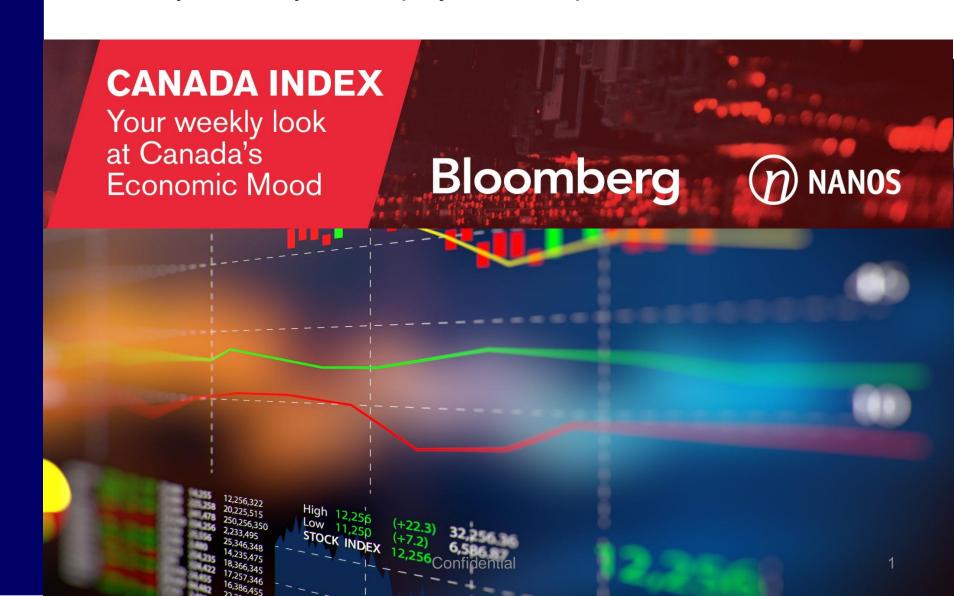
Bloomberg Nanos Canadian Confidence Index (BNCCI)

submitted by Nanos, July 27, 2018 (Project 2013-284)



Your weekly look at Canada's Economic Mood

Bloomberg



Run in declining consumer confidence in Canada abates for second week in succession – Prairie provinces still hit 12 month low (July 27, 2018)

After a series of declines in consumer confidence following controversial comments by Canadian Prime Minister Justin Trudeau and US President Donald Trump, the setbacks in confidence has levelled off for a second week in succession.

The BNCCI, a composite of a weekly measure of financial health and economic expectations, registered at 54.73 compared with 54.87 four weeks ago. The twelve month high stands at 62.17.

The Bloomberg Nanos Pocketbook Index is based on survey responses to questions on personal finances and job security. This sub-indice was at 60.70 this week compared to 59.67 four weeks ago. The Bloomberg

Nanos Expectations Index, based on surveys for the outlook for the economy and real estate prices, was at 48.77 this week (compared to 50.08 four weeks ago).

The average for the BNCCI since 2008 has been 57.01 with a low of 43.28 in December 2008 and a high of 62.92 in December 2009. The index has averaged 57.40 this year.

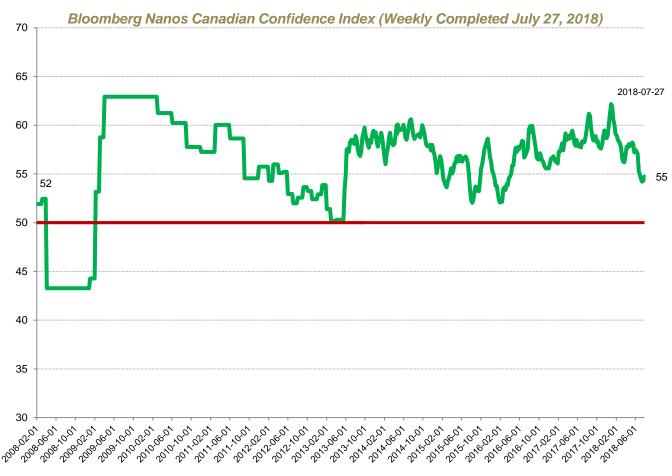
"Even with the abatement of the decline in consumer confidence on a national basis, consumer confidence in the energy rich Canadian Prairie provinces hit a new 12 month low," said Nanos Research, Chief Data Scientist, Nik Nanos

Your weekly look at Canada's Economic Mood

Bloomberg



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.



Your weekly look at Canada's Economic Mood

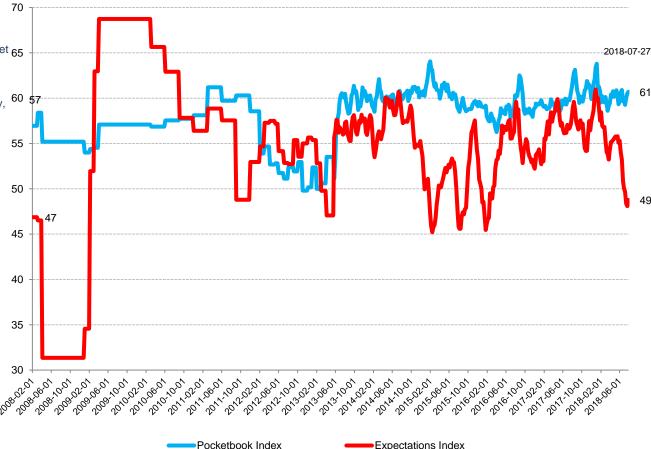
Bloomberg



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.

