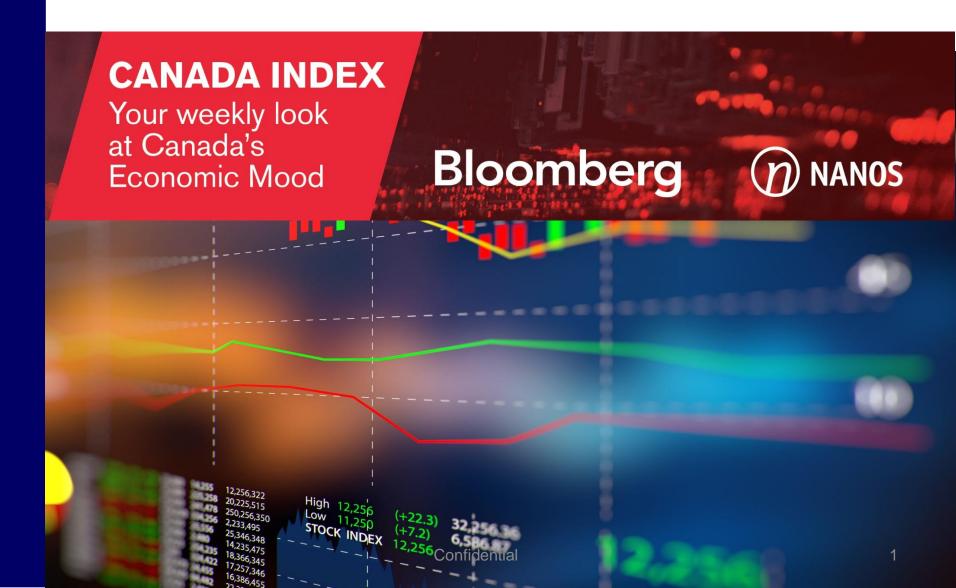
Canadians in West near 12 month low in consumer confidence

submitted by Nanos, February 28, 2020 (Project 2013-284)



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Summary

Canadians living in the Prairie provinces and British Columbia registered near a 12 month low in consumer sentiment according to the Bloomberg Nanos Canadian Confidence Index.

The BNCCI, a composite of a weekly measure of financial health and economic expectations, registered at 55.81 compared with 56.38 four weeks ago. The twelve month high stands at 59.06.

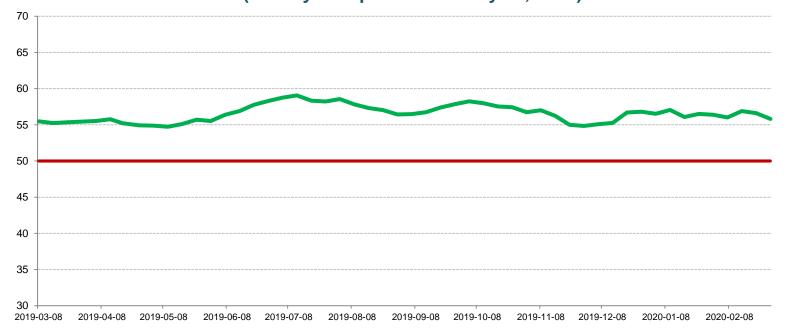
The Bloomberg Nanos Pocketbook Index is based on survey responses to questions on personal finances and job security. This sub-indice was at 58.14 this week compared to 58.10 four weeks ago. The Bloomberg Nanos Expectations Index, based on surveys for the outlook for the economy and real estate prices, was at 53.48 this week compared to 54.66 four weeks ago.

The average for the BNCCI since 2008 has been 56.82 with a low of 43.28 in December 2008 and a high of 62.92 in December 2009. The index has averaged 56.43 this year.

ONE YEAR TREND LINE Bloomberg Nanos Canadian Confidence Index (Weekly Completed February 28, 2020)

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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.

LONGER TERM TREND LINE **Bloomberg Nanos Canadian Confidence Index** (Weekly Completed February 28, 2020) 70 65 60 55 50 45 40 35 2014 2014 1001 2012 2013 2201 30 2010/02/01 2011.02.01 2011.0001 20120201 2012,06,01 291502.01 208.02.01 208.08.01 208,001 209.08.01 201006-01 2010-10-01 2011-10-01 29150601 2015,001 2016 02.01 2010,001 2017.08-01 2018-08-01 2009.02.01 2009-10-01 2016-06-01 2017.02.01 2017-10-01 2018-02-01 2018/10-01 2010-02-01 2019.06-01 2010-10-01 20²⁰ 20¹² 20¹² 20¹⁴ 20¹⁴

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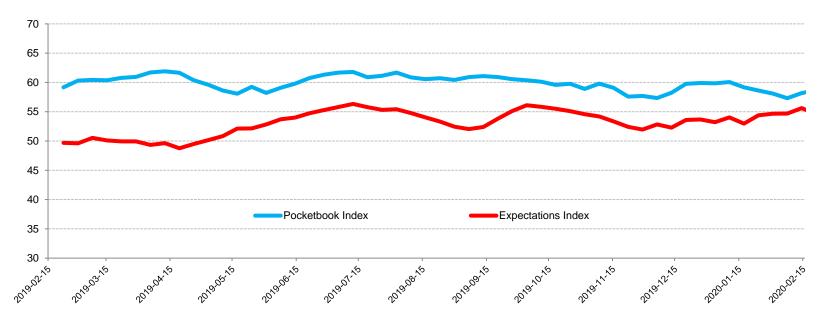
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Bloomberg ONE YEAR TREND

