Improving positive views on real estate driving up consumer confidence

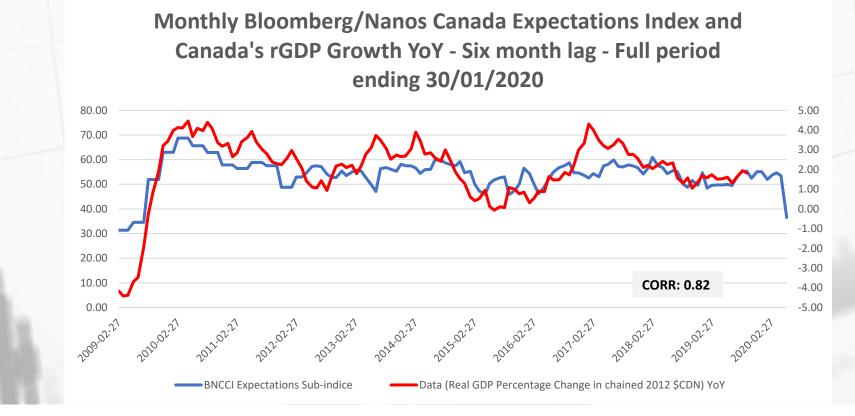
Weekly Bloomberg Nanos Canadian Confidence Index, Released February 24, 2023 Project 2013-284



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Bloomberg-Nanos is a must have weekly pulse of consumer confidence in Canada. For over a decade of tracking, the Bloomberg-Nanos Expectations Sub-indice has been a consistent leading indicator of GDP. The data has been cited in the Bank of Canada Monetary Policy Report.





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SUMMARY

After a period of tepid consumer confidence, forward looking expectations remain net negative but are trending upward in the Bloomberg Nanos Canadian Confidence Index. The movement has been driven by improving views on the future value of real estate.

Nik Nanos Chief Data Scientist The BNCCI, a composite of a weekly measure of financial health and economic expectations, registered at 47.00 compared with 45.77 four weeks ago. The twelve month high stands at 59.88.

The Bloomberg Nanos
Pocketbook Index is
based on survey
responses to questions
on personal finances
and job security. This
sub-indice was at 53.92
this week compared to
54.39 four weeks ago.
The Bloomberg Nanos

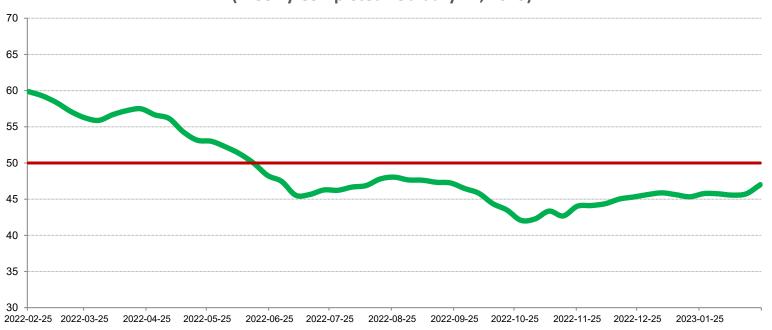
Expectations Index, based on surveys for the outlook for the economy and real estate prices, was at 40.08 this week compared to 37.16 four weeks ago.

The average for the BNCCI since 2008 has been 55.85 with a low of 37.08 in April 2020 and a high of 66.42 in July 2021. The index has averaged 45.83 this year.

