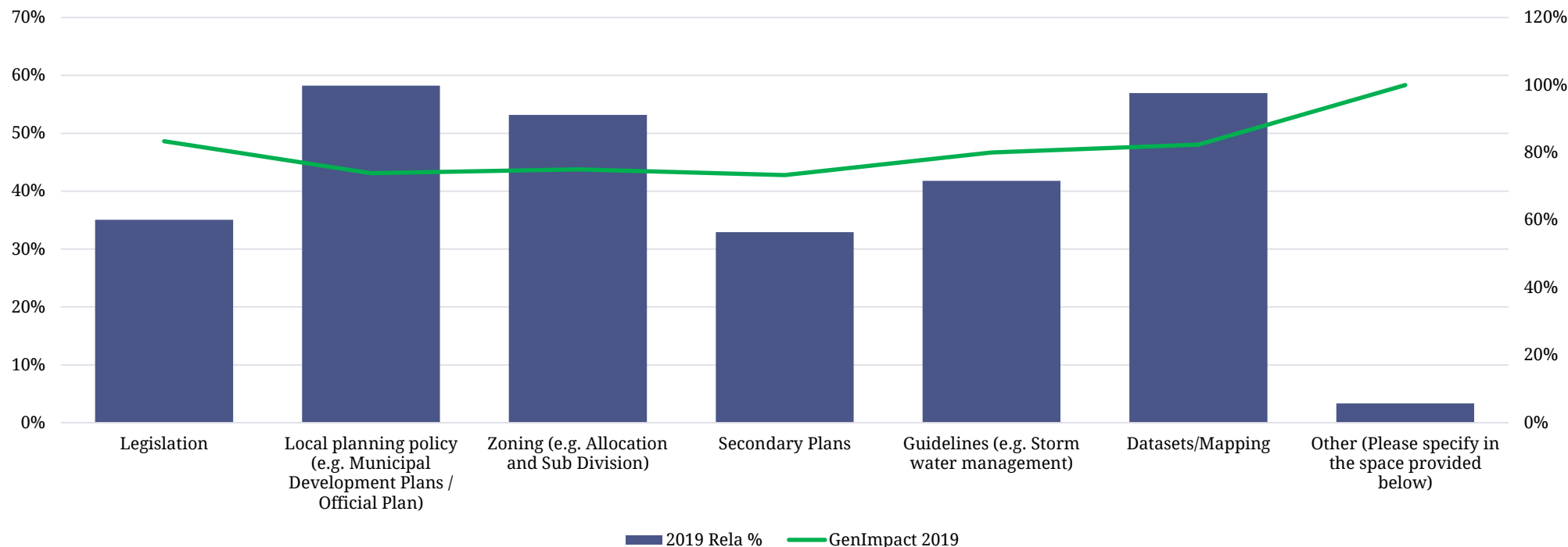




## Q13. Please indicate how frequently or infrequently you use each of the following planning tools with respect to addressing the impact of climate change: Regional / Local tools

2019 SUMMARY							
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two
1 Legislation	3.74	3.00	54%	0.30	83%	26%	35%
2 Local planning policy (e.g. Municipal Development Plans / Official Plan)	2.70	2.00	72%	0.24	74%	16%	58%
3 Zoning (e.g. Allocation and Sub Division)	2.91	2.00	68%	0.06	75%	17%	53%
4 Secondary Plans	4.30	4.00	45%	0.16	73%	16%	33%
5 Guidelines (e.g. Storm water management)	3.29	3.00	62%	0.39	80%	22%	42%
6 Datasets/Mapping	3.01	2.00	66%	0.54	82%	25%	57%
7 Other (Please specify in the space provided below)	6.80	8.00	3%	0.01	100%	42%	3%

