A blue surgical mask and a hand sanitizer bottle are shown on a wooden surface. The mask is in the foreground, and the sanitizer bottle is in the background.

COVID-19 Symptom Study - Ontario

April 15, 2020 - For Immediate Release



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EXECUTIVE SUMMARY

April 15, 2020, Toronto

- One fifth of Ontario households self-report any of seven listed symptoms of COVID-19 (19%).
- The key symptoms of COVID-19: fever, cough and shortness of breath, are characteristic of just less than a tenth of households (8%).
- Incidence of the three key symptoms (a new fever, cough, or shortness of breath - 8%) is higher among the largest households (five or more - 11%) and the least wealthy (less than \$20K - 11%).
- One in fifty households has a member who's been tested for COVID-19 (2%).
- Of these tests, one fifth returned positive (18%). This is less than half of one percent of the population (0.4%).
- More than one third of Ontarians report an underlying condition which might aggravate a COVID-19 infection (37%). Of these, the most common is asthma (24% of those reporting a condition).
- About one fifth report being extremely or very emotionally stressed (20%).
- About one fifth report being somewhat or very pessimistic about the future (22%).
- In order to avoid "social desirability bias", or the impulse to give a socially acceptable answer, researchers often ask how "people in the neighbourhood" behave, as a proxy for respondent behaviour.



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- The wide majority of household members say those in their neighbourhood are observing social distance (86%) and staying at home (91%), and this draws almost universal approval.

DETAILED FINDINGS

ONE-FIFTH OF ONTARIO HOUSEHOLDS HAVE ONE OR MORE SYMPTOMS OF COVID-19

In a new poll conducted jointly by Forum Research and Mainstreet Research among 5045 randomly selected Ontario households on April 11 and 12, one-fifth reported at least one of seven listed symptoms of COVID-19 (19%). The symptoms listed were a new fever (3%), cough (4%), headaches (10%), sore throat (5%), diarrhea (5%), loss of taste or smell (2%), or shortness of breath (3%).

Incidence of any symptom is higher among the largest households (five or more - 24%), in the lowest income bracket (less than \$20K - 22%), areas serviced by the Mississauga Halton LHIN (22%), the Toronto Central LHIN (22%), and the North East LHIN (23%). Two thirds of those households with any symptoms had 3 or more occupants (61%).

Among those households interviewed in a Brampton pre-test ($n = 4243$), just less than one tenth reported one or more of four listed symptoms, all those shown here with the exception of diarrhea, shortness of breath and headaches. In the Fort MacMurray pre-test (Regional Municipality of Wood Buffalo, $n = 3643$), incidence of any symptom of the four was 1-in-7 (14%).

KEY SYMPTOMS (FEVER, COUGH, SHORTNESS OF BREATH) AFFECT ONE IN TEN HOUSEHOLDS

Three of the seven listed symptoms are seen as key indicators; fever, cough, and shortness of breath. Together, incidence of having one or more of these three symptoms in the household is just less than a tenth (8%), and this is especially common to the largest households (five or more - 11%), households in the lowest income bracket (\$20K or less - 11%) and in the area serviced by the South East LHIN (12%).

TWO PERCENT HAVE BEEN TESTED FOR COVID-19...

One in fifty households have had a member tested for COVID-19 (2%). This number matches the reported actual penetration of testing in Ontario as of April 12 (2%). Among those reporting any symptoms, 1-in-20 have been tested (5%), while among those with the three key symptoms, one tenth have a had a test (10%). Of those tested, one seventh (15%) are still awaiting results.

...OF THOSE, ONE FIFTH HAVE TESTED POSITIVE

Among the very small group of households that report having been tested for COVID-19, just less than a fifth report a positive test (18%), and this may be more common in single person households, in those with less formal education and among the lowest income households (caution: small sample sizes). Among the total population, less than one half of one percent have been tested (0.4%). Among those with any symptoms, one third have received a positive result (32%), while among those with the three key symptoms, slightly more have a positive result (39%).

MORE THAN ONE THIRD HAVE A HEALTH CONDITION WHICH MIGHT AGGRAVATE COVID-19

More than one third of Ontarians report an underlying health condition which might aggravate a COVID-19 infection (37%), and this is most likely to be asthma (24% among those reporting a condition) followed by diabetes (18%) a lung condition (17%) or a heart condition (13%). Incidence of having this type of condition is most common in the area serviced by the Central East LHIN (43%), and the North East LHIN (48%).

In Brampton, incidence of a comorbidity is about 3-in-10 (29%), most commonly diabetes (29%), followed by a heart condition (24%), a lung condition (15%) or asthma (10%). In Fort MacMurray, 3-in-10 also have an underlying condition (31%), most commonly a lung condition (24%), followed by asthma (22%), diabetes (20%), or a heart condition (13%). Among those with any symptoms, one half have an underlying condition (48%).

ONE FIFTH REPORT BEING "EXTREMELY/VERY STRESSED" EMOTIONALLY

One fifth of Ontario households say their level of emotional stress is "extremely/very stressed" (20%), and this is especially common in larger households (4 people - 23%, five or more - 24%), in the lowest income group (\$20K or less - 23%) and in the area serviced by the Central East LHIN (27%).

In Brampton, one fifth are also "extremely/very stressed" (18%). In Fort MacMurray, a similar figure applies (23%).

ONE FIFTH REPORT BEING "SOMEWHAT/VERY PESSIMISTIC" ABOUT THE FUTURE

One fifth of Ontarians say they are "somewhat/very pessimistic" about the future (22%), and this is characteristic of larger households (4 people - 25%), those in the very highest income group, notably, (\$100K+ - 28%), and in the areas serviced by the Toronto Central LHIN (26%) and the Hamilton, Niagara, Haldimand, Brant LHIN (25%). In Brampton, this level of pessimism is common to one tenth (12%), whereas in Fort MacMurray it is almost twice as high (21%).

AVOIDING "SOCIAL DESIRABILITY BIAS"

In order to avoid "social desirability bias", or the impulse to give a socially acceptable answer, researchers often ask how "people in the neighbourhood" behave, as a proxy for respondent behaviour.

WIDE MAJORITY OBSERVING SOCIAL DISTANCING AND STAYING HOME

The very wide majority of Ontario households are observing social distancing (86% reported of neighbours) and are staying home (91%). Among the minority not doing so (14%), are those in the lowest income groups (\$20K or less - 18%, \$20K to \$40K - 17%), in the area serviced by the Erie St Clair LHIN (16%), the Central West LHIN (18%), and the North Simcoe Muskoka LHIN (19%). Somewhat disturbingly, those who report any symptoms of COVID-19 are much more likely to say their neighbourhood doesn't practice social distancing (20%) or staying at home (15%).

ALMOST ALL APPROVE OF SOCIAL DISTANCING AND STAYING HOME

Virtually *all* Ontarians approve of social distancing (97%) and staying home (95%). Among those very few who don't approve of social distancing, the largest households are overrepresented (6%), as are respondents in the area serviced by the North East LHIN (6%). Once again, households with potential COVID-19 symptoms are, paradoxically, less likely to approve of social distancing. The same general patterns apply to approval of staying home.

"Just 5% of households reporting new symptoms consistent with COVID-19 have had testing, and almost two thirds of households with someone experiencing new symptoms had three or more occupants. There is considerable room for expansion of COVID-19 testing among community-dwelling people with symptoms in Ontario. Syndromic surveillance through phone polling can supplement existing COVID-19 data sources by providing much needed information on community members who are experiencing possible COVID-19 symptoms but have not yet been tested," said Dr. Lauren Lapointe-Shaw of the findings of this survey. Dr. Lapointe-Shaw is supporting this project by sharing her clinical and research expertise to ensure results are directly relevant to public health administrators and other policymakers.

BACKGROUND

This poll represents an unprecedented collaboration between two of Canada's leading market research and public opinion polling firms, Forum Research and Mainstreet Research. These two firms have come together to demonstrate proof-of-concept of a nationwide symptoms screening poll, conducted by telephone, using Interactive Voice Response (IVR) technology, as an effective method of measuring prevalence and location of people with symptoms of COVID-19 infection, and identifying clusters, or potential "hot spots" before they become too advanced to manage.

"Symptom surveillance will provide a better understanding of the scale and evolution of COVID-19 in Canada. This is because symptoms start 1-2 weeks before test results, and at present many people with symptoms cannot access testing," said Dr Lauren Lapointe-Shaw, when asked about the efficacy of this methodology.

There are key advantages to this methodology:

- Based on a random probability sample
- Projectable to the general population
- Extremely robust sample sizes
- Conducted in real time
- Regular tracking, ongoing reporting, dashboard presentation
- SMS text messaging included in sampling scheme
- Interactive functionality allows targeted messaging
- Eliminates self-selection bias
- Limits social desirability bias
- Cost effective

Our methodology captures an extremely robust probability sample, from which statistically valid projections can be made, while the freshness of the data, which can be gathered nightly and reported on a dashboard the next day, ensures key decisions can be made based on real time data. SMS text messaging is included in the data collection protocol. Other benefits include interactive functionality missing in web-based applications, and the elimination of any self-selection bias

This methodology has already been pilot-tested in two municipalities in Canada, the City of Brampton and the Regional Municipality of Wood Buffalo (Fort MacMurray), on very large samples, on March 30. Results from these two pretests have been cited here where indicated.

PARTICIPANTS IN THE STUDY

With offices across Canada and around the world, 100% Canadian-owned Forum Research is one of the country's leading survey research firms, having been the only poll to correctly call a Liberal majority in 2015. Forum Research is a member of the American Association for Public Opinion Research (AAPOR) and the Canadian Research and Insights Council (CRIC).

