Positive views on the future strength of the economy remain near pandemic low

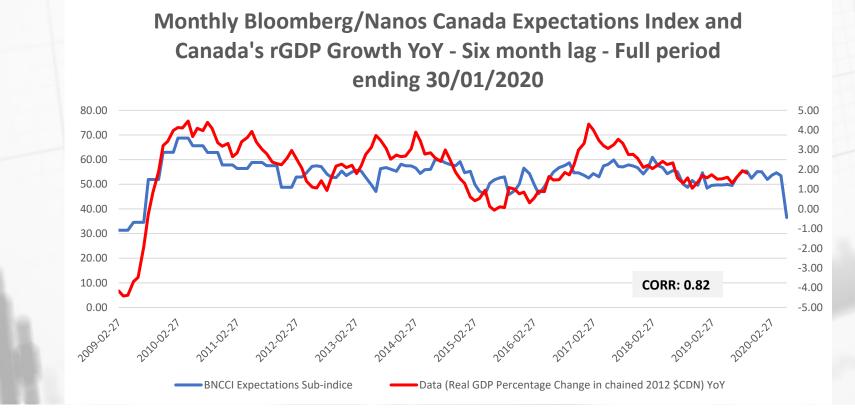
Weekly Bloomberg Nanos Canadian Confidence Index, Released November 25, 2022 Project 2013-284



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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

Consumer confidence remains net negative in the Bloomberg Nanos Canadian Confidence Index with a score of less than 50 on the 100-point scale. Of note, the forward positive view on the future strength of the Canadian economy in the next six months remains at low levels equivalent to the worst period in the pandemic.

Nik Nanos Chief Data Scientist The BNCCI, a composite of a weekly measure of financial health and economic expectations, registered at 44.02 compared with 42.07 four weeks ago. The twelve month high stands at 59.98.

The Bloomberg Nanos
Pocketbook Index is
based on survey
responses to questions
on personal finances
and job security. This
sub-indice was at 53.79
this week compared to
52.43 four weeks ago.
The Bloomberg Nanos

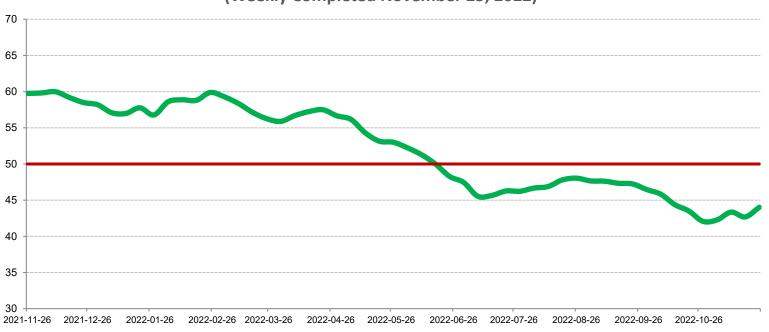
Expectations Index, based on surveys for the outlook for the economy and real estate prices, was at 34.24 this week compared to 31.71 four weeks ago.

The average for the BNCCI since 2008 has been 56.11 with a low of 37.08 in April 2020 and a high of 66.42 in July 2021. The index has averaged 51.13 this year.

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ONE YEAR TREND LINE Bloomberg Nanos Canadian Confidence Index (Weekly Completed November 25, 2022)



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 November 25, 2022)



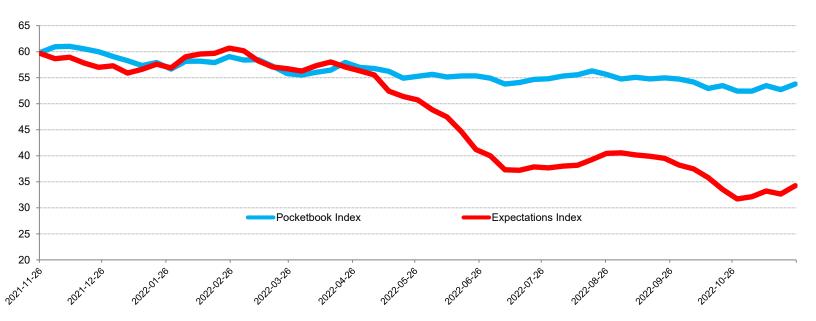
The BNCCI is a diffusion index comprised of the views of 1,000 Canadians. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above or below 50 suggest net positive or net negative views in terms of the economic mood of Canadians. The data is based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

