

Canadians divided on how to fight climate change

SecondStreet.org May | Summary | Report one of two

Conducted by Nanos for SecondStreet.org, June 2019
Submission 2019-1454



SUMMARY

Almost equal numbers of Canadians support a carbon tax or say that there are better ways to fight climate change

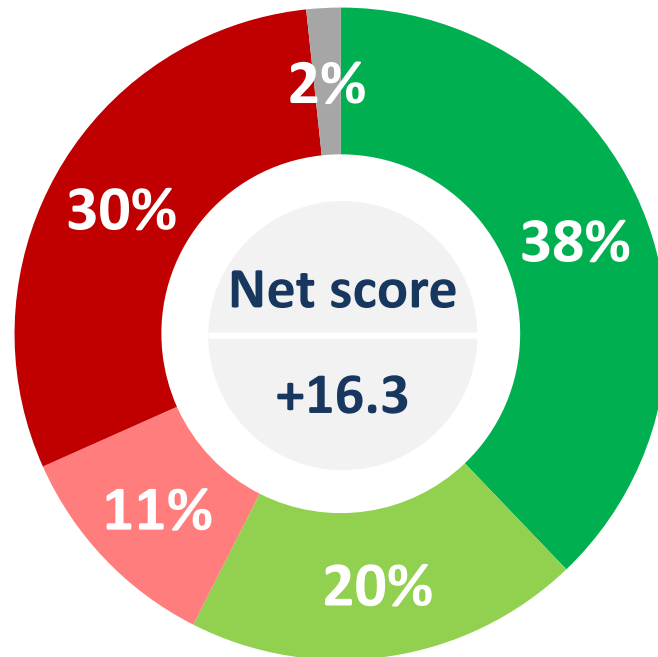
Canadians are split about the best course of action to fight climate change, with almost equal numbers saying the government should use a carbon tax to fight climate change or that there are better ways to fight climate change. Three in five Canadians support or somewhat support a carbon tax, and Canadians say they would pay \$372 per year on average on the carbon tax.

- **Nearly three in five Canadians support or somewhat support having to pay a carbon tax** – Close to three fifths of Canadians say they support (38%) or somewhat support (20%) having to pay a carbon tax in Canada, while two in five say they somewhat oppose (11%) or oppose (30%) this. Two per cent are unsure. Canadians from the Prairies are more likely to oppose a Carbon tax (47% oppose, nine per cent somewhat oppose), while those from Quebec (41% support, 26% somewhat support), Ontario (42% support, 18% somewhat support) and British Columbia (45% support, 14% somewhat support) are more likely to support.
- **On average Canadians say they would pay a carbon tax of \$373 per year to fight climate change** – Asked what is the maximum level of a carbon tax that they would be willing to pay to help fight climate change over the course of a year, Canadians say \$373 per year on average (median of \$100 per year). Canadians from British Columbia report a willingness to pay a higher average annual amount (\$488), while those in the Atlantic (\$305 per year) and Quebec (\$310 per year) report lower ones. Younger Canadians also report being willing to pay more than older Canadians (\$557 per year among those 18 to 34, \$369 per year among those 34 to 54, and \$251 among those 55 and older).
- **Canadians are split on how to fight climate change** – Asked which of three statements best reflected their personal view, 48 per cent of Canadians say the government should use carbon taxes to help fight climate change, while 44 per cent say there are better ways to fight climate change than a carbon tax. Five per cent say the government shouldn't worry about climate change and three per cent are unsure. Residents of the Prairies are more likely to say there are better ways to fight climate change (55%), while Quebecers are more likely to support the carbon tax as a means to fight climate change (59%).

These observations are based on an RDD dual frame (land- and cell-lines) hybrid telephone and online random survey of 1,000 Canadians, 18 years of age or older, between May 31st and June 4th, 2019 as part of an omnibus survey. The margin of error for this survey is ± 3.1 percentage points, 19 times out of 20.

This study was commissioned by SecondStreet.org and the research was conducted by Nanos Research.