Differentiated by its large sample sizes, Mainstreet Research provides accurate snapshots of public opinion, predicting the majority NDP government in Alberta, the 2018 Ontario election and a CAQ majority win in the 2018 Quebec election. Mainstreet Research is a member of the World Association for Public Opinion Research (WAPOR) and the Market Research Intelligence Association (MRIA) and meets international and Canadian publication standards.

Lauren Lapointe-Shaw, MD, PhD, is an Assistant Professor and Clinician Scientist in the Department of Medicine at the University of Toronto, and a Staff General Internal Medicine Physician at the University Health Network. She was previously awarded a CIHR Fellowship Award and CIHR-IHSPR's Rising Star Award for her doctoral thesis in Clinical Epidemiology and Healthcare Research. Her research is broadly focused on measuring the quality of healthcare and the effects of health policy on patient outcomes.

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METHODOLOGY

THIS POLL

Polling across Ontario was conducted jointly by Forum Research and Mainstreet Research, on April 11 and 12, among a randomly selected sample of 5045 Ontario residents. Respondents were interviewed by landline, cell phone and SMS text messaging. The poll was conducted by Interactive Voice Response (Smart IVR) and has a margin of error of plus or minus 1.5%, nineteen out of twenty times asking. Sample is segmented by 14 Local Health Integrated Networks (LHINs) at approximately 300 interviews each. Margin of error on individual LHIN samples is plus or minus 5.7%, nineteen out of twenty times asking.

Where appropriate, data have been weighted to ensure that data matches the actual population profile according to the latest Statistics Canada data. Totals may not add up to 100% due to rounding.

BRAMPTON POLL

The Brampton poll was conducted by Mainstreet Research on March 30, among a randomly selected sample of 4243 residents of the city. Respondents were interviewed by landline and cell phone. Polling was conducted by Interactive Voice Response (Smart IVR) and has a margin of error of plus or minus 1.5%, nineteen out of twenty times asking. Totals may not add up to 100% due to rounding.

FORT MACMURRAY (REGIONAL MUNICIPALITY OF WOOD BUFFALO) POLL

The Fort MacMurray (Regional Municipality of Wood Buffalo) poll was conducted by Mainstreet Research on March 30, among a randomly selected sample of 3643 residents of the regional municipality. Respondents were interviewed by landline and cell phone. Polling was conducted by Interactive Voice Response (Smart IVR) and has a margin of error of plus or minus 1.7%, nineteen out of twenty times asking. Totals may not add up to 100% due to rounding.

Q1. Have you, or has anyone in your household had a fever, that is, a temperature above 38 degrees Celsius or about 100 degrees Fahrenheit, in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	3.2	3.8	2.3	4.3	2.6	6.1	2.7	3.0
No	96.8	96.2	97.7	95.7	97.4	93.9	97.3	97.0

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	3.2	1.8	3.2	5.0	2.4	4.1	1.5	4.0
No	96.8	98.2	96.8	95.0	97.6	95.9	98.5	96.0

Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	3.2	2.5	3.2	3.3	3.3	3.3	2.7	3.0
No	96.8	97.5	96.8	96.7	96.7	96.7	97.3	97.0

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	3.2	4.4	4.8	3.0	2.4	2.2	3.2
No	96.8	95.6	95.2	97.0	97.6	97.8	96.8



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	3.2	3.1	3.4	2.4	3.1	4.0
No	96.8	96.9	96.6	97.6	96.9	96.0

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	3.2	0.0	17.0	41.4	52.8
No	96.8	100.0	83.0	58.6	47.2



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Q2. Are you, or is anyone in your household currently suffering from a new cough in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	4.2	6.6	4.3	4.6	3.4	5.8	3.6	6.5
No	95.8	93.4	95.7	95.4	96.6	94.2	96.4	93.5

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	4.2	1.4	3.1	4.7	4.1	1.8	6.4	2.4
No	95.8	98.6	96.9	95.3	95.9	98.2	93.6	97.6



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	4.2	2.7	4.7	4.3	3.3	3.1	3.6	6.5
No	95.8	97.3	95.3	95.7	96.7	96.9	96.4	93.5

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	4.2	6.3	3.0	4.5	4.0	4.8	3.9
No	95.8	93.7	97.0	95.5	96.0	95.2	96.1



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	4.2	2.7	4.4	3.6	3.8	6.6
No	95.8	97.3	95.6	96.4	96.2	93.4

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	4.2	0.0	22.4	54.7	54.6
No	95.8	100.0	77.6	45.3	45.4



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Q3. Are you, or is anyone in your household currently suffering from new headaches in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	9.8	8.1	9.9	7.3	12.4	9.1	10.2	12.2
No	90.2	91.9	90.1	92.7	87.6	90.9	89.8	87.8

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	9.8	7.1	7.3	9.4	12.9	9.4	13.1	6.8
No	90.2	92.9	92.7	90.6	87.1	90.6	86.9	93.2



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	9.8	6.1	9.3	11.7	9.4	7.6	10.2	12.2
No	90.2	93.9	90.7	88.3	90.6	92.4	89.8	87.8

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	9.8	10.3	9.7	10.0	10.2	9.9	10.3
No	90.2	89.7	90.3	90.0	89.8	90.1	89.7



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	9.8	6.2	9.1	10.8	10.3	12.2
No	90.2	93.8	90.9	89.2	89.7	87.8

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	9.8	0.0	51.7	37.8	62.9
No	90.2	100.0	48.3	62.2	37.1



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Q4. Are you, or is anyone in your household suffering from a new sore throat in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	4.8	6.2	6.0	3.5	5.0	3.6	3.4	5.7
No	95.2	93.8	94.0	96.5	95.0	96.4	96.6	94.3

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	4.8	3.8	3.9	4.0	4.1	7.6	4.0	5.4
No	95.2	96.2	96.1	96.0	95.9	92.4	96.0	94.6



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	4.8	4.2	5.1	4.1	5.8	3.8	3.4	5.7
No	95.2	95.8	94.9	95.9	94.2	96.2	96.6	94.3

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	4.8	6.0	5.0	6.2	3.3	5.8	4.7
No	95.2	94.0	95.0	93.8	96.7	94.2	95.3



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	4.8	3.9	3.8	5.0	6.0	5.4
No	95.2	96.1	96.2	95.0	94.0	94.6

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	4.8	0.0	25.1	26.0	57.4
No	95.2	100.0	74.9	74.0	42.6



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Q5. Are you, or is anyone in your household suffering from a loss of taste or smell in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	1.7	1.6	1.7	1.4	1.0	3.0	3.0	1.8
No	98.3	98.4	98.3	98.6	99.0	97.0	97.0	98.2

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	1.7	1.0	1.6	1.9	2.4	2.3	0.6	0.5
No	98.3	99.0	98.4	98.1	97.6	97.7	99.4	99.5



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	1.7	0.6	1.5	2.2	1.1	1.7	3.0	1.8
No	98.3	99.4	98.5	97.8	98.9	98.3	97.0	98.2

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	1.7	2.1	1.3	1.4	1.6	2.0	2.0
No	98.3	97.9	98.7	98.6	98.4	98.0	98.0



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	1.7	1.4	1.3	1.2	1.7	3.1
No	98.3	98.6	98.7	98.8	98.3	96.9

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	1.7	0.0	8.9	10.5	36.3
No	98.3	100.0	91.1	89.5	63.7



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Q6. Are you, or is anyone in your household suffering from new diarrhea in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	4.8	2.8	6.5	4.0	4.6	5.1	7.4	4.9
No	95.2	97.2	93.5	96.0	95.4	94.9	92.6	95.1

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	4.8	1.9	3.7	4.3	4.8	8.7	6.8	3.6
No	95.2	98.1	96.3	95.7	95.2	91.3	93.2	96.4



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	4.8	3.0	4.7	4.6	6.2	3.3	7.4	4.9
No	95.2	97.0	95.3	95.4	93.8	96.7	92.6	95.1

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	4.8	5.9	4.8	5.1	4.8	5.5	5.4
No	95.2	94.1	95.2	94.9	95.2	94.5	94.6



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	4.8	4.4	3.7	6.0	5.8	4.5
No	95.2	95.6	96.3	94.0	94.2	95.5

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	4.8	0.0	25.4	25.5	53.8
No	95.2	100.0	74.6	74.5	46.2



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Q7. Are you, or is anyone in your household suffering from a new shortness of breath in the past week?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	2.6	2.0	3.1	2.3	1.7	2.6	2.0	2.6
No	97.4	98.0	96.9	97.7	98.3	97.4	98.0	97.4

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	2.6	1.3	3.3	4.9	3.0	2.7	1.8	3.3
No	97.4	98.7	96.7	95.1	97.0	97.3	98.2	96.7



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	2.6	1.7	2.4	3.7	2.7	2.3	2.0	2.6
No	97.4	98.3	97.6	96.3	97.3	97.7	98.0	97.4

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	2.6	3.8	3.7	2.8	3.0	2.8	1.7
No	97.4	96.2	96.3	97.2	97.0	97.2	98.3



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	2.6	2.8	2.1	2.6	2.1	4.1
No	97.4	97.2	97.9	97.4	97.9	95.9

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	2.6	0.0	14.0	34.0	45.2
No	97.4	100.0	86.0	66.0	54.8



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Q8. Have you, or has anyone with symptoms in this household been tested for COVID-19 since the onset of symptoms?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	2.1	2.3	1.1	1.5	3.3	2.5	1.8	2.1
No	97.9	97.7	98.9	98.5	96.7	97.5	98.2	97.9

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	2.1	1.4	1.9	2.6	2.6	2.2	2.0	1.7
No	97.9	98.6	98.1	97.4	97.4	97.8	98.0	98.3



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	2.1	2.7	1.9	2.6	1.9	1.9	1.8	2.1
No	97.9	97.3	98.1	97.4	98.1	98.1	98.2	97.9

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	2.1	1.8	2.3	2.7	0.8	1.5	2.5
No	97.9	98.2	97.7	97.3	99.2	98.5	97.5



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	2.1	1.1	1.8	2.1	2.1	3.3
No	97.9	98.9	98.2	97.9	97.9	96.7

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	2.1	1.4	5.2	10.3	96.0
No	97.9	98.6	94.8	89.7	4.0



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Q9. Did you, or did anyone in this household test positive for COVID-19?