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ONE YEAR TREND

Bloomberg Nanos Canadian Pocketbook and Expectations Indices
(Weekly Completed November 25, 2022)

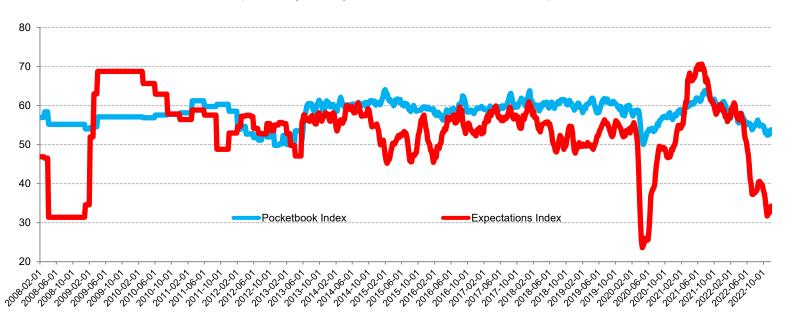


The BNCCI Pocketbook and Expectations Sub-Indices are comprised of the views of 1,000 Canadians. A score of 50 on the diffusion index indicates that positive and negative views are a wash while scores above or below 50 suggest net positive or net negative views in terms of the economic mood of Canadians. 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 November 25, 2022)



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 November 25, 2022

| | BNCCI | |
|-----------------------|-------|-----------------|
| This week | 44.02 | |
| Last week | 42.68 | |
| 2022 high | 59.88 | Feb 25 |
| 2022 low | 42.07 | July 8 |
| 2022 average | 51.13 | |
| 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 | 56.11 | |

Individual Measures:

| D 14141 | Th. ! ! . | 14 1- | 4 | Average | Average |
|-------------------|------------|---------------|-------------|------------|------------|
| Positive ratings | This week | Last week | 4 weeks ago | 2022 | 2008-2022 |
| Personal finances | 15.69 | 13.50 | 13.36 | 16.42 | 18.42 |
| Canadian economy | 9.52 | 9.89 | 13.36 | 17.26 | 21.30 |
| Job security | 63.92 | 63.84 | 62.28 | 65.44 | 66.54 |
| Real estate | 22.76 | 21.46 | 21.11 | 43.32 | 40.08 |
| Full Ratings | Better off | Worse off | No change | Don't know | |
| Personal finances | 15.69 | 44.96 | 37.41 | 1.95 | |
| | Stronger | Weaker | No change | Don't know | |
| Canadian Economy | 9.52 | 58.59 | 24.42 | 7.48 | |
| | | Somewhat | Somewhat | | |
| | Secure | secure | not secure | Not secure | Don't know |
| Job security | 48.55 | 15.37 | 4.79 | 7.39 | 23.91 |
| | Inorosos | Stay the same | Doorooo | Don't know | |
| | Increase | Stay the same | | | |
| Real estate | 22.76 | 35.29 | 36.72 | 5.23 | |

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



Bloomberg Nanos Canadian Consumer Confidence Index Data Summary for November 25, 2022