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ONE YEAR TREND LINE Bloomberg Nanos Canadian Confidence Index (Weekly Completed February 24, 2023)



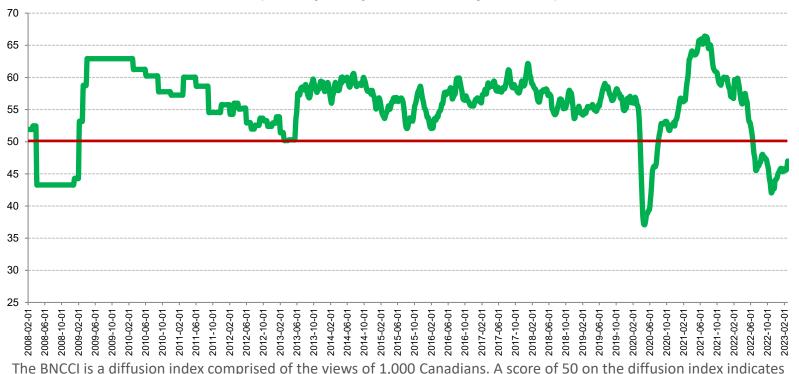
The BNCCI is a diffusion index comprised of the views of 1,000 Canadians. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above or below 50 suggest net positive or net negative views in terms of the economic mood of Canadians. The data is based on perceptions related to personal finances, job security, economic strength, and real estate value.

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LONGER TERM TREND LINE

Bloomberg Nanos Canadian Confidence Index (Weekly Completed February 24, 2023)



The BNCCI is a diffusion index comprised of the views of 1,000 Canadians. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above or below 50 suggest net positive or net negative views in terms of the economic mood of Canadians. The data is based on perceptions related to personal finances, job security, economic strength, and real estate value.

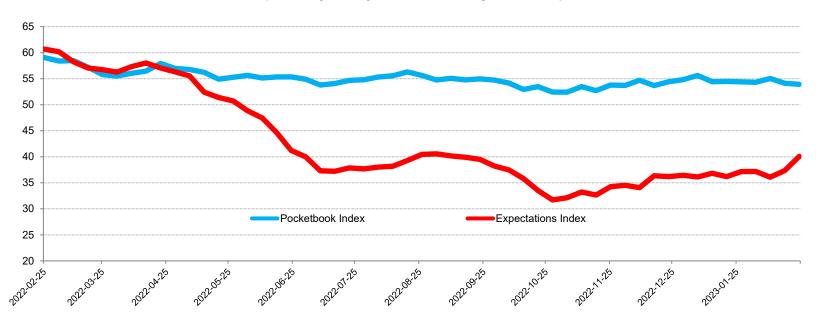




ONE YEAR TREND

Bloomberg Nanos Canadian Pocketbook and Expectations Indices

(Weekly Completed February 24, 2023)

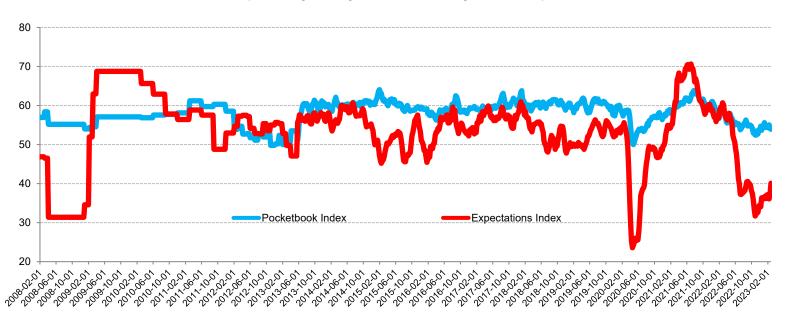


The BNCCI Pocketbook and Expectations Sub-Indices are comprised of the views of 1,000 Canadians. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above or below 50 suggest net positive or net negative views in terms of the economic mood of Canadians. The data for the Pocketbook Index is based on perceptions related to personal finances and job security, and the data for the Expectations Index is based on perceptions related to economic strength and real estate value.

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LONGER TERM TREND Bloomberg Nanos Canadian Pocketbook and Expectations Indices (Weekly Completed February 24, 2023)



The BNCCI Pocketbook and Expectations Sub-Indices are comprised of the views of 1,000 Canadians. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above or below 50 suggest net positive or net negative views in terms of the economic mood of Canadians. The data for the Pocketbook Index is based on perceptions related to personal finances and job security, and the data for the Expectations Index is based on perceptions related to economic strength and real estate value.