Base: Respondents with symptoms who have been tested for COVID-19

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	95	5	5	5	7	5	5	13
TOTAL (w/t)	105	7	6	7	10	5	5	12
Yes	17.5	38.0	12.3	39.1	15.2	20.5	0.0	17.7
No	82.5	62.0	87.7	60.9	84.8	79.5	100.0	82.3

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	95	4	6	8	12	5	5	6
TOTAL (w/t)	105	5	6	9	15	6	4	5
Yes	17.5	0.0	17.2	31.1	6.5	28.5	15.0	0.0
No	82.5	100.0	82.8	68.9	93.5	71.5	85.0	100.0



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	95	4	22	20	16	15	5	13
TOTAL (w/t)	105	3	30	24	14	16	5	12
Yes	17.5	20.1	25.6	15.3	15.2	12.8	0.0	17.7
No	82.5	79.9	74.4	84.7	84.8	87.2	100.0	82.3

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	95	8	14	19	7	6	26
TOTAL (w/t)	105	8	17	18	5	8	30
Yes	17.5	65.5	29.8	0.0	22.2	0.0	22.9
No	82.5	34.5	70.2	100.0	77.8	100.0	77.1



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	95	7	30	20	18	20
TOTAL (w/t)	105	8	28	20	21	27
Yes	17.5	59.6	21.3	6.0	5.0	20.0
No	82.5	40.4	78.7	94.0	95.0	80.0

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	95	53	42	33	27
TOTAL (w/t)	105	55	49	40	34
Yes	17.5	4.8	31.9	38.9	54.2
No	82.5	95.2	68.1	61.1	45.8



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Q10. Are you, or is anyone in this household still waiting for their COVID-19 test result?

Base: Respondents with symptoms who have been tested for COVID-19

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	95	5	5	5	7	5	5	13
TOTAL (w/t)	105	7	6	7	10	5	5	12
Yes	22.5	29.6	69.3	0.0	13.1	27.5	74.6	30.7
No	77.5	70.4	30.7	100.0	86.9	72.5	25.4	69.3

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	95	4	6	8	12	5	5	6
TOTAL (w/t)	105	5	6	9	15	6	4	5
Yes	22.5	0.0	27.6	16.4	6.5	28.5	15.0	0.0
No	77.5	100.0	72.4	83.6	93.5	71.5	85.0	100.0



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	95	4	22	20	16	15	5	13
TOTAL (w/t)	105	3	30	24	14	16	5	12
Yes	22.5	31.1	24.6	10.0	15.2	18.9	74.6	30.7
No	77.5	68.9	75.4	90.0	84.8	81.1	25.4	69.3

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	95	8	14	19	7	6	26
TOTAL (w/t)	105	8	17	18	5	8	30
Yes	22.5	45.2	38.8	25.8	22.2	7.7	15.9
No	77.5	54.8	61.2	74.2	77.8	92.3	84.1



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	95	7	30	20	18	20
TOTAL (w/t)	105	8	28	20	21	27
Yes	22.5	59.6	19.9	25.8	32.7	3.7
No	77.5	40.4	80.1	74.2	67.3	96.3

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	95	53	42	33	27
TOTAL (w/t)	105	55	49	40	34
Yes	22.5	8.8	38.0	43.3	69.6
No	77.5	91.2	62.0	56.7	30.4



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Q11. Do you, or does anyone in your household have an underlying health condition which might aggravate a COVID-19 infection?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	37.3	30.8	41.6	38.0	39.2	29.7	31.4	32.7
No	62.7	69.2	58.4	62.0	60.8	70.3	68.6	67.3

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	37.3	33.7	42.5	41.5	37.8	39.6	48.2	35.5
No	62.7	66.3	57.5	58.5	62.2	60.4	51.8	64.5



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	37.3	43.2	37.9	39.1	40.4	36.0	31.4	32.7
No	62.7	56.8	62.1	60.9	59.6	64.0	68.6	67.3

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	37.3	31.8	35.1	36.6	37.9	42.3	36.6
No	62.7	68.2	64.9	63.4	62.1	57.7	63.4



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	37.3	31.6	39.9	37.7	34.7	40.3
No	62.7	68.4	60.1	62.3	65.3	59.7

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	37.3	34.9	47.7	50.7	66.6
No	62.7	65.1	52.3	49.3	33.4



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Q12. Please indicate what kind of condition this is.

Base: Respondents who have underlying health conditions which might aggravate a COVID-19 infections

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	2006	104	221	166	132	61	96	199
TOTAL (w/t)	1883	96	204	169	121	58	93	191
A heart condition	12.8	12.5	14.9	10.2	18.4	17.1	7.3	13.8
A lung or pulmonary condition	16.8	11.8	15.6	17.5	13.1	16.6	16.3	13.8
Diabetes	18.3	26.6	19.3	11.2	18.1	20.9	16.7	16.6
Asthma	24.0	22.6	23.7	27.2	26.6	17.9	31.3	25.9
Mobility issues	3.8	5.0	3.2	2.7	2.7	5.3	4.5	3.0
Other	24.3	21.5	23.4	31.2	21.1	22.1	23.9	26.8

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	2006	129	152	144	223	101	106	115
TOTAL (w/t)	1883	115	128	135	220	100	98	101
A heart condition	12.8	13.2	15.1	13.4	11.5	11.0	13.4	5.1
A lung or pulmonary condition	16.8	15.4	14.2	26.6	18.1	12.3	16.2	24.4



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Diabetes	18.3	23.5	23.6	16.2	15.9	24.7	14.3	19.3
Asthma	24.0	13.9	15.9	26.8	25.0	19.7	32.3	21.9
Mobility issues	3.8	7.3	1.9	3.0	3.1	8.3	2.8	6.3
Other	24.3	26.7	29.1	14.0	26.3	23.9	20.9	23.0

Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	2006	57	623	367	322	342	96	199
TOTAL (w/t)	1883	54	591	355	299	301	93	191
A heart condition	12.8	17.6	13.9	12.2	9.8	14.8	7.3	13.8
A lung or pulmonary condition	16.8	21.8	15.0	21.4	17.7	15.1	16.3	13.8
Diabetes	18.3	13.2	17.9	16.0	19.5	23.1	16.7	16.6
Asthma	24.0	24.4	25.1	25.7	24.6	15.5	31.3	25.9
Mobility issues	3.8	2.1	3.2	3.1	5.8	4.6	4.5	3.0
Other	24.3	20.9	24.8	21.6	22.6	26.9	23.9	26.8



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Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	2006	148	278	263	253	229	456
TOTAL (w/t)	1883	147	249	240	228	226	439
A heart condition	12.8	10.6	11.9	14.3	17.1	13.1	12.2
A lung or pulmonary condition	16.8	18.7	18.6	17.6	14.7	17.6	15.3
Diabetes	18.3	19.9	22.4	16.7	16.4	17.7	17.7
Asthma	24.0	21.8	19.4	24.9	21.8	26.8	28.7
Mobility issues	3.8	8.0	4.2	6.0	3.2	1.5	2.6
Other	24.3	20.8	23.5	20.5	26.8	23.3	23.5

Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	2006	281	784	366	316	259
TOTAL (w/t)	1883	221	615	361	360	325
A heart condition	12.8	13.2	15.5	13.5	9.2	10.8
A lung or pulmonary condition	16.8	20.1	19.9	12.0	18.6	11.9
Diabetes	18.3	16.4	20.9	14.4	16.5	20.9
Asthma	24.0	15.4	17.6	27.4	33.2	27.9
Mobility issues	3.8	8.3	3.3	5.0	1.5	3.2



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Other	24.3	26.6	22.7	27.6	21.1	25.3
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Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	2006	1586	420	183	18
TOTAL (w/t)	1883	1428	455	198	23
A heart condition	12.8	13.4	11.0	11.8	21.2
A lung or pulmonary condition	16.8	17.1	15.7	13.8	32.2
Diabetes	18.3	19.0	16.2	19.7	12.9
Asthma	24.0	22.6	28.4	26.7	21.0
Mobility issues	3.8	3.5	5.0	6.7	4.3
Other	24.3	24.5	23.6	21.3	8.5



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Q13. What is your current level of emotional stress?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
NET EXTREMELY/VERY STRESSED	19.8	18.2	18.4	18.4	20.0	15.7	16.6	22.4
NET SOMEWHAT/NOT VERY/NOT AT ALL STRESSED	80.2	81.8	81.6	81.6	80.0	84.3	83.4	77.6
Extremely stressed	4.8	5.9	4.7	6.2	2.2	4.9	4.0	4.6
Very stressed	15.0	12.3	13.6	12.2	17.7	10.8	12.5	17.8
Somewhat stressed	41.0	39.8	45.1	42.1	42.7	37.9	46.3	43.3
Not very stressed	28.0	27.3	28.3	29.6	26.4	33.6	28.7	25.5
Not stressed at all	11.2	14.7	8.2	10.0	10.9	12.7	8.4	8.8

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
NET EXTREMELY/VERY STRESSED	19.8	20.0	25.6	21.0	21.1	18.7	16.1	17.1



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NET SOMEWHAT/NOT VERY/NOT AT ALL STRESSED	80.2	80.0	74.4	79.0	78.9	81.3	83.9	82.9
Extremely stressed	4.8	5.2	6.3	2.7	3.7	6.1	3.6	4.7
Very stressed	15.0	14.8	19.3	18.3	17.3	12.6	12.5	12.4
Somewhat stressed	41.0	38.5	37.7	39.2	38.8	38.1	42.3	42.6
Not very stressed	28.0	29.2	24.5	27.2	29.3	27.3	29.5	27.7
Not stressed at all	11.2	12.3	12.2	12.5	10.8	15.8	12.1	12.5

Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
NET: TOP2	19.8	25.0	18.7	21.0	17.4	21.0	16.6	22.4
NET: BTM3	80.2	75.0	81.3	79.0	82.6	79.0	83.4	77.6
Extremely stressed	4.8	10.1	4.9	3.4	4.9	5.5	4.0	4.6
Very stressed	15.0	14.9	13.8	17.7	12.5	15.5	12.5	17.8
Somewhat stressed	41.0	30.7	42.7	39.0	41.0	38.1	46.3	43.3
Not very stressed	28.0	29.0	28.1	28.6	28.1	28.6	28.7	25.5
Not stressed at all	11.2	15.3	10.5	11.4	13.5	12.3	8.4	8.8

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
NET: TOP2	19.8	23.1	20.9	22.4	18.4	16.9	19.1
NET: BTM3	80.2	76.9	79.1	77.6	81.6	83.1	80.9
Extremely stressed	4.8	9.8	6.1	5.2	3.8	4.0	3.3
Very stressed	15.0	13.3	14.8	17.2	14.6	12.9	15.8
Somewhat stressed	41.0	36.3	36.8	37.9	42.3	42.1	47.9
Not very stressed	28.0	26.3	27.4	30.0	29.1	30.3	24.8
Not stressed at all	11.2	14.2	14.9	9.7	10.1	10.7	8.2



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
NET: TOP2	19.8	19.5	15.4	20.0	23.2	23.5
NET: BTM3	80.2	80.5	84.6	80.0	76.8	76.5
Extremely stressed	4.8	5.1	3.1	5.2	5.1	6.7
Very stressed	15.0	14.4	12.3	14.9	18.1	16.8
Somewhat stressed	41.0	35.1	41.3	44.4	44.5	37.0
Not very stressed	28.0	32.4	31.3	23.7	24.4	27.7
Not stressed at all	11.2	13.0	12.0	11.8	7.9	11.8



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Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
NET: TOP2	19.8	16.7	33.0	31.8	63.2
NET: BTM3	80.2	83.3	67.0	68.2	36.8
Extremely stressed	4.8	3.7	9.4	11.5	35.6
Very stressed	15.0	13.0	23.6	20.3	27.5
Somewhat stressed	41.0	41.1	40.8	39.1	13.3
Not very stressed	28.0	30.0	19.6	19.7	14.1
Not stressed at all	11.2	12.3	6.6	9.5	9.5



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Q14. How optimistic or pessimistic are you about the future right now?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
NET: TOP2	46.4	44.4	49.7	48.2	44.4	46.8	46.6	45.7
NEITHER	25.3	26.8	23.7	21.7	25.5	27.0	25.2	22.4
NET: BTM2	22.0	19.6	21.9	23.7	25.3	16.1	23.6	26.3
Very optimistic	14.2	14.1	15.3	11.5	11.8	15.0	16.3	12.8
Somewhat optimistic	32.1	30.2	34.4	36.7	32.6	31.8	30.3	32.8
Neither optimistic nor pessimistic	25.3	26.8	23.7	21.7	25.5	27.0	25.2	22.4
Somewhat pessimistic	16.9	15.6	16.9	17.5	20.4	10.2	18.4	21.5
Very pessimistic	5.2	4.0	5.0	6.2	4.9	5.9	5.2	4.8
Don't know	6.3	9.2	4.8	6.3	4.8	10.1	4.6	5.6

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284



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NET: TOP2	46.4	44.5	45.0	45.6	44.0	45.5	50.5	49.1
NEITHER	25.3	25.4	27.7	27.8	28.3	26.1	22.9	30.2
NET: BTM2	22.0	20.8	18.4	23.0	23.2	23.5	18.0	15.4
Very optimistic	14.2	16.1	16.7	15.4	11.8	13.9	17.1	14.3
Somewhat optimistic	32.1	28.4	28.3	30.2	32.2	31.7	33.3	34.8
Neither optimistic nor pessimistic	25.3	25.4	27.7	27.8	28.3	26.1	22.9	30.2
Somewhat pessimistic	16.9	14.9	13.2	17.3	18.6	16.5	13.7	12.3
Very pessimistic	5.2	5.9	5.3	5.7	4.7	6.9	4.3	3.1
Don't know	6.3	9.4	8.9	3.6	4.5	4.9	8.6	5.3

Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
NET: TOP2	46.4	48.7	47.2	44.6	48.3	45.2	46.6	45.7
NEITHER	25.3	16.5	24.1	28.1	26.8	26.6	25.2	22.4
NET: BTM2	22.0	23.4	22.6	23.1	18.9	18.8	23.6	26.3
Very optimistic	14.2	19.4	13.3	13.1	14.9	16.1	16.3	12.8
Somewhat optimistic	32.1	29.4	33.9	31.5	33.3	29.2	30.3	32.8
Neither optimistic nor pessimistic	25.3	16.5	24.1	28.1	26.8	26.6	25.2	22.4
Somewhat pessimistic	16.9	15.0	17.5	18.1	14.1	13.2	18.4	21.5
Very pessimistic	5.2	8.3	5.1	5.0	4.7	5.7	5.2	4.8



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Don't know	6.3	11.4	6.1	4.2	6.1	9.4	4.6	5.6
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Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
NET: TOP2	46.4	46.2	46.6	49.1	48.9	43.3	47.2
NEITHER	25.3	23.0	23.8	24.5	26.5	29.9	22.8
NET: BTM2	22.0	17.9	19.5	20.6	20.7	22.2	28.2
Very optimistic	14.2	17.5	16.4	15.5	13.8	13.6	12.6
Somewhat optimistic	32.1	28.7	30.2	33.6	35.1	29.7	34.6
Neither optimistic nor pessimistic	25.3	23.0	23.8	24.5	26.5	29.9	22.8
Somewhat pessimistic	16.9	12.4	15.1	15.0	14.7	16.0	23.2
Very pessimistic	5.2	5.5	4.4	5.7	6.0	6.2	5.0
Don't know	6.3	12.9	10.0	5.8	3.9	4.7	1.8



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
NET: TOP2	46.4	47.0	47.9	45.7	43.3	47.5
NEITHER	25.3	23.3	25.1	26.3	26.8	24.3
NET: BTM2	22.0	22.3	20.2	22.6	24.5	21.6
Very optimistic	14.2	14.0	14.9	14.3	11.1	17.1
Somewhat optimistic	32.1	33.1	33.1	31.3	32.2	30.4
Neither optimistic nor pessimistic	25.3	23.3	25.1	26.3	26.8	24.3
Somewhat pessimistic	16.9	18.0	16.0	16.8	18.6	15.3
Very pessimistic	5.2	4.4	4.1	5.8	5.9	6.3
Don't know	6.3	7.4	6.8	5.4	5.4	6.6

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
NET: TOP2	46.4	47.3	42.5	42.7	42.6



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NEITHER	25.3	25.4	24.7	23.1	14.4
NET: BTM2	22.0	20.7	27.7	28.5	32.7
Very optimistic	14.2	14.8	11.8	13.8	14.6
Somewhat optimistic	32.1	32.5	30.7	29.0	28.0
Neither optimistic nor pessimistic	25.3	25.4	24.7	23.1	14.4
Somewhat pessimistic	16.9	16.2	19.6	19.2	13.5
Very pessimistic	5.2	4.5	8.1	9.4	19.2
Don't know	6.3	6.6	5.1	5.6	10.3



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Q15. As far as you know, are the people in your neighbourhood observing "social distancing" by staying at least 6 feet apart?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	86.4	84.5	84.8	88.8	90.3	82.5	89.0	86.9
No	13.6	15.5	15.2	11.2	9.7	17.5	11.0	13.1

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	86.4	88.7	86.1	84.5	89.2	81.8	84.1	86.4
No	13.6	11.3	13.9	15.5	10.8	18.2	15.9	13.6



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	86.4	75.4	87.0	87.5	84.2	86.3	89.0	86.9
No	13.6	24.6	13.0	12.5	15.8	13.7	11.0	13.1

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	86.4	82.0	83.4	86.4	86.6	86.8	88.9
No	13.6	18.0	16.6	13.6	13.4	13.2	11.1



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	86.4	85.9	85.6	87.4	87.8	85.2
No	13.6	14.1	14.4	12.6	12.2	14.8

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	86.4	87.9	79.9	78.5	73.5
No	13.6	12.1	20.1	21.5	26.5



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Q16. Do you approve or disapprove of "social distancing"?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Approve	96.6	94.8	94.9	97.2	95.7	97.2	97.8	95.6
Disapprove	3.4	5.2	5.1	2.8	4.3	2.8	2.2	4.4

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Approve	96.6	98.5	97.1	98.6	96.8	95.4	93.8	99.0
Disapprove	3.4	1.5	2.9	1.4	3.2	4.6	6.2	1.0



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Approve	96.6	97.9	95.7	97.4	96.3	97.7	97.8	95.6
Disapprove	3.4	2.1	4.3	2.6	3.7	2.3	2.2	4.4

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Approve	96.6	96.4	96.2	97.2	96.5	97.6	96.4
Disapprove	3.4	3.6	3.8	2.8	3.5	2.4	3.6



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Approve	96.6	95.8	97.9	97.8	96.4	93.7
Disapprove	3.4	4.2	2.1	2.2	3.6	6.3

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Approve	96.6	96.6	96.5	94.9	80.3
Disapprove	3.4	3.4	3.5	5.1	19.7



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Q17. As far as you know, are your neighbours staying home as much as possible

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Yes	91.0	93.1	92.3	92.1	93.6	91.2	93.3	92.1
No	9.0	6.9	7.7	7.9	6.4	8.8	6.7	7.9

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Yes	91.0	90.8	88.2	87.8	91.3	88.5	86.5	88.8
No	9.0	9.2	11.8	12.2	8.7	11.5	13.5	11.2



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Yes	91.0	91.0	92.6	90.1	88.0	89.9	93.3	92.1
No	9.0	9.0	7.4	9.9	12.0	10.1	6.7	7.9

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Yes	91.0	85.1	88.8	92.5	91.0	91.3	92.0
No	9.0	14.9	11.2	7.5	9.0	8.7	8.0



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Yes	91.0	92.2	91.3	89.4	92.1	89.9
No	9.0	7.8	8.7	10.6	7.9	10.1

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Yes	91.0	92.4	85.0	83.3	81.1
No	9.0	7.6	15.0	16.7	18.9



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Q18. Do you approve or disapprove of staying at home as much as possible?