Paying carbon tax in Canada



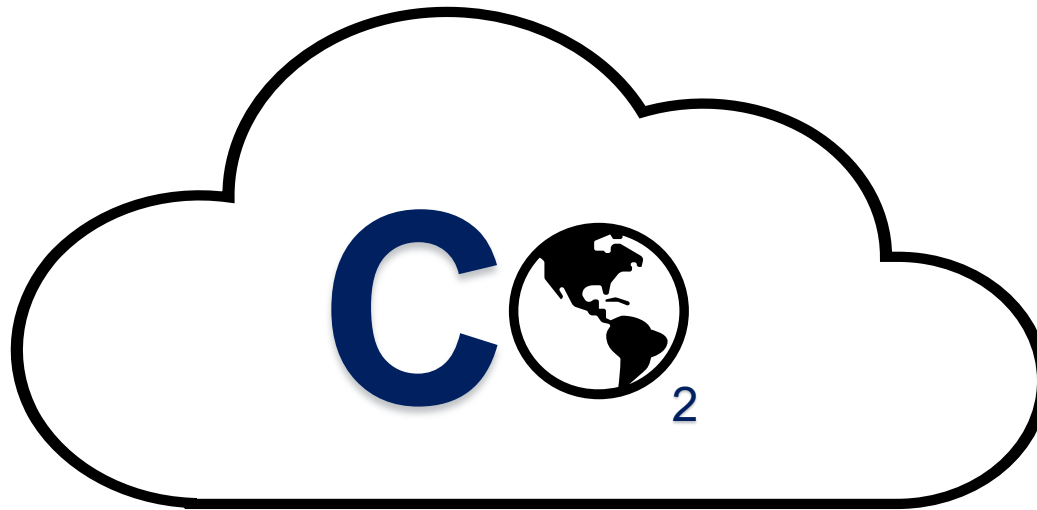
■ Support ■ Somewhat support ■ Somewhat oppose ■ Oppose ■ Unsure

	Support/ somewhat support
Atlantic (n=100)	54.0%
Quebec (n=250)	66.6%
Ontario (n=300)	59.5%
Prairies (n=200)	42.7%
British Columbia (n=150)	59.1%
Male (n=519)	54.1%
Female (n=481)	60.4%
18 to 34 (n=263)	62.6%
35 to 54 (n=385)	54.5%
55 plus (n=352)	56.0%

*Weighted to the true population proportion.
*Charts may not add up to 100 due to rounding.

QUESTION – Do you support, somewhat support, somewhat oppose or oppose having to pay a carbon tax in Canada?

Payment on carbon tax in Canada



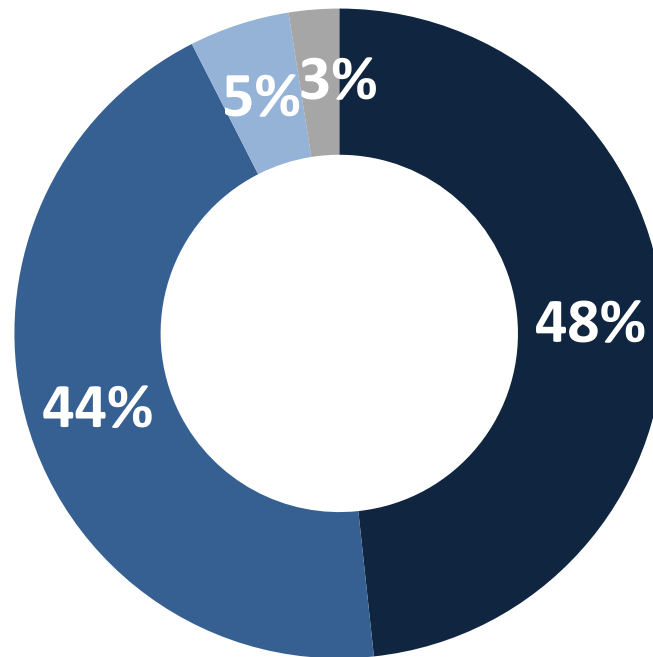
	Mean	Median
Atlantic (n=100)	305.1	100.0
Quebec (n=250)	310.4	100.0
Ontario (n=300)	386.0	154.0
Prairies (n=200)	387.1	50.0
British Columbia (n=150)	488.0	100.0
Male (n=519)	388.1	100.0
Female (n=481)	360.0	100.0
18 to 34 (n=263)	557.0	200.0
35 to 54 (n=385)	369.3	100.0
55 plus (n=352)	251.2	100.0

Mean: \$374.4 Median: \$100.0

*Weighted to the true population proportion.
*Charts may not add up to 100 due to rounding.