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Bloomberg Nanos Canadian Consumer Confidence Index Data Summary for February 24, 2023

	BNCCI	
This week	47.00	
Last week	45.74	
2023 high	47.00	February 24
2023 low	45.33	January 20
2023 average	45.83	
2008 average	49.21	Worst full year
2010 average	59.13	Best full year
April 24, 2020	37.08	Record low
July 2, 2021	66.42	Record high
Overall index average	55.85	

Individual Measures:

				Average	Average
Positive ratings	This week	Last week	4 weeks ago	2023	2008-2023
Personal finances	14.25	12.92	14.48	14.18	18.33
Canadian economy	14.84	14.69	12.84	13.19	21.09
Job security	62.68	61.23	60.30	62.65	66.48
Real estate	25.97	20.85	20.75	21.59	39.64
Full Ratings	Better off	Worse off	No change	Don't know	
Personal finances	14.25	41.43	42.47	1.85	
	Stronger	Weaker	No change	Don't know	
Canadian Economy	14.84	48.12	29.43	7.62	
		Somewhat	Somewhat		
	Secure	secure	not secure	Not secure	Don't know
Job security	45.17	17.51	3.69	6.65	26.97
		0	_		
	Increase	•		Don't know	
Real estate	25.97	37.16	32.38	4.49	

CANADA INDEX Your weekly look at Canada's **Economic Mood**



Bloomberg Nanos Canadian Consumer Confidence Index Data Summary for February 24, 2023

		This Week	Last Week	4 Weeks Ago	3 Months Ago	1 Year Ago	12 Month High	12 Month Low	12 Month Average
Canada									
	Economic Mood	47.00	45.74	45.77	42.68	59.88	59.88	42.07	48.85
	Pocketbook Index	53.92	54.12	54.39	52.71	59.06	59.06	52.41	55.07
	Expectations Index	40.08	37.36	37.16	32.65	60.69	60.69	31.71	42.64
Economic	Mood by Demographic								
Region									
•	Atlantic	49.42	48.87	41.53	41.16	55.50	57.94	35.47	48.40
	Quebec	50.20	48.16	50.93	45.48	60.47	62.17	45.48	52.45
	Ontario	46.35	44.47	43.42	40.86	61.83	61.83	40.86	47.20
	Prairies	44.03	45.31	47.17	41.06	54.81	55.18	36.82	47.13
	British Columbia	45.38	42.82	42.97	44.82	62.99	62.99	41.95	48.84
Age	18 to 29	47.68	43.86	49.64	49.30	59.40	64.37	43.86	53.64
_	30 to 39	48.23	47.86	49.25	41.93	61.52	62.62	41.11	50.85
	40 to 49	47.68	44.80	42.98	40.42	62.69	62.69	40.38	48.62
	50 to 59	46.02	45.44	45.19	41.18	58.61	59.14	39.68	47.08
	60 plus	45.97	46.72	43.16	40.89	58.15	58.15	39.06	45.52
Income									
	\$0 to \$14,999	42.01	44.94	46.20	51.61	54.49	55.33	35.32	47.08
	\$15,000 to \$29,999	45.94	47.77	49.79	40.13	55.57	55.57	40.13	47.79
	\$30,000 to \$44,999	49.75	47.02	44.95	43.56	55.88	57.12	39.02	49.06
	\$45,000 to \$59,999	42.82	44.81	46.51	42.05	59.99	59.99	41.27	48.54
	\$60,000 to \$74,999	45.88	44.61	42.94	39.47	60.20	60.36	38.86	47.63
	\$75,000 or more	49.00	47.01	46.14	43.20	64.23	64.23	41.83	50.47
Home									
	Own	46.19	49.19	43.82	40.54	60.33	60.33	40.54	47.48
	Rent	49.52	49.19	51.27	47.05	59.41	59.41	46.28	51.80







About the Bloomberg Nanos Canadian Confidence Index

The Bloomberg Nanos Canadian Confidence Index (BNCCI) is a weekly measurement of the economic mood of Canadians on the strength of the economy, job security, real estate in their neighbourhood, and their personal financial situation. It is a composite of those variables and has two sub indices: a Bloomberg Nanos Expectations Sub-index on forward views; and, Bloomberg Nanos Pocketbook Index on their personal economic situation. The longitudinal data on the index begins in 2008 and is a significant data source for decision-makers.