Region: Local Health Integration Networks (LHIN)

	Total	Erie St. Clair LHIN	South West LHIN	Waterloo Wellington LHIN	Hamilton Niagara Haldimand Brant LHIN	Central West LHIN	Mississauga Halton LHIN	Toronto Central LHIN
TOTAL (u/w)	5045	312	495	420	312	182	278	549
TOTAL (w/t)	5045	313	491	446	308	194	296	584
Approve	95.0	95.2	94.8	91.7	92.1	95.4	97.4	93.7
Disapprove	5.0	4.8	5.2	8.3	7.9	4.6	2.6	6.3

	Total	Central LHIN	Central East LHIN	South East LHIN	Champlain LHIN	North Simcoe Muskoka LHIN	North East LHIN	North West LHIN
TOTAL (u/w)	5045	354	330	331	569	251	225	300
TOTAL (w/t)	5045	341	300	326	581	252	203	284
Approve	95.0	97.1	97.2	95.6	96.1	94.7	93.0	96.7
Disapprove	5.0	2.9	2.8	4.4	3.9	5.3	7.0	3.3



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Regions of Ontario

	Total	OTHER	Southwest	Eastern	Northern	Central	GTA (not including Toronto)	Toronto
TOTAL (u/w)	5045	137	1539	900	776	866	278	549
TOTAL (w/t)	5045	125	1558	907	739	835	296	584
Approve	95.0	96.5	93.5	95.9	95.0	96.7	97.4	93.7
Disapprove	5.0	3.5	6.5	4.1	5.0	3.3	2.6	6.3

Household Income

	Total	Less than \$20,000	\$20,000 to \$40,000	\$40,000 to \$60,000	\$60,000 to \$80,000	\$80,000 to \$100,000	\$100,000 or more
TOTAL (u/w)	5045	424	736	677	618	534	1166
TOTAL (w/t)	5045	464	711	654	602	535	1200
Approve	95.0	94.8	95.0	95.9	96.3	95.9	93.8
Disapprove	5.0	5.2	5.0	4.1	3.7	4.1	6.2



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Household Size

	Total	Just one person, myself	2 people	3 people	4 people	5 or more
TOTAL (u/w)	5045	820	1811	909	869	636
TOTAL (w/t)	5045	701	1540	958	1038	807
Approve	95.0	94.8	96.8	95.1	94.8	91.9
Disapprove	5.0	5.2	3.2	4.9	5.2	8.1

Symptom Assessment / Testing Assessment

	Total	No Symptoms	Any New Symptom	New High-Risk Symptom	Positive or a Pending COVID-19 Test
TOTAL (u/w)	5045	4202	843	361	28
TOTAL (w/t)	5045	4091	954	391	35
Approve	95.0	95.0	94.9	93.1	76.5
Disapprove	5.0	5.0	5.1	6.9	23.5



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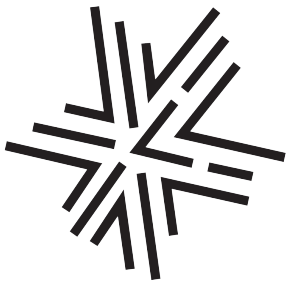
APPENDIX A:
BRAMPTON POLL



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Mainstreet Research - Brampton COVID-19 Survey

Methodology

The analysis in this report is based on results of a survey conducted on March 30th 2020 among a sample of 4243 residents of the City of Brampton. The survey was conducted using automated telephone interviews (Smart IVR). Respondents were interviewed on landlines and cellular phones.

Totals may not add up 100% due to rounding.

How many people are in your household?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
1	11.7%	26.8%	16.8%	10.6%	7.7%	6.3%	3%	12.2%
2	25.3%	21.9%	30%	29.5%	24.1%	21.1%	16.5%	30.5%
3	15.8%	13.7%	15.1%	15.2%	18.2%	15.8%	21.1%	14.2%
4	22.3%	16%	16.3%	20.8%	23.6%	28.9%	30.8%	21.5%
5+	24.9%	21.6%	21.8%	23.9%	26.4%	27.8%	28.6%	21.6%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
1	11.7%	100%	0%	0%	0%	0%
2	25.3%	0%	100%	0%	0%	0%
3	15.8%	0%	0%	100%	0%	0%
4	22.3%	0%	0%	0%	100%	0%
5+	24.9%	0%	0%	0%	0%	100%
Unweighted	4243	495	1072	672	947	1057
Frequency						
Weighted	4243	495	1072	672	947	1057
Frequency						

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
1	11.7%	11.5%	13%	16.3%	0%	25%
2	25.3%	25.8%	20.6%	14.3%	17.6%	8.3%
3	15.8%	15.7%	18.2%	12.2%	17.6%	25%
4	22.3%	22.4%	20.2%	24.5%	47.1%	0%
5+	24.9%	24.6%	27.9%	32.7%	17.6%	41.7%
Unweighted	4243	3918	247	49	17	12
Frequency						
Weighted	4243	3918	247	49	17	12
Frequency						

Have you, or has anyone in your household travelled outside Canada in the last 3 months?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	16.8%	11.7%	12.1%	16.9%	17.9%	22.5%	28.9%	17.6%
No	83.2%	88.3%	87.9%	83.1%	82.1%	77.5%	71.1%	82.4%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	16.8%	12.7%	17%	16.1%	16.8%	19%
No	83.2%	87.3%	83%	83.9%	83.2%	81%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	16.8%	16.5%	19.4%	20.4%	29.4%	41.7%
No	83.2%	83.5%	80.6%	79.6%	70.6%	58.3%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

Are you, or is anyone in your household currently suffering from fever, that is, an elevated temperature accompanied by sweats and chills?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	1.1%	2.3%	0.5%	1.3%	0.8%	1.8%	0.8%	0.9%
No	98.9%	97.7%	99.5%	98.7%	99.2%	98.2%	99.2%	99.1%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	1.1%	1.8%	0.4%	1.5%	1.3%	1.1%
No	98.9%	98.2%	99.6%	98.5%	98.7%	98.9%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	1.1%	0%	8.9%	14.3%	35.3%	100%
No	98.9%	100%	91.1%	85.7%	64.7%	0%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

Are you, or is anyone in your household currently suffering from a persistent, dry cough?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	3.8%	5.5%	3.7%	3.5%	4.9%	3.9%	4.9%	2.6%
No	96.2%	94.5%	96.3%	96.5%	95.1%	96.1%	95.1%	97.4%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	3.8%	5.1%	2.1%	4.2%	4.2%	4.2%
No	96.2%	94.9%	97.9%	95.8%	95.8%	95.8%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	3.8%	0%	40.5%	65.3%	94.1%	100%
No	96.2%	100%	59.5%	34.7%	5.9%	0%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

Are you, or is anyone in your household suffering from persistent headaches?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	3.1%	4.1%	2.8%	2%	3.8%	3.2%	3.8%	3.1%
No	96.9%	95.9%	97.2%	98%	96.2%	96.8%	96.2%	96.9%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	3.1%	2.4%	2.9%	3%	3.1%	3.7%
No	96.9%	97.6%	97.1%	97%	96.9%	96.3%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	3.1%	0%	29.6%	67.3%	76.5%	100%
No	96.9%	100%	70.4%	32.7%	23.5%	0%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

Do you, or does anyone in your household have a sore throat, or difficulty swallowing?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	2.5%	4.7%	1.6%	2.2%	2.3%	3.2%	3.2%	2.4%
No	97.5%	95.3%	98.4%	97.8%	97.7%	96.8%	96.8%	97.6%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	2.5%	2.8%	1.9%	3%	1.8%	3.3%
No	97.5%	97.2%	98.1%	97%	98.2%	96.7%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	2.5%	0%	21.1%	53.1%	94.1%	100%
No	97.5%	100%	78.9%	46.9%	5.9%	0%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

Number of Symptoms Among the Sample

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
0	92.3%	91%	92.5%	93.1%	90.5%	90.8%	90.3%	93.5%
1	5.8%	4.7%	6.5%	5.4%	7.7%	7.4%	7.8%	4.9%
2	1.2%	2.3%	0.8%	0.9%	1.3%	1.1%	1.1%	1.1%
3	0.4%	0.9%	0.2%	0.4%	0.5%	0.4%	0.5%	0.2%
4	0.3%	1.2%	0%	0.2%	0%	0.4%	0.3%	0.3%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
0	92.3%	91.3%	94.2%	91.5%	92.6%	91.2%
1	5.8%	6.5%	4.8%	6.7%	5.3%	6.5%
2	1.2%	1.6%	0.7%	0.9%	1.3%	1.5%
3	0.4%	0%	0.3%	0.4%	0.8%	0.3%
4	0.3%	0.6%	0.1%	0.4%	0%	0.5%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
0	92.3%	100%	0%	0%	0%	0%
1	5.8%	0%	100%	0%	0%	0%
2	1.2%	0%	0%	100%	0%	0%
3	0.4%	0%	0%	0%	100%	0%
4	0.3%	0%	0%	0%	0%	100%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