| | | This Week | Last Week | 4 Weeks Ago | 3 Months Ago | 1 Year Ago | 12 Month High | 12 Month Low | 12 Month Average |
|----------|----------------------|-----------|-----------|----------------|-----------------|---------------|------------------|-----------------|---------------------|
| Canada | | | | Ū | J | ŭ | ŭ | | J |
| | Economic Mood | 44.02 | 42.68 | 42.07 | 47.79 | 59.75 | 59.98 | 42.07 | 52.05 |
| | Pocketbook Index | 53.79 | 52.71 | 52.43 | 56.30 | 59.86 | 61.02 | 52.41 | 56.17 |
| | Expectations Index | 34.24 | 32.65 | 31.71 | 39.28 | 59.65 | 60.69 | 31.71 | 47.92 |
| Economic | Mood by Demographic | | | | | | | | |
| Region | | | | | | | | | |
| • | Atlantic | 43.17 | 41.16 | 35.47 | 50.83 | 60.64 | 60.64 | 35.47 | 51.44 |
| | Quebec | 47.02 | 45.48 | 47.88 | 52.51 | 62.98 | 62.98 | 45.48 | 55.41 |
| | Ontario | 41.44 | 40.86 | 42.00 | 45.32 | 61.55 | 62.69 | 40.86 | 51.18 |
| | Prairies | 44.28 | 41.06 | 37.00 | 47.67 | 51.88 | 55.18 | 36.82 | 48.92 |
| | British Columbia | 44.41 | 44.82 | 43.73 | 44.90 | 60.73 | 63.29 | 42.87 | 52.85 |
| Age | 18 to 29 | 50.05 | 49.30 | 45.86 | 53.26 | 62.29 | 64.37 | 45.86 | 56.14 |
| | 30 to 39 | 46.19 | 41.93 | 41.68 | 51.31 | 61.80 | 63.03 | 41.11 | 53.96 |
| | 40 to 49 | 42.30 | 40.42 | 42.69 | 46.50 | 58.10 | 62.69 | 40.38 | 52.19 |
| | 50 to 59 | 41.68 | 41.18 | 42.07 | 46.24 | 61.18 | 61.95 | 39.68 | 50.40 |
| | 60 plus | 41.09 | 40.89 | 39.06 | 43.59 | 56.77 | 60.92 | 39.06 | 48.91 |
| Income | | | | | | | | | |
| | \$0 to \$14,999 | 49.02 | 51.61 | 50.53 | 41.70 | 51.11 | 57.75 | 39.19 | 48.38 |
| | \$15,000 to \$29,999 | 44.76 | 40.13 | 42.92 | 48.77 | 53.98 | 56.16 | 40.13 | 49.41 |
| | \$30,000 to \$44,999 | 47.14 | 43.56 | 39.02 | 48.35 | 56.83 | 57.29 | 39.02 | 51.30 |
| | \$45,000 to \$59,999 | 44.74 | 42.05 | 44.14 | 49.27 | 59.82 | 62.74 | 41.27 | 51.90 |
| | \$60,000 to \$74,999 | 40.12 | 39.47 | 40.31 | 48.23 | 59.39 | 62.96 | 38.86 | 51.53 |
| | \$75,000 or more | 43.54 | 43.20 | 43.12 | 48.16 | 66.03 | 66.58 | 41.83 | 54.64 |
| Home | | | | | | | | | |
| | Own | 41.18 | 47.05 | 40.64 | 45.84 | 60.48 | 60.72 | 40.54 | 51.05 |
| | Rent | 49.60 | 47.05 | 46.28 | 51.01 | 58.34 | 60.44 | 46.28 | 54.17 |







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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NANOS DATA PORTALS



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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 November 25, 2022. 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 November 256, 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

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 News is 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.



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 options 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 November 25, 2022 | 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 November 25th, 2022 – STAT SHEET

| | | | | | Reg | gion | | | Ge | ender | | | Age | | |
|---|--------------------------|------------|--------------------------|----------|--------|--------------|---------------|---------------------|------------|------------|----------------|----------------|----------------|----------------|------------|
| | | | Canada 2022-11- 25 | Atlantic | Quebec | Ontario | Prairies | British Columbia | Male | Female | 18 to 29 | 30 to 39 | 40 to 49 | 50 to 59 | 60 plus |
| Question – Thinking of your | Total | Unwgt N | 1072 | 115 | 251 | 341 | 211 | 154 | 567 | 505 | 202 | 160 | 182 | 182 | 346 |
| personal finances, are you better off, | | Wgt N | 1000 | 100 | 248 | 300 | 200 | 152 | 485 | 515 | 197 | 163 | 187 | 189 | 265 |
| worse off or has | Better off | % | 15.7 | | | | | | | | | | | | |
| there been no change over the | Worse off | % | 45.0 | | | | | | | | | | | | |
| past year | There has been no change | % | 37.4 | | Subs | cribers only | / - visit the | Nanos Data F | ortal at l | nttps://ww | w.nanos | .co/data | portal/ | | |
| | Unsure | % | 1.9 | | | | | | | | | | | | |