For more information, visit www.bloomberg.com/news/canada or www.nanos.co

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	Subscribers	Non-subscribers
Weekly Issue Tracking Canada (2015 to present)	✓	
Weekly Canadian Consumer Confidence Tracking (2008 to present)	\checkmark	
Weekly National Ballot Tracking Canada (2014 to present)	\checkmark	
Weekly Undecided Tracking (new) (2014 to present)	\checkmark	
Weekly Preferred PM Tracking Canada (2014 to present)	\checkmark	√ (topline data only)
Weekly Party Power Index Tracking Canada (2014 to present)	\checkmark	√ (topline data only)
Weekly Consider Voting for Liberal Party of Canada (new) (2014 to present)	\checkmark	
Weekly Consider Voting for the Conservative Party of Canada (new) (2014 to present)	\checkmark	
Weekly Consider Voting for the NDP of Canada (new) (2014 to present)	\checkmark	
Weekly Consider Voting for the Green Party of Canada (new) (2014 to present)	\checkmark	
Weekly Consider Voting for the Bloc Québécois (new) (2014 to present)	\checkmark	
Weekly Consider Voting for the People's Party of Canada (new) (2014 to present)	\checkmark	
2015 Canadian Nightly Federal Election Tracking (detailed data)	\checkmark	√ (topline data only)
CTV-Globe-Nanos 2019 Canadian Nightly Federal Election Tracking (detailed data)	\checkmark	✓ (topline data only)
Canada-US Relations Annual Tracking (2005 to present)	\checkmark	
The Nanos Annual Public Policy Map (2015 to present)	✓	
The Mood of Canada Annual Tracking Survey (2007 to present)	\checkmark	

METHODOLOGY





O NANOS RESEARCH

METHODOLOGY



The BNCCI is produced by the Nanos Research Corporation, headquartered in Canada, which operates in Canada and the United States. The data is based on random interviews with 1,000 Canadian consumers (recruited by RDD land- and cell-line sample), using a four-week rolling average of 250 respondents each week, 18 years of age and over. The random sample of 1,000 respondents may be weighted using the latest census information for Canada. The interviews are compiled into a four -week rolling average of 1,000 interviews where each week, the oldest group of 250 interviews is dropped and a new group of 250 interviews is added. The views of 1,000 respondents are compiled into a diffusion index from 0 to 100. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above 50 suggest net positive views, while those below 50 suggest net negative views in terms of the economic mood of Canadians.

A random survey of 1,000 respondents in Canada is accurate 3.1 percentage points, plus or minus, 19 times out of 20. This report is based on the four waves of tracking ending February 24, 2023. Due to the Covid-19 outbreak and ESOMAR standards between April 3 and July 24, 2020 Nanos used its probability online panel. Data collection returned to telephone as of the week ending July 31, 2020. The data collection returned to the Nanos probability panel as of the week ending January 1, 2021 due to the lockdown imposed by the provincial health authorities. Data collection returned to telephone between the weeks ending March 19th and April 9th, 2021. As a result of the latest provincial lockdown the tracking returned to Nanos probability online panel between the weeks ending December 306, and June 11, 2021. The tracking returned to telephone as of the week ending June 18, 2021.