\*Note: Question not asked prior to 2019



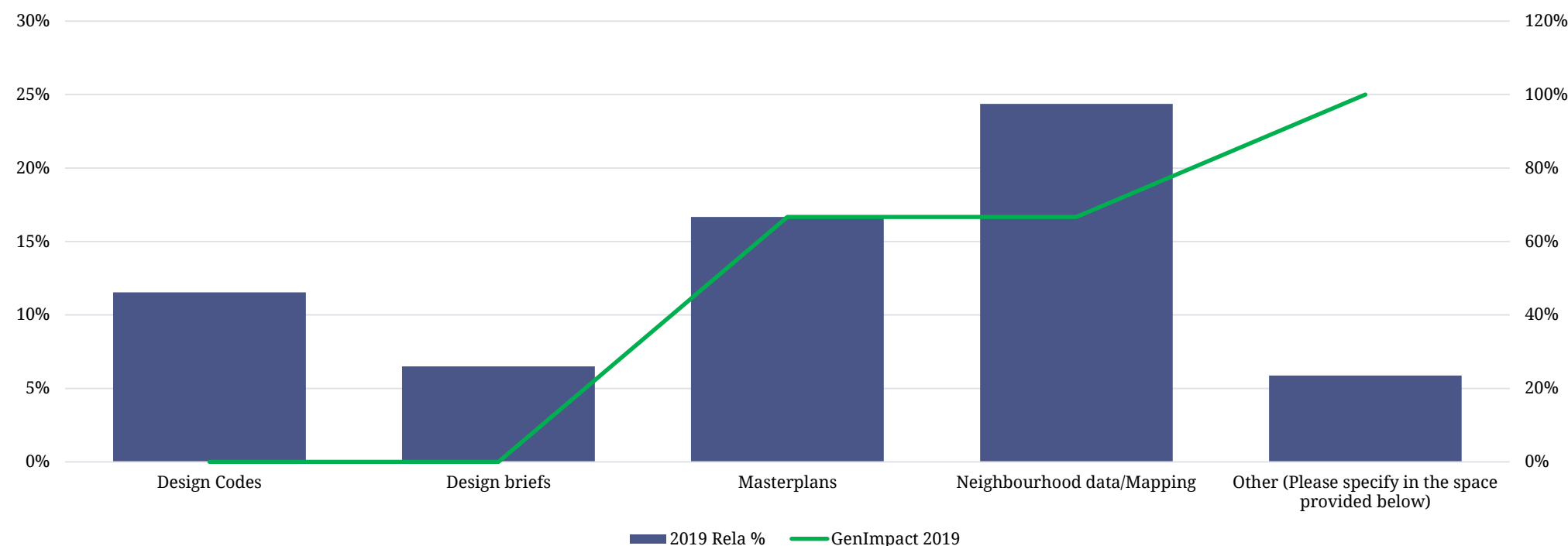
## 2019 CIP Climate Change Survey, Atlantic Results Only



### Q13. Please indicate how frequently or infrequently you use each of the following planning tools with respect to addressing the impact of climate change: Neighborhood / site specific tools

2019 SUMMARY							
Responses	Mean	Median	Score	CorrGen	Gen Impact	Index	Top Two
1 Design Codes	5.51	6.00	25%	0.12	0%	-58%	12%
2 Design briefs	5.91	7.00	18%	0.17	0%	-58%	6%
3 Masterplans	4.95	4.50	34%	0.16	67%	9%	17%
4 Neighbourhood data/Mapping	4.59	4.00	40%	0.20	67%	9%	24%
5 Other (Please specify in the space provided below)	6.97	8.00	0%	0.24	100%	42%	6%