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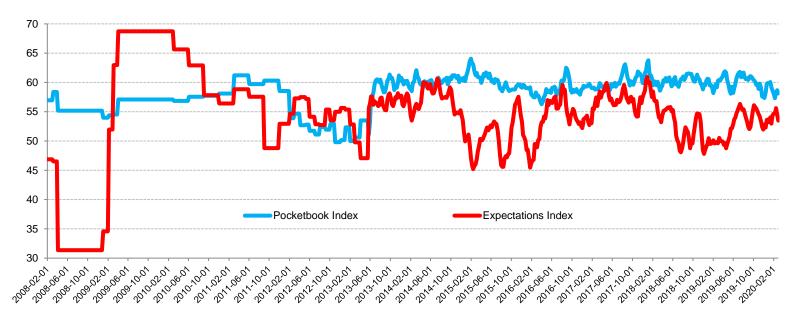
Bloomberg Nanos Canadian Pocketbook and Expectations Indices (Weekly Completed February 28, 2020)



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 5 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 28, 2020)



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Bloomberg Nanos Canadian Consumer Confidence Index Data Summary for February 28, 2020

	DIVCCI	
This week	55.81	
Last week	56.62	
2020 high	57.06	Jan 10
2020 low	55.81	February 28
2020 average	56.43	
2008 average	49.21	Worst full year
2010 average	59.13	Best full year
Dec 31, 2008	43.28	Record low
Dec 31, 2009	62.92	Record high
Overall index average	56.82	

BNCCI

Individual Measures:

Positive ratings	This week	Last week	4 weeks ago	Average 2020	Average 2008-2020
Personal finances	17.65	17.79	17.77	17.81	18.61
Canadian economy	13.47	13.71	15.64	14.30	20.34
Job security	62.66	62.79	60.73	62.95	66.90
Real estate	48.38	47.01	43.63	45.50	38.39
Full Ratings	Better off	Worse off	No change	Don't know	
Personal finances	17.65	26.82	54.07	1.46	
	Stronger	Weaker	No change	Don't know	
Canadian Economy	13.47	35.93	42.81	7.80	
		Somewhat	Somewhat		
	Secure	secure	not secure	Not secure	Don't know
Job security	44.96	17.70	4.65	7.29	25.40
	Increase	Stov the serve	Deerees	Dank know	
	Increase	Stay the same	Decrease	Don't know	

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4 Weeks 3 Months 1 Year 12 Month 12 Month 12 Month This Week Last Week High Ago Ago Ago Low Average Canada **Bloomberg** Nanos 55.81 56.62 56.38 54.84 54.96 Economic Mood 59.06 54.74 56.53 58.68 58.10 57.70 Canadian Consumer Pocketbook Index 58.14 60.32 61.91 57.32 59.87 53.48 54.56 54.66 51.97 49.60 56.34 48.77 53.19 Expectations Index **Confidence** Index Data Summary for **Economic Mood by Demographic** Region February 28, 2020 51.44 54.33 55.22 56.13 51.74 Atlantic 61.87 51.44 55.46 64.16 64.36 62.53 63.63 59.77 Quebec 66.90 59.77 62.98 59.72 59.00 59.41 55.66 57.03 Ontario 60.98 55.17 58.36 43.57 48.09 48.20 Prairies 46.50 43.20 51.66 42.61 48.06 51.56 53.50 54.51 53.34 54.04 British Columbia 58.34 50.53 54.23 56.03 57.77 61.38 57.68 18 to 29 58.60 64.30 56.03 61.35 Aae 59.95 60.25 58.04 54.76 30 to 39 57.44 64.38 54.74 59.97 55.47 56.34 54.48 55.26 40 to 49 53.94 60.74 51.91 55.61 54.34 55.24 54.74 54.26 50 to 59 53.98 57.42 51.26 54.28 54.41 54.72 54.15 52.90 60 plus 52.16 57.43 48.75 53.10 Income \$0 to \$14,999 50.16 48.44 48.20 47.43 45.33 62.20 43.72 53.62 \$15,000 to \$29,999 49.38 50.05 54.03 50.76 50.22 60.07 48.59 53.77 \$30,000 to \$44,999 53.52 54.30 53.86 57.06 56.34 60.12 50.31 55.46 \$45.000 to \$59.999 53.90 56.27 55.09 59.12 56.02 62.55 51.44 56.80 59.83 \$60,000 to \$74,999 58.18 59.28 51.70 59.34 61.68 51.70 58.21 \$75,000 or more 59.21 59.47 58.12 57.81 55.72 61.10 55.11 57.96 Home Own 54.71 55.63 55.41 53.77 54.07 58.17 52.83 55.17 58.73 59.51 59.52 58.92 57.31 62.19 57.19 59.74

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About the Bloomberg Nanos Canadian Confidence Index

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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.nanosresearch.com

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Methodology

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 telephone interviews with 1,000 Canadian consumers (land- and cell-lines), 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 telephone survey of 1,000 consumers 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 28, 2020.