The following questions are used for the index calculations:

- Thinking of your personal finances, are you better off, worse off, or has there been no change over the past year? (Overall Confidence Index and Pocketbook Sub-Index)
- Would you describe your job, at this time, as secure, somewhat secure, somewhat not secure, or not at all secure? (Overall Confidence Index and Pocketbook Sub-Index)
- In the next six months, do you think the Canadian economy will become stronger, weaker, or will there be no change? (Overall Confidence Index and Expectations Sub-Index)
- In the next six months, do you believe that the value of real estate in your neighbourhood will increase, stay the same or decrease? (Overall Confidence Index and Expectations Sub-Index)

ABOUT THE PARTNERS



Bloomberg

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Nanos is one of North America's most trusted research and strategy organizations. Our team of professionals is regularly called upon by senior executives to deliver superior intelligence and market advantage whether it be helping to chart a path forward, managing a reputation or brand risk or understanding the trends that drive success. Services range from traditional telephone surveys, through to elite in-depth interviews, online research and focus groups. Nanos clients range from Fortune 500 companies through to leading advocacy groups interested in understanding and shaping the public landscape. Whether it is understanding your brand or reputation, customer needs and satisfaction, engaging employees or testing new ads or products, Nanos provides insight you can trust.

TECHNICAL NOTE



Element	Description	Element	Description				
Research sponsor	Nanos Research		The results were weighted by age and gender using the latest Census information (2016) and the sample is geographically				
Population and Final Sample Size	1,000 Randomly selected individuals, four week rolling average of 250 interviews a week.	Weighting of Data	stratified to ensure a distribution across all regions of Canada. See tables for full weighting disclosure.				
Margin of Error	±3.1 percentage points, 19 times out of 20.	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				
Mode of Survey	Recruited by RDD dual frame (land- and cell-lines) telephone survey.		ensure the integrity of the data.				
	The sample included both land- and cell-lines RDD	Excluded Demographics	Individuals younger than 18 years old; individuals without land or cell line or internet could not participate.				
Sampling Method Base	(Random Digit Dialed) across Canada.	Stratification	By age and gender using the latest Census information (2016) and the sample is geographically stratified to be representative of				
Demographics (Captured)	Atlantic Canada, Quebec, Ontario, Prairies, British Columbia; Men and Women; 18 years and older.	Stratification	Canada. Smaller areas such as Atlantic Canada were marginally oversampled to allow for a minimum regional sample.				
	Six-digit postal code was used to validate geography.	Estimated Response Rate	Six percent, consistent with industry norms.				
Demographics (Other)	Age, gender, education, income	·	Question order in the preceding report reflects the order in				
Fieldwork/Validation	Live interviews with live supervision to validate work.	Question Order	which they appeared in the original questionnaire (party option were randomized in their introduction)				
Number of Calls	Maximum of five call backs.	Overting Content	This was module two of an omnibus survey. Respondents were asked for their opinions the state of their personal finances, the				
Time of Calls	Local time 5:00-9:00 pm, on weekends 12:00- 6:00 pm	Question Content	Canadian economy, their perception of their job security and sixmonth views of real estate in their neighbourhood.				
Field Dates	Four-week period February 24, 2023	Question Wording	The questions in the appended tabulations are written exactly as they 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. http://www.nanos.co Telephone:(613) 234-4666 ext. 237 Email: info@nanosresearch.com.				