QUESTION – What is the maximum level of a carbon tax that you would be willing to pay to help fight climate change over the course of a year?

Personal views on carbon tax



- The government should use carbon taxes to help fight climate change
- There are better ways to fight climate change than a carbon tax
- The government shouldn't worry about climate change
- Unsure

	Use carbon tax to fight climate change	There are better ways to fight climate change
Atlantic (n=100)	42.1%	50.2%
Quebec (n=250)	59.2%	33.7%
Ontario (n=300)	47.8%	46.5%
Prairies (n=200)	37.3%	55.4%
British Columbia (n=150)	50.3%	38.1%
Male (n=519)	44.5%	46.6%
Female (n=481)	52.0%	41.8%
18 to 34 (n=263)	54.3%	37.6%
35 to 54 (n=385)	45.2%	48.5%
55 plus (n=352)	47.0%	45.0%

*Weighted to the true population proportion.

*Charts may not add up to 100 due to rounding.

QUESTION – Which of the following statements best represents your personal view:[RANDOMIZE]

METHODOLOGY



METHODOLOGY



Nanos conducted an RDD dual frame (land- and cell-lines) hybrid telephone and online random survey of 1,000 Canadians, 18 years of age or older, between May 31st and June 4th, 2019 as part of an omnibus survey. Participants were randomly recruited by telephone using live agents and administered a survey online. The results were statistically checked and weighted by age and gender using the latest Census information and the sample is geographically stratified to be representative of Canada.

Individuals were randomly called using random digit dialling with a maximum of five call backs.

The margin of error for this survey is ± 3.1 percentage points, 19 times out of 20.

The research was commissioned by SecondStreet.org and was conducted by Nanos Research. Report one of two.

Note: Charts may not add up to 100 due to rounding.

TECHNICAL NOTE

Element	Description
Organization who commissioned the research	SecondStreet.org
Final Sample Size	1000 Randomly selected individuals.
Margin of Error	±3.1 percentage points, 19 times out of 20.
Mode of Survey	RDD dual frame (land- and cell-lines) random telephone [omnibus] survey
Sampling Method Base	The sample included both land- and cell-lines RDD (Random Digit Dialed) across Canada.
Demographics (Captured)	Atlantic Canada, Quebec, Ontario, Prairies, British Columbia; Men and Women; 18 years and older. Six digit postal code was used to validate geography.
Fieldwork/Validation	Individuals were recruited using live interviews with live supervision to validate work, the research questions were administered online.
Number of Calls	Maximum of five call backs.
Time of Calls	Individuals were called between 12-5:30 pm and 6:30-9:30pm local time for the respondent.
Field Dates	May 31 st to June 4 th , 2019.
Language of Survey	The survey was conducted in both English and French.
Standards	This report exceeds the standards set forth by CRIC, ESOMAR and AAPOR.

Element	Description
Weighting of Data	The results were weighted by age and gender using the latest Census information (2016) and the sample is geographically stratified to ensure a distribution across all regions of Canada. See tables for full weighting disclosure
Screening	Screening ensured potential respondents did not work in the market research industry, in the advertising industry, in the media or a political party prior to administering the survey to ensure the integrity of the data.
Excluded Demographics	Individuals younger than 18 years old; individuals without land or cell lines could not participate.
Stratification	By age and gender using the latest Census information (2016) and the sample is geographically stratified to be representative of Canada. Smaller areas such as Atlantic Canada were marginally oversampled to allow for a minimum regional sample.
Estimated Response Rate	Eleven percent, consistent with industry norms.
Question Order	Question order in the preceding report reflects the order in which they appeared in the original questionnaire.
Question Content	This was module six of an omnibus survey. Previous modules were about international relations, the government, recycling, electoral issues, artificial intelligence and air travel. This is one report of two.
Question Wording	The questions in the preceding report are written exactly as they were asked to individuals.
Survey Company	Nanos Research
Contact	Contact Nanos Research for more information or with any concerns or questions. http://www.nanos.co Telephone:(613) 234-4666 ext. 237 Email: info@nanosresearch.com .