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 Bloomberg

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About Nanos

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
Organization who commissioned the research	Nanos Research	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
Final Sample Size	1,000 Randomly selected individuals, four week rolling average of 250 interviews a week.		Screening ensured potential respondents did not work in
Margin of Error	± 3.1 percentage points, 19 times out of 20.	Screening	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.
Mode of Survey	RDD dual frame (land- and cell-lines) telephone survey	Excluded Demographics	Individuals younger than 18 years old; individuals without land or cell line could not participate.
Sampling Method Base	The sample included both land- and cell-lines RDD (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 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	Estimated Response Rate	Nine percent, consistent with industry norms.
Demographics (Other)	geography. Age, gender, education, income	Question Order	Question order in the preceding report reflects the order in which they appeared in the original questionnaire (party options were randomized in their introduction)
Fieldwork/Validation	Live interviews with live supervision to validate work	Question Content	This was module two of an omnibus survey. Respondents were asked for their opinions the state of their personal finances, the Canadian economy, their perception of their
Number of Calls/	Maximum of five call backs.		job security and 6 month views of real estate in their neighbourhood.
Time of Calls	Local time 5:00-9:00 pm, on weekends 12:00- 6:00 pm	Question Wording	The questions in the appended tabulations are written exactly as they were asked to individuals.
Field Dates	Four week period February 28, 2020	Survey Company	Nanos Research
Language of Survey	The survey was conducted in both English and French.	Contact	Contact Nanos Research for more information or with any concerns or questions. <u>http://www.nanosresearch.com</u> Telephone:(613) 234-4666 ext. 237 – Toll Free: (888)
Standards	This report meets the standards set forth by ESOMAR and AAPOR.		737-5505 ext. 223. Email: info@nanosresearch.com.



Bloomberg – Tracking, ending February 28th, 2020 - STAT SHEET

						Age									
			Canada 2020-02- 28	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 29	30 to 39	40 to 49	50 to 59	60 plus
Question 1 - Thinking of your personal finances, are you better off, worse off or has there been no	Total	Unwgt N	1040	102	253	315	207	163	526	514	147	133	169	210	381
		Wgt N	1000	100	248	300	200	152	485	515	197	163	187	189	265
	Better off	%	17.6												
change over the past year	Worse off	%	26.8												
	There has been no change	%	54.1					Subsc	ribers Or	ıly					
	Unsure	%	1.5												

				Region						Gender					
			Canada 2020-02- 28	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 29	30 to 39	40 to 49	50 to 59	60 plus
Question 2 - Thinking of the upcoming year do you think the	Total	Unwgt N Wgt N	1040 1000	102 100	253 248	315 300	207 200	163 152	526 485	514 515	147 197	133 163	169 187	210 189	381 265
Canadian economy will	Stronger	%	13.5												
become stronger, weaker or will	Weaker	%	35.9												
there be no change	There will be no change	%	42.8					Subsc	ribers Or	ıly					
	Dont' know	%	7.8												

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 1,040 Canadians, 18 years of age or older. Four week rolling average (250 per week) ending February 28th, 2020. The margin of error this survey is ±3.1 percentage points, 19 times out of 20.



Bloomberg – Tracking, ending February 28th, 2020 - STAT SHEET

				Region Gender											
			Canada 2020-02- 28	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 29	30 to 39	40 to 49	50 to 59	60 plus
Question 3 - Would you	Total	Unwgt N	1040	102	253	315	207	163	526	514	147	133	169	210	381
describe your job, at this time, as		Wgt N	1000	100	248	300	200	152	485	515	197	163	187	189	265
secure, somewhat secure, somewhat	Secure	%	45.0												
not secure or not at all secure?	Somewhat secure	%	17.7												
	Somewhat not secure	%	4.6					Subsc	ribers Or	ıly					
	Not at all secure	%	7.3												
	Unsure	%	25.4												

					Re	gion			Age						
			Canada 2020-02- 28	Atlantic	Quebec	Ontario	Prairies	British Columbia	Male	Female	18 to 29	30 to 39	40 to 49	50 to 59	60 plus
Question 4 - In the next six	Total	Unwgt N	1040	102	253	315	207	163	526	514	147	133	169	210	381
months, do you believe that the		Wgt N	1000	100	248	300	200	152	485	515	197	163	187	189	265
value of real estate in your	Increase	%	48.4												
neighborhood will increase, stay the	Stay the same	%	36.4												
same or decrease?	Decrease	%	12.0					Subsc	ribers Or	ly					
	Unsure	%	3.3												

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 1,040 Canadians, 18 years of age or older. Four week rolling average (250 per week) ending February 28th, 2020. The margin of error this survey is ±3.1 percentage points, 19 times out of 20.