Bloomberg – Tracking ending February 24th, 2023 – STAT SHEET

					Reg	gion			Ge	nder			Age		
			Canada			-					18	30	40	50	
			2023-02-					British			to	to	to	to	60
			24	Atlantic	Quebec	Ontario	Prairies	Columbia	Male	Female	29	39	49	59	plus
Question –	Total	Unwgt	1142	105	262	348	251	176	612	530	130	148	174	260	430
Thinking of your personal finances,		N Wat N	1000	100	240	300	200	152	485	515	197	162	107	189	265
are you better off,		Wgt N		100	248	300	200	152	465	313	197	163	187	169	205
worse off or has	Better off	%	14.2												
there been no change over the	Worse off	%	41.4												
past year?	There has been no change	%	42.5		Subs	cribers only	- visit the	Nanos Data P	ortal at I	nttps://ww	w.nanos	s.co/data	portal/		
	Unsure	%	1.9												
					Reg	gion			Ge	nder			Age		
			Canada								18	30	40	50	
			2023-02- 24	Atlantic	Ouchos	Ontario	Drairies	British	Malo	Fomalo	to 29	to 39	to 49	to 59	60 plus
Question –	Total	Unwgt	1142	Atlantic 105	Quebec 262	Ontario 348	Prairies 251	Columbia 176	Male 612	Female 530	130	148	174	260	plus 430
Thinking of the	rotui	N	11-72	103	202	340	231	170	012	330	150	140	1, 4	200	430
upcoming year do		Wgt N	1000	100	248	300	200	152	485	515	197	163	187	189	265
you think the Canadian	Stronger	%	14.8												
economy will	Weaker	%	48.1												
become stronger, weaker or will	There will be no change	%	29.4		Subs	cribers only	- visit the	Nanos Data P	ortal at I	nttps://ww	w.nanos	.co/data	portal/		
there be no change?	Don't' know	%	7.6												
					Por	gion			G	nder			Age		
			Canada		1102	51011				illaci	18	30	40	50	
			2023-02-					British			to	to	to	to	60
			24	Atlantic	Quebec	Ontario	Prairies	Columbia	Male	Female	29	39		59	
Question – Would you describe your	Total									remaie		33	49	59	plus
	Total	Unwgt	1142	105	262	348	251	176	612	530	130	148	49 174	260	plus 430
	Total	N								530	130	148	174	260	430
job, at this time, as secure,		N Wgt N	1000	105 100	262 248	348 300	251 200	176 152	612 485						
job, at this time, as secure, somewhat secure,	Secure	N Wgt N %	1000 45.2							530	130	148	174	260	430
job, at this time, as secure, somewhat secure, somewhat not		N Wgt N	1000							530	130	148	174	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at	Secure	N Wgt N %	1000 45.2							530	130	148	174	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at all secure?	Secure Somewhat secure Somewhat not	N Wgt N %	1000 45.2 17.5		248	300	200		485	530 515	130 197	148 163	174 187	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at	Secure Somewhat secure Somewhat not secure	N Wgt N % %	1000 45.2 17.5 3.7		248	300	200	152	485	530 515	130 197	148 163	174 187	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at	Secure Somewhat secure Somewhat not secure Not at all secure	N Wgt N % %	1000 45.2 17.5 3.7 6.7		248 Subs	300 scribers only	200	152	485 Portal at I	530 515 nttps://ww	130 197	148 163	174 187	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at	Secure Somewhat secure Somewhat not secure Not at all secure	N Wgt N % %	1000 45.2 17.5 3.7 6.7 27.0		248 Subs	300	200	152	485 Portal at I	530 515	130 197 w.nanos	148 163 s.co/data	174 187 apportal/	260 189	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at	Secure Somewhat secure Somewhat not secure Not at all secure	N Wgt N % %	1000 45.2 17.5 3.7 6.7		248 Subs	300 scribers only	200	152	485 Portal at I	530 515 nttps://ww	130 197	148 163	174 187	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at	Secure Somewhat secure Somewhat not secure Not at all secure	N Wgt N % %	1000 45.2 17.5 3.7 6.7 27.0		248 Subs	300 scribers only	200	152 Nanos Data P	485 Portal at I	530 515 nttps://ww	130 197 w.nanos	148 163 s.co/data	174 187 apportal/ Age 40	260	430