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Carbon ex

TABULATIONS





2019-1454 – Second Street/Nanos Survey – Second Street May - STAT SHEET

			Region						Gender		Age		
			Canada 2019-05	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 34	34 to 54	55 plus
Question - Do you support, somewhat support, somewhat oppose or oppose having to pay a carbon tax in Canada?	Total	Unwgt N	1000	100	250	300	200	150	519	481	263	385	352
		Wgt N	1000	100	250	300	200	150	491	509	271	340	389
	Support	%	37.6	27.6	40.6	42.0	26.7	44.8	35.6	39.5	38.7	36.0	38.2
	Somewhat support	%	19.7	26.4	26.0	17.5	16.0	14.3	18.5	20.9	24.0	18.5	17.8
	Somewhat oppose	%	10.9	12.0	13.4	9.7	8.9	11.1	10.6	11.2	12.4	11.2	9.6
	Oppose	%	30.1	33.2	16.4	29.4	46.7	29.8	34.4	25.9	23.5	31.7	33.2
	Unsure	%	1.7	0.8	3.6	1.4	1.6	0.0	0.9	2.5	1.4	2.6	1.1

Nanos conducted an RDD dual frame (land- and cell- lines) hybrid telephone and online random survey of 1,000 Canadians, 18 years of age or older, between May 31st and June 4th, 2019. The margin of error for a random survey of 1,000 Canadians is ± 3.1 percentage points, 19 times out of 20.

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			Region						Gender		Age		
			Canada 2019-05	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 34	34 to 54	55 plus
Question - What is the maximum level of a carbon tax that you would be willing to pay to help fight climate change over the course of a year? [OPEN]	Total	Unwgt N	1000	100	250	300	200	150	519	481	263	385	352
		Wgt N	1000	100	250	300	200	150	491	509	271	340	389
		Mean	374.42	305.10	310.44	386.00	387.12	487.95	388.10	360.04	557.00	369.27	251.16
		Median	100.00	100.00	100.00	154.00	50.00	100.00	100.00	100.00	200.00	100.00	100.00
	.00	%	26.3	32.9	17.2	23.5	39.6	24.5	31.9	20.9	21.5	28.1	28.0
	.01	%	0.1	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.0
	1.00	%	0.2	0.0	0.4	0.3	0.0	0.0	0.2	0.2	0.4	0.3	0.0
	2.00	%	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
	5.00	%	0.2	0.0	0.4	0.0	0.4	0.0	0.2	0.2	0.3	0.3	0.0
	10.00	%	0.9	0.0	1.2	1.4	0.6	0.7	0.2	1.7	0.7	0.9	1.2
	20.00	%	0.7	0.7	1.2	1.2	0.0	0.0	0.7	0.8	0.4	0.9	0.8
	25.00	%	0.9	0.0	2.2	0.4	1.1	0.0	0.8	1.0	0.4	0.5	1.5

