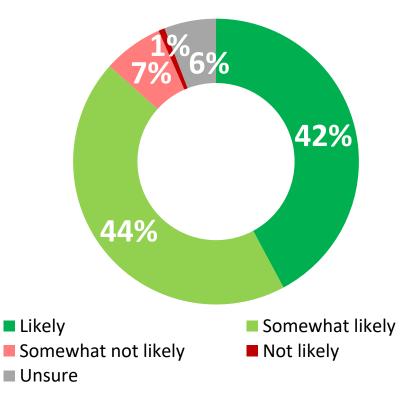
Strong majority of Canadians say a recession is likely or somewhat likely in 2023.

National survey released December 2022 Submission 2022-2247



Q – Do you think it is likely, somewhat likely, somewhat not likely or not likely that Canada will have a recession in 2023?



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

Source: Nanos Research, RDD dual frame hybrid telephone and online random survey, November 27th to 29th, 2022, n=1025, accurate 3.1 percentage points plus or minus, 19 times out of 20.



Say it is likely or somewhat likely that Canada will have a recession in 2023. Under one in ten say it is not likely (one per cent) or somewhat not likely (seven per cent).



Likelihood that Canada will have a recession in 2023 by demographics

Q – Do you think it is likely, somewhat likely, somewhat not likely or not likely that Canada will have a recession in 2023?

Likely/ Somewhat likely							
Atlantic (n=98)	Quebec (n=239)	Ontario (n=325)	Prairies (n=206)	BC (n=157)			
87.0%	87.0%	88.3%	83.8%	84.9%			
Men (n=529)	Women (n=496)	18 to 34 (n=163)	35 to 54 (n=395)	55 plus (n=467)			
88.1%	85.3%	88.4%	90.4%	82.6%			
Somewhat unlikely/ unlikely							
Atlantic (n=98)	Quebec (n=239)	Ontario (n=325)	Prairies (n=206)	BC (n=157)			
6.7%	7.0%	7.4%	7.9%	8.4%			
Men (n=529)	Women (n=496)	18 to 34 (n=163)	35 to 54 (n=395)	55 plus (n=467)			
7.5%	7.5%	2.7%	6.5%	11.3%			

Source: Nanos Research, RDD dual frame hybrid telephone and online random survey, November 27th to 29th, 2022, n=1025, accurate 3.1 percentage points plus or minus, 19 times out of 20.



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VALIDATE

TEST IDEAS

REVIEN RESEARCH)

Nanos conducted an RDD dual frame (land- and celllines) hybrid telephone and online random survey of 1025 Canadians, 18 years of age or older, between November 27th and 29th, 2022 as part of an omnibus survey. Participants were randomly recruited by telephone using live agents and administered a survey online. The sample included both land- and cell-lines across Canada. 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 randomly called using random digit dialing with a maximum of five call backs.

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

This study was commissioned by CTV News and the research was conducted by Nanos Research.

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

Element	Description	Element	Description					
Research sponsor	CTV News	Weighting of Data	The results were weighted by age and gender using the latest Census information (2021) and the sample is geographically stratified to ensure a distribution across all regions of Canada.					
Population and Final Sample Size			See tables for full weighting disclosure					
Source of Sample	Nanos Probability Panel	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					
Type of Sample	Probability		ensure the integrity of the data.					
Margin of Error	± 3.1 percentage points, 19 times out of 20.	Excluded Demographics	Individuals younger than 18 years old; individuals without land or cell lines, and individuals without internet access could not participate.					
Mode of Survey	RDD dual frame (land- and cell-lines) hybrid telephone and online							
Sampling Method Base	omnibus survey The sample included both land- and cell-lines RDD (Random Digit Dialed) across Canada.	Stratification	By age and gender using the latest Census information (2021) 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.					
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.	Estimated Response Rate	13 percent, consistent with industry norms.					
Fieldwork/Validation	Individuals were recruited using live interviews with live supervision to validate work, the research questions were administered online	Question Order	Question order in the preceding report reflects the order in which they appeared in the original questionnaire.					
Number of Calls	Maximum of five call backs to those recruited.	Question Content	Topics on the omnibus ahead of the survey content included: views on political issues, views on economic issues, the Freedom					
Time of Calls	Individuals recruited were called between 12-5:30 pm and 6:30- 9:30pm local time for the respondent.	Question Wording	Convoy and the Holidays. The questions in the preceding report are written exactly as they					
Field Dates	November 27 th to 29 th , 2022.		were asked to individuals.					
Language of Survey	The survey was conducted in both English and French.	Research/Data Collection Supplier	Nanos Research					
Standards	Nanos Research is a member of the Canadian Research Insights Council (CRIC) and confirms that this research fully complies with all CRIC Standards including the CRIC Public Opinion Research Standards and Disclosure Requirements. https://canadianresearchinsightscouncil.ca/standards/	Contact	Contact Nanos Research for more information or with any concerns or questions. <u>http://www.nanos.co</u> Telephone:(613) 234-4666 ext. 237 Email: info@nanosresearch.com.					



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Any questions?



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2022-2268 – CTV/Nanos Survey – November Omni - STAT SHEET - RECESSION

		-	Region						Gender		Age		
			Canada 2022-11	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 34	35 to 54	55 plus
Question - Do you think it is likely, somewhat likely, somewhat not likely or not likely that Canada will have a recession in 2023?	Total	Unwgt N	1025	98	239	325	206	157	529	496	163	395	467
		Wgt N	1000	67	231	388	175	139	490	510	267	322	411
	Likely	%	42.2	46.5	30.9	46.2	45.0	43.8	43.4	41.0	50.2	45.3	34.5
	Somewhat likely	%	44.5	40.5	56.0	42.0	38.9	41.1	44.6	44.3	38.3	45.1	48.0
	Somewhat unlikely	%	6.8	6.7	6.7	6.0	7.4	8.4	6.9	6.6	2.7	6.0	10.0
	Unlikely	%	0.7	0.0	0.3	1.4	0.5	0.0	0.5	0.9	0.0	0.5	1.3
	Unsure	%	5.9	6.3	6.1	4.3	8.2	6.7	4.5	7.2	8.9	3.1	6.1

Nanos conducted an RDD dual frame (land- and cell- lines) hybrid telephone and online random survey of 1,025 Canadians, 18 years of age or older, between November 27th and 29th, 2022. The margin of error for this survey is ±3.1 percentage points, 19 times out of 20.