job, at this time, as secure, somewhat secure, somewhat not secure or not at all secure?	Secure Somewhat secure Somewhat not secure Not at all secure	N Wgt N % % % Wgt N Wg N Wg	1000 45.2 17.5 3.7 6.7 27.0	100	248 Subs Reg	300 scribers only	200	152 Nanos Data P British	485 Portal at I	530 515 nttps://ww	130 197 w.nanos	148 163 s.co/data	174 187 Age 40 to	260 189 50 to	430 265
ob, at this time, as secure, somewhat secure, somewhat not secure or not at all secure?	Secure Somewhat secure Somewhat not secure Not at all secure Unsure	N Wgt N % % % Wgt N Wgt N % % % % % % Wgt N % % % % % % % % % % % % % % % % % %	1000 45.2 17.5 3.7 6.7 27.0 Canada 2023-02- 24 1142	Atlantic 105	Subs Reg Quebec 262	300 scribers only gion Ontario 348	200 r - visit the Prairies 251	Nanos Data P British Columbia 176	485 Portal at I	530 515 https://ww ender Female 530	130 197 w.nanos 18 to 29 130	148 163 s.co/data 30 to 39 148	174 187 apportal/ Age 40 to 49 174	260 189 50 to 59 260	430 265 60 plus 430
ob, at this time, as secure, somewhat secure, somewhat not secure or not at all secure? Question — In the next six months, do you believe	Secure Somewhat secure Somewhat not secure Not at all secure Unsure Total	N Wgt N % % % Wgt N Wgt N Wgt N	1000 45.2 17.5 3.7 6.7 27.0 Canada 2023-02- 24 1142	100	248 Subs Reg	300 cribers only gion Ontario	200 ' - visit the Prairies	152 Nanos Data P British Columbia	485 Portal at I Ge Male	530 515 https://ww ender	130 197 w.nanos 18 to 29	148 163 s.co/data 30 to 39	174 187 aportal/ Age 40 to 49	260 189 50 to 59	430 265 60 plus
Question – In the next six months, do you believe that the value of real estate in your	Secure Somewhat secure Somewhat not secure Not at all secure Unsure Total	N Wgt N % % % Wgt N Wgt N Wgt N %	1000 45.2 17.5 3.7 6.7 27.0 Canada 2023-02- 24 1142 1000 26.0	Atlantic 105	Subs Reg Quebec 262	300 scribers only gion Ontario 348	200 r - visit the Prairies 251	Nanos Data P British Columbia 176	485 Portal at I	530 515 https://ww ender Female 530	130 197 w.nanos 18 to 29 130	148 163 s.co/data 30 to 39 148	174 187 apportal/ Age 40 to 49 174	260 189 50 to 59 260	430 265 60 plus 430
Question – In the next six months, do you believe that the value of real estate in your neighborhood will	Secure Somewhat secure Somewhat not secure Not at all secure Unsure Total Increase Stay the same	N Wgt N % % % Wgt N Wgt N % % % % % % % % % % % % % % % % % %	1000 45.2 17.5 3.7 6.7 27.0 Canada 2023-02- 24 1142 1000 26.0 37.2	Atlantic 105	Subs Reg Quebec 262 248	300 scribers only gion Ontario 348 300	200 / - visit the Prairies 251 200	Nanos Data P British Columbia 176 152	485 Fortal at I Ge Male 612 485	530 515 https://ww ender Female 530 515	130 197 w.nanos 18 to 29 130 197	30 to 39 148	174 187 Age 40 to 49 174 187	260 189 50 to 59 260	430 265 60 plus 430
Question – In the next six months, do you believe that the value of real estate in your	Secure Somewhat secure Somewhat not secure Not at all secure Unsure Total	N Wgt N % % % Wgt N Wgt N Wgt N %	1000 45.2 17.5 3.7 6.7 27.0 Canada 2023-02- 24 1142 1000 26.0	Atlantic 105	Subs Reg Quebec 262 248	300 scribers only gion Ontario 348 300	200 / - visit the Prairies 251 200	Nanos Data P British Columbia 176	485 Fortal at I Ge Male 612 485	530 515 https://ww ender Female 530 515	130 197 w.nanos 18 to 29 130 197	30 to 39 148	174 187 Age 40 to 49 174 187	260 189 50 to 59 260	430 265 60 plus 430