Incidence Of Any Symptoms In The Sample

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
No Symptoms	92.3%	91%	92.5%	93.1%	90.5%	90.8%	90.3%	93.5%
Any Symptom	7.7%	9%	7.5%	6.9%	9.5%	9.2%	9.7%	6.5%
Unweighted Frequency	4243	343	614	539	390	284	370	921
Weighted Frequency	4243	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
No Symptoms	92.3%	91.3%	94.2%	91.5%	92.6%	91.2%
Any Symptom	7.7%	8.7%	5.8%	8.5%	7.4%	8.8%
Unweighted Frequency	4243	495	1072	672	947	1057
Weighted Frequency	4243	495	1072	672	947	1057

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
No Symptoms	92.3%	100%	0%	0%	0%	0%
Any Symptom	7.7%	0%	100%	100%	100%	100%
Unweighted Frequency	4243	3918	247	49	17	12
Weighted Frequency	4243	3918	247	49	17	12

How severe would you say these symptoms are among those members of your household who have them?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Extremely Severe	2.8%	9.7%	2.2%	0%	0%	3.8%	2.8%	3.3%
Very Severe	3.7%	6.5%	0%	2.7%	8.1%	3.8%	0%	5%
Somewhat Severe	6.8%	12.9%	4.3%	5.4%	8.1%	3.8%	8.3%	6.7%
Not Very Severe	21.8%	16.1%	19.6%	16.2%	35.1%	7.7%	38.9%	21.7%
Not Severe At All	24.6%	9.7%	26.1%	35.1%	16.2%	34.6%	22.2%	31.7%
Did Not Answer	40.3%	45.2%	47.8%	40.5%	32.4%	46.2%	27.8%	31.7%
Unweighted Frequency	325	31	46	37	37	26	36	60
Weighted Frequency	325	31	46	37	37	26	36	60

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Extremely Severe	2.8%	2.3%	1.6%	1.8%	1.4%	5.4%
Very Severe	3.7%	0%	0%	8.8%	4.3%	4.3%
Somewhat Severe	6.8%	2.3%	8.1%	8.8%	11.4%	3.2%
Not Very Severe	21.8%	11.6%	22.6%	21.1%	25.7%	23.7%
Not Severe At All	24.6%	18.6%	27.4%	29.8%	17.1%	28%
Did Not Answer	40.3%	65.1%	40.3%	29.8%	40%	35.5%
Unweighted Frequency	325	43	62	57	70	93
Weighted Frequency	325	43	62	57	70	93

broken out by number of symptoms

	Total	Number of Symptoms			
		1	2	3	4
Extremely Severe	2.8%	0.4%	2%	5.9%	50%
Very Severe	3.7%	2.8%	4.1%	11.8%	8.3%
Somewhat Severe	6.8%	5.7%	10.2%	11.8%	8.3%
Not Very Severe	21.8%	18.2%	34.7%	47.1%	8.3%
Not Severe At All	24.6%	27.1%	26.5%	0%	0%
Did Not Answer	40.3%	45.7%	22.4%	23.5%	25%
Unweighted Frequency	325	247	49	17	12
Weighted Frequency	325	247	49	17	12

Are you or the members of your household who have these symptoms currently being cared for?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	20.9%	12.9%	21.7%	21.6%	24.3%	19.2%	19.4%	26.7%
No	37.5%	41.9%	30.4%	37.8%	43.2%	34.6%	52.8%	41.7%
Did Not Answer	41.5%	45.2%	47.8%	40.5%	32.4%	46.2%	27.8%	31.7%
Unweighted Frequency	325	31	46	37	37	26	36	60
Weighted Frequency	325	31	46	37	37	26	36	60

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	20.9%	7%	14.5%	14%	25.7%	32.3%
No	37.5%	27.9%	45.2%	52.6%	34.3%	30.1%
Did Not Answer	41.5%	65.1%	40.3%	33.3%	40%	37.6%
Unweighted Frequency	325	43	62	57	70	93
Weighted Frequency	325	43	62	57	70	93

broken out by number of symptoms

	Total	Number of Symptoms			
		1	2	3	4
Yes	20.9%	16.2%	44.9%	17.6%	25%
No	37.5%	36.4%	32.7%	58.8%	50%
Did Not Answer	41.5%	47.4%	22.4%	23.5%	25%
Unweighted Frequency	325	247	49	17	12
Weighted Frequency	325	247	49	17	12

Do you, or does anyone in your household have an underlying health condition which might aggravate a COVID-19 infection?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	28.8%	27.7%	26.9%	31.5%	30%	36.3%	35.7%	29.9%
No	71.2%	72.3%	73.1%	68.5%	70%	63.7%	64.3%	70.1%
Unweighted Frequency	4016	343	614	539	390	284	370	921
Weighted Frequency	4016	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	28.8%	23.3%	35.6%	33.4%	25%	24.6%
No	71.2%	76.7%	64.4%	66.6%	75%	75.4%
Unweighted Frequency	4016	476	1025	640	889	986
Weighted Frequency	4016	476	1025	640	889	986

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	28.8%	27.3%	44%	41.3%	50%	91.7%
No	71.2%	72.7%	56%	58.7%	50%	8.3%
Unweighted Frequency	4016	3708	234	46	16	12
Weighted Frequency	4016	3708	234	46	16	12

Please indicate which underlying condition you have. (only asked of those who answered “yes” to the previous question)

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Heart Condition	23.8%	32.6%	23.6%	22.4%	23.1%	24.3%	22.7%	22.9%
Lung/Pulmonary Condition	15%	12.6%	19.4%	11.8%	17.1%	10.7%	13.6%	15.3%
Diabetes	29%	33.7%	30.3%	33.5%	34.2%	32%	25.8%	25.8%
Asthma	10.1%	4.2%	4.8%	8.8%	6%	9.7%	15.2%	13.1%
Mobility Issues	3.8%	6.3%	4.8%	5.9%	2.6%	1.9%	2.3%	3.3%
Other	18.3%	10.5%	17%	17.6%	17.1%	21.4%	20.5%	19.6%
Unweighted Frequency	1144	95	165	170	117	103	132	275
Weighted Frequency	1144	95	165	170	117	103	132	275

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Heart Condition	23.8%	21.8%	29.3%	20.9%	21.3%	21.2%
Lung/Pulmonar Condition	15%	15.5%	18.5%	15.2%	12.2%	12.1%
Diabetes	29%	26.4%	22.4%	33.2%	33%	32.9%
Asthma	10.1%	4.5%	8.3%	9.5%	10.9%	15%
Mobility Issues	3.8%	10.9%	3.9%	4.3%	1.8%	2.1%
Other	18.3%	20.9%	17.7%	17.1%	20.8%	16.7%
Unweighted Frequency	1144	110	362	211	221	240
Weighted Frequency	1144	110	362	211	221	240

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Heart	23.8%	24.7%	18.6%	10.5%	0%	30%
Condition						
Lung/Pulmonar	15%	14%	20.6%	36.8%	0%	30%
Condition						
Diabetes	29%	29.9%	24.5%	15.8%	28.6%	10%
Asthma	10.1%	9.4%	13.7%	15.8%	28.6%	10%
Mobility	3.8%	3.9%	3.9%	0%	14.3%	0%
Issues						
Other	18.3%	18.1%	18.6%	21.1%	28.6%	20%
Unweighted	1144	1006	102	19	7	10
Frequency						
Weighted	1144	1006	102	19	7	10
Frequency						

What is your current level of emotional stress?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Extremely Stressed	4.2%	9%	3.9%	3.3%	3.8%	4.9%	3.2%	3.9%
Very Stressed	13.4%	13.7%	14.3%	13.7%	15.1%	12.3%	17.3%	11.6%
Somewhat Stressed	33.4%	27.1%	30.6%	33.8%	34.4%	39.8%	39.5%	36.2%
Not Very Stressed	27.4%	23.9%	29%	29.3%	32.1%	28.9%	25.1%	26.4%
Not Stressed At All	21.6%	26.2%	22.1%	19.9%	14.6%	14.1%	14.9%	21.9%
Unweighted Frequency	3930	343	614	539	390	284	370	921
Weighted Frequency	3930	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Extremely Stressed	4.2%	3.6%	3.9%	4%	4%	5.1%
Very Stressed	13.4%	9.8%	12.4%	13.6%	15.7%	14.1%
Somewhat Stressed	33.4%	31.2%	31.9%	33.7%	39.4%	30.4%
Not Very Stressed	27.4%	28.6%	30.3%	27.6%	24.2%	26.5%
Not Stressed At All	21.6%	26.7%	21.5%	21.2%	16.6%	23.9%
Unweighted Frequency	3930	468	1006	627	867	962
Weighted Frequency	3930	468	1006	627	867	962

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Extremely Stressed	4.2%	3.6%	7.8%	15.2%	26.7%	36.4%
Very Stressed	13.4%	12.9%	21.7%	17.4%	13.3%	0%
Somewhat Stressed	33.4%	33.1%	36.1%	43.5%	33.3%	36.4%
Not Very Stressed	27.4%	28%	20%	19.6%	26.7%	27.3%
Not Stressed At All	21.6%	22.4%	14.3%	4.3%	0%	0%
Unweighted Frequency	3930	3628	230	46	15	11
Weighted Frequency	3930	3628	230	46	15	11

How optimistic or pessimistic are you about the future right now?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Very Optimistic	17.8%	19.5%	19.5%	17.3%	19.5%	18.3%	20.3%	15.2%
Somewhat Optimistic	28.9%	17.8%	29.6%	31.4%	32.6%	32.7%	38.6%	26.7%
Neither Optimistic or Pessimistic	20%	19%	18.7%	21.9%	21.5%	24.6%	17.6%	21.6%
Somewhat Pessimistic	8.4%	7.6%	4.9%	9.1%	7.9%	10.6%	11.9%	9.2%
Very Pessimistic	3.8%	5%	3.7%	4.5%	2.6%	3.2%	4.3%	3.3%
Don't Know	21%	31.2%	23.5%	16%	15.9%	10.6%	7.3%	24%
Unweighted Frequency	3834	343	614	539	390	284	370	921
Weighted Frequency	3834	343	614	539	390	284	370	921