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		Region						Gender		Age		
		Canada 2019-05	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 34	34 to 54	55 plus
30.00	%	0.4	0.0	0.5	0.4	0.7	0.0	0.2	0.5	0.4	0.0	0.7
50.00	%	3.6	1.5	4.5	3.3	3.2	4.3	2.4	4.7	4.2	4.5	2.3
60.00	%	0.1	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.2	0.0
75.00	%	0.3	0.0	0.0	0.7	0.4	0.0	0.4	0.2	0.4	0.2	0.3
100.00	%	13.7	17.8	20.3	9.0	10.0	14.4	12.4	15.0	10.0	13.2	16.8
102.00	%	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.2	0.0	0.3	0.0
109.00	%	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0
120.00	%	0.6	0.7	0.9	0.2	0.5	0.8	0.8	0.4	0.4	0.4	0.9
125.00	%	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.3
150.00	%	0.7	1.1	0.4	1.7	0.0	0.0	0.6	0.9	1.2	0.5	0.6
154.00	%	0.1	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.3
200.00	%	6.0	5.4	9.2	5.7	3.9	4.6	5.8	6.3	7.6	5.5	5.5
209.00	%	0.1	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0
250.00	%	2.2	3.4	1.6	3.4	1.4	0.6	1.5	2.8	3.4	2.0	1.4
288.00	%	0.1	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0
300.00	%	3.0	2.9	3.7	3.8	1.3	2.8	2.6	3.5	1.9	1.6	5.2
350.00	%	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3
360.00	%	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.2	0.0	0.3	0.0
365.00	%	0.1	1.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
400.00	%	1.3	0.0	0.5	3.0	0.0	2.1	1.4	1.3	1.3	1.2	1.5
500.00	%	10.0	9.8	7.6	11.9	10.0	10.4	10.3	9.8	10.5	10.4	9.4

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		Canada 2019-05	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 34	34 to 54	55 plus
599.00	%	0.1	0.0	0.0	0.0	0.5	0.0	0.2	0.0	0.4	0.0	0.0
600.00	%	0.8	0.0	0.4	1.0	1.6	0.5	1.2	0.5	1.1	0.7	0.6
700.00	%	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.3	0.0
750.00	%	0.3	0.0	0.8	0.4	0.0	0.0	0.4	0.2	0.4	0.3	0.3
800.00	%	0.2	0.0	0.4	0.3	0.0	0.0	0.2	0.2	0.4	0.3	0.0
900.00	%	0.1	1.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
1000.00	%	9.1	5.4	7.9	9.9	10.2	10.8	11.0	7.3	11.9	8.6	7.7
1200.00	%	0.3	0.0	0.3	0.0	0.5	0.7	0.6	0.0	0.8	0.0	0.2
1208.00	%	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
1500.00	%	0.8	0.0	0.4	0.9	0.5	2.0	0.9	0.6	0.8	1.3	0.3
2000.00	%	1.0	1.9	0.9	0.0	1.3	1.9	0.2	1.7	1.9	0.9	0.3
2400.00	%	0.2	0.0	0.0	0.0	0.0	1.3	0.2	0.2	0.4	0.3	0.0
2500.00	%	0.1	0.0	0.0	0.0	0.6	0.0	0.2	0.0	0.0	0.3	0.0
3000.00	%	0.1	0.0	0.0	0.0	0.5	0.0	0.0	0.2	0.4	0.0	0.0
4000.00	%	0.2	0.0	0.0	0.5	0.4	0.0	0.5	0.0	0.3	0.4	0.0
5000.00	%	0.9	1.1	0.0	1.3	1.5	0.7	1.0	0.8	2.3	0.5	0.3
10000.00	%	0.2	0.0	0.4	0.0	0.0	0.6	0.2	0.2	0.4	0.3	0.0
Unsure	%	13.1	9.8	15.1	14.7	9.2	14.4	9.3	16.8	12.7	13.5	13.1

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			Region						Gender		Age		
			Canada 2019-05	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 34	34 to 54	55 plus
Question - Which of the following statements best represents your personal view? [RANDOMIZE]	Total	Unwgt N	1000	100	250	300	200	150	519	481	263	385	352
		Wgt N	1000	100	250	300	200	150	491	509	271	340	389
		Mean	1.62	1.68	1.51	1.60	1.72	1.65	1.67	1.57	1.56	1.63	1.65
	The government should use carbon taxes to help fight climate change	%	48.3	42.1	59.2	47.8	37.3	50.3	44.5	52.0	54.3	45.2	47.0
	There are better ways to fight climate change than a carbon tax.	%	44.2	50.2	33.7	46.5	55.4	38.1	46.6	41.8	37.6	48.5	45.0
	The government shouldn't worry about climate change	%	5.0	4.9	4.1	4.0	5.3	8.0	6.7	3.3	5.8	4.9	4.4
	Unsure	%	2.5	2.9	3.1	1.7	2.1	3.6	2.2	2.8	2.3	1.4	3.7

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