\*Note: Question not asked prior to 2019



## 2019 CIP Climate Change Survey, Atlantic Results Only

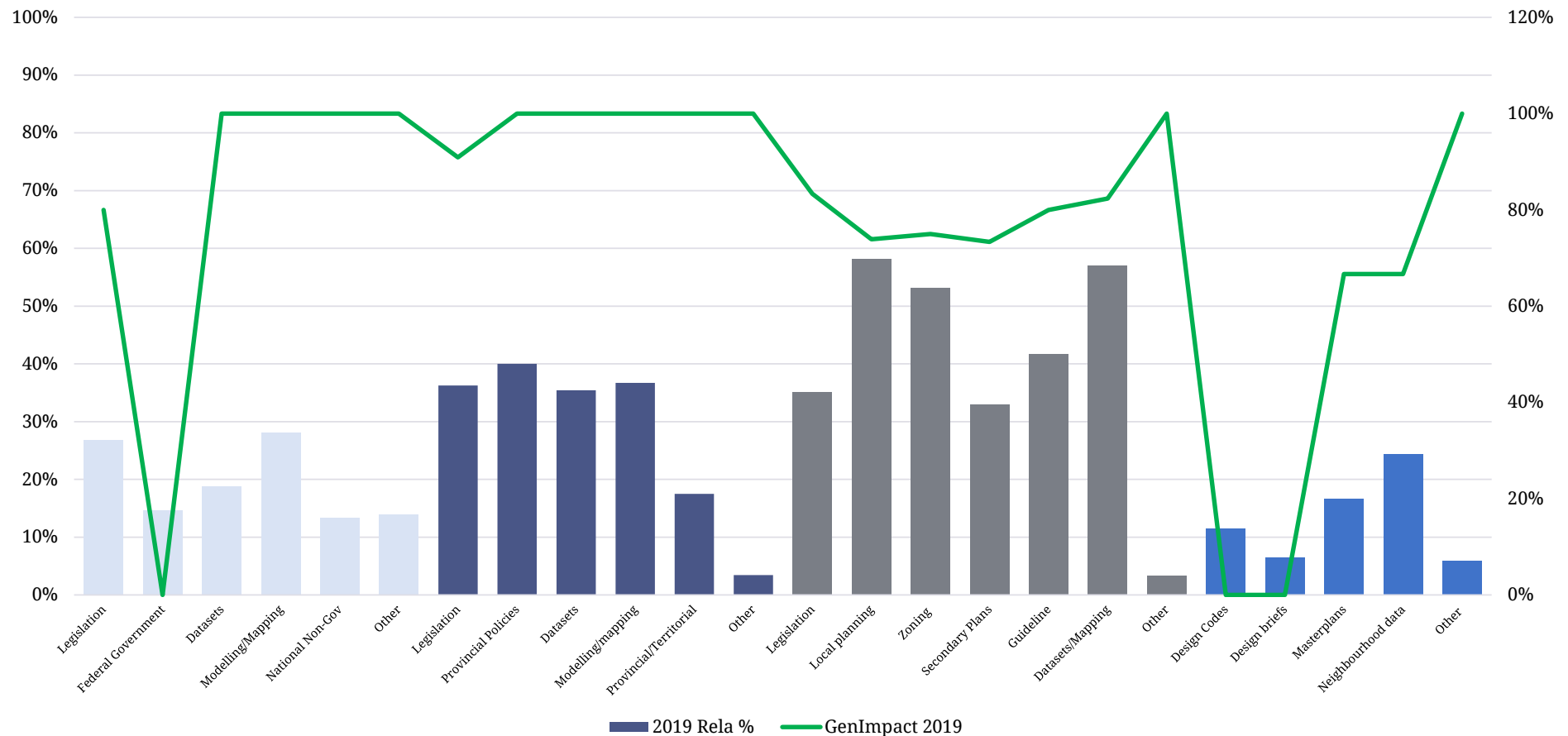


### Q13. Please indicate how frequently or infrequently you use each of the following planning tools with respect to addressing the impact of climate change: SUMMARY

2019 SUMMARY		
National Tools	Top Two	Gen Impact
1 Legislation (e.g. Environmental Impact Legislation)	27%	80%
2 Federal Government Policies and Guides	15%	0%
3 Datasets (e.g. Green House Gas Data)	19%	100%
4 Modelling/Mapping (e.g. Climate Atlas of Canada)	28%	100%
5 National Non-Governmental Policies and Guides (e.g. CIP's Climate Change Policy)	13%	100%
6 Other (Please specify in the space provided below)	14%	100%
Provincial Tools	Top Two	Gen Impact
1 Legislation	36%	91%
2 Provincial Policies and Guides	40%	100%
3 Datasets	35%	100%
4 Modelling/mapping	37%	100%
5 Provincial/Territorial Non-Governmental Policies and Guides	18%	100%
6 Other (Please specify in the space provided below)	3%	100%
Regional Tools	Top Two	Gen Impact
1 Legislation	35%	83%
2 Local planning policy (e.g. Municipal Development Plans / Official Plan)	58%	74%
3 Zoning (e.g. Allocation and Sub Division)	53%	75%
4 Secondary Plans	33%	73%
5 Guidelines (e.g. Storm water management)	42%	80%
6 Datasets/Mapping	57%	82%
7 Other (Please specify in the space provided below)	3%	100%
Neighborhood Tools	Top Two	Gen Impact
1 Design Codes	12%	0%
2 Design briefs	6%	0%
3 Masterplans	17%	67%
4 Neighbourhood data/Mapping	24%	67%
5 Other (Please specify in the space provided below)	6%	100%