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Very Optimistic	17.8%	15.7%	15.8%	15.8%	18.4%	21.7%
Somewhat Optimistic	28.9%	27.8%	33.6%	29.7%	28.7%	24%
Neither Optimistic or Pessimistic	20%	22.6%	19.1%	21%	21.7%	17.3%
Somewhat Pessimistic	8.4%	9.5%	9.3%	8.2%	8.9%	6.7%
Very Pessimistic	3.8%	2.6%	4.3%	4.7%	3.1%	4.1%
Don't Know	21%	21.8%	17.8%	20.6%	19.1%	26.2%
Unweighted Frequency	3834	464	987	613	842	928
Weighted Frequency	3834	464	987	613	842	928

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Very Optimistic	17.8%	18%	13.8%	17.4%	20%	36.4%
Somewhat Optimistic	28.9%	28.8%	34.7%	13%	40%	9.1%
Neither Optimistic or Pessimistic	20%	19.9%	21.8%	26.1%	13.3%	9.1%
Somewhat Pessimistic	8.4%	8.2%	10.2%	17.4%	13.3%	9.1%
Very Pessimistic	3.8%	3.7%	4.9%	2.2%	6.7%	18.2%
Don't Know	21%	21.5%	14.7%	23.9%	6.7%	18.2%
Unweighted Frequency	3834	3537	225	46	15	11
Weighted Frequency	3834	3537	225	46	15	11

APPENDIX B:

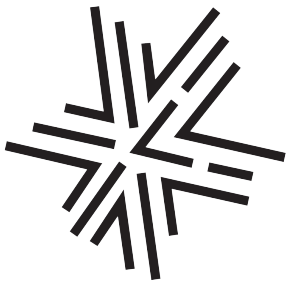
FORT MACMURRAY (REGIONAL MUNICIPALITY OF WOOD BUFFALO) POLL



**FORUM
RESEARCH**



**MAINSTREET
RESEARCH**



MAINSTREET RESEARCH

Mainstreet Research - Wood Buffalo COVID-19 Survey

Methodology

The analysis in this report is based on results of a survey conducted on March 30th 2020 among a sample of 3643 residents of the Regional Municipality of Wood Buffalo. The survey was conducted using automated telephone interviews (Smart IVR). Respondents were interviewed on landlines and cellular phones.

Totals may not add up 100% due to rounding.

How many people are in your household?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
1	13.6%	26.7%	20%	16.5%	16.8%	16.7%	10.2%	10.1%
2	29.7%	26.1%	30.9%	29.6%	28.7%	29.2%	27.7%	35.1%
3	18.8%	13.9%	17.7%	20%	22%	20.1%	18.7%	19%
4	20%	14.5%	17.7%	17.8%	15.7%	19.5%	23.3%	18.8%
5+	18%	18.8%	13.6%	16.1%	16.8%	14.5%	20.1%	17%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
1	13.6%	100%	0%	0%	0%	0%
2	29.7%	0%	100%	0%	0%	0%
3	18.8%	0%	0%	100%	0%	0%
4	20%	0%	0%	0%	100%	0%
5+	18%	0%	0%	0%	0%	100%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
1	13.6%	14.3%	7.6%	8.7%	11.4%	33.3%
2	29.7%	30.4%	27.3%	28.7%	29.5%	20%
3	18.8%	18.2%	22.5%	18.3%	22.7%	13.3%
4	20%	19.7%	22.9%	23.5%	9.1%	20%
5+	18%	17.4%	19.7%	20.9%	27.3%	13.3%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Have you, or has anyone in your household travelled outside Canada in the last 3 months?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	20.8%	10.9%	13.2%	13%	14.2%	19.5%	28.8%	21.1%
No	79.2%	89.1%	86.8%	87%	85.8%	80.5%	71.2%	78.9%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	20.8%	14.6%	22.4%	19.7%	22.9%	21.5%
No	79.2%	85.4%	77.6%	80.3%	77.1%	78.5%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	20.8%	19.7%	26.3%	22.6%	34.1%	53.3%
No	79.2%	80.3%	73.7%	77.4%	65.9%	46.7%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Are you, or is anyone in your household currently suffering from fever, that is, an elevated temperature accompanied by sweats and chills?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	2.1%	3%	3.2%	1.7%	0.7%	3.8%	1.8%	0.8%
No	97.9%	97%	96.8%	98.3%	99.3%	96.2%	98.2%	99.2%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	2.1%	2.3%	1.8%	2.4%	2%	2.1%
No	97.9%	97.7%	98.2%	97.6%	98%	97.9%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	2.1%	0%	6.3%	13%	29.5%	100%
No	97.9%	100%	93.7%	87%	70.5%	0%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Are you, or is anyone in your household currently suffering from a persistent, dry cough?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	8%	9.7%	7.3%	9.6%	7.1%	9.7%	8.7%	7.1%
No	92%	90.3%	92.7%	90.4%	92.9%	90.3%	91.3%	92.9%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	8%	6.2%	7.5%	10%	7.6%	8.4%
No	92%	93.8%	92.5%	90%	92.4%	91.6%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	8%	0%	41.6%	74.8%	90.9%	100%
No	92%	100%	58.4%	25.2%	9.1%	0%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Are you, or is anyone in your household suffering from persistent headaches?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	6.9%	8.5%	3.6%	7.8%	3.4%	9.4%	8.7%	5.8%
No	93.1%	91.5%	96.4%	92.2%	96.6%	90.6%	91.3%	94.2%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	6.9%	5.4%	6.2%	7.8%	6.8%	8.6%
No	93.1%	94.6%	93.8%	92.2%	93.2%	91.4%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	6.9%	0%	33.3%	66.1%	93.2%	100%
No	93.1%	100%	66.7%	33.9%	6.8%	0%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Do you, or does anyone in your household have a sore throat, or difficulty swallowing?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	4.8%	4.8%	3.2%	3.5%	4.1%	6.3%	6.1%	3.7%
No	95.2%	95.2%	96.8%	96.5%	95.9%	93.7%	93.9%	96.3%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	4.8%	3.7%	4.3%	3.9%	5.8%	6.4%
No	95.2%	96.3%	95.7%	96.1%	94.2%	93.6%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	4.8%	0%	18.7%	46.1%	86.4%	100%
No	95.2%	100%	81.3%	53.9%	13.6%	0%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Number of Symptoms Among the Sample

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
0	85.8%	84.8%	86.8%	86.5%	89.6%	82.4%	83.1%	87%
1	9.2%	7.9%	10%	6.5%	7.5%	11%	10.8%	9.3%
2	3.3%	4.8%	2.3%	5.2%	1.5%	3.1%	4.1%	3%
3	1.3%	1.2%	0.9%	1.3%	1.1%	1.9%	1.9%	0.7%
4	0.4%	1.2%	0%	0.4%	0.4%	1.6%	0.2%	0%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
0	85.8%	90.5%	86.9%	83.8%	84.6%	83.7%
1	9.2%	5.2%	8.3%	11.1%	10.5%	10.1%
2	3.3%	2.2%	3.2%	3.3%	3.9%	3.9%
3	1.3%	1.1%	1.3%	1.6%	0.6%	2%
4	0.4%	1.1%	0.3%	0.3%	0.4%	0.3%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
0	85.8%	100%	0%	0%	0%	0%
1	9.2%	0%	100%	0%	0%	0%
2	3.3%	0%	0%	100%	0%	0%
3	1.3%	0%	0%	0%	100%	0%
4	0.4%	0%	0%	0%	0%	100%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

Incidence Of Any Symptoms In The Sample

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
No Symptoms	85.8%	84.8%	86.8%	86.5%	89.6%	82.4%	83.1%	87%
Any Symptom	14.2%	15.2%	13.2%	13.5%	10.4%	17.6%	16.9%	13%
Unweighted Frequency	3643	165	220	230	268	318	1131	730
Weighted Frequency	3643	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
No Symptoms	85.8%	90.5%	86.9%	83.8%	84.6%	83.7%
Any Symptom	14.2%	9.5%	13.1%	16.2%	15.4%	16.3%
Unweighted Frequency	3643	494	1082	685	727	655
Weighted Frequency	3643	494	1082	685	727	655

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
No Symptoms	85.8%	100%	0%	0%	0%	0%
Any Symptom	14.2%	0%	100%	100%	100%	100%
Unweighted Frequency	3643	2950	315	115	44	15
Weighted Frequency	3643	2950	315	115	44	15

How severe would you say these symptoms are among those members of your household who have them?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Extremely Severe	1%	0%	0%	0%	3.6%	1.8%	0.5%	1.1%
Very Severe	2.7%	0%	3.4%	0%	0%	5.4%	3.7%	1.1%
Somewhat Severe	12.9%	12%	13.8%	22.6%	10.7%	12.5%	13.1%	11.6%
Not Very Severe	27.1%	20%	34.5%	32.3%	17.9%	26.8%	33.5%	18.9%
Not Severe At All	30.5%	28%	10.3%	19.4%	28.6%	16.1%	34%	38.9%
Did Not Answer	25.7%	40%	37.9%	25.8%	39.3%	37.5%	15.2%	28.4%
Unweighted Frequency	479	25	29	31	28	56	191	95
Weighted Frequency	479	25	29	31	28	56	191	95