55





Your weekly look at Canada's Economic Mood

Bloomberg



Bloomberg Nanos Canadian Consumer Confidence Index Data Summary for July 27, 2018

	DITOU	
This week	54.73	
Last week	54.31	
2018 high	61.91	Jan 5
2018 low	54.21	July 13
2018 average	57.40	
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	57.01	

BNCCI

Individual Measures:

Positive ratings	This week	Last week	4 weeks ago	Average 2018	Average 2008-2018
Personal finances	18.39	19.33	18.05	19.10	18.42
Canadian economy	14.52	12.81	13.36	20.10	21.68
Job security	70.50	68.65	66.23	67.17	66.86
Real estate	39.52	40.30	40.17	40.83	37.79
Full Ratings	Better off	Worse off	No change	Don't know	
Personal finances	18.39	26.82	54.25	0.55	
Canadian Economy	Stronger 14.52	Weaker 45.63	No change 31.62	Don't know 8.22	
Job security	Secure 53.44	Somewhat secure 17.06	Somewhat not secure 4.27	Not secure 6.22	Don't know 19.01
Real estate	Increase 39.52	Stay the same 44.08	Decrease 13.34	Don't know 3.06	

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

Bloomberg



Bloomberg Nanos Canadian Consumer Confidence Index Data Summary for July 27, 2018

		This Week	Last Week	4 Weeks Ago	3 Months Ago	1 Year Ago (July)	12 Month High	12 Month Low	12 Month Average
Canada									
	Economic Mood	54.73	54.31	54.87	57.87	59.52	62.17	54.21	58.20
	Pocketbook Index	60.70	60.54	59.67	60.16	61.15	63.79	58.60	60.60
	Expectations Index	48.77	48.08	50.08	55.58	57.88	60.95	48.08	55.79
Economi	c Mood by Demographic								
Region									
•	Atlantic	53.75	52.05	51.75	54.44	57.00	62.17	50.93	55.82
	Quebec	60.29	59.79	58.20	63.13	61.26	65.52	58.05	61.51
	Ontario	55.89	55.15	55.26	56.17	61.55	61.86	54.94	57.95
	Prairies	45.93	46.55	50.94	53.06	50.97	59.01	45.93	52.79
	British Columbia	55.60	55.40	55.91	61.19	65.57	66.84	55.40	61.95
Age	18 to 29	58.16	57.62	61.77	62.44	59.96	68.92	57.62	62.72
	30 to 39	57.75	56.41	55.34	61.59	62.44	62.80	55.34	59.68
	40 to 49	52.91	53.22	54.02	56.80	61.12	61.12	52.91	57.54
	50 to 59	52.73	52.59	53.64	55.53	56.03	60.29	52.59	56.18
	60 plus	53.06	52.56	50.96	54.61	58.76	60.69	50.72	55.91
Income									
	\$0 to \$14,999	51.28	47.17	47.27	55.66	55.90	60.24	47.17	53.06
	\$15,000 to \$29,999	58.76	56.79	53.52	55.16	57.82	59.25	48.12	54.83
	\$30,000 to \$44,999	54.83	54.98	54.53	56.34	61.19	65.53	52.97	57.29
	\$45,000 to \$59,999	52.43	51.95	56.05	56.48	60.02	65.36	51.05	58.01
	\$60,000 to \$74,999	53.67	55.04	56.99	57.94	59.53	64.88	53.01	58.76
	\$75,000 or more	55.70	55.63	55.56	60.82	61.44	64.32	55.23	60.45
Home									
	Own	53.01	53.04	54.12	56.73	59.30	61.49	53.01	57.59
	Rent	59.20	58.17	56.70	60.59	62.17	64.37	56.10	59.51
									6

Your weekly look at Canada's Economic Mood

Bloomberg



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 <u>www.bloomberg.com/news/canada</u> or <u>www.nanosresearch.com</u>

For interviews contact: Nik Nanos FMRIA

Chairman, Nanos Research Group Ottawa (613) 234-4666 ext. 237 Washington DC (202) 697-9924 nnanos@nanosresearch.com



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 July 27, 2018.

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

Bloomberg, the global business and financial information and news leader, gives influential decision makers a critical edge by connecting them to a dynamic network of information, people and ideas. The company's strength – delivering data, news and analytics through innovative technology, quickly and accurately – is at the core of the Bloomberg Professional service, which provides real time financial information to more than 310,000 subscribers globally. Bloomberg's enterprise solutions build on the company's core strength, leveraging technology to allow customers to access, integrate, distribute and manage data and information across organizations more efficiently and effectively. Through Bloomberg Law, Bloomberg Government, Bloomberg New Energy Finance and Bloomberg BNA, the company provides data, news and analytics to decision makers in industries beyond finance. And Bloomberg News, delivered through the Bloomberg Professional service, television, radio, mobile, the Internet and two magazines, Bloomberg Businessweek and Bloomberg Markets, covers the world with more than 2,300 news and multimedia professionals at 146 bureaus in 72 countries. Headquartered in New York, Bloomberg employs more than 15,000 people in 192 locations around the world.

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 (2014) 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 (2011) 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 as per the MRIA Code of Conduct	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 July 27, 2018	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. http://www.nanosresearch.com Telephone:(613) 234-4666 ext. 237 – Toll Free: (888)		
Standards	This report meets the standards set forth by the MRIA which can be found here: https://mria-arim.ca/polling		737-5505 ext. 223. Email: info@nanosresearch.com.		