## 2019 CIP Climate Change Survey, Atlantic Results Only

### Q13. Please indicate how frequently or infrequently you use each of the following planning tools with respect to addressing the impact of climate change: SUMMARY



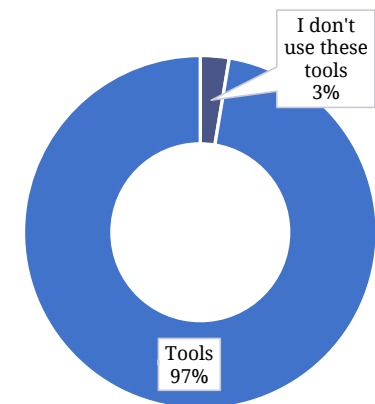
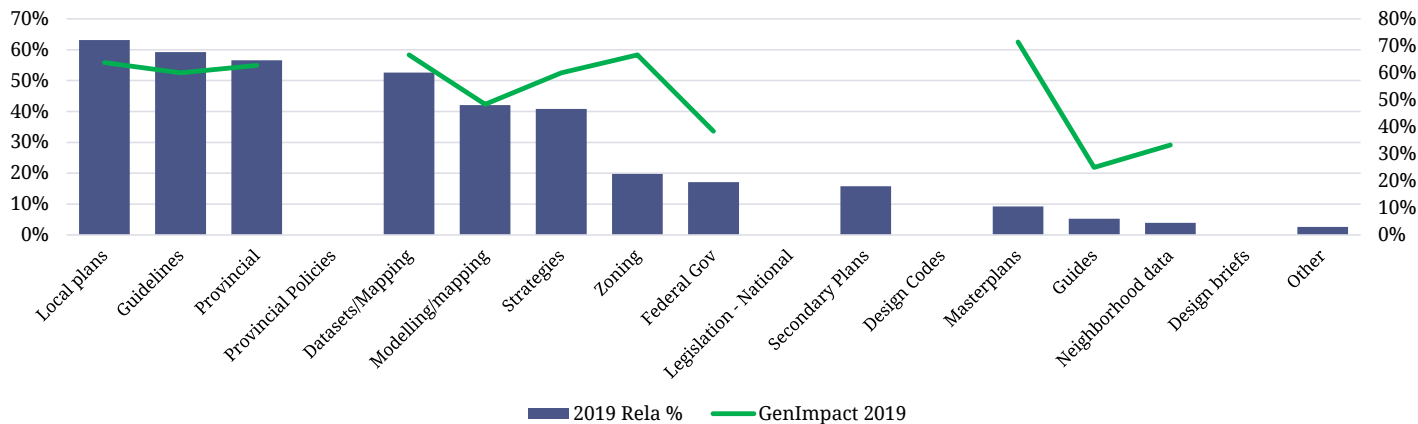
## 2019 CIP Climate Change Survey, Atlantic Results Only



**Q14. Please take a moment to consider the same set of tools described in the previous questions. When considering those tools, please indicate which five (5) you find to be the most effective for applying a climate lens to your planning work? Please choose no more than five (5).**

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 I do not use any of these tools	2				
2 Datasets/Mapping	43	57%	3	63%	5%
3 Design briefs	3	4%	15	33%	-24%
4 Design Codes	13	17%	9	38%	-19%
5 Federal Government Policies and Guides	12	16%	11	58%	1%
6 Guidelines (e.g. Storm water management)	43	57%	3	60%	2%
7 Guides (Non-Government)	13	17%	9	85%	27%
8 Legislation - National (e.g. Environmental Impact Regulations)	10	13%	11	50%	-8%
9 Legislation – Provincial	40	53%	5	67%	9%
10 Local planning policy (e.g. Official /Municipal Development Plans)	48	63%	1	64%	6%
11 Masterplans	7	9%	13	71%	14%
12 Modelling/mapping	45	59%	2	60%	2%
13 Neighborhood data	2	3%	17	50%	-8%
14 Provincial Policies and Guides	31	41%	7	60%	2%
15 Secondary Plans	4	5%	14	25%	-33%
16 Zoning (e.g. Allocation and Sub Division)	15	20%	8	67%	9%
17 Strategies (e.g. infrastructure plan)	32	42%	6	48%	-9%
15 Other/Comments (please specify):	3	4%	15	0%	-58%
16 I do not know / not applicable	1				
- No Response	8				
<b>Total</b>	<b>87</b>				