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Extremely Severe	1%	0%	1.5%	1.9%	0%	1%
Very Severe	2.7%	2.3%	2.2%	1.9%	5.9%	1%
Somewhat Severe	12.9%	9.3%	11.9%	13.6%	13.7%	14.4%
Not Very Severe	27.1%	27.9%	30.6%	22.3%	28.4%	25.8%
Not Severe At All	30.5%	23.3%	29.1%	33%	24.5%	39.2%
Did Not Answer	25.7%	37.2%	24.6%	27.2%	27.5%	18.6%
Unweighted Frequency	479	43	134	103	102	97
Weighted Frequency	479	43	134	103	102	97

broken out by number of symptoms

	Total	Number of Symptoms			
		1	2	3	4
Extremely Severe	1%	1.3%	0%	0%	7.7%
Very Severe	2.7%	1.3%	5.3%	4.5%	7.7%
Somewhat Severe	12.9%	7.1%	16.8%	31.8%	53.8%
Not Very Severe	27.1%	22%	37.2%	40.9%	15.4%
Not Severe At All	30.5%	33.7%	28.3%	18.2%	15.4%
Did Not Answer	25.7%	34.6%	12.4%	4.5%	0%
Unweighted Frequency	479	309	113	44	13
Weighted Frequency	479	309	113	44	13

Are you or the members of your household who have these symptoms currently being cared for?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	24.6%	8%	24.1%	25.8%	17.9%	21.4%	31.9%	20%
No	48.9%	52%	37.9%	48.4%	42.9%	41.1%	52.9%	51.6%
Did Not Answer	26.5%	40%	37.9%	25.8%	39.3%	37.5%	15.2%	28.4%
Unweighted Frequency	479	25	29	31	28	56	191	95
Weighted Frequency	479	25	29	31	28	56	191	95

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	24.6%	7%	21.6%	26.2%	27.5%	32%
No	48.9%	53.5%	53.7%	45.6%	44.1%	48.5%
Did Not Answer	26.5%	39.5%	24.6%	28.2%	28.4%	19.6%
Unweighted Frequency	479	43	134	103	102	97
Weighted Frequency	479	43	134	103	102	97

broken out by number of symptoms

	Total	Number of Symptoms			
		1	2	3	4
Yes	24.6%	22%	31.9%	25%	23.1%
No	48.9%	42.7%	54%	70.5%	76.9%
Did Not Answer	26.5%	35.3%	14.2%	4.5%	0%
Unweighted Frequency	479	309	113	44	13
Weighted Frequency	479	309	113	44	13

Do you, or does anyone in your household have an underlying health condition which might aggravate a COVID-19 infection?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Yes	31.3%	23.6%	25%	27.4%	29.5%	28.9%	35.5%	35.6%
No	68.7%	76.4%	75%	72.6%	70.5%	71.1%	64.5%	64.4%
Unweighted Frequency	3294	165	220	230	268	318	1131	730
Weighted Frequency	3294	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Yes	31.3%	21%	33.4%	33.1%	28.7%	36.7%
No	68.7%	79%	66.6%	66.9%	71.3%	63.3%
Unweighted Frequency	3294	443	996	617	655	583
Weighted Frequency	3294	443	996	617	655	583

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Yes	31.3%	29.2%	42.1%	49.5%	46.5%	46.2%
No	68.7%	70.8%	57.9%	50.5%	53.5%	53.8%
Unweighted Frequency	3294	2823	304	111	43	13
Weighted Frequency	3294	2823	304	111	43	13

Please indicate which underlying condition you have. (only asked of those who answered “yes” to the previous question)

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Heart Condition	13.2%	12.8%	16.4%	15.9%	13.9%	16.3%	11%	14.2%
Lung/Pulmonary Condition	24.3%	23.1%	18.2%	36.5%	19%	17.4%	26.2%	23.8%
Diabetes	19.9%	17.9%	29.1%	17.5%	21.5%	15.2%	20.9%	17.3%
Asthma	21.9%	15.4%	14.5%	14.3%	25.3%	33.7%	21.9%	21.9%
Mobility Issues	1.2%	0%	1.8%	1.6%	0%	0%	1%	1.9%
Other	19.5%	30.8%	20%	14.3%	20.3%	17.4%	19%	20.8%
Unweighted Frequency	1029	39	55	63	79	92	401	260
Weighted Frequency	1029	39	55	63	79	92	401	260

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Heart Condition	13.2%	11.8%	14.7%	13.3%	10.6%	13.7%
Lung/Pulmonary Condition	24.3%	24.7%	29.1%	21.7%	18.6%	24.1%
Diabetes	19.9%	22.6%	18.3%	18.7%	22.3%	20.3%
Asthma	21.9%	14%	17.4%	23.2%	28.2%	25.5%
Mobility Issues	1.2%	2.2%	1.2%	0.5%	0.5%	1.9%
Other	19.5%	24.7%	19.2%	22.7%	19.7%	14.6%
Unweighted Frequency	1029	93	333	203	188	212
Weighted Frequency	1029	93	333	203	188	212

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Heart	13.2%	13.8%	12.5%	9.1%	5%	16.7%
Condition						
Lung/Pulmonar	24.3%	23.7%	24.2%	34.5%	25%	16.7%
Condition						
Diabetes	19.9%	20.7%	21.1%	10.9%	5%	16.7%
Asthma	21.9%	21.6%	20.3%	21.8%	35%	50%
Mobility	1.2%	1.1%	1.6%	1.8%	0%	0%
Issues						
Other	19.5%	19.1%	20.3%	21.8%	30%	0%
Unweighted	1029	820	128	55	20	6
Frequency						
Weighted	1029	820	128	55	20	6
Frequency						

What is your current level of emotional stress?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Extremely Stressed	7.1%	15.8%	8.2%	9.1%	6%	6.9%	6.3%	5.3%
Very Stressed	15.9%	13.3%	14.1%	16.1%	14.6%	16.7%	17.8%	15.5%
Somewhat Stressed	36.5%	28.5%	30.9%	30%	36.9%	38.1%	39.8%	38.2%
Not Very Stressed	24.5%	20.6%	27.3%	23.5%	25.4%	23.3%	24.4%	26%
Not Stressed At All	16%	21.8%	19.5%	21.3%	17.2%	15.1%	11.8%	14.9%
Unweighted Frequency	3271	165	220	230	268	318	1131	730
Weighted Frequency	3271	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Extremely Stressed	7.1%	7.3%	4.9%	7.7%	6.5%	10.9%
Very Stressed	15.9%	14.3%	14.5%	18.1%	15.1%	18.1%
Somewhat Stressed	36.5%	36.1%	36.7%	35%	40.1%	34.2%
Not Very Stressed	24.5%	23.6%	27.1%	22.5%	23.8%	23.8%
Not Stressed At All	16%	18.8%	16.9%	16.8%	14.5%	13%
Unweighted Frequency	3271	441	989	614	648	579
Weighted Frequency	3271	441	989	614	648	579

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Extremely Stressed	7.1%	5.6%	13.5%	16.2%	23.3%	38.5%
Very Stressed	15.9%	14.9%	18.4%	29.7%	25.6%	15.4%
Somewhat Stressed	36.5%	37.2%	33.9%	28.8%	37.2%	7.7%
Not Very Stressed	24.5%	25.1%	22.4%	20.7%	14%	23.1%
Not Stressed At All	16%	17.1%	11.8%	4.5%	0%	15.4%
Unweighted Frequency	3271	2800	304	111	43	13
Weighted Frequency	3271	2800	304	111	43	13

How optimistic or pessimistic are you about the future right now?

broken out by income level

	Total	Income						Won't Say
		<\$20K	\$20K-\$40K	\$40K-\$60K	\$60K-\$80K	\$80K-\$100K	>\$100K	
Very Optimistic	14.7%	15.8%	17.3%	17.4%	14.6%	15.4%	13.7%	13.4%
Somewhat Optimistic	28.6%	20.6%	28.6%	30%	34%	31.1%	30.5%	24.5%
Neither Optimistic or Pessimistic	22.5%	24.8%	21.4%	18.7%	20.1%	22%	21.5%	27%
Somewhat Pessimistic	14.2%	6.1%	7.7%	9.6%	11.9%	13.5%	20%	11.6%
Very Pessimistic	6.7%	8.5%	4.1%	6.1%	4.1%	6%	8.9%	5.9%
Don't Know	13.3%	24.2%	20.9%	18.3%	15.3%	11.9%	5.4%	17.5%
Unweighted Frequency	3226	165	220	230	268	318	1131	730
Weighted Frequency	3226	165	220	230	268	318	1131	730

broken out by household size

	Total	Household Size				
		1	2	3	4	5+
Very Optimistic	14.7%	16.2%	15.1%	12.7%	14.7%	14.8%
Somewhat Optimistic	28.6%	31.7%	30%	25.5%	31%	24.8%
Neither Optimistic or Pessimistic	22.5%	18.5%	22%	24.2%	22.4%	24.6%
Somewhat Pessimistic	14.2%	14.1%	14.5%	15.8%	13.1%	13%
Very Pessimistic	6.7%	6.7%	6.2%	8.1%	5.8%	7.2%
Don't Know	13.3%	12.7%	12.2%	13.8%	13%	15.6%
Unweighted Frequency	3226	432	978	608	639	569
Weighted Frequency	3226	432	978	608	639	569

broken out by number of symptoms

	Total	Number of Symptoms				
		0	1	2	3	4
Very Optimistic	14.7%	15.4%	11.9%	6.4%	11.6%	8.3%
Somewhat Optimistic	28.6%	29%	24.2%	32.7%	30.2%	16.7%
Neither Optimistic or Pessimistic	22.5%	22.3%	24.5%	24.5%	14%	16.7%
Somewhat Pessimistic	14.2%	13.5%	19.2%	15.5%	16.3%	25%
Very Pessimistic	6.7%	6.1%	8.6%	11.8%	18.6%	25%
Don't Know	13.3%	13.8%	11.6%	9.1%	9.3%	8.3%
Unweighted Frequency	3226	2759	302	110	43	12
Weighted Frequency	3226	2759	302	110	43	12