| | | | | | Reg | gion | | | Ge | ender | | Age | | | |
|--------------------------------|----------------------------|------------|--------------------------|----------|--------|--------------|---------------|---------------------|-----------|------------|----------------|----------------|----------------|----------------|------------|
| | | | Canada 2022-11- 25 | Atlantic | Quebec | Ontario | Prairies | British Columbia | Male | Female | 18 to 29 | 30 to 39 | 40 to 49 | 50 to 59 | 60 plus |
| Question – Thinking of the | Total | Unwgt N | 1072 | 115 | 251 | 341 | 211 | 154 | 567 | 505 | 202 | 160 | 182 | 182 | 346 |
| upcoming year do you think the | | Wgt N | 1000 | 100 | 248 | 300 | 200 | 152 | 485 | 515 | 197 | 163 | 187 | 189 | 265 |
| Canadian | Stronger | % | 9.5 | | | | | | | | | | | | |
| economy will become stronger, | Weaker | % | 58.6 | | | | | | | | | | | | |
| weaker or will there be no | There will be no change | % | 24.4 | | Subs | cribers only | / - visit the | Nanos Data F | Portal at | https://ww | w.nanos | .co/data | portal/ | | |
| change? | Don't' know | % | 7.5 | | | | | | | | | | | | |

| | | | | | Reg | gion | | | Ge | ender | | Age | | | |
|---------------------------------------|------------------------|------------|--------------------------|----------|--------|--------------|---------------|---------------------|------------|------------|----------------|----------------|----------------|----------------|------------|
| | | | Canada 2022-11- 25 | Atlantic | Quebec | Ontario | Prairies | British Columbia | Male | Female | 18 to 29 | 30 to 39 | 40 to 49 | 50 to 59 | 60 plus |
| Question – Would you describe your | Total | Unwgt N | 1072 | 115 | 251 | 341 | 211 | 154 | 567 | 505 | 202 | 160 | 182 | 182 | 346 |
| job, at this time, as secure, | | Wgt N | 1000 | 100 | 248 | 300 | 200 | 152 | 485 | 515 | 197 | 163 | 187 | 189 | 265 |
| somewhat secure, | Secure | % | 48.5 | | | | | | | | | | | | |
| somewhat not secure or not at | Somewhat secure | % | 15.4 | | | | | | | | | | | | |
| all secure? | Somewhat not secure | % | 4.8 | | | | | | | | | | | | |
| | Not at all secure | % | 7.4 | | Subs | cribers only | y - visit the | Nanos Data P | ortal at l | https://ww | w.nanos | .co/data | portal/ | | |
| | Unsure | % | 23.9 | | | | | | | | | | | | |

Bloomberg – Tracking ending November 25th, 2022 – STAT SHEET

| | | | | | Reg | gion | | | Ge | ender | | Age | | | |
|--|---------------|---------------------|--------------------------|------------|------------|--------------|---------------|---------------------|------------|------------|----------------|----------------|----------------|----------------|------------|
| | | | Canada 2022-11- 25 | Atlantic | Quebec | Ontario | Prairies | British Columbia | Male | Female | 18 to 29 | 30 to 39 | 40 to 49 | 50 to 59 | 60 plus |
| Question – In the next six months, do you believe that the value of | Total | Unwgt N Wgt N | 1072 1000 | 115 100 | 251 248 | 341 300 | 211 | 154 152 | 567 485 | 505 515 | 202 197 | 160 163 | 182 187 | 182 189 | 346 265 |
| real estate in your | Increase | % | 22.8 | | | | | | | | | | | | |
| neighborhood will increase, stay the | Stay the same | % | 35.3 | | | | | | | | | | | | |
| same or | Decrease | % | 36.7 | | Subs | cribers only | / - visit the | Nanos Data F | ortal at | nttps://ww | w.nanos | .co/data | portal/ | | |
| decrease? | Unsure | % | 5.2 | | | | | | | | | | | | |