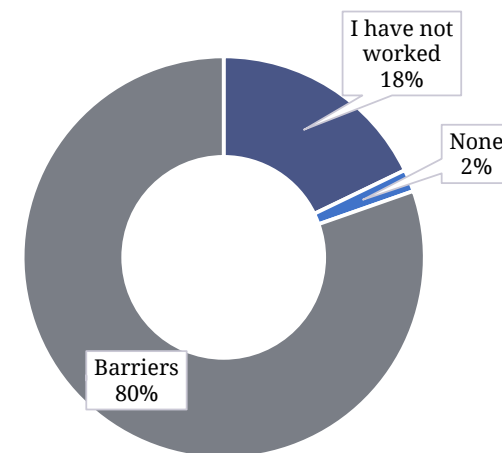
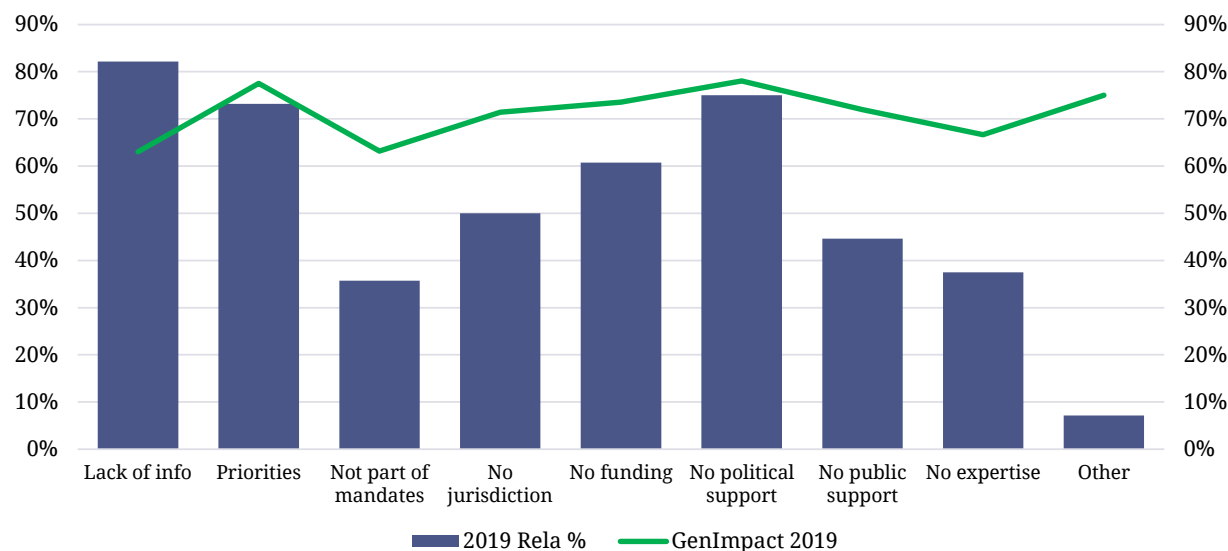
\*Note: Question not asked prior to 2019



**Q15. Please indicate which barriers, if any, you experience when incorporating the effects of a changing climate into your planning work. Please choose all that apply.**

2019 SUMMARY					
Responses	Count	Rela%	Rank	Gen Impact	Index
1 I have not worked on climate change planning	10				
2 None / I have not encountered any barriers	1				
3 Lack of information relevant to specific regions/sites/circumstances	46	82%	1	63%	5%
4 Competing priorities (e.g. financial viability)	41	73%	3	78%	20%
5 Not part of employer/client mandate(s)	20	36%	8	63%	5%
6 Lack of jurisdiction or authority	28	50%	5	71%	14%
7 Lack of funding or budgetary resources or staffing	34	61%	4	74%	16%
8 Lack of political support	42	75%	2	78%	20%
9 Lack of public support	25	45%	6	72%	14%
10 Lack of expertise	21	38%	7	67%	9%
11 Other/Comments (please specify):	4	7%	10	75%	17%
12 I do not know / not applicable	0				
- No Response	20				
<b>Total</b>	<b>87</b>				

\*Note: Question type changed in 2019, results not comparable





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